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## CIMdata News

### *Aras Innovator Variant Management - a CIMdata Commentary*

13 May 2025

#### *Making Variability a Competitive Advantage in the High-Tech & Electronics Industry*

##### Key Takeaways

- Product platforms, product variants, modular design, and software-defined features are common, proven strategies to efficiently meet diverse and changing customer demand improving top and bottom-line value in many industries, but especially in high-tech and electronics.
- Ensuring product architecture, designs, and production methods share a common approach to managing product variability enables maximum efficiency and reduces risk of errors.
- Software-defined products (i.e., products where features and options are implemented by enabling capabilities via software activation) are becoming more common and used to drive high-margin after-sales revenue.
- Aras Innovator's approach delivers a unified product-centric variability definition and supporting technology stack, enabling consistent, efficient management of configurable products across sales, engineering, manufacturing, and service while supporting diverse strategies like configure-to-order, engineer-to-order, and hybrids.

##### Introduction

The high-tech and electronics (HTE) industry, a cauldron of rapid technological evolution, faces the daunting task of balancing relentless innovation with the imperative to deliver highly personalized products to an ever-changing market. In this arena, where product lifecycles are often measured in months rather than years, customer expectations for customization are at an all-time high, and, unfortunately, traditional product development and management approaches are proving increasingly inadequate. [\[1\]](#) HTE companies are grappling with the need to efficiently manage diverse customer requirements, intricate product architectures, and the accelerating complexity of software-defined features. To navigate these challenges while maintaining a competitive edge, HTE organizations must embrace sophisticated product variant management strategies, with a particular focus on the strategic deployment of configurators to support configure-to-order (CTO) strategies.

This commentary explores the pivotal role of configurators in enabling HTE companies to transform their product development and delivery processes. This allows them to drive revenue growth and operational excellence by enabling the transition from engineer-to-order (ETO) to CTO. Additionally, it considers how a unified, product-centric variability definition, supported by robust technology like Aras Innovator, can empower HTE companies to effectively manage the complexities inherent in their market. By leveraging advanced configuration capabilities, HTE

companies will not only be able to meet the demands of an increasingly discerning customer base but also streamline their internal operations, reducing costs and accelerating time-to-market.

The HTE market is a diverse, global ecosystem, encompassing a wide array of products ranging from high-volume, low-variability consumer electronics like smartphones and laptops to low-volume, high-variability telecommunications and semiconductor equipment and automation systems. Many variants are required to meet customer price, feature, and performance requirements within these product categories. Companies without a modular design approach must invest additional engineering resources to develop each variant. By implementing a modular design strategy and a flexible configurator, the resources required to meet customer requirements and seamlessly adapt to varying degrees of product complexity can be significantly reduced. Moreover, there is a burgeoning trend of software-defined products, where software activation enables features and functionalities, fundamentally reshaping the HTE landscape and driving additional CTO requirements. This shift creates new revenue streams through post-sales upgrades and subscriptions and fosters a continuous customer engagement model. For instance, consider the automotive sector, where manufacturers like Tesla leverage over-the-air updates to deliver new features and functionalities, transforming cars into platforms for ongoing revenue generation.

#### Business Issues

HTE companies are confronted with a multitude of business challenges that demand innovative solutions. Cost pressures, stringent quality control measures, and relentless time-to-market demands are constant concerns. The need to keep pace with rapidly changing customer trends and navigate the complexities of global trade further compounds these issues. Regulatory compliance, sustainability initiatives, and regionalization requirements necessitate highly flexible product configurations that can adapt to diverse market demands. For example, compliance with the Software Bill of Materials (SBOM) regulation is becoming increasingly critical for cybersecurity, requiring HTE companies to meticulously track and manage software components alongside hardware.

Effective configuration management is paramount for ensuring traceability and minimizing errors throughout the product lifecycle. Reusing product architectures, modular designs, and software services can significantly streamline development processes and reduce costs. For instance, a modular design strategy can enable HTE companies to rapidly create new product variants by combining existing modules, thereby reducing the need for extensive re-engineering. Moreover, robust supply chain management—encompassing alternate parts sourcing, obsolescence mitigation, and resilience planning—is crucial for maintaining operational agility in a rapidly changing market. For example, all products with embedded electronics are highly susceptible to supply chain disruptions and component obsolescence, necessitating robust configuration management to ensure continuity.

#### Aras Innovator for HTE

Aras Innovator has emerged as a powerful platform that addresses these challenges by delivering a unified product-centric variability definition environment and a comprehensive technology stack. As a Product Innovation Platform, it offers a rich set of capabilities, including

requirements management, change management, multiBOM support, and a wide range of computer-aided design (CAD), application lifecycle management (ALM), and other enterprise software integrations. Aras' deep expertise in configuration management, coupled with its robust supplier portal, fosters seamless collaboration and enhances operational efficiency throughout an organization's extended enterprise.

A key differentiator of Aras Innovator is its sophisticated configurator, which is found in the Variant Management application and designed to handle the intricate product configurations inherent in the HTE market. Aras ensures consistency across sales, engineering, manufacturing, and service domains by treating variability definition as a distinct entity. This approach enables the configuration of various structures, such as requirements documents, engineering product structures, technical documentation, and manufacturing process plans, using a shared variability definition and consistently applied rules. For example, a telecommunications company can use Aras Innovator to configure network hardware and software versions based on customer-defined specifications, ensuring consistency and accuracy.

By leveraging Aras Innovator's configurator to define and manage product variants with flexible component substitutions and robust rule management as shown in Figure 1, HTE companies can quickly adapt to material shortages or component obsolescence. Furthermore, the ability to generate accurate and up-to-date BOMs through a robust configurator ensures that procurement and manufacturing can respond swiftly to configuration changes. This agility is vital for maintaining production schedules, minimizing costly redesigns, and ensuring product availability in a market where time-to-market is paramount. Moreover, integrating configurator data with supply chain planning tools can enhance visibility and enable proactive risk mitigation, building resilience into the HTE company's operational framework.

### Figure 1– Managing Variability Rules in Variant Management

Aras Innovator’s low-code platform can also empower HTE companies to rapidly adapt to evolving market demands without resorting to extensive and costly customizations. Its flexible data model supports continuous improvement and seamless integration with electronic computer-aided design (ECAD) and a robust set of enterprise systems (e.g., ERP).

InnovatorEdge, the recently released low code integration framework reduces the development and maintenance efforts required to connect the product digital thread broader engineering and enterprise ecosystem. The platform’s upgradeability ensures that customers can leverage the latest features and capabilities without disrupting ongoing operations.

Furthermore, the platform’s ability to support hierarchical configurations and automate the ETO process further enhances its versatility. By integrating ETO workflows into the configurator, HTE companies can efficiently address complex customer needs, drive continuous innovation, and support hybrid ETO-CTO operating models. Moreover, Aras Innovator’s seamless digital thread integration enables end-to-end traceability, ensuring that all product data and configurations are readily accessible throughout the lifecycle. This capability is particularly valuable in regulated industries like medical devices, where traceability is paramount for compliance.

### Conclusion

In the fiercely competitive HTE industry, leveraging product platforms, modular designs, and software-defined features is no longer a luxury but a necessity for achieving rapid customization and delivering exceptional customer experiences. A unified approach to

managing product variability across architecture, design, and production is critical for streamlining processes and minimizing errors. Aras Innovator provides a robust platform for managing product variability, fostering collaboration across the entire product lifecycle, and empowering HTE companies to effectively deliver products that meet product line and customer requirements.

Software-defined products are fundamentally transforming the HTE landscape, enabling businesses to unlock new revenue streams through post-sale feature activation and personalized upgrades. Aras Innovator's ability to incorporate software-driven feature management and dynamic configuration needs with traditional configuration management sets it apart from traditional product lifecycle management (PLM) and enterprise resource planning (ERP) solutions.

HTE companies seeking to optimize their product configuration processes and drive customer-centric innovation should strongly consider Aras Innovator. Its comprehensive capabilities, including a robust configurator, low-code platform, and seamless digital thread integration, enable efficient management of complex product variants and ensure sustained competitiveness in a rapidly evolving market.

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[1] Research for this commentary was partially supported by Aras Corp.

### *CIMdata to Host a Free Webinar on the Status of the Global PLM Market*

13 May 2025

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, is excited to announce an upcoming free educational webinar, "2024 PLM Market Update." The webinar will take place on Thursday, 12 June 2025, at 11:00 a.m. (EDT) and will run for one hour.

The PLM Economy, CIMdata's term for the global ecosystem of software and services providers that assist industrial companies in achieving their PLM objectives, has grown strongly over the past decade. This webinar will focus on the results for the calendar year 2024 and offer insights into CIMdata's forecast for 2025 through 2029.

This webinar will help attendees:

- Distinguish CIMdata's PLM definition from those offered by other market influencers.
- Understand the differential growth experienced across the various segments of the PLM market.
- Identify key players in the global PLM market landscape.
- Find out what happened in the PLM market in 2024 from a mergers and acquisitions standpoint.
- Understand how the Ukraine conflict and tariffs stand to impact the global PLM market.

According to Christine Longwell, CIMdata's Director of Research and webinar host, "The PLM market, as estimated by CIMdata, grew by 9.7% in the calendar year 2024, above our forecast of 8.6%. The results were solid, with growth in all PLM segments. Some economic headwinds are expected to impact the market in 2025. However, the growth drivers for the PLM Economy, Industry 4.0, smart connected products, IoT, and digital transformation remain strong. Finally, PLM on the cloud continues solid adoption."

Christine Longwell brings over 25 years of experience, including roles with various PLM solution providers and industrial organizations; for the past decade, she has been involved with market intelligence. As CIMdata's Director of Research, Christine is responsible for enhancing and managing CIMdata's process of assembling and presenting CIMdata's highly esteemed yearly industry-leading Market Analysis Report (MAR) series.

Christine also spearheads the CIMdata team tasked with transforming the vast amount of market data CIMdata receives into actionable insights. This webinar promises to be a valuable resource for financial and market planners, competitive analysts, sales teams, industrial leaders, and anyone keen on understanding the performance and growth potential of the PLM market.

During the webinar, attendees will have the opportunity to ask questions about the topics discussed. To find out more, visit: <https://www.cimdata.com/en/education/educational-webinars/2025-plm-market-update>. To register for this webinar, please visit <https://register.gotowebinar.com/register/5234759910149108319>.

## Company News

### *adesso and Configit to Partner in Digitalization of Variant Management and Automation of End-to-end Processes*

14 May 2025

adesso SE, one of the leading IT service providers in Germany, and Configit, the market leader for Configuration Lifecycle Management (CLM), are now entering into a strategic partnership to provide manufacturing firms with optimum support in the form of integrated solutions. The aim of this cooperation is to provide companies with an end-to-end solution that allows them to map the entire product life cycle and automate processes at all levels of complexity, from Configure-to-Order (CTO) to Configure-to-Order Plus (CTO+) and Engineer-to-Order (ETO).

This strategic partnership combines Configuration Lifecycle Management solutions and technology with industry expertise to deliver end-to-end configuration and automation capabilities for the manufacturing industry.

### *Altair Supports MAM4HP Project to Advance Additive Manufacturing in Italy*

16 May 2025

Altair, a global leader in computational intelligence, announced its involvement in the Metallic Additive Manufacturing for High Performances (MAM4HP) research program, part of Italy's

National Recovery and Resilience Plan (PNRR) and funded by the European Union through NextGenerationEU resources. The project brings together some of the most innovative Italian companies and focuses on the development of additive manufacturing technologies.

"Altair is proud to support MAM4HP and help advance Italy's additive manufacturing capabilities," said Stefano Deiana, vice president, Spain, France and Italy, Altair. "By combining our simulation and optimization technologies with the ingenuity of other MAM4HP partners, we're accelerating innovation and enabling the next generation of components."

Spanning over 18 months, the MAM4HP project is structured in two phases. The first phase focuses on the redesign and structural optimization of mechanical components to ensure they're suitable for additive manufacturing. The second phase will focus on optimizing printing parameters and post-production processes.

As part of the program, the Altair HyperWorks design and simulation platform will allow redesign activities to be developed in accelerated timelines, providing designers with solutions ready for subsequent manufacturing. Altair's solutions will also be used to analyze specific shapes, which allow the sizing of particularly critical artifacts to be optimized.

Other MAM4HP partners, including Leonardo, Ducati, Bonfiglioli, Poggipolini, and Jumo Design, have proposed use cases to redesign components for additive manufacturing based on a design for additive manufacturing approach.

### *ARKANCE celebrates a quintuple victory at the Autodesk Partner Awards 2025*

12 May 2025

These awards recognize the passion, dedication, and expertise of our teams worldwide, highlighting our collective efforts to accelerate digital transformation for our clients. The awards we received are as follows:

- **Construction Cloud Partner of the Year – Americas**
- **Construction Cloud Partner of the Year – United Kingdom**
- **Customer Success Partner of the Year – Australia**
- **Government Partner of the Year – India** (for the third consecutive year)
- **Business Development Partner of the Year – Platinum – Continental Europe**

Our specialists in digital construction solutions have earned these awards by improving efficiency and collaboration with Autodesk Construction Cloud on a daily basis. By providing tailored solutions, expert guidance, and industry-leading support, we help construction professionals optimize their workflows and achieve better project results.

Our global teams are recognized for their leading role in maximizing Autodesk solutions for customers. Through strategic advice, training, and implementation, we support companies in optimizing their processes, driving innovation, and ensuring customers succeed in an ever-changing digital landscape.

## *Bechtle rebrands Swiss PLM companies under group name*

12 May 2025

The Bechtle Group's Swiss PLM companies will both be operating under new names from 1 July 2025. Specialising in software solutions for digital product development, Solid Solutions AG will become Bechtle PLM Schweiz AG, while 3D printing-focused SGSolution AG, will take on the new name Bechtle Additive Manufacturing Schweiz AG. The rebranding under the Bechtle name reflects the closer collaboration and increased synergies between the group's subsidiaries in Switzerland and across Europe. This step also supports the expansion of Bechtle's PLM offering, while maintaining strong regional roots and a commitment to personal, customer-focused service.

Headquartered in Zurich with four additional sales and training sites in Switzerland, Solid Solutions AG offers certified consulting, solutions, training and services related to digital product development. The company supports some 2,200 national and international businesses, start-ups, and research and educational institutions and is the country's leading partner for 3DEXPERIENCE and SOLIDWORKS. With its rebrand to Bechtle PLM Schweiz AG, the company is underscoring the expansion of its PLM and IT infrastructure offering in collaboration with Bechtle PLM Deutschland GmbH, Bechtle Additive Manufacturing Schweiz AG, and the Bechtle IT system houses. "Building on decades of experience, we aim to provide our customers with even more flexible solutions that support the entire product lifecycle and the development of new business models. With our extensive and innovative portfolio, and ongoing investment in new technologies and capabilities, we are helping to strengthen the long-term competitiveness of the Swiss industry," says Torsten Seelig, Managing Director, Solid Solutions AG.

### **Partner for developing new value chains**

Based in Wallisellen, SGSolution AG has been active in the market since 2008, specialising in sales, consulting and coaching for 3D printing technologies. Since 2017, the company has served as the exclusive Swiss distributor of HP Jet Fusion 3D printing technology. Going forward, it will operate under the name Bechtle Additive Manufacturing Schweiz AG, with a focus on marketing industrial 3D printing solutions side by side with its sister company, Bechtle Additive Manufacturing Deutschland GmbH. "The new name sharpens our profile as a trusted partner with deep expertise in additive manufacturing and reinforces our position within the Bechtle Group ecosystem in Switzerland and across Europe. Together, we support our customers as they transition to digital manufacturing, helping them transform their value chains to be more flexible, demand-driven, and sustainable," says Martin Affolter, Managing Director, SGSolution AG.

"By rebranding our PLM-focused companies, we are strengthening our position in Switzerland as a comprehensive partner for start-ups, SMEs and large enterprises in the industrial sector, covering all aspects of Product Lifecycle Management and the integration of reliable IT infrastructure solutions. With deep expertise in current standards and emerging trends, excellent vendor partnerships and a thorough understanding of our customers' business, we

are ideally positioned to respond to the growing importance of digital technologies in driving success,” says Uwe Burk Executive Vice President, PLM | Engineering & Manufacturing, Bechtle AG.

Together with their German sister companies, planetsoftware (Austria), Cadmes (Netherlands, Belgium, France, Luxembourg), and design automation and CPQ software developer, DriveWorks (UK), Bechtle PLM Schweiz AG and Bechtle Additive Manufacturing Schweiz AG form a network of some 900 experts across eight countries, making them one of the largest PLM providers in Europe. The portfolio includes PLM, CAD/CAM, product data management, digital twin, sales configuration, smart factory, AV/VR, IIoT and 3D printing solutions, as well as integrations with ERP and supply chain management solutions. Working closely with the Bechtle IT system houses, the specialists also provide integrated IT infrastructure, cloud, artificial intelligence and IT security solutions. Bechtle has been a trusted PLM partner for leading providers such as Dassault Systèmes, SolidCAM, DriveWorks, HP, 3D Systems, Markforged, Formlabs, DyeMansion and ASM for many years.

### *Capgemini confirms its ESG commitment with an updated policy and enhanced objectives*

6 May 2025

**Capgemini has updated its ESG policy and objectives set in 2021, reinforcing its commitment to sustainable growth, responsible business practices, and corporate accountability. The updated policy builds on the 8 priorities defined in 2021, adding a 9<sup>th</sup> focused on ethics, and outlines 14 objectives. It further demonstrates the Group’s dedication to addressing global challenges while respecting local regulations and creating long-term value for stakeholders.**

Capgemini intends to drive progress and lead in the transition to a more sustainable economy. As part of its ESG policy set in 2021, the Group has already reached many objectives and will continue to build on this momentum through its updated ESG Policy. Some notable achievements include, as of end 2024:

- Reducing its absolute Scope 1 & 2 emissions by 93% and Business Travel emissions (Scope 3) by 62% per employee compared to 2019, already achieving its objectives for 2030 (-80% for absolute scope 1 and 2 emissions and -55% per employee for Business Travel emissions);
- Achieving a 98% share of renewable energy in the Group’s electricity consumption, in line with its objective to reach 100% in 2025;
- Increasing women’s representation in the global workforce to 39.7%, for an objective of 40% in 2025, reflecting an increase of almost 7 points since 2019. Furthermore, women now account for 29% of the Group executive leadership positions, up from 17% in 2019, in line with its objective of 30% in 2025;
- Reaching an average of 77 learning hours per employee, significantly above the objective set of an increase of 5% each year since 2019;

- Demonstrating its leadership in data protection and cybersecurity with the recognition of external rating agencies (Bitsight, RiskRecon and Cybervadis).

The updated ESG Policy forms the basis for the Group’s sustainability priorities and will continue to be embedded in its activities and offerings by leveraging technology, human capital, and alliances with key partners:

- The Group has added an investment commitment in high-quality carbon credits, in addition to its objective to reduce its emissions across Scopes 1, 2 and 3 by 90% to become net zero by 2040, as validated by the SBTi Corporate Net-Zero Standard, reflecting its commitment to address excessive carbon in the atmosphere today.
- In addition, the Group pledges to maintain at least 40% of women in its global workforce and raises its objective for women in global executive positions to 35% by 2030.
- On digital inclusion, Capgemini extends its target to 10 million beneficiaries, and starting in 2025, will be aligning its reporting method to industry leading B4SI [\[1\]](#) impact framework, which focuses on the depth of impact on individuals, rather than the number of people reached through community programs only.
- Capgemini also aims at strengthening the ethical use of AI by its employees, as this technology will deeply reshape the economies.
- The Group aims at helping its clients achieve their sustainability commitments by enlarging its portfolio of offerings.

*“ESG is fundamental to our corporate strategy and long-term value creation. This enhanced ESG policy reflects our commitment to innovation, ethical leadership and meaningful impact in order to create a future where our teams, our clients and our partners can thrive, in a responsible and resilient economy,”* said Aiman Ezzat, Chief Executive Officer at Capgemini.

**ESG policy**

Priorities	Objectives
<i>Environment: Protecting the planet</i>	
Act on climate change and become a net zero business, by 2040	Reduce our Scope 1, 2 and 3 emissions by 90%, by 2040 Scale up our investment in climate and nature solutions at a level commensurate with our total GHG emissions

Lead to a sustainable economy, by helping our clients achieve their sustainability commitments	Increase bookings (value) delivering sustainability benefits to our clients
<i>Social: Shaping a future with protection &amp; respect for all</i>	
Invest in our talents through an empowering experience	Reach and maintain 70 learning hours on average per employee per year Upskill our talents on one yearly defined strategic topic Maintain our employees' belonging index above 80
Maintain high ethical standards at all times	Keep over 80% of the employees with a positive perception of our values, culture, and ethical behaviors in the Group Enhance awareness and foster the adoption of Ethical AI practices
Enhance inclusion in our activities	Maintain at least 40% of women in our global teams and reach 35% of women in group executive leadership positions, by 2030*
Support digital inclusion in our communities	Support 10M beneficiaries in underserved communities through our digital inclusion programs, by 2030
<i>Governance: Embedding trust &amp; transparency at every level</i>	
Foster a diverse and accountable governance	Maintain best-in-class corporate governance

Value responsible business practices across the value chain	By 2030, suppliers covering 80% of the purchase amount of the previous year will have committed to our ESG standards
Protect and secure data, infrastructure, and identity	Embed data protection into our culture, operations and clients' delivery Be recognized as a front leader on cybersecurity

\* We recognize that countries must operate within their local regulatory/legal framework. The Objectives for 2030 are set at a Group level and will accelerate our Inclusion efforts.

### *Duro Launches Partner Program To Deliver Hardware Digital Thread*

14 May 2025

Duro, a leading cloud-native PLM platform for hardware engineering, has launched its official Technology Partner Program, expanding its ecosystem to help customers build a complete digital thread—from initial design through manufacturing, maintenance, and beyond.

As more hardware teams adopt agile practices and distributed tools, Duro's open and flexible model offers an alternative to legacy PLMs that restrict integrations and slow down collaboration. With its API-first architecture and open GraphQL API, the platform makes it easy for partners to build and deploy integrations—accelerating onboarding, boosting data visibility, and eliminating information silos.

“Our partner program mirrors how Duro is built—flexible, connected, and ready out-of-the-box,” said **Michael Corr, CEO of Duro**. “Together with our partners, we’re helping customers move faster and avoid vendor lock-in, with a digital thread that supports agile hardware development.”

Current partners include Epsilon3, First Resonance, Tulip, Fusion by Stoke Space, SysGit, Quarter20, Violet Labs, and Procurable. Partners receive technical support along with co-marketing opportunities, including webinars, content, customer stories, and shared promotion.

“Tulip and Duro share a vision for connected product development. By bridging design and production, we’re helping teams move faster and reduce errors.” — **Natalia Gutierrez, Tulip**

### *DXC Technology Extends CEO and CFO Employment Agreements to Strengthen Focus on Growth and Shareholder Value*

14 May 2025

DXC Technology announced that its Board of Directors has unanimously approved special equity grants for Raul Fernandez, President and Chief Executive Officer, and Rob Del Bene,

Executive Vice President and Chief Financial Officer. These grants are designed to secure the continued leadership of both key executives through fiscal year 2028 and further align their compensation with sustainable long-term shareholder value creation.

These agreements reflect the Board's confidence in the executive team's strategic vision and operational execution, as DXC continues to progress to a more focused, customer-centric and growth-driven technology services leader.

Under Raul's leadership, "DXC has sharpened its strategic focus, revitalized its go-to-market execution, and reignited cultural momentum across the organization," said David Herzog, Chairman of the DXC Board of Directors. "Together with Rob's financial stewardship and focus on operational excellence, this leadership team has positioned DXC to deliver long-term value for our customers, employees, and shareholders."

In lieu of annual equity grants for fiscal years 2026 through fiscal 2028, Mr. Fernandez and Mr. Del Bene will receive one-time three year equity grants that closely link their future pay with achievement of performance goals related to three key metrics: free cash flow, revenue generation, and total shareholder return relative to a competitive peer set. This structure is designed to promote retention and incentivize execution on DXC's long-term strategy, with the goal of delivering meaningful shareholder returns over the next three years.

"I'm honored to continue leading DXC and our revamped leadership team," said Raul Fernandez. "I've personally met over a hundred customers over the past 15 months and their message has been loud and clear, DXC has the expertise, talent, and the trust to be their critical partner. We've brought in incredible talent to build a winning team that's fully aligned around a single mission, to drive sustainable profitable growth. We have made important progress in laying the foundation for success and I believe we are well-positioned to deliver success for our clients and shareholders."

Terms of the awards are provided in a Form 8-K filed with the Securities and Exchange Commission on May 14, 2025.

### *ENCY Software Expands into India with New Subsidiary in Pune, Maharashtra*

14 May 2025

*ENCY Software, a European developer of innovative CAD/CAM/OLP solutions for automating CNC machine and industrial robot programming, has officially registered and launched its wholly-owned Indian subsidiary — ENCY Software India Pvt., Ltd. — in Pune, Maharashtra. The opening marks a strategic expansion into one of the world's fastest-growing manufacturing and automation markets.*

India's industrial sector is undergoing rapid transformation. With government initiatives like "Make in India" and the rise of smart manufacturing, the demand for CNC machining, robotic automation, and intelligent software is increasing. The Indian metalworking market is projected to maintain double-digit growth, with the automotive, aerospace, defense, and general engineering sectors driving investment in modern CNC machines and digital production tools.

The robotics segment is evolving from basic automation to advanced multi-axis systems, while the CAD/CAM software market is seeing a shift from legacy solutions to integrated platforms that connect engineering and production.

The decision to establish a local presence followed ENCY Software's participation in IMTEX 2025, where the team conducted an in-depth analysis of the Indian manufacturing landscape. During the exhibition, meetings were held with existing clients, new prospects, and regional partners. These discussions revealed a strong demand for high-performance CAD/CAM tools, shop-floor simulation, and robot programming solutions that integrate into a single digital ecosystem.

*"India is moving fast in manufacturing and automation, and it's not just about scale — it's about quality, precision, and flexibility,"* said **Andrew Lovygin**, Channel Sales Director at ENCY Software. *"With ENCY Software India, our goal is to support local manufacturers with tools that reduce programming time and improve communication between engineers and operators. We invite Indian system integrators, distributors, and CNC machine suppliers to explore partnership opportunities."*

The Indian office will focus on supporting local customers, delivering technical support, and developing a network of regional partners. The ENCY X ecosystem — which includes ENCY (CAD/CAM for CNC), ENCY Robot (offline robot programming), ENCY Tuner (shop-floor NC-code simulation), and ENCY Clouds (collaboration platform) — will be locally promoted and adapted for the Indian market needs.

**Sandeep Srivastava** has been appointed Managing Director of ENCY Software India Pvt., Ltd. He brings nearly 30 years of professional experience in sales, leadership, and brand building in the CAD/CAM/CAE industry across Asia Pacific, Africa, and Europe. Known for his pragmatic approach to business management, he has consistently driven sales growth through innovative strategies and customer-focused value delivery.

Commenting on the launch, Mr. Srivastava said:

*"This is one of the best times to enter the Indian market, as GDP growth in India has been the highest among large economies in recent years and is expected to maintain this trajectory. India's manufacturing sector currently accounts for 14% of its GDP and is projected to reach 22% within the next three years. This growth is driven by initiatives like the Production Linked Incentive (PLI), rising domestic demand, and government support."*

## *HCLTech signs European Commission's AI Pact to drive Responsible AI*

12 May 2025

HCLTech, a leading global technology company, has signed the European Commission's AI Pact, reinforcing its commitment to the responsible development and deployment of AI technologies internally and with clients.

The AI Pact, a voluntary framework launched by the European Commission, encourages organizations to take proactive steps towards ethical AI ahead of the full implementation of the EU's AI Act, the first comprehensive legal framework for AI. The pact mandates signatory

organizations to take proactive steps to align with the Act's emphasis on safety, transparency and human oversight.

"As AI continues to reshape industries and societies, it's important that this technology is leveraged responsibly. By signing this pact, we're reinforcing our commitment to trustworthy development, deployment and use of AI systems and technologies, thus ensuring that they truly benefit society while minimizing risks and promoting transparency," said Heather Domin, Vice President, Responsible AI and Governance at HCLTech.

By joining this initiative, HCLTech has committed to:

- Adopting an AI governance strategy to foster the uptake of AI in the organization and work towards future compliance with the AI Act
- Identifying and mapping AI systems likely to be categorized as high-risk under the AI Act
- Promoting AI awareness and literacy among employees, ensuring ethical and responsible AI development

HCLTech has long embedded responsible AI practices across its operations, providing guardrails for accountability, fairness, security, privacy and transparency, enabling responsible use of the technology. To enable responsible AI practices internally and with clients, HCLTech has established an Office of Responsible AI and Governance. This office drives the implementation and innovation of responsible AI practices within HCLTech and capabilities in products and services.

## *Keysight Releases 2024 Corporate Social Responsibility Progress Report and Disclosures*

14 May 2025

Keysight Technologies, Inc. released its 2024 Corporate Social Responsibility (CSR) Progress Report, highlighting the company's recent achievements across ethical business and governance, environmental sustainability, and positive social impact. The progress report, with its accompanying 2024 CSR Data Report, encompasses Keysight's CSR performance in fiscal year 2024 and includes operations worldwide, unless otherwise noted. Data includes disclosures that have been prepared with reference to the Global Reporting Initiative (GRI) revised universal topic standards and aligned to the Sustainability Accounting Standards Board (SASB) frameworks, as well as additional human capital metrics not included in the mentioned frameworks.

Keysight's 2024 CSR Progress Report showcases how the company met its ethical business and governance goals, progressed toward long-term sustainability goals, exceeded some short-term key impact goals. These results were attained while continuing to make positive contributions to purposeful technology and transparency with key international environmental, social, and governance (ESG) disclosure frameworks.

### **Met stated goals for ethical business and governance in fiscal year 2024**

The company met its ethical governance goals by not incurring any material negative impacts to its income statement from CSR-related matters in fiscal year 2024. This achievement aligns to Keysight's ethical operations and business commitments through the company's robust governance, which is provided by its Standards of Business Conduct (SBC), corporate policies, board and risk oversight, and environmental, health, and safety programs to name a few.

### **Made progress toward environmental sustainability goals**

The company made progress in environmental sustainability related to its commitment to net zero emissions in business operations by the end of fiscal year 2040. For example, Keysight signed a virtual power purchase agreement (VPPA) with Southern Power to acquire renewable energy credits from a 39 MW expansion at the Millers Branch Solar Facility. This agreement is expected to start in the first quarter of fiscal year 2027 and will generate enough renewable electricity to cover 100% of Keysight's electricity consumption in the US and Canada.

### **Surpassed citizenship, community engagement, and education goals for fiscal year 2024**

Keysight significantly surpassed its goals for positive social impact by focusing on community and education. Progress noted includes:

- Committing more than \$295 million in value to strengthen communities through citizenship, giving, STEM education, and university engagements.
- Employees volunteered 1,225 hours in CSR and community engagement activities.
- Through direct support and partnerships, engaged more than 4.4 million students, future engineers, and technology skill learners through STEM education programs worldwide.

### **Maintained commitment to a positive work environment for all employees**

In fiscal year 2024 the company fostered a positive and engaged work environment with opportunities for all employees to participate and thrive, including through employee network groups, educational assistance and training programs, flexible work schedules, coffee talks, employee surveys, and internal feedback platforms. The company continually assesses the efficacy of its efforts, implementing new initiatives, and actively engaging employees across its global workforce.

### **Continued providing sustainably developed solutions that support development of purposeful technologies**

The Keysight 2024 CSR Progress and Data Reports showcase the company's mission of accelerating innovation to connect and secure the world through sustainably developed solutions that enable purposeful technologies. Through the company's solutions, Keysight helps customers deliver breakthrough innovations in areas such as clean technology, social impact and wellness, and safety and security, all while helping address emerging energy efficiency measurement and regulatory requirements.

### **New impact goals announced**

Looking forward, Keysight remains committed to its mid- and long-term targets supporting net zero emissions in its operations by the end of fiscal year 2040 and has announced a new set of targets tracking progress in positive societal impact and ethical governance throughout 2025 and into 2026.

**Satish Dhanasekaran, President and Chief Executive Officer, Keysight, said:** "I take great pride in our enduring commitment to building a better planet. From pioneering solutions that connect and secure the world to our global CSR framework rooted in integrity and responsibility, Keysight remains dedicated to making a meaningful impact and driving breakthroughs that help create a better, more sustainable world."

### *Nemetschek Group Expands into Saudi Arabia to Advance Digital Transformation in the Construction and Media Industries*

14 May 2025

The Nemetschek Group, a leading global provider of software solutions for the AEC/O (Architecture, Engineering, Construction & Operations) and media industries, announced the launch of its operations in the Kingdom of Saudi Arabia. This strategic move underscores the company's commitment to supporting the region's rapid growth, digital transformation, and sustainability ambitions as part of Saudi Arabia's Vision 2030

The expansion brings Nemetschek's portfolio of industry-leading brands – including Allplan, Bluebeam, Graphisoft, Maxon, Solibri, Spacewell, and Vectorworks – closer to one of the world's most dynamic construction markets. The Saudi construction sector is experiencing unprecedented growth, with over \$1 trillion in mega-projects underway and a strong push for digitalization and sustainable building practices. The Nemetschek Group's solutions will empower local architects, engineers, builders, and creative professionals to deliver projects more efficiently and sustainably through advanced BIM, AI, and digital twin technologies.

Muayad Simbawa has been appointed Managing Director for Nemetschek's operations in Saudi Arabia and will lead the company's regional efforts from Riyadh. He brings a strong background in sales and operations, with deep relationships across the Kingdom. With nearly 20 years of experience in digital transformation, infrastructure, oil & gas, power, and enterprise software, Muayad Simbawa is a seasoned technology leader. Known for leading market entries and building high-performing teams, his leadership will drive innovation in the AEC/O sector and shape the future of construction and design in the Middle East.

The initial focus will be on supporting key giga projects and fostering digital transformation across the built environment. The company's first major appearance in the Kingdom is at the Saudi Giga Projects 2025 Summit in Riyadh, a key event for senior decision-makers in the country's construction sector. The summit offers a unique platform to showcase Nemetschek's expertise and forge partnerships with stakeholders at the heart of Saudi Arabia's transformation.

"Saudi Arabia is leading the way in global construction innovation, with ambitious developments and a strong commitment to digital transformation. By establishing our presence

in the Kingdom under the leadership of Muayad Simbawa, we are dedicated to equipping professionals across the region with the technologies and support they need to build a more efficient, sustainable, and connected future,” says Yves Padrines, CEO of the Nemetschek Group.

“We are excited to bring Nemetschek’s world-class solutions to Saudi Arabia, supporting Vision 2030 and the Kingdom’s drive towards digitalization and sustainability. Our goal is to collaborate with local partners and customers to unlock new levels of efficiency and innovation across the construction and media sectors,” adds Muayad Simbawa, Managing Director, Nemetschek Saudi Arabia.

As part of its commitment to the region, the Nemetschek Group will also participate in the upcoming Saudi Entertainment and Amusement (SEA) Expo (20 – 22 May 2025) with its brands Maxon, Spacewell and Vectorworks. SEA is a premier event that brings together professionals from the global entertainment industry. The Expo offers a unique platform for collaboration, where industry leaders can connect, address real-world challenges, and co-create innovative, actionable solutions.

Nemetschek’s involvement reflects its broader vision for the Middle East – to serve as a catalyst for digital transformation and sustainability, aligned with the region’s ambitious development goals. Through its advanced software solutions, the Group aims to support the evolution of smart cities and future-ready infrastructure across the region.

### *Okuma America Corporation Announces Agreement with New Channel Partner in Brazil*

5 May 2025

The leadership team at Okuma America Corporation, a global leader and single-source builder of computer numeric control (CNC) machine tools, controls and automation systems, is pleased to announce the addition of a new partner to distribute Okuma products and services in Brazil. Maquinas e Solucoes Servicos de Representacao e Manutencao de Equipamentos Ltda (M&S), a member of the Molgroup of companies, will begin serving Okuma customers and prospects in Brazil effective immediately.

Several factors were considered by the Okuma leadership team when choosing M&S for Brazil, the most important of which was the common mission of both 100+ year old companies to provide high-quality, high-performance machine tools, automation systems and premium support to the expanding manufacturing industry throughout Brazil. Additionally, Okuma and Molinari, also a member of the Molgroup of companies, have enjoyed a 40+ year OEM-distributor partnership in other Latin American regions including Argentina and neighboring countries.

Mr. Tim Thiessen, Senior Vice President of Sales & Marketing at Okuma America Corporation, expressed his excitement about the new partnership, *“by partnering with Maquinas e Solucoes (M&S) in Brazil, we will be able to further strengthen our offering and value proposition for*

customers in Brazil. Customers in the region will now be supported by both M&S and Okuma Latino Americana, an Okuma affiliate office in the region.”

## *PROS Announces Winners of 2025 Customer Outperformer Awards*

13 May 2025

PROS Holdings, Inc., a leading provider of AI-powered SaaS pricing and selling solutions, announced the winners of its second annual 2025 Customer Outperformer Awards. The awards celebrate customers that exemplify innovation, transformative growth and exceptional customer experiences through the strategic use of the PROS Platform and AI capabilities. Representing industries including airline, distribution, manufacturing and services, this year’s winners reflect the versatility and wide-reaching impact of the platform.

“Our Outperformer Award winners reflect the power of combining technology, vision and partnership to fuel industry-leading progress,” said Todd McNabb, Chief Revenue Officer, PROS. “In a time when businesses must adapt faster than ever, these companies are not just keeping pace, they’re setting the standard— through bold, data-driven strategies and meaningful collaboration.”

In its second year, the 2025 Customer Outperformer Awards saw a substantial increase in the quantity of submissions, with applications doubling from 2024. This surge in participation highlights the growing recognition of PROS technology as a catalyst for innovation and business success. The awards celebrate organizations that have not only embraced transformative change but have also achieved measurable success in leveraging AI-powered solutions to drive growth, improve efficiency and deliver exceptional customer experiences.

The 2025 Customer Outperformer Awards were presented to companies across four key categories—please join us in celebrating these phenomenal achievements:

### **Innovator**

For innovative use of PROS software. Recognized for bold innovation, these organizations have harnessed PROS science and responsible AI to fuel efficiency, foster collaboration and create long-lasting, positive change across their operations:

- **Lufthansa Group**
- **ADI | SnapOne**

### **Profit Booster**

For measurable impact on profitability and margin expansion. These winners have delivered outstanding financial results, showcasing how the strategic use of PROS technology can drive sustained improvements in profitability and margin growth:

- **United Airlines**
- **Wilbur-Ellis**

### **Growth Catalyst**

For fastest time-to-value and enterprise-wide transformation. These winners demonstrated

exceptional change management, rapid adoption of PROS solutions and a relentless focus on accelerating business value across their organizations:

- **SriLankan Airlines**
- **Europcar Mobility Group**

### **Digital Pioneer**

For excellence in digital transformation and AI-powered selling. These organizations have led the way in transforming the digital selling experience, using innovative strategies and technology to set new standards in customer engagement and business agility:

- **Siemens Smart Infrastructure**
- **Cathay Pacific**

“The 2025 Outperformer Award winners exemplify the power of strategic innovation, setting new standards of excellence that reflect what’s possible when technology, strategy and execution align,” said Andres Reiner, President and Chief Executive Officer, PROS. “We are extremely proud to partner with such visionary companies and look forward to continuing to innovate and outperform together.”

### ***Renesas Partners with Indian Government to Drive Innovation Through Startups and Industry-Academia Collaboration, Strengthening India’s Semiconductor Ecosystem***

13 May 2025

Renesas Electronics Corporation, a premier supplier of advanced semiconductor solutions, announced its partnership with the Ministry of Electronics & Information Technology (MeitY), Government of India, to support local startups and academic institutions in the field of VLSI and embedded semiconductor systems. Renesas also celebrated the expansion of its offices in Bengaluru and Noida to accommodate its growing R&D teams, with the inauguration ceremonies held today. This strategic move underscores Renesas’ commitment to innovation and excellence in India and aims to drive continued growth in the region.

Renesas and the Centre for Development of Advanced Computing (C-DAC), an autonomous scientific society of MeitY, today signed and exchanged two Memoranda of Understanding (MOUs) under the MeitY Chips to Startup (C2S) programme (Note). These MOUs focus on 1) Supporting local startups by enabling them to drive technological advancement and promote local manufacturing in alignment with the Make in India initiative; and 2) Enhancing industry-academia collaboration by fostering an innovative, product-focused mindset among students.

Shri Ashwini Vaishnaw, Minister for Railways, Information & Broadcasting, and Electronics & Information Technology, Government of India; along with Malini Narayanamoorthi, India Country Manager and VP, MID Engineering, Analog & Connectivity Group at Renesas; and Rea Callendar, Head of Platform Adoption and Ecosystem Enablement at Altium, which joined forces with Renesas in August 2024, attended the celebration at the Noida office. Hidetoshi

Shibata, CEO of Renesas, also joined virtually, underscoring the global significance of this milestone.

India is a key market for Renesas, offering significant growth potential and access to a highly skilled talent pool. Renesas is committed to deepening its partnerships with local companies, startups, and universities, with the target to generate over 10 percent of its global revenue from the Indian market by 2030. Recent collaborations include the OSAT factory project with CG Power and Stars Microelectronics in Gujarat and the MOU with IIT Hyderabad. Renesas is also expanding its operations in India, with plans to increase its headcount to 1,000 by the end of 2025. This growth initiative reinforces Renesas' long-term commitment to India and supports its ambition to become an employer of choice in this dynamic and fast-evolving market.

"The inauguration of our expanded offices marks a significant milestone for Renesas in India. It reflects our unwavering commitment to innovation, excellence, and the nurturing of local talent. By building products in India, for India and the world, we continue to drive growth and deliver meaningful impact across the Indian market," said **Malini Narayanamoorthi, India Country Manager and VP, MID Engineering, Analog & Connectivity Group at Renesas**. "We are proud to sign two MOUs under the MeitY C2S programme, focused on advancing research, fostering innovation, and nurturing product-focused engineers. These strategic collaborations align with the Make in India initiative, aiming to strengthen local design and manufacturing capabilities and empower homegrown talent to drive the future of industry."

### **MOUs under MeitY C2S programme**

Renesas and C-DAC signed two MOUs to collaborate in the field of VLSI and embedded semiconductor systems, with the aim of supporting local startups and academic institutions to accelerate innovation and foster self-reliance in India's semiconductor and product ecosystem. The C2S programme encompasses collaboration with over 250 academic institutions and R&D organizations across the country, including IITs, NITs, IIITs, government and private colleges, along with approximately 15 startups, creating a strong ecosystem for indigenous innovation.

- MOU for Startups: Renesas will help strengthen the product engineering capabilities of local startups by providing Renesas development boards and Altium Designer, the leading PCB design software.
- MOU for Academic Institutions: Renesas will support experiential learning by offering development boards, PCB education and training, Altium Designer software, and access to the Altium 365 cloud platform, aiming to empower the next generation of electronics engineers and nurture a community of innovators.

### **Opening of new offices in Bengaluru and Noida**

In May, Renesas consolidated and relocated its existing offices in Bengaluru and Noida into new, state-of-the-art office spaces, marking a significant milestone in the company's growth and expansion in India.

The new Bengaluru office is Renesas' largest site in India, encompassing world-class design teams, test labs, and comprehensive facilities to support employees. It brings together approximately 500 team members, including R&D engineers, business teams, and employees from the recently acquired Altium and Part Analytics, creating a unified and collaborative workspace. The facility is designed to leverage India's rich talent ecosystem to drive the development of innovative products.

The new Noida office brings the engineering and business teams together to accelerate the delivery of world-class high-performance compute solutions, driving automotive market growth through innovation, collaboration, and consistent execution. This strategic expansion reinforces Renesas' commitment to investing in top-tier local talent and strengthening its capabilities in R-Car system-on-chip (SoC) solutions. Designed to integrate cutting-edge tools and workflows, the new Noida site will further enhance synergy across the global engineering team and support Renesas' long-term strategy in this critical domain.

## *Tech Mahindra Announces Senior Leadership Elevations to Drive Strategic Market Growth*

13 May 2025

Tech Mahindra, a leading global provider of technology consulting and digital solutions to enterprises across industries, announced key leadership elevations to drive strategic growth in critical markets. **Manish Mangal** will take over as **Head – Americas Communications Business**, and **Sahil Dhawan** has been appointed **Head – India, Middle East, and Africa (IMEA) Business**.

Manish Mangal, in his expanded role, will lead Tech Mahindra's Communications business across the Americas, one of the company's most vital growth markets. His deep industry knowledge and track record of innovation position him to drive business transformation and unlock new opportunities for clients in the region. With over 27 years of global experience in the telecom industry, Manish has played a pivotal role in advancing 5G, AI, and cloud-native network technologies. He previously served as Chief Technology Officer – Telecom Business & Global Business Head – Network Services for Tech Mahindra.

Sahil Dhawan will drive Tech Mahindra's growth strategy and customer engagement across the IMEA region, a market of strategic importance to the company's long-term vision. His cross-functional experience and customer-centric leadership will help accelerate business expansion and deepen client relationships across key industries. Previously, Sahil Dhawan served as Senior Vice President & Global Head - Enterprise Applications. He led the global P&L across sales, delivery, solutions, and alliances for Tech Mahindra's expansive Enterprise Applications portfolio.

**Mohit Joshi, CEO and Managing Director, Tech Mahindra**, said, *“Manish and Sahil have been integral to our growth journey, consistently delivering impact through leadership and innovation. Their new roles reflect our commitment to strengthening market-specific strategies. I congratulate them and look forward to their continued success in shaping the next phase of Tech Mahindra's growth.”*

**Manish Mangal, Head – Americas Communications Business, Tech Mahindra,** said, *"It is a privilege to lead the Communications business in the Americas at a time of exciting transformation in the telecom sector. We are committed to building on our strengths and delivering cutting-edge solutions that help our clients navigate the future of connectivity."*

**Sahil Dhawan, Head – India, Middle East, and Africa Business, Tech Mahindra,** said, *"I am honored to take on the responsibility of leading the IMEA business. These regions hold significant potential, and together with the team, we aim to foster sustained growth, enhance client engagement, and provide innovative solutions that meet local market demands."*

Tech Mahindra continues to reinforce its leadership bench as it advances its strategic focus on delivering integrated, AI-first, and platform-led solutions. The company's growth strategy remains centered on empowering global enterprises with the speed, scale, and intelligence required to succeed in an increasingly digital economy.

## *Trace One and Connecting Food Partner to Bring Real-Time Transparency to Global Food Supply Chains*

13 May 2025

Trace One, a premier SaaS leader in Product Lifecycle Management (PLM) and compliance software tailored to the food & beverage, cosmetics & personal care, and chemical industries, and Connecting Food, a pioneer in real-time natural resources supply chain traceability, announced a strategic partnership designed to deliver unparalleled transparency from farm to shelf. This integrated solution unifies detailed product development data with real-time traceability, enabling retailers and manufacturers to confidently meet compliance requirements, reduce risk, and strengthen consumer trust.

### **Meeting New Regulatory Demands**

New regulations like the EU Deforestation Regulation (EUDR) and expanded ESG reporting standards require companies to provide precise, verifiable data on ingredient origins, land use, and social impacts. Traditional fragmented data management is insufficient. By combining Trace One's comprehensive PLM system, which manages product specifications and supplier data, with Connecting Food's real-time tracking of agricultural practices and logistics, businesses now have:

- A unified digital record from product concept through retail shelf
- Rapid, precise recalls that minimize disruption and costs
- Instant proof of compliance for deforestation-free sourcing, animal welfare standards, and social responsibility
- Improved supplier collaboration with shared data visibility
- Automation that frees quality, CSR, and procurement teams for strategic activities

### **How the Integrated Solution Works**

1. **Build & Approve:** Trace One's PLM system centralizes and validates product details, compliance criteria, and supplier approvals.
2. **Monitor & Analyze:** Connecting Food continuously tracks crop parcels, farming methods, factory production and logistics, immediately flagging any issues.
3. **Engage & Inform:** Consumers access detailed product origins, certifications, and journey via dynamic QR codes, turning transparency into a competitive advantage.

"Transparency is no longer optional—it's a market expectation," said **Maxine Roper, Co-Founder of Connecting Food**. "By linking our live-traceability modules with Trace One's PLM, we help companies turn regulatory challenges into commercial benefits. We put batch-level visibility at our clients' fingertips."

**Antoine Daviet, Chief Product Officer at Trace One**, added, "Combining Trace One's detailed PLM capabilities with Connecting Food's real-time transparency provides our customers unmatched control, extending from the product brief all the way to the consumer's smartphone."

## Event News

### *ENGYS to Host UGM 2025 in Detroit, USA*

13 May 2025

ENGYS is excited to announce the upcoming User Group Meeting (UGM) 2025, set to take place at The Madison in Detroit, MI, USA, on 21 and 22 October 2025. This event promises to bring together CFD professionals and users of ENGYS' open-source software tools, HELYX and ELEMENTS, for two days of insightful presentations, workshops, and networking.

#### ENGYS User Group Meeting 2025

- **Dates:** 21 to 22 October 2025
- **Location:** The Madison – Detroit, USA
- [REGISTER NOW](#)

#### Discover Our Latest Innovations

Explore the most recent advancements in CFD and simulation technologies developed by ENGYS. Gain valuable insights from industry experts and ENGYS developers as they present their latest research and case studies, showcasing practical applications and real-world solutions.

#### Enhance Your Skills

Take part in hands-on workshops and training sessions designed for both beginners and advanced users. Learn how to maximize the potential of HELYX and ELEMENTS to streamline your CFD workflows and boost engineering performance.

#### Connect with the CFD Community

Network with fellow CFD professionals from diverse industries. Share experiences, discuss innovative ideas, and build lasting connections that foster collaboration and growth.

#### Showcase Your Work

Take the opportunity to present your projects and research involving HELYX or ELEMENTS at the UGM 2025. Inspire your peers by sharing how you are pushing the boundaries of open-source CFD technologies.

Registrations are open now. [Reserve your spot](#) to be part of this essential event!

Additional details, including the event agenda, will be available soon. Stay updated by following our social media channels and visiting our website.

#### [REGISTER NOW](#)

We look forward to welcoming you at The Madison for this unique gathering of CFD professionals and enthusiasts.

### *Gaining a Competitive Edge in Automotive Virtualization: How Cooper Standard Accelerated Engineering Decisions with VCollab's Rapid Results Review™ Solution*

16 May 2025

*Learn how Cooper Standard modernized its CAE workflows—automating simulation post-processing, streamlining results reviews, and aligning with OEM digital testing requirements—to stay ahead in a virtual-first automotive landscape.*

**May 29, 2025**

**11:00 AM (Eastern US)**

#### [REGISTER](#)

#### Overview

As automotive OEMs accelerate the shift to virtual-first development, suppliers are under growing pressure to replace physical testing with simulation—many times requiring 3–5x more digital test results from simulation teams to satisfy these new demands, often without increasing Analyst headcount or resources.

In this new landscape, robust virtualization and automation of simulation processes are no longer optional—they're a competitive necessity.

Join us for a behind-the-scenes look at how Cooper Standard responded to this industry transformation by adopting VCollab's Rapid Results Review (RRR) solution. Discover how they automated critical CAE workflows, including post-processing and results reviews, to make faster, more informed engineering decisions while aligning with OEM expectations.

#### In this session, you'll learn:

- The growing industry pressure to reduce or eliminate physical testing across the automotive value chain

- How the shift toward virtualization is transforming OEM-supplier relationships and expectations
- Why simulation scalability has become a critical factor in OEM sourcing decisions
- How Cooper Standard leveraged VCollab's Rapid Results Review (RRR) solution to modernize CAE reporting and results reviews
- How RRR automates simulation post-processing and enables interactive 3D digital reporting
- The measurable impact: faster decisions, leaner workflows, more effective collaboration, and stronger program bids
- The strategic business benefits of building robust virtualization processes
- Cooper Standard's path to a more agile, efficient, and digitally mature product development process

**Presenter: Kastriot Shaska, PhD, PE, Director of Advanced Analytics, Global Technical Center**

In his role as a Director of Advanced Analytics at Cooper Standard, Kastriot has applied his expertise to enhance manufacturing processes, improve product performance, and drive efficiency in engineering operations. His work involves the development of innovative solutions for automotive Sealing and Fluid Transfer systems, ensuring high-quality standards, and optimizing production methodologies to meet industry demands.

With extensive experience in engineering, process optimization, and technical analysis, he holds a Six Sigma Black Belt certification, PE license and PhD in mechanical engineering showcases his deep expertise in Advanced Analytics, CAE, AI and process improvement methodologies. His background includes work in advanced engineering principles, with a focus on Virtual Validation, system analysis, and process optimization.

*Outperform with PROS 2025 Set to Showcase AI-Powered Innovation and Industry Leadership in Las Vegas*

12 May 2025

PROS Holdings, Inc., a leading provider of AI-powered SaaS pricing and selling solutions, kicked off its flagship event, Outperform with PROS 2025, at The Cosmopolitan of Las Vegas. The conference will run through May 14 and is set to bring together global executives, industry leaders and visionaries with a goal of empowering organizations to Outthink, Outpace and Outperform with smarter strategies, faster decision-making and responsible AI for real-time business transformation.

"Outperform 2025 will be an unparalleled opportunity for business leaders to gain actionable insights from world-class experts and industry pioneers embracing AI to unleash their organization's full potential and outperform the market," said Todd McNabb, Chief Revenue Officer, PROS. "As AI continues to reshape the commercial landscape, this year's conference

will provide the roadmap organizations need to unleash intelligent commerce and accelerate growth.”

### Headlining Topics and Keynote Sessions

- **AI R/Evolution from the Inside: AI isn't a Feature, it's a Corporate Competency**  
This workshop with Dr. Michael Wu, PROS Chief AI Strategist, will kick-off the event and explore AI in the workplace, equipping attendees with the knowledge to shape the future of work and best practices for using the full spectrum of AI technologies in enterprises.
- **Outthink, Outpace, Outperform**  
PROS President and CEO Andres Reiner will explore how leading organizations must Outthink, Outpace and Outperform by deploying AI knowledge engines to accelerate learning, scale workflows and automation, and utilize AI agents to unleash the full human potential of their workforce.
- **The Dawn of a New Revenue Super Cycle**  
Forrester Principal Analyst Rick Bradberry will discuss how shifts in buying behavior, technology and channels stress go-to-market (GTM) strategy and execution in unprecedented ways. Paradoxically, these disruptive forces are fueling an emerging revenue super cycle. To succeed in this new environment, we must unlearn much of what has made us successful in the past. Hear about the dynamic future of GTM strategy, what it means for leaders at all levels, and which practices to prioritize.
- **Unlocking the Future of Intelligent Commerce: How Agentic AI is Redefining Business**  
PROS Chief Product Officer Sunil John and PROS Executive Vice President of Engineering Ajay Damani unveil the latest AI innovations across the PROS Platform, showcasing how AI agents empower businesses to navigate today's dynamic market conditions with speed and agility.

Outperform with PROS is a premier 3-day conference for professionals across industries, focused on driving profitable growth. Through expert-led sessions, hands-on experiences and networking opportunities, attendees will gain actionable insights into price optimization, revenue management and customer engagement, equipping them to thrive in today's evolving business landscape.

### *Schneider Electric Unveils Innovations Advancing American Manufacturing at Automate 2025*

12 May 2025

Schneider Electric, a leader in energy management and automation, will present its latest innovations in open, software-defined automation and advanced technologies at Automate 2025. The company will demonstrate how it is enhancing the competitiveness and resilience of U.S. industry through state-of-the-art robotics, industrial AI, and digitalization.

At the exhibition, the company will introduce its industrial copilot, developed in collaboration with Microsoft. Designed to boost productivity and enhance workforce efficiency it integrates

Microsoft Azure AI Foundry with Schneider Electric's advanced and secure industrial automation solutions. Eliminating repetitive tasks, this Generative AI-powered assistant allows users to collaborate, supports simplification of application development delivering efficiency gains and bringing quality solutions to market faster.

Industrial copilots are increasingly adopted to address labor shortages and enhance complex operations. They empower workers by reducing mental strain, providing support, and retaining knowledge despite high turnover. By automating routine tasks, copilots boost productivity and allow workers to focus on complex activities. They improve efficiency with real-time recommendations, leading to smoother operations and quicker decisions. Copilots also minimize machine downtime with immediate troubleshooting and predictive maintenance, integrate data for better decision-making, and reduce manual work, saving costs.

“We are at a pivotal moment where industry must reimagine and redefine what is possible by leveraging the latest technologies, including AI, advanced robotics, and software-defined automation,” said **Aamir Paul, President of North America Operations at Schneider Electric**. “To enhance US competitiveness and address the growing skills gap, the industrial workforce needs new tools. Our copilot, developed in collaboration with Microsoft, bridges this gap by simplifying processes and boosting worker confidence. It ensures that engineers and operators can leverage Schneider Electric's deep domain expertise to bring systems online faster and optimize them for long-term success.”

Building on Schneider Electric's leadership in open, software-defined automation and leveraging the flexibility of EcoStruxure Automation Expert, the world's first open software, defined automation solution, the copilot will be available within Schneider's newly launched unified automation environment, EcoStruxure Automation Expert Platform. The EcoStruxure Automation Expert Platform integrates seamlessly across various hardware and software platforms, enhancing collaboration between copilots, operators, and engineers by incorporating real-time data access, which is crucial for providing accurate recommendations, predictive maintenance, and immediate troubleshooting.

Visitors to the Automate booth will experience EcoStruxure Automation Expert at the heart of the digital factory campus, demonstrated through the lens of a brewery setup. They will witness firsthand how open, software-defined automation is connecting ecosystems to enhance daily operations, driving engineering and operational efficiency through its adaptable and modular design, enhancing supply chain resilience while reducing total cost of ownership.

#### **More solutions on display at Schneider Electric's Automate booth Hall A-D, #1832**

**Next generation motion system:** The newly launched Modicon M660 Industrial PC (IPC) motion controller and Modicon Edge I/O NTS, combined with advanced software, set a new benchmark in motion control. The Modicon Integrated Motion System leverages edge computing, AI, and advanced control algorithms to redefine efficiency, enabling smarter decision-making and optimizing performance.

**Flexible and efficient robotics:** The Lexium line of industrial robots, from single-axis to high-performance multi-axis machines, enhances manufacturing flexibility and productivity. These robots integrate seamlessly into unified control systems, enabling real-time synchronization, collaborative data flow, high-speed motion, and precise positioning in manufacturing and logistics. The Lexium MC12 Multi Carrier system boosts flexibility by moving, positioning, or grouping objects, reducing changeover time, and minimizing footprint. The Lexium Cobot range, designed for human collaboration, has been extended with an 18kg payload version and a compact controller for easy integration into your various setups. The new Lexium SCARA, an ultra-compact, high-speed robot for pick-and-place tasks, completes the Lexium robots family.

**Centralised real time view of operations for better decision making:** AVEVA Enterprise Visualization provides a real-time overview of operations across dispersed assets, integrating data from multiple sources and software products into a tailored dashboard. Whether focusing on productivity levels, production quality, sustainability, or maintenance project progress, it offers the data for informed decision-making with a centralized view of process operations.

**Toolless contactor redefining efficiency in motor control:** TeSys Deca Advanced transforms motor management with its innovative SNAP IN technology. Engineered for resilience in harsh environments, this industry leading toolless contactor sets a new benchmark for efficiency. Eliminating the need for tools and crimping, it offers seamless, error-free connections that accelerate installation by up to 75% and enable precise, ready-to-robot wiring.

### *Trimble Opens Registration for 2025 Insight Tech Conference*

15 May 2025

Trimble® has opened registration for its annual Trimble Insight Tech Conference running November 16-18, 2025 at the Ernest N. Morial Convention Center in New Orleans: <https://transportation.trimble.com/about/insight>.

Trimble Insight is back for its eighth year as a three-day festival-style event. Bringing together over 1,500 experts, carriers, shippers, logistics providers and leading tech innovators at the forefront of the transportation industry, the conference offers an unparalleled experience for education, innovation and collaboration.

With over 200 educational sessions designed to help customers optimize their use of Trimble solutions and services, attendees will hear from industry experts on the latest in transportation, including AI-powered logistics, market challenges and opportunities, the evolution of operational management and more. With a greater focus on shippers, attendees will gain access to shipper-centric thought leaders and opportunities to learn how to win the market. Sessions will cover topics critical to shippers including procurement, freight audit, dock and yard management, and real-time visibility.

"Trimble Insight provides a valuable opportunity to connect with peers across the transportation industry and engage directly with the Trimble team. It's a chance to gain perspective on where the industry is heading and how Trimble's technology can support your business," said Scott Nelson, vice president of IT client services for NFI.

### Keynote & What's New

Insight also welcomes keynote speaker Molly Fletcher, one of the first female agents to represent the biggest names in professional sports. Hailed as the "female Jerry Maguire," Fletcher negotiated over \$500 million in contracts and represented more than 300 world renowned athletes, coaches and broadcasters during her fifteen-year career.

In 2024, Insight hosted 200+ educational sessions and welcomed more than 1,400 attendees. This year's conference features an expanded podcast station, additional speaking customer and partner opportunities and new ways to network and explore "The Big Easy." Back for a second year by popular demand, the Insight Pavilion features sessions across six stages and offers space to meet sponsors, connect with peers or unwind.

### Join Us in New Orleans

Insight is one of the largest gatherings of carriers, shippers, brokers, 3PLs and transportation technology providers in the industry and is open to anyone who is interested in learning more about transportation trends, technology and innovation. Attendees who purchase a ticket will have access to all sessions, the Insight Pavilion and evening events.

"Insight is set to be our most innovative and impactful event yet. We're excited to bring together industry leaders, partners and our valued customers to explore the future of technology and its transformative potential," said Michael Kornhauser, sector vice president, transportation & logistics at Trimble. "This year's conference will focus on the expansion of our connected transportation ecosystem, with cutting-edge advancements and AI-power solutions — all aimed at driving efficiency and growth for our customers."

To register for Trimble Insight Tech Conference or learn about sponsorship opportunities, visit: <https://trimble.swoogo.com/insight25-event>

## Financial News

### *3D Systems Reports First Quarter 2025 Financial Results*

12 May 2025

3D Systems Corporation announced its financial results for the first quarter ended March 31, 2025.

- Revenue of \$95 million as growth in new hardware systems and related services was offset by a decline in materials sales driven primarily by inventory management in the dental aligner market.
- Previously announced \$50 million cost savings initiative proceeding on schedule for completion by mid-2026. Reduction in operating expenses in Q1 continues to reflect the Company's focus on cost and efficiency.
- Company announcing an additional cost reduction initiative estimated to deliver \$20 million incremental savings in 2025 to accelerate organizational alignment in response to potential macroeconomic and tariff risks.

- Company withdrawing full year guidance due to risk of protracted weakness in customer capex spending. Top priority on delivering profitability at current scale. Strong new product portfolio spanning all metal and polymer platforms positions company well for accelerated growth and profitability when customer capex rebounds.
- Balance sheet significantly strengthened as April sale of Geomagic portfolio provided over \$100 million post-tax increase to Company cash reserves, which totaled approximately \$250 million as of April 30, 2025.

### Summary Comments on Results

Dr. Jeffrey Graves, president and CEO of 3D Systems said, “Our first quarter revenues reflect a continuation of challenging top-line pressures as many customers are delaying their capital investments in order to get greater clarity around potential tariff impacts on their manufacturing and distribution strategies. This is in addition to the ongoing geopolitical and broader macroeconomic uncertainty that we have been experiencing for some time. We believe that these factors led to a noticeable dampening of our customers’ near-term capital spending, particularly in consumer-facing and service bureau related end markets. While we were pleased to see this growth in new printer sales for the second straight quarter, the rate was clearly impacted by these capital spending delays. Encouragingly, this growth in printer sales was driven predominantly by our newest hardware systems, as our strengthened technology portfolio delivered strategic wins for all three of our metal printing platforms, and steady growth broadly in Aerospace and Defense markets. These wins bode well for the future, particularly in the high-reliability Healthcare and Industrial markets, which include Aerospace and Defense, and AI infrastructure, areas that have been an increasing focus for us for some time. These trends were true not only in our US markets, but also in Europe, Asia and the Middle East. With regard to materials sales, the decline we experienced was primarily related to short-term inventory management in the dental orthodontics market. More broadly within our Healthcare segment, we delivered impressive results in spite of the broader economy, with 17% growth in our Personalized Healthcare business, and 18% in our manufacturing operations for FDA-approved parts – both crucial elements of our growth strategy moving forward.”

Dr. Graves continued, “While margins remained under pressure given lower volumes and less favorable mix, we are focused intently on the items within our direct control. In this respect, our cost reduction plans that we announced last quarter are gaining momentum and contributed approximately \$5 million of year-over-year improvement in operating expenses in Q1. While this is the progress we had anticipated, as we continue to assess the unpredictability of the current demand environment, we are taking a more conservative view with respect to revenue expectations for the remainder of 2025 and have announced additional, incremental actions to drive profitability improvements. These latest actions will ensure that our organizational capacity is aligned to our current demand environment. These new actions will be taken in the short term and are designed to deliver \$20 million of in-year savings for 2025. Our deliberate preservation of R&D investments over the last few years has yielded a significant wave of new technology introduction across the entirety of our product portfolio, including both our polymer and metal platforms. While the short-term impact on profitability

from these investments has been painful, based upon the strong customer interest we have received in these new products, we believe the strength of our offerings and the groundwork we have laid through our application specialists, will be a key competitive differentiator in the market as the headwinds on customer capex spending recede and new production inroads are expanded upon. This is particularly true in metal applications, where our new systems are increasingly preferred for high-quality/high-reliability component manufacturing, for applications within the human body, and in advanced industrial systems. With many of these new products now entering the critical phase of commercialization, our focus can expand to cost reduction activities, including significant footprint consolidations, simplification and modernization of our back-office activities, and a reorganization of our workforce to better align it with current market conditions. Given the scale of our company, we believe these actions can deliver profitability and the positive cash performance needed to sustain our development efforts and serve our customers' production needs as they expand around the world. In addition, with the closing of our Geomagic asset sale in early April, we have strengthened our balance sheet by adding over \$100 million of net proceeds, ending the most recent month with approximately \$250 million of cash."

Dr. Graves concluded, "So, in short, we have followed a very deliberate strategy for the last three years of investing to be a technology leader in both metals and polymers, and one that has full control over all design, production and sourcing operations that are essential to the quality of our products, as the market for new production applications of 3D printing now opens in earnest. While the short term headwinds driven by tariff risks and other factors are painful and require us to implement significant cost savings initiatives, in the longer-term the new opportunities for localized manufacturing within the US, Europe, India and other nations is a significant driver for long-term value creation for all of our stakeholders."

### **First Quarter 2025 Results**

Revenue for the first quarter of 2025 decreased 8% to \$94.5 million compared to the same period last year. The revenue decrease primarily reflects lower materials sales, partially offset by growth in services and hardware systems.

Healthcare Solutions revenue decreased 9% to \$41.3 million compared to the prior year period.

Industrial Solutions revenue decreased 7% to \$53.2 million compared to the prior year period.

Gross profit margin for the first quarter of 2025 was 34.6% compared to 39.8% in the same period last year. Non-GAAP gross profit margin was 35.0% compared to 40.1% in the same period last year and decreased primarily due to lower volumes and unfavorable price and mix.

Net loss attributable to 3D Systems Corporation increased by \$21.0 million to a loss of \$37.0 million in the first quarter of 2025 compared to the same period in the prior year.

Adjusted EBITDA decreased by \$3.8 million to a loss of \$23.9 million in the first quarter of 2025 compared to the same period last year primarily driven by lower volumes and unfavorable price and mix, partially offset by an improvement in operating expenses as result of previously announced cost reduction actions.

## 2025 Outlook

Due to the risk of protracted weakness in customer capital investment spending, the Company is withdrawing full year guidance for 2025 as it continues to focus on delivering profitability at its current scale. The Company believes with its strong new product portfolio, spanning all metal and polymer platforms, it is well-positioned for accelerated growth and profitability when customer spending on capex rebounds.

## Financial Liquidity

At March 31, 2025, cash and cash equivalents totaled \$135.0 million and decreased \$36.3 million since December 31, 2024. This decrease resulted primarily from cash used in operations of \$33.8 million and capital expenditures of \$2.8 million. At March 31, 2025, the company had total debt, net of deferred financing costs of \$212.3 million.

## Q1 2025 Conference Call and Webcast

The company will host a conference call and simultaneous webcast to discuss these results on May 13, 2025, which may be accessed as follows:

Date: Tuesday, May 13, 2025

Time: 8:30 a.m. Eastern Time

Listen via webcast: [www.3dsystems.com/investor](http://www.3dsystems.com/investor)

Participate via telephone: 201-689-8345

A replay of the webcast will be available approximately two hours after the live presentation at [www.3dsystems.com/investor](http://www.3dsystems.com/investor).

## *CENIT withstands the economic crisis and records stable sales development (+ EUR 963 k/+1.9%) in Q1-2025*

14 May 2025

**CENIT achieved sales slightly above the previous year's level despite the extremely difficult market environment. After three months, CENIT Group has generated sales revenues of EUR 51,508 k (previous year: EUR 50,545 k/+1.9%). Sales of third-party software decreased by -4.9% to EUR 24,917 k (previous year: EUR 26,188 k). Sales of CENIT's own software decreased slightly from EUR 4,472 k to EUR 4,409 k (-1.4%). Sales revenues in the CENIT consulting and services segment increased by 11.5% to EUR 22,147 k (previous year: EUR 19,856 k).**

Gross profit (operating performance less cost of materials) amounted to EUR 30,960 k (previous year: EUR 29,352 k) and thus increased by 5.5%. Due to the personnel measures already announced and the associated expenses in the amount of EUR 3,349 k, CENIT achieved an EBITDA of EUR -2,439 k (previous year: EUR 3,146 k />-100.0%), an EBITA of EUR -4,020 k (previous year: EUR 1,826 k/>-100.0%) as well as an EBIT of EUR -5,435 k (previous year: EUR 1,239 k/>-100.0%). Earnings per share amounted to Cent -56.3 (previous year: Cent 0.3).

## Asset and Financial Situation

As of the balance sheet date, equity amounted to EUR 42,392 k (Dec. 31, 2024: EUR 47,437 k). The equity ratio amounted to 25.7% (Dec. 31, 2024: 30.3%). Bank balances, cash and cash equivalents amounted to EUR 27,029 k as of the balance sheet date (Dec. 31, 2024: EUR 16,457 k). Operating cash flow totaled EUR 11,660 k (previous year: EUR 12,537 k), mainly due to the change in working capital.

### Employees

As of March 31, 2025, the number of employees in the Group was 982 (Dec. 31, 2024:984). Personnel expenses of the CENIT Group amounted to EUR 28,737 k in the reporting period (previous year: EUR 22,100 k). The increase in personnel expenses is mainly due to personnel measures as part of the performance program.

### Outlook

For the current year, our outlook for the CENIT Group is to reach a revenue of around EUR 229,000 - 234,000 k and operate earnings (EBITA) of around EUR 12,400 k. This forecast does not include any acquisition effects.

## *DXC Technology Reports Fourth Quarter and Full Year Fiscal 2025 Results*

14 May 2025

DXC Technology reported results for the fourth quarter and full year fiscal 2025.

“Our fourth quarter results represent continued progress toward our goal of achieving sustained, profitable revenue growth,” said DXC Technology President and CEO, Raul Fernandez. “For the second consecutive quarter, we reported bookings growth of more than 20% and book to bill ratios of greater than 1. While the macro backdrop remains uncertain, we're staying focused on our priorities, delivering our deep and broad capabilities to our customers, driving performance with a newly energized and engaged employee base, and continuing to build a culture of accountability, collaboration, and urgency.”

### **Financial Highlights - Fourth Quarter Fiscal Year 2025**

- Total revenue was \$3.17 billion, down 6.4% year-over-year (down 4.2% on an organic basis)<sup>(1)</sup>.
- EBIT was \$350 million, with a corresponding margin of 11.0% compared to (\$289) million in the prior year quarter. Adjusted EBIT<sup>(2)</sup> was \$230 million, down 19.0% year-over-year, with a corresponding margin<sup>(2)</sup> of 7.3%.
- Diluted earnings per share was \$1.43, compared to (\$1.10) in the prior year quarter. Non-GAAP diluted earnings per share<sup>(3)</sup> was \$0.84, down 13.4% year-over-year.
- Cash generated from operations was \$315 million, up 12.5% year-over-year. Free cash flow<sup>(4)</sup> was \$111 million in the fourth quarter of fiscal year 2025, compared to \$155 million in the fourth quarter of fiscal year 2024.
- Book to Bill ratio of 1.22x, compared to 0.94x in the fourth quarter of fiscal year 2024.

### **Segment Highlights - Fourth Quarter Fiscal Year 2025**

**Global Business Services ("GBS")**

- Revenue was \$1.63 billion, down 4.8% year-over-year (down 2.4% on an organic basis).<sup>(1)</sup>
- Segment profit was \$178 million, down 21.9% year-over-year, with a corresponding margin of 10.9%.
- Book to Bill ratio of 1.16x, compared to 0.99x during the fourth quarter of fiscal 2024.

**Global Infrastructure Services ("GIS")**

- Revenue was \$1.54 billion, down 8.1% year-over-year (down 6.0% on an organic basis).<sup>(1)</sup>
- Segment profit was \$107 million, down 14.4% year-over-year, with a corresponding margin of 7.0%.
- Book to Bill ratio of 1.28x, compared to 0.89x during the fourth quarter of fiscal 2024.

**Financial Highlights - Full Year Fiscal 2025**

- Total revenue was \$12.87 billion, down 5.8% year-over-year (down 4.6% on an organic basis)<sup>(1)</sup>.
- EBIT was \$696 million, up 260.6% year-over-year with a corresponding margin of 5.4%. Adjusted EBIT<sup>(2)</sup> was \$1,019 million, up 1.0% year-over-year, with a corresponding margin<sup>(2)</sup> of 7.9%.
- Diluted earnings per share was \$2.10, up 356.5% year-over-year. Non-GAAP diluted earnings per share<sup>(3)</sup> was \$3.43, up 10.6% year-over-year.
- Cash generated from operations was \$1,398 million, up 2.7% year-over-year. Free cash flow<sup>(4)</sup> was \$687 million in the full year of fiscal year 2025, compared to \$756 million in the full year fiscal 2024.
- Book to Bill ratio of 1.03x, compared to 0.91x in the full year fiscal 2024.

**Segment Highlights - Full Year Fiscal 2025****Global Business Services ("GBS")**

- Revenue was \$6.65 billion, down 2.6% year-over-year (down 1.0% on an organic basis).<sup>(1)</sup>
- Segment profit was \$797 million, down 4.6% year-over-year, with a corresponding margin of 12.0%.
- Book to Bill ratio of 1.03x, compared to 0.96x during the full year fiscal 2024.

**Global Infrastructure Services ("GIS")**

- Revenue was \$6.23 billion, down 9.1% year-over-year (down 8.2% on an organic basis).<sup>(1)</sup>

- Segment profit was \$451 million, up 4.2% year-over-year, with a corresponding margin of 7.2%.
- Book to Bill ratio of 1.03x, compared to 0.86x during the full year fiscal 2024.

### **Full Year Fiscal 2026 and First Quarter Fiscal Year 2026 Guidance**

#### **Full Year Fiscal 2026**

- Total revenue in the range of \$12.18 billion and \$12.44 billion, a decline of 5.0% to 3.0% on an organic basis<sup>(1)</sup>.
- Adjusted EBIT margin<sup>(2)</sup> of 7.0% to 8.0%.
- Non-GAAP diluted EPS<sup>(3)</sup> of \$2.75 to \$3.25.
- Free Cash Flow<sup>(4)</sup> of ~\$600 million.

#### **First Quarter Fiscal 2026**

- Total revenue in the range of \$3.04 billion and \$3.09 billion, a decline of 5.5% to 4.0% year-over-year on an organic basis.<sup>(1)</sup>
- Adjusted EBIT margin<sup>(2)</sup> of 6.0% to 7.0%.
- Non-GAAP Diluted EPS<sup>(3)</sup> of \$0.55 to \$0.65.

<sup>(1)</sup> Revenue growth on an organic basis is a non-GAAP measure and is calculated by restating current-period activity using the prior fiscal period's foreign currency exchange rates, adjusted for the impact of acquisitions and divestitures. A reconciliation of GAAP to non-GAAP measure are attached to this release.

<sup>(2)</sup> Adjusted EBIT and Adjusted EBIT margin are non-GAAP measures. Reconciliations of GAAP Net Income to such measures are attached to this release.

<sup>(3)</sup> Non-GAAP diluted earnings per share is a non-GAAP measure. A reconciliation of GAAP diluted earnings per share to non-GAAP diluted per share is attached to this release.

<sup>(4)</sup> Free cash flow is a non-GAAP measure. Free cash flow is calculated by subtracting capital expenditures (Purchase of Property, Plant & Equipment, Transition and Transformation Contract Costs and Software Purchased or Developed) from cash flow from operations. Free cash flow for the fourth quarter of fiscal year 2025 is calculated by subtracting capital expenditures of \$204 million from cash flow from operations of \$315 million. Free cash flow for the fourth quarter of fiscal year 2024 is calculated by subtracting capital expenditures of \$125 million from cash flow from operations of \$280 million. Free cash flow for the full year of fiscal year of 2025 is calculated by subtracting capital expenditures of \$711 million from cash flow from operations of \$1,398 million. Free cash flow for the full year of fiscal year 2024 is calculated by subtracting capital expenditures of \$605 million from cash flow from operations of \$1,361 million.

Additional metrics for the first quarter and full year fiscal 2026 guidance are presented in the table below.

	Q1 FY26 Guidance		FY26 Guidance	
	Lower End	Higher End	Lower End	Higher End
<b>Revenue</b>				
YoY Organic Revenue %	(5.5)%	(4.0)%	(5.0)%	(3.0)%
Acquisition & Divestitures Revenues %	(0.2)%		(0.1)%	
Foreign Exchange Impact on Revenues %	(0.4)%		(0.3)%	
<b>Others</b>				
Net Interest Expense (\$M)	~\$15		~\$60	
Non-GAAP Tax Rate	~40%		~35%	
<b>Foreign Exchange Assumptions</b>	<b>Current Estimate</b>		<b>Current Estimate</b>	
\$/Euro Exchange Rate	\$1.09		\$1.09	
\$/GBP Exchange Rate	\$1.27		\$1.27	
\$/AUD Exchange Rate	\$0.60		\$0.60	

DXC does not provide reconciliations of non-GAAP measures included in its guidance because certain key information necessary for such reconciliations—most notably the impact of significant non-recurring items—is unavailable without unreasonable effort or may not be available at all. As a result, DXC believes any such reconciliation would not be meaningful.

### Earnings Conference Call and Webcast

DXC Technology senior management will host a conference call and webcast to discuss fourth quarter fiscal 2025 results at 5:00 p.m. ET on May 14, 2025. The dial-in number for domestic callers is 888-330-2455. Callers who reside outside of the United States should dial +1-240-789-2717. The passcode for all participants is 4164760#. The webcast audio and any presentation slides will be available through a link posted on DXC Technology’s Investor Relations website.

A replay of the conference call will be available approximately two hours after its conclusion until 11:59 PM ET on May 21, 2025, at 800-770-2030 for domestic callers and at +1-647-362-9199 for international callers. The replay passcode is 4164760#. A transcript of the conference call will be posted on DXC Technology’s Investor Relations website.

## *HOMAG Group: Earnings show upward trend in the first quarter*

13 May 2025

**In the first quarter of 2025, the HOMAG Group's order intake and sales were at approximately the same level as last year. Earnings improved thanks to cost reductions and a robust service business. There are still no signs of a market recovery at present.**

The HOMAG Group's order intake increased by four percent to EUR 391 million in the first three months of 2025 (previous year: EUR 377 million). "We recorded a slight upward trend in orders for individual machines," explains CEO Dr. Daniel Schmitt. "However, the market situation remains challenging and we do not yet see a significant recovery." The order backlog had decreased to EUR 814 million as of March 31, 2025 (March 31, 2024: EUR 871 million).

Sales decreased slightly compared to the previous year to EUR 335 million (previous year: EUR 347 million). EBIT before extraordinary effects increased by 25 percent to EUR 13.5 million (previous year: EUR 10.8 million). In addition to the cost savings resulting from the staff reductions completed in the previous year, the favorable development of the service business also had a positive impact in this regard. The number of employees was reduced to 6,665 as of March 31, 2025 (March 31, 2024: 7,097 employees).

Dr. Schmitt is optimistic about the world's leading industry trade fair, LIGNA, which will be held in Hanover at the end of May: "At LIGNA, we will present our comprehensive portfolio, which is unique in the market, and underline our position as market and technology leader."

## *Siemens AG: Successful second quarter – Outlook confirmed*

15 May 2025

Siemens continued its successful growth trajectory also in Q2 2025 (ended March 31, 2025), with considerable increases in nearly all key performance indicators. Against this backdrop of positive business development, the company confirms its outlook for fiscal 2025 despite increased uncertainty in the economic environment.

"We've achieved another successful quarter, with orders, revenue and net income all showing clear growth. Our customers continue to rely on our technology, and our global footprint demonstrates our resilience," said Roland Busch, President and CEO of Siemens AG. "With our ONE Tech Company program, we're making bold moves to scale our technologies. The acquisition of Altair and the planned acquisition of Dotmatics will bring new AI offerings to our customers and open up new opportunities in growth markets such as life sciences."

"By focusing on rigorous execution, we again successfully converted clear revenue growth into strong profit and solid free cash flow. We completed the acquisition of Altair successfully and very quickly just before the close of our second quarter. We confirm our outlook for fiscal 2025," said Ralf P. Thomas, Chief Financial Officer of Siemens AG.

### **Clear growth in orders and revenue**

In Q2 2025, Siemens increased revenue 6 percent on a comparable basis – that is, excluding currency translation and portfolio effects – to €19.8 billion (Q2 2024: €18.5 billion). Orders

totaled €21.6 billion, a 9 percent increase year-over-year on a comparable basis (Q2 2024: €19.7 billion). The book-to-bill ratio was a strong 1.10. The order backlog at the end of Q2 2025 totaled €117 billion and was of high quality.

Profit Industrial Business increased nearly a third to €3.2 billion (Q2 2024: €2.5 billion) on strong operational execution and a €0.3 billion gain related to exiting the wiring accessories business at Smart Infrastructure. The corresponding profit margin of the Industrial Business was 16.9 percent (Q2 2024: 14.0 percent).

Net income climbed 11 percent to €2.4 billion (Q2 2024: €2.2 billion). This increase was due mainly to higher Profit Industrial Business. Corresponding basic earnings per share before purchase price allocation accounting (EPS pre PPA) were €3.00 (Q2 2024: €2.73) and thus 10 percent higher than in the prior-year quarter.

Free cash flow all-in at Group level from continuing and discontinued operations reached €1.0 billion (Q2 2024: €1.3 billion). At €2.1 billion, free cash flow from the Industrial Business remained at the level of the prior-year quarter, with the highest contribution coming from Smart Infrastructure.

### **Higher profitability at Smart Infrastructure and Mobility**

Orders at Digital Industries reached the prior-year level of €4.3 billion (Q2 2024: €4.3 billion), whereby orders at the automation business grew considerably on higher demand in China, where destocking of elevated stock levels at customers approached completion toward the end of Q2 2025. On the other hand, automation orders declined significantly in Germany, and order intake in the electronic design automation (EDA) software business was, as expected, lower compared to the strong Q2 2024. Revenue was down 5 percent to €4.3 billion, a moderate decline year-over-year (Q2 2024: €4.5 billion). Revenue at the automation business declined much less than in previous quarters. In the software area, growth at the product lifecycle management (PLM) software business was more than offset by a significant decline in the EDA business compared to the strong Q2 2024. Profit, which totaled €634 million (Q2 2024: €741 million), and profitability, which totaled 14.8 percent (Q2 2024: 16.5 percent), declined mainly due to lower revenue at the EDA business and expenses of €27 million related to the closing of the Altair acquisition.

At €6.0 billion, orders at Smart Infrastructure came in only slightly below the strong prior-year figure (Q2 2024: €6.1 billion), which had reflected a particularly large number of contracts from data center customers. Revenue increased at all businesses and in all reporting regions, climbing 10 percent on a comparable basis to €5.7 billion (Q2 2024: €5.1 billion), with the largest contribution coming from the electrification business, which executed strongly on its large order backlog from data center and energy customers. Smart Infrastructure continued to increase profit and profitability year-over-year due to higher revenue, greater capacity utilization and ongoing productivity increases. Profit soared 61 percent to €1.4 billion (Q2 2024: €854 million), and the profit margin rose more than 7 percentage points to 24.0 percent (Q2 2024: 16.6 percent), whereby both profit and profitability benefited from a €315 million gain related to exiting the wiring accessories business.

At Mobility, orders rose 22 percent on a comparable basis to €3.9 billion (Q2 2024: €3.2 billion) on a substantially higher volume of large orders, which included significant contract wins in Europe and the Americas, such as orders totaling €0.6 billion for the delivery of dual-mode and battery-electric locomotives in the U.S. Mobility increased its revenue by 12 percent on a comparable basis to €3.2 billion (Q2 2024: €2.8 billion) on growth at all businesses, led by the rolling stock and customer services businesses. Profit climbed 23 percent to €291 million (Q2 2024: €237 million). This increase was driven by an improvement at nearly all businesses and included a strong contribution from the customer services business. The corresponding profit margin rose to 9.1 percent (Q2 2024: 8.4 percent).

### *Velo3D Announces First Quarter 2025 Financial Results*

13 May 2025

Velo3D, Inc., a leader in additive manufacturing (AM) technology known for transforming aerospace and defense supply chains through world-class metal AM, announced financial results for its first quarter ended March 31, 2025.

#### **Recent Business Developments**

- Demand mix shift to Rapid Production Services (RPS) underway
  - RPS backlog increased 3x as compared to year-end 2024
  - New customers represented more than 75% of 1Q'25 bookings
  - 50% demand from defense sector
- Signed a five-year, \$15 million master services agreement (MSA) with Momentus, Inc. to leverage to RPS Offering
- Signed a five-year exclusive supply agreement with Amaero Advanced Materials & Manufacturing, Inc. ("Amaero") advancing efforts to re-shore advanced manufacturing and accelerate the adoption of additive manufacturing
- Received an order for a fourth Sapphire XC printer from Mears Machine Corporation to support the continued development of aerospace and industrial-related programs
- Announced an agreement with Ohio Ordinance Works, Inc. to provide RPS as part of its 3D Printed Military Weapons Development initiative.
- Appointed retired U.S. Army Green Beret, Brice Cooper, as Vice President of Defense and Government Relations
- Appointed retired Navy Rear Admiral Jason Lloyd and Kenneth Thieneman to Board of Directors
- Upgraded to OTCQX® Best Market from the Pink® market

"Momentum is building across our business as we implement a number of strategic initiatives that we believe position Velo3D for sustainable, long-term growth and a return to profitability," said Arun Jeldi, CEO of Velo3D. "We are seeing early results from our new go-to-market

strategy, which is gaining significant traction with both new and existing customers, particularly in the defense and aerospace industries where domestic supply chain resiliency is a priority."

Jeldi, continued, "A \$15 million, five-year MSA with Momentus, along with our exclusive supply agreement with Amaero, further validates our RPS offering and underscores our expanding role in reshoring critical manufacturing capabilities in the U.S. RPS is designed to address the growing demand for scalable, high-quality parts by providing a seamless path from design to production. It reduces design cycles, accelerates production qualification and ensures consistent output through a U.S.-based supply chain. Awareness and interest are accelerating among top-tier companies in defense, aerospace and technology, and we believe RPS could account for up to 40% of our revenue by 2026."

Jeldi continued, "We further strengthened our leadership team with the appointment of retired U.S. Army Green Beret Brice Cooper as Vice President of Defense and Government Relations and welcomed Rear Admiral Jason Lloyd and Kenneth Thieneman to our Board of Directors. Their deep industry and defense expertise will be instrumental as we expand our presence in key strategic markets."

Jeldi, concluded, "With a number of initiatives in motion, we believe we are in a strong position to execute our strategy and reclaim our leadership in additive manufacturing. We are already seeing measurable improvements in performance and expect sequential quarterly progress throughout 2025."

<b>(\$ in Millions, except percentages and per-share data)</b>	<b>1st Quarter 2025</b>	<b>1st Quarter 2024</b>
GAAP revenue	\$9.3	\$9.8
GAAP gross margin	7.5 %	(28.8) %
GAAP net loss <sup>1</sup>	(\$25.4)	(\$28.3)
GAAP net loss per share - basic and diluted	(\$0.13)	(\$3.81)
Non-GAAP net loss <sup>2</sup>	(\$8.9)	(\$20.2)
Non-GAAP net loss per share - basic and diluted <sup>2</sup>	(\$0.04)	(\$2.71)

- 1. Information about Velo3D's use of non-GAAP information, including a reconciliation to U.S. GAAP, is provided at the end of this release under "Non-GAAP Financial Information". The non-GAAP financial measures presented in this release should not be considered as the sole measure of the company's performance and should not be considered in isolation from, or as a substitute for, comparable financial measures calculated in accordance with generally accepted accounting principles accepted in the United States.**

- 2. Non-GAAP net loss and non-GAAP net loss per diluted share exclude stock-based compensation expense, gain on exchange of debt for common stock, fair value adjustments for the Company's warrants, contingent earnout and debt derivative and loss on extinguishment of debt.**

### Summary of First Quarter 2025 Results

Revenue was \$9.3 million. System revenue decreased compared to the first quarter of 2024, driven by a modest decrease in the number of printer sales, consistent with our strategy of maintaining Average Selling Price (ASP) by targeting high-value customers. While system sales are expected to remain the primary driver of revenue in 2025, the company anticipates that, under its new go-to-market strategy, its RPS parts production business will contribute an increasing share of revenue beginning in the second half of the year.

Gross margin for the first quarter was 7.5% compared to negative 28.8% in the first quarter of 2024. The improvement is a result of continued Build of Materials (BOM) cost reduction as well as manufacturing process optimization. The company expects gross margin to improve throughout 2025 as a result of operational efficiencies and an anticipated ramp-up of its Rapid Production Solutions business.

Operating expenses for the first quarter were \$12.6 million compared to \$18.6 million in the first quarter of 2024. Non-GAAP operating expenses, which excludes stock-based compensation expense of \$3.9 million, were \$8.8 million, down from \$14.1 million in the first quarter of 2024.

GAAP net loss for the first quarter was \$25.4 million compared to a loss of \$28.3 million in the first quarter of 2024.

Non-GAAP net loss was \$8.9 million in the three months ended March 31, 2025, which excludes the non-cash loss from the warrant cancellation transaction that eliminated significant future liabilities. Adjusted EBITDA for the quarter was negative \$6.9 million. For more information regarding the company's non-GAAP financial measures, see "Non-GAAP Financial Information" below.

As of March 31, 2025, the Company had \$3.9 million of cash and cash equivalents, compared to \$1.2 million as of December 31, 2024.

### Guidance

Management expects the following for the full year 2025:

- Revenue in the range of \$50 million to \$60 million.
- Sequential improvement in gross margin
  - Greater than 30% gross margin in fourth quarter of 2025
- Non-GAAP operating expenses in the range of \$40 million to \$50 million
- CapEx in the range of \$15 million to \$20 million
- EBITDA positive in the first half of 2026

## Conference Call

The company will host a conference call for investors this afternoon to discuss its first quarter 2025 financial results at 5 p.m. Eastern time / 2 p.m. Pacific time on May 13, 2025. The call will be webcast and can be accessed from the Events page of the Investor Relations section of Velo3D's website at [ir.velo3d.com](http://ir.velo3d.com).

## Implementation Investments

### *Avacon Selects IFS Copperleaf to Enhance Asset Investment Planning*

14 May 2025

Copperleaf®, an IFS company, is delighted to announce that Avacon, a regional subsidiary of the E.ON Group – a leading energy company responsible for supplying energy and energy-related services, has chosen IFS Copperleaf's decision analytics solution. This strategic partnership is set to boost Avacon's capability to manage the challenges brought on by the energy transition, and in parallel drive operational efficiency and streamline workflows as part of the E.ON wide "Manage Assets" initiative.

Avacon set out to elevate its "Manage Assets" capabilities - aiming to make consistent, data-driven decisions that ensure the highest return in line with strategic goals and operational targets. The IFS Copperleaf solution enables value-based, risk-informed decision-making. This includes opportunities and risks identification, solution definition and evaluation, portfolio optimization, scenario analysis and approval. With IFS Copperleaf, Avacon will reduce risk, optimize costs, accelerate time to value, and meet business objectives through a proven end-to-end asset management process.

By reducing redundancies and streamlining workflows, Avacon aims to boost overall operational efficiency, optimizing resource allocation and improving service delivery. Automation of repetitive tasks will save time and reduce errors, enabling Avacon to focus on more strategic activities, enhancing productivity and accuracy in investment planning.

The project will be delivered in collaboration with Accenture, leveraging the strategic partner network of IFS Copperleaf certified consultants.

"The Copperleaf solution fulfills 100% of Avacon's requirements along the newly defined E.ON wide "Manage Assets" process," said **Fin Jennrich, IFS Copperleaf's VP of Sales for Central Europe & Nordics**. "Avacon is yet another fantastic addition to the constantly growing community of asset-intensive organizations leveraging the Copperleaf solution to enhance their investment planning in line with the ISO 55000 standard series."

"We are thrilled to partner with Avacon to enhance their asset investment planning capabilities," added **Lance Olmsted, President, IFS Copperleaf**. "This collaboration will enable Avacon to better manage their assets, reduce risks, and achieve their sustainability targets, ultimately delivering greater value to their customers and stakeholders."

## *Bandit Running Selects Centric PLM to Power Future Growth*

15 May 2025

Bandit Running, a rapidly growing, community-driven running apparel brand based in Brooklyn, NY, has selected Centric PLM™ as its product lifecycle management (PLM) solution to streamline operations and support its continued growth. The decision marks a critical step in Bandit Running's growth strategy as they transition from their legacy PLM system to elevate their design and product development processes. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, outdoor, luxury, footwear, home and related goods like cosmetics & personal care as well as multi-category retail to achieve strategic and operational digital transformation goals.

Bandit Running, founded in 2020 by members of the NYC running community, prides itself on creating innovative apparel while maintaining inclusivity for runners of all paces and experiences. With a vision to be the world's most authentic, community-driven running brand, Bandit Running recognized the need to upgrade its operational tools to better support its rapid expansion and evolving demands.

Bandit Running faced significant challenges with their legacy PLM system, which struggled to support their design and product development processes. The system lacked essential functionality, such as the ability to create organized line sheets, making it difficult for teams to present products clearly to clients. Inefficient tracking tools led to missed updates, delays and overreliance on manual processes, while the platform's limited configurability forced teams to adapt their workflows to fit the system, rather than the other way around. These limitations not only disrupted productivity but also caused frustration across the organization.

Recognizing the need for a more powerful, configurable and flexible solution, Bandit Running sought a platform that could streamline their processes, enhance tracking, simplify line sheet creation and improve communication workflows. They also required better calendar management and a centralized source of truth for all product-related information, ensuring a comprehensive view of their product line across seasons. After careful evaluation, Centric PLM stood out as the ideal system. Its intuitive design and advanced capabilities offered a transformative solution — streamlining workflows, optimizing key processes and eliminating inefficiencies caused by manual systems. Centric PLM empowered Bandit Running to regain control, boost productivity and focus on delivering the exceptional products their community loves.

Over two phases of implementation, Bandit Running will integrate its existing e-commerce and inventory management tools with Centric PLM to create a more efficient and unified workflow. This integration will streamline inventory tracking, purchase order management and overall supply chain processes, ensuring seamless end-to-end connectivity. By bridging these systems, Bandit Running aims to reduce manual effort, minimize errors and enhance operational efficiency, enabling the company to respond more effectively to consumer demands and scale operations with ease.

“We look forward to supporting Bandit Running in their mission to redefine running performance wear through innovation and efficiency,” said Chris Groves, CEO of Centric Software. “We’re honored to be a part of their journey, helping them streamline processes and scale their business for long-term success.”

### *Belgard Commercial Partners with BIMsmith to Launch New BIM Tools for Architects and Designers*

7 May 2025

Belgard Commercial, a premier provider of hardscape solutions for commercial design and construction, has announced a partnership with BIMsmith, the leading product research platform for building professionals, for the development of new Building Information Modeling (BIM) tools for architects, designers, and other building professionals.

The partnership includes a set of new Building Information Modeling (BIM) product models for Belgard Commercial’s range of pavers, retaining walls, stormwater solutions, and modular systems. These digital models contain key data representing geometric and aesthetic properties, supporting more accurate early-stage design. Each model is natively built for Autodesk Revit, the global leader in BIM design software.

The collaboration also makes Belgard Commercial’s products available on BIMsmith Market, the leading cloud platform used by architects and engineers to conduct building product research and download Revit content.

“Landscape and site design is a critical part of the built environment,” said Kris Yates, Regional Vice President Sales Marketing at Belgard Commercial. “With our new BIM content, we’re giving designers the power to seamlessly integrate our hardscape systems into their digital workflows—supporting projects from planning to execution.”

“Belgard Commercial’s innovative product line is trusted across the industry for both performance and design versatility,” said Benjamin Glunz, CEO of BIMsmith. “We’re excited to welcome Belgard Commercial to BIMsmith and provide a new level of access to their products for the global AEC community.”

### *BIMcollab Twin Adds a New Layer of Usability at Utrecht University*

7 May 2025

Real estate information is often scattered across different departments within an organisation. Moreover, much of it is still not digitised or centralised, making it difficult and time-consuming to find and share essential data. Jasper Garssen, Head of Real Estate Information at Utrecht University, is all too familiar with these challenges. He is responsible for managing the information of over 200 properties, ranging from nearly new buildings to centuries-old monuments. BIMcollab Twin helps Jasper’s team to centralise this data and make it easily accessible to both internal and external users.

Utrecht University is a major player—literally. Its property portfolio covers around 650,000 square metres of gross floor area. This includes not only academic and research buildings but

also bike sheds, technical installations, and historic properties throughout the city. Managing this portfolio is comparable to running the real estate of a mid-sized municipality. Every adjustment, repair, maintenance task or renovation must be properly recorded to extend building lifespan and ensure compliance with laws and regulations. To future-proof real estate strategy, you need a reliable document management system today.

#### From 2D documentation to 3D models

Jasper Garssen explains: *“Different user groups within the university—from project managers and advisors to reception staff and students—need access to up-to-date and reliable property information. External stakeholders do too: a contractor working on an installation, an architect preparing a renovation, or a maintenance company carrying out an inspection. They all benefit from a central, well-structured digital environment that offers quick and accurate access to information—much more insightful than traditional two-dimensional documentation. Moving towards 3D models adds a whole new dimension to how we manage information.”*

Universities and other semi-public institutions are also expected to report on CO<sub>2</sub> emissions and sustainability measures. From 2030 onwards, they will be required to build at least 50% cradle-to-cradle (C2C) and keep precise records of the materials used. This demands a highly detailed and structured system for managing building data.

#### Phasing Out Physical Archives

Until recently, Utrecht University’s real estate information was spread—often frustratingly—across eight physical archives consisting of shelves, cabinets, boxes, binders, and external hard drives. Just before the COVID-19 pandemic, the university successfully digitised and consolidated everything into three archives. Jasper is pleased with the result: “Paper archives required storage space, needed climate control to avoid damage, and posed a fire risk.

*Searching for information was time-consuming, which directly affected decision-making speed and quality.”*

These are familiar issues, not just in academia, but in municipalities and construction firms too.

The next step was to select a suitable platform that would enable the university to take the leap in data-driven working. Following a tender process, BIMcollab Twin emerged as the winner. Roy van der Velden, one of the developers of BIMcollab Twin, recalls the brief:

*“The university was looking for a future-proof platform that would sit at the heart of the organisation and be easy to access for different user groups. The tender also included user training and the migration of existing data.”*

#### Standardisation through Metadata

On 1 July 2024, the first phase went live with 50,000 operational documents essential for daily maintenance tasks. In the next phase, the static archive will be delivered, including permits, structural calculations, and technical drawings. Finally, the project archive will follow. Jasper says:

*“Instead of a traditional folder structure, users now benefit from metadata—a standardised and efficient way to manage real estate information. An added benefit is that BIMcollab Twin is not just an archive, but also a platform for active projects. This allows departments and external stakeholders to collaborate and exchange information within a common data environment.”*

Despite the benefits, digital transformation remains a challenge. “Some colleagues struggle with the transition from traditional folders to metadata-driven systems, or with the move from 2D to 3D models,” says Jasper. This is a familiar challenge for any organisation undergoing such a transition. To support this shift, BIMcollab Twin was tailored to feel like a perfect fit. The interface, for example, has been partially customised to offer users a familiar experience without compromising the power of metadata.

### Collaboration and AI Integration

Training and support were also key. By involving users early and sharing success stories, acceptance has grown. Jasper notes that once staff see the advantages of digital real estate management, they become internal ambassadors, helping colleagues adopt the new way of working. Utrecht University has also played a significant role in the ongoing development of BIMcollab Twin. Working together with other universities—such as TU Delft and Wageningen University—Jasper’s team has contributed to optimising the system’s functionality. It highlights the importance of collaboration and knowledge sharing across the academic sector.

Looking ahead, artificial intelligence presents promising opportunities. AI can help detect anomalies in buildings, predict maintenance needs, and suggest energy-saving measures. This isn’t just relevant for universities, but also for municipalities, hospitals, and commercial property managers who want to take a more proactive approach to asset management. With around one million documents in its real estate archive, Utrecht University is well-positioned to benefit from such innovations. “We’re a university, so learning never stops,” Jasper concludes.

### *Eni selects ABB as main automation contractor for one of the UK’s first industrial CCS clusters*

14 May 2025

ABB has been selected by integrated global energy company Eni as the main automation contractor for HyNet, one of the UK’s first industrial decarbonization clusters that forms part of the Government’s Track-1 carbon capture and storage (CCS) commitment.

ABB’s Ability™ System 800xA® Integrated Control and Safety System (ICSS) will be deployed to manage the automation, telecoms and cyber security project scope for the transportation and storage of the captured carbon dioxide (CO<sub>2</sub>) emitted by heavy industrial plants in the North West of England and North Wales, to four depleted gas fields in the Irish Sea off the coast of Liverpool.

The project aims to reduce CO<sub>2</sub> emissions by 10 million tons a year by 2030, the equivalent of taking four million cars off the road and a quarter of the carbon dioxide currently emitted across the region.

“CCS has an important role to play within the current energy transition but navigating the complexities of operating an industrial cluster is highly technical and challenging,” said Per Erik Holsten, President of ABB Energy Industries. “We are proud to support Eni on the exciting HyNet project by applying our integrated automation technology to accelerate decarbonization in the UK and enable industries to outrun, leaner and cleaner.”

“The HyNet project is clear evidence of how business and government can combine to implement pragmatic and effective industrial policies to accelerate the energy transition,” said Claudio Descalzi, CEO of Eni who is leading the multi-partner consortium. “ABB’s automation expertise will be invaluable in providing an integrated and end-to-end common control solution spanning all main EPC providers involved in HyNet.”

The UK Government has announced almost \$29 billion of funding over the next 25 years for two industrial cluster projects, which set out to decarbonize industry and make the UK a competitive global market for CCS and support 50,000 long term jobs.

### *Hachette UK Selects Wipro to Drive its Digital Transformation with SAP S/4HANA*

14 May 2025

Wipro Limited, a leading technology services and consulting company, announced a digital transformation partnership with Hachette UK (HUK), a leading publishing group based in the United Kingdom. Wipro will help modernize Hachette UK’s IT infrastructure through the implementation of SAP S/4HANA.

This adoption of the SAP S/4HANA system, delivered on RISE with SAP, will allow HUK to transform its finance operations and core enterprise applications, providing increased agility and speed and significantly enhancing source-to-pay operations.

"We are looking forward to embarking on this critical project with Wipro," said **Brendan Goss, Group CIO, Hachette UK & Hachette Book Group USA**. "Adopting SAP S/4HANA signifies an important step in our digital transformation efforts, as it will help us enhance operational efficiency and provide us with the ability to adapt to changing market conditions quickly. All of this will help us better capitalize on new and emerging opportunities and create new growth venues for our business."

As part of this consulting-led engagement, Wipro will develop a comprehensive transformation program to redesign HUK’s entire enterprise applications and improve the operating capabilities of the finance, procurement, and sales departments with minimal risk and disruption.

“We are thrilled to support Hachette UK on their modernization journey,” said **Sarat Chand, Managing Director United Kingdom & Ireland, Wipro Limited**. “Our consulting-led, AI-powered approach towards this end-to-end SAP S4/HANA transformation will allow us to drive enhanced agility and faster innovation for the HUK team, helping them realize their business goals.”

Wipro was recently recognized by SAP as a RISE with SAP Validated Partner for their expertise in delivering complex Cloud ERP projects and posted industry-leading growth in the entire SAP ecosystem.

## *Imtron Selects Centric PLM to Drive Costing Automation and Business Efficiency*

8 May 2025

Centric Software® is pleased to announce that Imtron has selected Centric PLM™ to drive automation in costing and pricing calculations and improve overall product lifecycle management. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, price and sell products such as apparel, fashion, home, footwear, sporting goods, consumer electronics, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

Headquartered in Ingolstadt, Germany, Imtron is a wholly owned subsidiary of MediaMarktSaturn Retail Group. The company specializes in high-quality consumer electronics and appliances, overseeing the production and distribution of its four private labels—Koenic, PEAQ, ok. and ISY—across 11 countries, both online and offline. Imtron focuses on delivering innovative, reliable and affordable alternatives within the MediaMarkt and Saturn product ranges. Through strategic collaborations with leading manufacturers and partners worldwide, Imtron ensures its products meet the highest standards of performance and quality.

With approximately 500 new products introduced annually, Imtron faced increasing complexity in pricing calculations, manual Excel-based workflows and growing communication and coordination needs across departments. Currently, over 1,700 products are calculated and updated multiple times per year, requiring extensive reconciliations between data.

By implementing Centric PLM, Imtron will enhance pricing automation, improve efficiency and ensure compliance through workflow-driven processes. Automation will reduce manual data handling, minimizing errors and freeing up time for strategic decision-making. The system will also facilitate faster pricing adjustments, providing Imtron with the agility needed to adapt to market changes. Additionally, seamless integration with the ERP will enhance data consistency and streamline overall operations, reinforcing Imtron's commitment to operational excellence.

“From the initial discussions to the final decision, Centric Software demonstrated an in-depth understanding of our challenges,” shares Mario Neuwirth, CEO of Imtron. “Their expertise and communication ensured a strong alignment between our teams, creating an efficient and positive working relationship. This partnership marks a significant step in optimizing our pricing processes and strengthening our market position.”

“We are thrilled to welcome Imtron as a valued partner. Their commitment to innovation and efficiency aligns perfectly with our mission to provide industry-leading PLM solutions, says Chris Groves, CEO of Centric Software. We look forward to empowering Imtron in optimizing their pricing strategies and achieving new levels of operational excellence.”

## *KORE, Robo, Ericsson, and Winnebago Redefine the Open Road with Winnebago Connect™*

12 May 2025

KORE, a global leader in Internet of Things ("IoT") Solutions and IoT Connectivity provider, has collaborated with Winnebago and Robo to unveil Winnebago Connect™, a groundbreaking platform that transforms the recreational vehicle (RV) experience through advanced connectivity, intelligent automation and intuitive design.

Powered by KORE, Robo, and Ericsson Enterprise Wireless Solutions, Winnebago Connect integrates cutting-edge technologies to deliver a seamless intelligent RV platform. KORE's managed IoT services provide the global connectivity backbone, ensuring reliable access no matter the destination. Robo delivers the software platform that powers the intuitive user interface and intelligent features, while Ericsson contributes high-performance network solutions with dual-carrier Wi-Fi and edge computing.

Together, these innovations create an unparalleled ecosystem that empowers RV owners to travel smarter, safer and with greater convenience.

"Our work with Winnebago and Robo showcases the potential of IoT to revolutionize industries and enable people to explore the world," said Ron Totton, KORE President and CEO.

"Winnebago Connect is more than a product, it is a complete ecosystem that empowers RV owners to travel with confidence and convenience. We cannot wait to see where Winnebago Connect takes RV owners."

Winnebago Connect is designed to simplify RV ownership and enhance the travel experience. Its smart notifications and GPS tracking features, powered by software developed by Robo, keep RV owners informed about their vehicle's location and provide real-time alerts to enhance safety and convenience. Remote climate control capabilities allow travelers to adjust their cabin's temperature from anywhere, ensuring comfort for both passengers and pets. Smart energy management optimizes off-grid power usage through intelligent monitoring and automation, enabling extended boondocking adventures. Ericsson's industry-leading Cradlepoint routers power the always-on connectivity of Winnebago Connect.

"With Winnebago Connect, we are redefining what it means to explore the open road," said Michael Happe, Winnebago President and CEO. "This platform combines the expertise of Winnebago with Robo's intelligent software and KORE's connectivity to deliver a fully integrated and scalable solution that meets the evolving needs of our customers."

### *Long Beverage Selects Uptake to Optimize Fleet Operations*

15 May 2025

Fleet predictive maintenance software leader, Uptake Technologies, and Long Beverage, the North Carolina beverage wholesaler, have partnered to optimize the safety and reliability of Long Beverage's fleet. The Raleigh-based organization selected *Uptake Fleet* to pair with other forward-looking technology employed by Long Beverage; the use of which has become a calling card of the company's growth and success, which stretches back to 1947.

**" Uptake has transformed uncertainty into insight—keeping vehicles running, downtime minimal, and decisions proactive rather than reactive. The reduction in road calls have dropped drastically" – Zach Barnhardt, Fleet Manager of Long Beverage**

During a two month pilot, Long Beverage conducted extensive tests of *Uptake Fleet's* ability to improve vehicle reliability and help enable drivers, managers, and operations teams to increase vehicle utilization and uptime while lowering the risk of costly repairs and replacements. Uptake fits neatly into a technological ecosystem at Long Beverage that also includes Geotab and its Reseller Blue Arrow Telematics, whose partnerships with Uptake are what CEO Adam McElhinney believes will increasingly become the technological centerpiece of the on-highway fleet market.

"Long Beverage uses incredibly advanced technology within their facilities and onboard their 200 trucks; they set the bar high for Uptake to prove its value" noted McElhinney. "I was incredibly proud to have demonstrated our ability to proactively anticipate engine issues and other critical failures. We're excited about the efficiencies we can help Long Beverage achieve."

The Raleigh-based organization was introduced to Uptake by its telematics provider, BlueArrow Telematics. BlueArrow's team suggested *Uptake Fleet* to pair with other forward-looking BlueArrow technology employed by Long Beverage; the use of which has become a calling card of the company's growth and success, which stretches back to 1947.

## *LTIMindtree Secures \$450 Million Multi-Year Deal with Global Agribusiness Leader*

12 May 2025

LTIMindtree, a global technology consulting and digital solutions company, announced a strategic agreement with a leader in the global agribusiness sector. This is the largest deal in the history of LTIMindtree, valued at \$450 million across seven years.

As a part of this deal, LTIMindtree will implement an AI-powered operating model to deliver application management, infrastructure support, and cybersecurity services. This comprehensive suite of future-ready IT services, built on platforms such as SAP S/4HANA, ServiceNow, Microsoft Azure, as well as proprietary AI frameworks are aimed at enhancing the client's operational efficiency, scalability, and global growth.

"Securing this large deal marks a pivotal milestone as we transform to an AI driven business model, helping our clients enhance productivity," said Venu Lambu, Chief Executive Officer (Designate) and Whole-Time Director, LTIMindtree. "We are proud to be the trusted partner for one of the world's most respected agribusiness companies.

"Winning this important deal underscores our strength in crafting innovative solutions and delivering with excellence." Said Nachiket Deshpande, President – Global AI Services, Strategic Deals, LTIMindtree.

Samir Gosavi, Chief Business Officer – Retail and CPG, LTIMindtree, added "This win marks a major breakthrough for our consumer services business. Our AI-driven operating model will drive measurable business impact in an industry that's evolving rapidly."

## *Roadzen Partners with One of the World's Largest Telematics Providers to Launch Connected Vehicle Protection in the UK*

6 May 2025

Roadzen Inc. (“Roadzen” or the “Company”), a global leader in AI at the intersection of insurance and mobility, announced that its wholly owned UK-based subsidiary, Global Insurance Management Limited (“GIM”), has partnered with one of the world’s largest telematics providers to deliver an integrated, technology-led vehicle protection solution for the UK automotive retail and finance markets.

The new solution combines real-time telematics-enabled asset tracking with Guaranteed Asset Protection (GAP) insurance. Designed for seamless integration into both auto dealership showrooms and online OEM sales channels, the bundled product offers vehicle owners theft deterrence, real-time monitoring, and financial protection—all through a single, digital-first platform powered by Roadzen’s Global Dealer Network (GDN) platform. With dealership clients already onboarding, Roadzen believes that the partnership is poised to generate seven-figure revenues annually.

The strategic three-year partnership leverages GIM’s digital insurance distribution with the telematics partner’s best-in-class connected vehicle security technology, already deployed by more than 30 global vehicle manufacturers—including each of the top 10 OEMs—as well as major fleet operators across industries. It directly addresses a growing challenge in the UK, where rising vehicle theft is driving insurance premiums higher. The UK motor insurance market exceeds £17 billion annually, offering a substantial opportunity for innovative, tech-led solutions. The initial rollout will focus on the UK, with phased expansion into European markets planned.

This launch also marks the resumption of GIM’s growth in the UK following a period of regulatory transition. Roadzen expects continued expansion across its insurance programs in the region through 2025.

“This partnership represents Roadzen’s broader vision: embedding intelligence and insurance into the mobility experience,” said Rohan Malhotra, Founder and CEO of Roadzen. “By integrating advanced telematics with embedded protection, we’re helping carmakers and dealerships deliver smarter, tech-enabled solutions to consumers while tapping into a significant new market opportunity.”

Mr. Malhotra commented on the recent stock volatility:

“Although external factors have impacted our stock, I want to reiterate that our business fundamentals haven’t changed and remain strong. Our pipeline is stronger than ever, and we are actively onboarding new clients globally. We are on track with our business plan, including our path to breakeven, and after a challenging 2024, we are positioned to deliver strong growth this year.”

## *Scarlett Gasque Selects Centric PLM to Power Product Expansion and Digital Growth*

12 May 2025

Centric Software® is pleased to announce that Scarlett Gasque has selected Centric PLM™ to drive business growth and product expansion. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, outdoor, luxury, multi-category retail, grocery, food & beverage, cosmetics & personal care and consumer electronics to achieve strategic and operational digital transformation goals.

Headquartered in New York City, Scarlett Gasque is a luxury lingerie and corsetry brand which celebrates elegance, femininity, and sensuality. Founded by Chloé Rogers in 2022, the brand was born out of her passion for creating collections that empower women to feel confident and beautiful in their own skin.

As Scarlett Gasque plans a move into ready-to-wear apparel, Head of Finance and Operations Noah Roswig identified the need for a digital solution that could scale with the brand's evolving product strategy. Having implemented Centric PLM at a previous company, Roswig was confident in the platform's ability to meet both immediate operational needs and long-term growth goals.

The brand's teams were relying on disconnected tools to track product information, which limited visibility, slowed collaboration and introduced inefficiencies across the development process.

Roswig explained, "We were desperate, and rightfully so, for a system to capture all the product information, keep all those details organized and attribute the data with connections to suppliers, trends, fabric mills, etc." He went on to describe that this product insight allowed their team to collate the data and "track strategically with the development of this much expanded product line."

"When evaluating the market, it quickly became clear that Centric PLM was the right choice," says Roswig. "It gives us the structure and visibility needed in the early stages of growth, while offering the scalability and advanced functionality to support a more complex and diverse product assortment as we expand."

"It's an increasingly complex global landscape in terms of product sourcing, manufacturing and shipping. Centric PLM gives us the ability to handle that complexity much better, especially with a small team," said Roswig. He knew from his last Centric PLM implementation experience, that "there was going to be an affordable option."

Additionally, Scarlett Gasque is implementing an ERP alongside Centric PLM and using this integration as their source of truth for their current and growing product assortment. For brands considering a PLM solution, Roswig offered "Centric PLM is a gamechanger in terms of regulating what product looks like in the system and how you filter and control the variables of that product, how you categorize it and ultimately, how to tie it back to your financials."

“If you’re at a company that sells a physical product, that tool by which you control and organize that same physical product is fundamental to how your whole tech stack operates,” Roswig said. “That’s not true of other verticals and other industries... but in fashion and in higher price points in luxury, it’s critical. There’s nothing more important than product.”

Heading into his second Centric PLM implementation, Roswig shared, “We’re still in the early stages, but the immediate win is having our product data organized in a dynamic, centralized system. In a fast-moving environment where we’re creating new products almost daily—exploring new categories, prototypes and options—it’s essential to have a solution that structures all that evolving information, including supplier details, in one place.” Once fully implemented, Scarlett Gasque expects to manage a large quantity of SKUs through Centric PLM for its Fall/Winter 2025 collection.

President of Centric Software, Fabrice Canonge says, “We’re pleased that Scarlett Gasque, a luxury lingerie and corsetry brand, has chosen Centric PLM as their digital foundation. With Centric PLM, they will streamline product development, navigate increasing complexity and accelerate the launch of sophisticated, design-driven collections.”

### *Tatra Trucks adopts Siemens’ Teamcenter to drive digital transformation in truck industry in Czechia*

13 May 2025

Siemens Digital Industries Software announced that Tatra Trucks, a leading truck manufacturer in Czechia, has adopted the Siemens Xcelerator portfolio of industry software including Teamcenter® software for Product Lifecycle Management (PLM) and the Mendix™ low code platform to help increase production volume and strengthen its ability to manufacture vehicles that meet specific customer requirements. To achieve these goals, Tatra Trucks is digitalizing to intensively modernize and optimize production processes to meet the company’s ambitious plans for growth.

"The implementation of Siemens’ Teamcenter software represents a major technological shift for Tatra Trucks and will provide the company with a significant competitive advantage on the global market. Digitization will enable us to respond more efficiently to the specific requirements of each customer and faster order processing. We anticipate more flexible development, faster technological preparation of production and more timely deliveries of the required quality," said Jakub Pončík, technical director, Tatra Trucks.

The use of Teamcenter will enable Tatra Trucks to achieve process synchronization and effective data management, from business communication and development through vehicle production to spare parts catalogues or warranty and post-warranty service – by bringing together their PLM system for product development and management with their Enterprise Resource Planning (ERP) system for economics and production.

These systems will become key pillars of digitalization, enabling the company to unify previously fragmented systems, simplify processes and enable faster and more efficient collaboration between departments. The implementation also includes Siemens’ Mendix low-

code platform which allows for the quick creation of applications to reach data from information systems such as ERP and Customer Relationship Management (CRM) and connect it to the Teamcenter digital thread backbone.

"The decision to implement solutions from Siemens Xcelerator at Tatra Trucks demonstrates its key role in optimizing the company's digital processes. Teamcenter enables the effective use of digital twins and artificial intelligence to innovate products and manufacturing processes, helping to ensure long-term competitiveness. We are glad that Tatra Trucks has chosen our solution and we look forward to our journey together," said René Zahradník, Managing Director for Czech Republic, Siemens Digital Industries Software.

This state-of-the-art software solution integrates all key PLM processes into a single database. Teamcenter manages all customer requirements, which will be managed in real time through program and project management, including process quality across the entire company. All changes and requests will be recorded and managed within Teamcenter change management. The PLM system enables the creation and management of complete bills of materials and helps Tatra Trucks to more efficiently develop innovative products, improve information sharing between production, service and maintenance and achieve their sustainability goals of carbon footprint reduction and meet regulatory requirements.

Tatra Trucks a.s. company took over the world-famous brand Tatra and the Kopřivnice-based automotive manufacturer in 2013, which underwent a successful restructuring after the change in ownership structure. In addition to standardized model series, it also manufactures special trucks tailored to customer requirements. The domestic markets in the Czech Republic and Slovakia are very important, and a large part of the company's production is intended for export to dozens of countries around the world. Tatra Trucks a.s. employs more than 1,800 people and another 500 work in its subsidiary Tatra Metalurgie a.s., which focuses mainly on foundry and forging. The shareholders of Tatra Trucks are the industrial-technological holding Czechoslovak Group and the engineering group Promet Group.

### *Teddy Group Selects Centric Market Intelligence to Power Market Expansion with Competitor Benchmarking and Data-Driven Decision-Making*

13 May 2025

Centric Software® is pleased to announce that Teddy Group has selected Centric Market Intelligence™ to underpin data-driven decisions across product planning and competitive pricing to boost its market positioning for flagship brand, Terranova. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, luxury, footwear, outdoor, home and related goods like cosmetics & personal care as well as multi-category retail to achieve strategic and operational digital transformation goals.

Founded in 1961, Teddy S.p.A Group has grown from a small local store in Rimini, Italy, into a global fashion retail powerhouse. Terranova, launched in 1988, represents one of the group's flagship brands with over 500 stores in 37 markets, offering contemporary fashion for men,

women and children. Today, the brand operates through multiple channels, including retail stores, 13 direct e-commerce markets and a growing marketplace presence.

The integration of Centric Market Intelligence to Terranova's pricing and planning processes, will empower the brand to define more precise starting prices and markdown strategies per market and per channel.

"One of the most valuable insights we expect from Centric is understanding product velocity—what sells out first and why. This will guide our pricing, assortment and replenishment strategies, making our e-commerce and marketplace approach more efficient and competitive."

The implementation of Centric Market Intelligence comes at a pivotal time for the Teddy Group's digital transformation and marketplace expansion. With aims to consolidate its presence in local markets with a structured marketplace and logistics expansion plan, the Teddy Group sought a solution to the lack of real-time market insights and manual approach taken to forecasting and analysis across the product development, pricing and marketing processes.

"We needed a better understanding of how to approach each different market with a different strategy," says Filippo Cisterni, eCommerce Manager at the Teddy Group. "At Teddy Group, we are driven by data in every single team – it is key for us in every aspect of our strategy. With Centric Market Intelligence, we will now have real-time insights on competitors and market trends."

To maximize their market impact, Terranova requires in-depth, real-time insights to benchmark competitor assortments and pricing strategies across each marketplace to optimize the brand's relevancy and market penetration. This visibility will guide Terranova's decisions about how to localize their product offering with competitive initial price points and markdown strategies for each market. Prior to Centric Market Intelligence, competitor analysis was done manually via spreadsheets or through one-time reports from third-party vendors, which lacked live updates and historical trend visibility.

"[Previously], our marketplace manager would spend up to 8 hours per channel manually selecting product listings for each marketplace, cross-referencing data in spreadsheets to determine the best assortment and pricing strategy every season," explains Cisterni, "With Centric Market Intelligence, we will be able to quickly compare seasonal trends and pricing strategies, helping us make smarter buying and pricing decisions."

While initial implementation focuses on the Terranova brand, successful adoption will lead to expansion across other Teddy Group brands in the near future.

"One of the key points in evaluating Centric over other solutions was the ease of comparison. It will give us clear, actionable insights into how the market is evolving season by season and how our competitors apply their strategies. Other tools we used in the past provided trend insights, but they lacked the depth of analysis we needed—Centric will allow us to make data-driven decisions with a level of precision we didn't have before," concludes Cisterni.

"Retailers today need rapid access to market intelligence to make strategic decisions and stay competitive. Teddy Group's data-driven partnership with Centric Market Intelligence delivers a

competitive advantage that is necessary for retail expansion. Manual processes are being transformed into actionable insights across pricing optimization, merchandising decisions and marketplace growth across multiple regions,” says Chris Groves, CEO of Centric Software.

### *Thanakorn Vegetable Oil Products adopts Siemens’ digital logistics software to drive supply chain efficiency in Southeast Asia*

9 May 2025

Siemens Digital Industries Software announced that Thanakorn Vegetable Oil Products Co., Ltd. (TVOP), a leader in Thailand’s edible oil industry, has adopted its Digital Logistics solutions to enhance its supply chain logistics. This is the first deployment of Siemens’ Digital Logistics solutions in Southeast Asia, underscoring Siemens’ commitment to expanding its footprint in the region’s fast-growing digital supply chain market.

TVOP has implemented Siemens’ AX4-based Transportation Management System, a cloud-based software designed to optimize and monitor transport logistics processes across all modes of transportation and geographies. This deployment aims to enhance the reliability of transport status information for goods and materials, helping to ensure synchronization with complex inbound receiving operations and improving outbound customer satisfaction.

“We are excited to collaborate with Siemens to drive our digital transformation in supply chain logistics,” said Adul Premprasert, Chief Executive Officer, Thanakorn Vegetable Oil Products. “The AX4 platform will provide us with the tools we need to deliver better service to our customers, improving our operational efficiency and achieve greater supply chain resilience.”

The AX4 platform provides end-to-end visibility across the entire transportation network, real-time shipment tracking, and exception management. This will enable TVOP to streamline collaboration with internal stakeholders and third-party logistics providers, enhancing operational efficiency and reducing manual processing and data entry

Siemens Digital Industries Software will provide consulting and implementation services, with localized support for Thailand. The AX4 platform will be delivered as a cloud-based SaaS solution, hosted and maintained by Siemens Digital Logistics with secure data processing and availability commitments

“TVOP’s decision to adopt our digital logistics platform marks a pivotal moment for Siemens Digital Industries Software in Southeast Asia. This deployment not only showcases the tangible value of our AX4 solution in enhancing visibility, efficiency, and resilience across complex transportation networks. It also signals the beginning of a new chapter as we bring our trusted digital logistics capabilities to one of the most dynamic supply chain regions in the world,” said Alex Teo, managing director and vice president, Southeast Asia, Siemens Digital Industries Software. “We are proud to collaborate with TVOP in their transformation journey and remain committed to empowering more businesses in the region to unlock operational excellence through digitalization.”

## Product News

### *BETA CAE Systems announces the release of the v25.1.2 of its software suite*

14 May 2025

We officially announce the v25.1.2 release, for ANSA, EPILYSIS, META, KOMVOS, SPDRM, ANSERS and FATIQ, with critical bug fixes and selected implementations.

#### **Known issues resolved in ANSA**

##### Geometry

Selected CONS belonging to meshed Laminate macro areas, were not highlighted.

##### Shell Mesh

During Direct Edit, providing tangential point would not work for mesh without underlying geometry.

##### Batch Meshing

When executing a layers' scenario, volumes of any inactive sessions that were previously executed would erroneously be deleted.

##### CFD DECKs

Output of FidelityPBS meshes was exporting duplicate patches, when non-conformal interfaces definitions existed.

##### Laminate Tool

The contents of laminate layers on geometry would not be modified.

##### Modular Run Management

Performance has been significantly improved up to 40% in Saving Subsystems to SPDRM & FBDM, in cases where Smart Connectors have already been applied at the time of save.

Furthermore, focusing on the Simulation Model Build Performance, there is an acceleration of Build Action "Check Assembly Status" up to 70%.

##### Data Management

Upon downloading a Subsystem Group, ANSA would falsely use the model action specified in ANSA.defaults (inputparams.ModelAction) instead of displaying the "Merge Parameters" window. Now the respective window pops up and the user is allowed to decide on the Model Action.

##### Optimization Tool

Optimization tool charts and plots, open in separate tabs, were not one-to-one linked with the original charts that were open in the Results tab.

##### Scripting

Unexpected termination could occur when an Abaqus IMPORT entity type was used as an argument in this function.

### **Known issues resolved in EPILYSIS**

#### SOL200

Unexpected termination would occur in case a response of type FORCE would point to a CBUSH element.

#### SOL112

Unexpected software abortion could take place in transient analysis with enforced excitation and two subcases as output request.

#### SOL105

Incorrect results could be generated when using PARAM, INREL, -1 for buckling analysis.

#### Contacts

Incorrect results could be calculated when using IGLUE=3 contact parameter.

### **Known issues resolved in META**

#### Generic

Contact Gap data from .intfor files were not loaded properly when requested on specific interface sets.

When saving an .xlsx file, the font size of the row and column headers was not set to a readable size.

In addition, bad handling of type \*ELEMENT\_TSHELL\_BETA led to erroneous properties and possible unexpected termination while saving METADB.

#### LS-DYNA

It was not possible to read parameter expressions within parentheses inside brackets, although correctly defined.

#### Abaqus

META would terminate unexpectedly when reading results without a description from .odb files, produced by AutoFENA.

#### nCode

Results on elements were not loaded correctly.

Also, results from .fer files containing mid-nodes were not read properly.

#### ParaView

Displacement results from VTU files were not read correctly.

Data Management

In DM Ribbon, parent DM Item Id was lost upon refresh action in DM Browser.

Identification of Entities and Data

META would cease unexpectedly when creating a stress linearization path from parametric point paths tool.

HTML3D

Flow paths were not updated properly upon label change.

Toolbar Designer

“Expand into User Toolbars” submenu option did not work properly since v25.0.0 and on.

Template Manager

Geometry and results were not loaded from .h3d files, using a template file.

### **Known issues resolved in KOMVOS**

CAD Import/ Export

When the region format in the OS settings was different than the “English (Unites States)”, the transformation matrices were not read properly.

Data Management

Attached files/folders DM Attributes would not appear in the attributes list of the Import wizard.

Moreover, KOMVOS would create unnecessary copies in the TMP folder upon Export or Edit of compound DM items. Now, both performance and disk space utilization are improved.

### **Known issues resolved in SPDRM**

Data Management

Exporting a Subsystem Group of solver File Type that contained adapted Subsystems with References in its Representation File Content would fail to export the source, "unadapted" Subsystems.

Data Migration/Archival

The import of SPDRM DM package would falsely be aborted in case the dataset included objects of type 'changeset'.

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14 May 2025

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Centric Software® is thrilled to announce new innovations to Centric Market Intelligence to strengthen data-driven, competitive market insights. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, luxury, footwear, outdoor, home, cosmetics & personal care as well as multi-category retail to achieve strategic and operational digital transformation goals.

Centric Software's flagship product lifecycle management platform, **Centric PLM™** integrates with **Centric Planning™**, **Centric Pricing & Inventory™**, **Centric Market Intelligence™**, **Centric Visual Boards™** and **Centric PXM™**. All Centric Software AI-infused solutions target the unique challenges faced by the retail sector to deliver comprehensive, data-driven decision-making.

Centric Market Intelligence continues to evolve as the go-to retail market intelligence platform for competitive benchmarking, trend tracking and enriched product intelligence for fashion, outdoor, footwear and cosmetics brands and retailers. With a sharp focus on both a global scale and product-level granularity, Centric Market Intelligence unlocks timely insights into assortments, price changes, discounting, promotional strategies, timing and consumer trends to optimize brands' and retailers' product offering for consumers.

Highlights of the latest innovations include category expansion, enhanced product matching, improved attribution, visualization and deeper insights. A new module analyzes a competitor's marketing content and communications, such as webpage updates and email campaigns, to gain visibility into timing and promotion messaging themes and top key words used.

**Centric Market Intelligence** is a key tool in the fight against uncertainty, enabling brands and retailers to understand and adapt pricing strategies across international markets in response to tariffs, inflation and shifting consumer demand.

With granular, SKU-level insights and global benchmarking capabilities, users can track competitor price changes over time, evaluate global price architecture, analyze impacted categories and support SKU rationalization. They can identify over-assorted categories or conversely, price bands with low competitiveness. This results in smarter portfolio decisions where pricing power is challenged. With these benefits, companies realize up to 12% increase in average initial price point.

AI LLM (large language model) technology improves trend detection, relevancy and nuanced search terms, giving merchandisers insights to emerging patterns sooner.

"The latest Centric Market Intelligence innovations are in keeping with our larger innovation strategy influenced by immediate customer needs and recent market shifts," says Chris Groves, CEO of Centric Software. "These current and future insights give brands and retailers the ability to respond to macroeconomic pressures and optimize their price position and assortment, both locally and globally for maximum business impact."

Join Centric Software along with retail and brand leaders at an exclusive event focused on the future of AI-powered planning, pricing and inventory in **Berlin on May 22**.

## *Computer Guidance Corporation Successfully Passes SOC 1 Type II and SOC 2 Type II Audits For Its Cloud Hosting Systems, Services, and Associated Processes*

6 May 2025

Computer Guidance Corporation, the leading developer of cloud-based ERP solutions for the construction industry, announced receipt of its annual System and Organization Control (SOC) SOC 1 Type II and SOC 2 Type II attestation engagement reports for the eCMS Hosting Service system that was designed and implemented throughout the period January 1, 2024, to December 31, 2024.

The trust services reports provide independent validation that Computer Guidance Corporation's security, availability, and confidentiality controls operated in accordance with the American Institute of Certified Public Accountant (AICPA) applicable Trust Services Criteria (TSC) as a result of an examination of the description of a service organization's system and the suitability of the design and operating effectiveness of controls involving a number of factors such as security, availability, and confidentiality outlined in the audit report.

The audits reviewed several processes and procedures that have been implemented by Computer Guidance to proactively manage the cloud environments that host the eCMS system, and associated Tier III data centers.

"Computer Guidance Corporation's commitment to strong internal controls supporting its service commitments and system requirements in regard to their cloud-based hosted system solutions and services is evident in these reports," stated Michael Nyman, Director of Business Risk Services, CliftonLarsonAllen, LLP. "Computer Guidance Corporation's successful completion of both SOC 1 Type II and SOC 2 Type II attestations demonstrates its integrity, accountability, and commitment to its clients, partners, and industry. Computer Guidance customers can be confident that controls described within the report are accurately depicted and were operating as represented during these engagement periods."

"The successful completion of our SOC 1 Type II and SOC 2 Type II examination audits provides Computer Guidance's clients with the assurance that the controls and safeguards we employ to protect and secure their data, systems and cloud hosting environments are in line with industry standards and best practices and that we are committed to and making every investment to establish and maintain the most stringent controls needed to ensure the highest level of security and compliance," stated Michael Bihlmeier, President, Computer Guidance Corporation.

## *Emerson Enhances Optimization Capabilities to Drive Operational Excellence*

13 May 2025

Emerson, an industrial technology leader delivering advanced automation solutions, announced a new release of the flagship software of its Aspen Technology business. The release introduces a significant expansion of industrial AI capabilities, enhances user experience, provides new capabilities to accelerate progress toward sustainability goals and improves operational performance.

*“By combining cutting-edge technology with practical tools for real-world challenges, the release of AspenTech v15 helps organizations unlock greater value from their operations and drive long-term performance improvements,” said Claudio Fayad, chief technology officer for Emerson’s Aspen Technology business. “With this latest release, Emerson continues to empower customers across industries to drive innovation, operational excellence and sustainability at scale.”*

Version 15 of AspenTech’s software offers expanded industrial AI capabilities, including generative AI (GenAI), and creates a more seamless and efficient user experience with streamlined integrations, enhanced visualizations and simplified workflows. The release also includes more than 175 sample models supporting sustainability-driven use cases, empowering users to make measurable progress toward decarbonization and resource efficiency goals.

*“Over 85% of firms in the Verdantix industrial transformation survey expect AI analytics and GenAI to significantly transform their plant operations with three-quarters of them also stating that they are either currently implementing, actively exploring or have already implemented GenAI for specific use cases at their plant. However, challenges exist in terms of limited in-house AI knowledge and getting maximum value from the solutions deployed,” stated Malavika Tohani, research director for the Industrial Transformation practice at Verdantix. “AspenTech’s v15 release democratizes the value gained from its various solutions faster through the incorporation of GenAI and other capability enhancements.”*

New capabilities now available include the ability for subsurface science and engineering customers to break down silos and accelerate decision-making with AspenTech Subsurface Intelligence™ Beta, a cloud-native environment with AI-enhanced workflows and an intuitive user experience across all disciplines. In addition, the inclusion of AspenTech Cimphony Network Model Management™ in the Digital Grid Management suite enables utility customers to efficiently manage power system models with a data-driven network model manager that provides a persistent data storage layer for model-driven data, including the Common Information Model (CIM).

Additional highlights include expanded industrial AI offerings, such as precise analysis of reservoir changes using advanced machine learning techniques and automated generation of plant layout in Aspen OptiPlant 3D Layout™ for both brownfield and greenfield projects. Also, expanded AI capabilities in Aspen Virtual Advisor provide better understanding of model results and guidance on how to best proceed, both in support of higher margins and increased productivity.

Added user experience enhancements will streamline customer-utility interactions through the AspenTech Grid Apps™ web-based platform, and AspenTech Inmation™ will unlock online model deployment for Aspen Plus® and Aspen HYSYS®.

Sustainability initiatives will be accelerated with Aspen Plus and Aspen HYSYS now supporting circular economy, plastics recycling and green hydrogen efforts. Coupled with improvements to Aspen Supply Chain Planner™ for forecasting and visualizing emissions across the value chain, the enhancements will support improved sustainability across operations.

## *Emerson's Automation Platform Drives Data Mobility Across Life Sciences Value Chain*

7 May 2025

Emerson, an industrial technology leader delivering advanced automation solutions, is empowering manufacturers with seamless data mobility across a new suite of life sciences software in the DeltaV™ Automation Platform. Providing key automation solutions from the earliest stages of recipe development through commercial manufacturing, Emerson's suite of life sciences software makes it easier for organizations to select and connect critical tools necessary to bring quality treatments to patients faster, safer and more sustainably.

The traditional process of creating a new treatment from research through clinical trials to commercial manufacturing is largely manual and intensely time consuming. Life sciences companies spend substantial resources in both time and money performing the steps necessary to move information across various applications to successfully develop and manufacture new products. With a wide variety of technology solutions from different providers in the various segments of the business, data can quickly become siloed in individual applications, making it difficult to move from stage to stage, and increasing the likelihood of error.

To overcome these challenges, Emerson's life sciences software suite is purpose-built within the comprehensive DeltaV Automation Platform, streamlining the connection of critical components across the development and commercialization pipeline to create a more collaborative environment. For example, users can create a general recipe and risk profile in DeltaV Process and Knowledge Management (PKM™), and then, using the DeltaV Tech Transfer Hub—a sophisticated mapping tool created through Emerson's One-Click Technology Transfer™ initiative—quickly send the pertinent recipe information to the DeltaV Manufacturing Execution System (MES) or the DeltaV Distributed Control System (DCS).

“Easier integration of critical technologies in the treatment development pipeline is key to unlocking the five value drivers of life sciences: pipeline acceleration, flexible manufacturing, operational integrity, real-time release, and sustainable operations,” said Nathan Pettus, president of Emerson's process systems and solutions business. “Combining the suite of life sciences software solutions under the unified DeltaV Automation Platform enables life sciences organizations to embrace the Boundless Automation vision of seamless data mobility. Ultimately, with this vision, organizations can unlock flexibility and operational excellence capabilities that are crucial to delivering next-generation treatments to patients in need.”

Leveraging a common data fabric made possible by Emerson's AspenTech Inmation™ real-time data platform, the software suite including DeltaV PKM, DeltaV DCS, DeltaV MES, and DeltaV Real Time Scheduling can be integrated more easily, reducing the need for customization.

Emerson's life sciences software suite will be on display with the entire DeltaV Automation Platform at Emerson Exchange 2025, occurring May 19-22 in San Antonio, Texas.

## *Exiger Launches Tariff Intelligence Solution, Creating Command Center for Tariff Triage*

5 May 2025

Exiger, the market-leading supply chain AI company, announced the launch of its end-to-end tariff solution, Tariff Intelligence – a central hub to forecast and triage tariff impacts at all levels of the supply chain. Powered by custom visualization, automated workflows, agentic AI, and real-time calculators, Tariff Intelligence gives customers incredible granularity into which routes, suppliers, and components trigger higher tariffs, enabling targeted strategies that defend against cost increases and support rapid alternative supplier identification, screening, and onboarding.

Tariff Intelligence is the market's only supply chain visibility solution that enables users to map their tariff exposure down to the raw material and part-level. Agentic AI contextualizes the impact of tariffs, import/export restrictions, and supply chain disruptions for customers' specific parts, automating actionable analyses and accelerating informed risk mitigation decisions. Tariff Intelligence is integrated into 1Exiger, a single sign-on, intuitive supply chain UX, and uses Proactive Intelligence, an advanced AI capability that predicts where future supply chain crises are likely to occur.

"Tariff shifts and trade restrictions don't just strike a single border, they ricochet through every screw, chip, and chemical inside a product that may cross half a dozen countries before it arrives at a hospital, smartphone, or data center near you," said Exiger CEO Brandon Daniels. "Exiger's Tariff Intelligence gives companies a live, part-level x-ray of that exposure and an AI playbook to pivot production, sourcing, and routing to drive resilience and profitability. Our goal is to steer our customers through tariff turbulence into a margin-positive, resilient supply chain—whether final assembly lands in Michigan, Munich, or Manila."

*"Tariff shifts and trade restrictions don't just strike a single border, they ricochet through every screw, chip, and chemical inside a product that may cross half a dozen countries before it arrives at a hospital, smartphone, or data center near you. Exiger's Tariff Intelligence gives companies a live, part-level x-ray of that exposure and an AI playbook to pivot production, sourcing, and routing to drive resilience and profitability. Our goal is to steer our customers through tariff turbulence into a margin-positive, resilient supply chain—whether final assembly lands in Michigan, Munich, or Manila."*

Brandon Daniels

**CEO, EXIGER**

Tariff Intelligence provides an easy-to-configure dashboard with essential capabilities for today's volatile trade environment, helping businesses manage tariffs and associated cost risks linked to climate disruptions, geopolitical tensions, critical material restrictions, and single-source vulnerabilities. Dynamic modeling assesses tariffs by product and country of origin, and allows for filtering by HS Codes and exportable data.

**Tariff Intelligence offers:**

- AI-powered tariff exposure assessments
- Multi-tier supply chain visibility to uncover hidden relationships
- Mapping of holistic tariff impacts
- Dynamic modeling of tariff scenarios for strategic planning and cost reduction
- Automation and validation of Bills of Material (BOMs) from packaged and kitted goods
- Rapid identification and qualification of alternative sources
- Accelerated onboarding of new suppliers to achieve continuous cost avoidance

“There are a growing number of ad hoc, standalone products on the market that alert users when tariffs are announced, but that’s only the first step in the complex waterfall of decisions businesses need to make to combat tariff headwinds,” said Kit Conklin, Exiger’s Global Head of Risk and Compliance. “Tariff Intelligence is like a command center for our customers. It doesn’t stop at tariff exposure; it *starts* there – providing full value chain visibility with insights that guide businesses through every step of their tariff response, surfacing direct and indirect exposure, alternative sourcing, risk red flags, and strategies to drive long-term resilience.”

*“There are a growing number of ad hoc, standalone products on the market that alert users when tariffs are announced, but that’s only the first step in the complex waterfall of decisions businesses need to make to combat tariff headwinds. Tariff Intelligence is like a command center for our customers. It doesn’t stop at tariff exposure; it starts there – providing full value chain visibility with insights that guide businesses through every step of their tariff response, surfacing direct and indirect exposure, alternative sourcing, risk red flags, and strategies to drive long-term resilience.”*

Kit Conklin

**SVP, Risk & Compliance, Exiger**

## *HCLTech launches augmented reality-based IT infrastructure solution with CareAR*

5 May 2025

HCLTech, a leading global technology company, has launched an augmented reality (AR)-based infrastructure management solution, in collaboration with CareAR and ServiceNow, to enhance IT operations with augmented intelligence, real-time remote assistance and automation-driven workflows.

HCLTech is seamlessly integrating its expertise in infrastructure services and AI capabilities with enterprise AR solutions from CareAR, a Xerox company, on the ServiceNow platform. This comprehensive and advanced IT management solution aims to streamline IT infrastructure support, enhance operational and business resilience and significantly lower the cost and downtime of clients’ critical infrastructure.

“Integrating augmented reality into enterprise IT operations not only revolutionizes the overall experiences in your organization but also unlocks unparalleled opportunities for efficiency,

collaboration, and innovation, ensuring a sustainable competitive advantage in a rapidly evolving market” said **Ravi Yeddanapudi EVP, Digital Foundation Services, HCLTech**

“We are excited to partner with HCLTech to scale our transformative augmented reality solutions globally. With their industry expertise and global reach, we are confident this collaboration will demonstrate the power of AR in revolutionizing remote support and service delivery. By integrating our cutting-edge AR technology, we aim to empower organizations to deliver more efficient, interactive and immersive customer experiences worldwide,” said **Kirk Pothos, President CareAR Inc.**

HCLTech’s solution is tailored to support industries like manufacturing, energy, utilities and retail, where remote IT support is critical. By providing digitized workflows, AR-assisted troubleshooting and proactive IT issue resolution, businesses can achieve superior service continuity and optimized asset lifecycle management.

### *HCLTech unveils advanced configuration accelerator kit for SAP rollouts*

13 May 2025

HCLTech, a leading global technology company, has launched an advanced SAP Configurator accelerator kit to help enterprises scale SAP S/4HANA rollouts more efficiently with automated processes.

The accelerator kit will automate configuration, and HCLTech's engagement will include data loading, testing and validation, making the transition to SAP S/4HANA faster, smoother and more scalable. It extends an enterprise's pre-defined template to new locations with minimal manual intervention and allows end-users to visualize the system before full deployment.

Using the SAP Configurator, HCLTech aims to assist enterprises with 50–100 global locations in significantly reducing SAP rollout time and providing continuous value beyond the rollout. The company plans to use AI-powered tools as virtual SAP specialists to reduce manual workload and ensure consistent documentation.

“HCLTech's SAP Configurator reinforces our commitment to helping clients achieve SAP transformations with confidence, speed and efficiency. By leveraging AI-powered tools, this accelerator kit sets a new benchmark for innovation with SAP, enabling enterprises to accelerate decision-making, reduce complexity, and maintain sustainable growth in a dynamic market,” said Pawan Vadapalli, Corporate Vice President and Global Head, Digital Business Services at HCLTech.

### *Honeywell AI-Assisted Recall Software Helps Life Sciences Manufacturers Reduce Recall Impact and Further Improve Patient Safety*

14 May 2025

Honeywell introduced TrackWise Recall Management, a cloud-based artificial intelligence (AI)-assisted platform that redefines how life sciences manufacturers proactively manage product recalls in order to improve patient safety and minimize business impact of these events.

In the first quarter of 2024, medical device and pharmaceutical recalls increased by 13.8% quarter-over-quarter to 296 recalls, impacting countless patients who rely on high quality, life-saving products daily.<sup>i</sup> These recall events can cause financial and reputational implications for life sciences companies if not solved in a timely manner. To help manufacturers effectively navigate recalls, TrackWise Recall Management is designed to enable organizations to quickly address and manage recalls from first signal through final resolution, transforming the process with streamlined protective measures for companies and their patients.

TrackWise Recall Management can significantly reduce recall impact by more accurately bounding the recall of affected batches. It can also reduce execution time from weeks to minutes by replacing manual spreadsheets with automated workflows, helping to reduce downtime traditionally caused by these large-scale events. By integrating data across systems and departments, the platform enables manufacturers to leverage real-time monitoring of regulatory compliance and helps them to streamline communications among stakeholders during crucial moments of decision-making.

“Honeywell’s innovative TrackWise platform continues to evolve to better serve the heavily regulated life sciences industry and its critical need to safely manufacture and distribute life-changing products,” said Pramesh Maheshwari, President of Honeywell Process Solutions. “Our new recall management system leverages advanced automation to not only enhance compliance but also ensure that patient and consumer safety remains at the forefront of our partners’ operations.”

TrackWise Recall Management combines flexible signal detection, decision and execution capabilities with regulatory reporting that can be adapted to meet the specific needs of each manufacturer. The solution integrates with existing systems to enable real-time visibility across product suites to help life sciences organizations make informed, data-driven recall decisions that put patient safety first.

## *IMAGINiT Launches Clarity 2026 Providing AEC Firms with Real-Time Business Intelligence*

15 May 2025

IMAGINiT Technologies unveiled Clarity 2026, the newest version of its analytics and task automation platform for Autodesk Revit, AutoCAD, and Autodesk Construction Cloud environments. With the ability to extract valuable insights from data and automate time-consuming tasks, IMAGINiT Clarity 2026 empowers architecture, engineering and construction firms of all sizes to elevate decision making and save hundreds of hours on every project. IMAGINiT Clarity 2026 is compatible with Autodesk Revit 2026 and fully supports versions of Autodesk Revit and Autodesk Revit Server back to 2021.

“As AEC firms prioritize structured and accessible data to support AI-driven decision making, Clarity is playing a central role in supporting this shift,” says Bill Zavadil, president and chief operating officer of IMAGINiT Technologies. “By providing real-time access to project data securely across platforms, we help customers extract the insights they need to improve forecasting, strengthen collaboration, and make better business decisions. This reflects our

ongoing focus on advancing Clarity to not only automate repetitive tasks, but to assist in delivering model metrics to BIM Managers and business intelligence to executives.”

Since its inception, Clarity has supported AEC teams in improving outcomes on over 9,000 projects while saving more than four million hours – time that can be reinvested into higher-value strategic work.

### Feature Highlights in IMAGINiT Clarity 2026

- **Clarity Data Viewer** – A new interface that provides a real-time, global view of model data across all projects. Users can easily track when models were last updated to ensure data accuracy, and gain deeper insights through seamless integration with data visualization tools like Power BI.
- **Secure Service Accounts (SSA)** – Clarity 2026 includes built-in support for Autodesk’s newest security standard, offering a more secure and accountable way to connect to Autodesk Construction Cloud.
- **Improved Cross-Project Queries** – Enhanced query tools allow easier access to project-wide analytics, including auto-populated templates that help all users, technical or not, quickly unlock the value of their project data.
- **Bluebeam Integration Improvements** – Clarity now includes a new delivery location for Bluebeam sessions, further expanding supported workflows and making it easier for teams to manage their document review process.

Customers can also expect ongoing enhancements to Clarity Cloud, with new capabilities introduced incrementally throughout the year.

### Speaking Engagements and Webinars

Matt Mason, director of software development at IMAGINiT, will present “Automate and Secure: An Introduction to Autodesk Secure Service Accounts with Real-World Success” at Autodesk’s DevCon in Amsterdam on May 21, 2025.

### *Informatica Unveils Agentic AI Offerings on Its AI-Powered Cloud Data Management Platform*

14 May 2025

Informatica, an AI-powered enterprise cloud data management leader, announced its comprehensive strategy for Agentic AI, building on the company's position as the industry's first AI-powered cloud data management platform. Informatica's strategic approach to Agentic AI expands on the company's AI innovation history, which includes the launch of CLAIRE® GPT, CLAIRE® Copilot and GenAI blueprints for major cloud ecosystem partners.

As the resilient backbone of enterprise data and AI strategies, Informatica provides the critical metadata system of intelligence that enhances decision-making and AI outcomes through a comprehensive catalog of an organization's data assets.

“As the world of AI agents proliferates, the winners will be those who can connect, govern and manage agents at scale while providing enterprise-wide access to trusted data,” **said Amit Walia, CEO at Informatica.** “With the launch of CLAIRE® Agents and AI Agent Engineering, we are redefining what is possible in data management and AI orchestration. By combining the deep intelligence of our CLAIRE Agents with a no-code, enterprise-grade foundation, Informatica empowers businesses to turn autonomous agents into a strategic advantage, securely and confidently. With AI Agent Engineering, we’re enabling organizations to rapidly build, connect and orchestrate intelligent agent workflows across complex hybrid ecosystems, all without writing a single line of code.”

**According to Gartner®,** “Through 2026, those organizations that don’t enable and support their AI use cases through an AI-ready data practice will see over 60% of AI projects fail to deliver on business SLAs and be abandoned.”<sup>1</sup>

### **New AI Agent Engineering Service to Build, Connect and Manage Multi-Agent AI Systems**

Agents offer more resilient solutions that reason rather than depend on rigid and rule-based code. In an AI Agent world, trusted data becomes even more critical as agents will make autonomous decisions based on it. While many application vendors are building domain-specific agents, the solution to meaningful enterprise business problems often requires connecting siloed sources of information. As AI Agents proliferate across enterprises, the ability to connect, manage and govern them is paramount to ensure enterprise service quality (performance, scale), security and compliance.

AI Agent Engineering, a new service within Informatica's Intelligent Data Management Cloud platform™, empowers organizations to build, connect and manage intelligent multi-agent AI systems and compose business applications quickly, securely and at scale. It provides a unified, no-code environment to seamlessly orchestrate agents across ecosystems like AWS, Azure, Databricks, Google Cloud, Microsoft, Salesforce, Snowflake and more—bridging the gap between innovation and enterprise operations.

#### **Key Capabilities:**

- **Metadata-aware and context-intelligent:** Ensures AI agents operate on trusted, governed data for context-rich automation leveraging Informatica’s metadata system of intelligence.
- **Leverage existing investments from Informatica’s cloud platform as skills:** Includes mappings, business processes and other assets, into third party agents.
- **Enterprise-grade performance:** Built on Informatica’s proven scalable and secure AI-ready platform, supporting mission-critical workloads globally.
- **No-code, AI-native interface:** Enables both technical and non-technical users to register and discover enterprise-wide agents, build and manage AI agents without writing code.

**Availability:** AI Agent Engineering is expected to be available globally in fall of 2025 as part of the Informatica’s cloud data management platform. Early previews and partner engagement opportunities will be announced at Informatica World this week in Las Vegas.

“At Wescom Financial, our mission is to deliver innovative, member-focused solutions while ensuring operational excellence and data integrity across every channel,” said **Desigan Reddi, VP IT and Operations at Wescom Financial**. “Informatica’s new AI Agent Engineering service is a game-changer for organizations like ours, enabling us to build and orchestrate intelligent AI agent workflows securely and at scale—without the need for complex coding. The ability to connect agents across our hybrid ecosystem, leveraging trusted data, empowers both our technical and business teams to accelerate automation and drive real-time, data-driven decisions. This no-code, metadata-aware approach aligns perfectly with our vision of making advanced AI accessible and actionable, helping us enhance member experiences and streamline operations as we continue to lead in digital transformation for the credit union industry.”

### **CLAIRE<sup>®</sup> Agents: The Next Evolution in Autonomous Data Management**

Informatica announced CLAIRE<sup>®</sup> Agents, a suite of autonomous digital assistants designed to augment enterprise data management. These agents harness advanced AI reasoning and planning models to automate complex data operations—ranging from data ingestion and lineage tracking to data quality assurance.

Built on open standards that include support for Model Context Protocol (MCP) and fully integrated with Informatica’s Intelligent Data Management Cloud platform, CLAIRE Agents deliver a new level of productivity, data accuracy and scale.

CLAIRE Agents redesign how users interact with Informatica’s cloud platform. Instead of an interface built around specific tasks, the new experience will dynamically adapt based on the current context, giving users a personalized, fluid experience to achieve the goal at hand.

### **Addressing Modern Data Challenges with Intelligent Autonomy**

Today’s data teams face escalating demands driven by AI adoption, governance complexity and increasing regulatory oversight—all while navigating siloed data environments and budget constraints. CLAIRE Agents can address these challenges head-on by executing end-to-end data management goals with intelligent autonomy.

Key features include:

- **Data Quality Agent:** Continuously monitors and remediates data quality across cloud warehouses, master data management (MDM) systems and third-party repositories.
- **Data Discovery Agent:** Rapidly identifies relevant, trusted and compliant data assets for analytics and AI.
- **Data Lineage Agent:** Automatically generates granular data lineage across diverse coding environments.
- **Data Ingestion Agent:** Simplifies building complex ingestion and replication pipelines.
- **ELT Agent:** Automates optimized ELT jobs for Snowflake, Databricks, Google BigQuery, Amazon Redshift and Microsoft Fabric.
- **Modernization Agent:** Automates data engineering and integration workflows to Informatica’s AI-powered cloud data management platform.

- **Product Experience Agent:** Enrich product data attributes from a hierarchy/taxonomy in Informatica MDM.
- **Data Exploration Agent:** Automates goal-based data exploration of structured enterprise datasets in cloud data warehouses and data lakes.

“AI agents hold great promise to transform business models and usher in new ways of working and, through our collaboration with Informatica, our joint clients can unlock the potential of AI agents with access to trusted data as the foundation for autonomous decision-making,” **said Wout Vandegaer, managing director, Deloitte Consulting LLP.** “With Informatica’s AI Agent Engineering framework, our joint clients can build, manage and connect their own intelligent agents, while Informatica’s CLAIRE Agents can help streamline complex data operations and ensure trusted and compliant data flows.”

**Availability:** CLAIRE Agents are expected to be available in preview starting in the fall of 2025.

### **CLAIRE Copilot Now Generally Available**

In tandem with this announcement, **CLAIRE Copilot** is Generally Available for Data Integration and Cloud Application Integration, starting May 2025. CLAIRE Copilot leverages innovative generative AI models, such as Azure OpenAI, to assist developers in generating, documenting and optimizing complex data transformation and integration pipelines—dramatically accelerating time to value.

### **Other expanded partnership announcements at the Informatica World event include:**

**AWS:** Informatica announced GenAI Competency certification along with new product capabilities including AI agents with Amazon Bedrock, SQL ELT for Amazon Redshift and new connector for Amazon SageMaker Lakehouse.

**Databricks:** Informatica announced expanded partnership to help customers migrate to its AI-powered cloud data management platform to provide a complete data foundation for future analytics and AI workloads.

**Microsoft:** Informatica made two announcements with Microsoft, a new strategic agreement and deeper product integrations.

**NVIDIA:** Informatica announced integration of its Intelligent Data Management Cloud platform with NVIDIA AI Enterprise. NVIDIA AI Enterprise will deliver a seamless pathway for building production-grade AI agents leveraging NVIDIA’s extensive optimized and industry-specific inferencing model.

**Oracle** – Informatica announced the availability of MDM SaaS on Oracle Cloud Infrastructure enabling customers to use Informatica MDM natively in the OCI environment.

**Salesforce** - Informatica announced plans to deliver AI-driven customer intelligence with new Agentforce integration.

*Introducing ZWCAD 2026: Design with Speed, Innovate with Ease*

8 May 2025

ZWSOFT, a trusted provider of all-in-one CAx solutions, proudly announces the official release of ZWCAD 2026, the latest evolution of its flagship CAD software. Built upon a legacy of innovation, efficiency, and reliability, ZWCAD, now trusted by over 1.4 million users in 90+ countries, empowers professionals across AEC and manufacturing industries to design with confidence, agility, and vision.

From drafting the smallest components to conceptualizing monumental structures, ZWCAD has become synonymous with speed, precision, and flexibility. Its intuitive interface, perpetual licensing model, and powerful performance have made it the trusted CAD solution for enterprises and individuals alike. As industries accelerate their digital transformation journeys, ZWCAD continues to evolve — delivering not only robust drafting tools but also intelligent solutions that streamline workflows, enhance collaboration, and fuel sustainable innovation.

With the launch of **ZWCAD 2026**, ZWSOFT reaffirms its commitment to shaping the future of design: design with speed, innovate with ease. “We prioritized our users’ needs in developing ZWCAD 2026,” shares Stanley Dong, **Product Manager of ZWCAD at ZWSOFT**. “Our goal has been always to make everyday drafting tasks faster and easier, and to introduce intelligent features that open up new possibilities. Whether you’re a veteran user or trying ZWCAD for the first time, ZWCAD 2026 offers a seamless, powerful CAD experience that feels like a natural extension of your creativity.”

## What’s New in ZWCAD 2026?

### Design Faster: Keep Pace with Your Ideas

#### Parametric Design

Redefining how designs evolve, ZWCAD 2026 introduces Parametric Design, powered by ZWSOFT’s self-developed geometric constraint engine. Users can now apply geometric and dimensional constraints to 2D shapes and Flexiblocks, adjusting parameters effortlessly to modify designs without redrawing, which can create dynamic, reusable components, minimize manual changes, and dramatically speed up design revisions.

#### ZWCAD Toolbox

Efficiency starts with accessibility. The new **ZWCAD Toolbox** integrates essential tools for layers, dimensions, selections, and more into one customizable, dockable panel — putting high-frequency functions always within reach. You don't dive into the endless searching through menus, since everything you need to draft faster is at your fingertips.

#### Enhanced Smart Plot

Plotting has been fully reimaged with the user in mind. In ZWCAD 2026, **Enhanced Smart Plot** intelligently detects drawing frames, automatically matches them to appropriate paper sizes, and enables fast batch plotting across multiple files. Whether exporting to PDF or DWF, or printing directly, output is accurate, consistent, and efficient — even for large drawing sets.

#### Design Smarter: Let Intelligence Work for You

ZWCAD 2026’s smart automation means you can focus on **designing** — not on repetitive clicks.

### Smart Match

Now, using ZWCAD 2026, tedious edits are a thing of the past. **Smart Match** automatically identifies identical or similar objects — even if rotated or scaled — and allows you to modify them in bulk with a single click.

### Similar Search

Find and reuse content across drawings instantly. **Similar Search** scans external drawings for blocks or objects that match your selection, encouraging component reuse and saving design time.

### Smart Dimension

No more switching commands for every dimension type. **Smart Dimension** automatically detects object types and generates accurate dimensions, cutting annotation time significantly.

### Design Simpler: A Smoother Way to Work

ZWCAD 2026 combines thoughtful improvements that help you stay productive, minimize distractions, and **make complex tasks feel simple**.

### Dimension Grip Menu

Fine-tune your dimensions effortlessly. **Dimension Grip Menu** offers quick-edit options — flip arrows, create baselines, reposition text — simply by clicking on grips.

### Select Menu

Selection becomes intuitive with the new **Select Menu**, allowing you to instantly select objects based on properties like color, layer, or type — without typing complicated commands.

And many more efficiency-boosting features are now available in ZWCAD 2026 to enhance your daily workflows and productivity.

### Built for Every Professional

Design and engineering are evolving. Projects are becoming more complex, timelines shorter, and collaboration more distributed. At the same time, the demand for precision, efficiency, and cost transparency continues to grow.

ZWCAD 2026 is built in response to these realities. It provides professionals with a solution that is fast, stable, and intelligent — but also practical to adopt, flexible to customize, and predictable to own. For teams seeking to modernize workflows, reduce repetitive effort, and regain control over licensing and long-term costs, ZWCAD 2026 is a clear, future-ready choice.

### Start Creating with ZWCAD 2026 Today

ZWCAD 2026 is bringing faster performance, smarter tools, and a smoother design experience to professionals everywhere.

### *Lectra Continues Global Expansion of Valia Fashion to New Key Markets*

14 May 2025

## **Lectra, leader in technology solutions for accelerating the transition to Industry 4.0 for players in fashion, automotive, and furniture, announced the expansion of its Valia Fashion platform to new key markets across the globe, including: Mexico, Brazil and South America.**

This expansion is a significant step in the company's journey to accelerate the global fashion industry's transition to Industry 4.0. Valia Fashion, Lectra's intelligent cloud-based solution that connects the whole cutting room to automate and streamline each stage of apparel production was first launched in the US, Canada and Europe in October 2024 and has demonstrated strong, early successes.

*"We're dedicated to helping our customers remain competitive and agile in the market and meet the latest technological demands of fashion industry," said **Lenny Marano, President of the Americas at Lectra.** "Valia Fashion is a revolutionary solution that empowers fashion brands and manufacturers to connect, automate and streamline every step of apparel production. Since our initial launch, we've seen a great response from our customers who are using this technology to further reduce operational costs across their businesses. We are excited to continue expanding Valia Fashion's global footprint to even more fashion enterprises."*

Valia Fashion centralizes global orders and streamlines production, offering real-time visibility for faster decision-making and optimized operations. By connecting to all equipment in the cutting room, apparel manufacturers can seamlessly integrate the solution into existing workflows and digitize their production cycle.

## **Chicago Protective Apparel Taps Lectra's Valia Fashion for Made to Order Digital Manufacturing**

On the heels of Valia Fashion's global expansion, Chicago Protective Apparel – a division of Mechanix Wear that offers a wide range of high hazard personal protective apparel for various industries including heavy manufacturing, foundry, electrical/utilities – will now be using Valia Fashion to scale current production and accelerate the company's growth. Valia Fashion will enable Chicago Protective Apparel to centralize orders and distribute production across its different manufacturing sites, reduce waste, automate processes, and provide greater visibility on fabric consumption.

*"This integration marks a shift from fragmented legacy systems to a smarter, more connected production model," said **Keith Christiansen, President and General Manager at Chicago Protective Apparel.** "Lectra's Valia Fashion minimizes our reliance on manual processes by creating a scalable digital infrastructure that gives us real-time visibility into open orders, scheduling, fabric utilization and production performance – transforming how we make decisions, drive measurable efficiency to optimize resources, improve service levels, and more strategically plan for future growth."*

## ***OpenSpace Launches OpenSpace Air: New Drone Capabilities Enable Construction Teams to Centralize Reality Data for Faster Insights***

14 May 2025

OpenSpace, a global leader in 360° reality capture and AI-powered analytics for the construction industry, announced OpenSpace Air, a new solution that enables construction teams to consolidate all reality data – from drones, 360° cameras, mobile phones, and laser scanners – into a comprehensive visual record accessible from a single platform. Included in every OpenSpace subscription, OpenSpace Air helps construction teams boost technology adoption in the field while giving executives better visibility into project progress for more confident decision-making and stronger client trust.

“With the drone data integration from OpenSpace, we can now expand outside the four walls of a building to show things that we weren’t able to see before, from an extremely valuable perspective,” said Scott Wyatt, Project Executive at Gilbane Construction. “Overall, being able to identify items on the project earlier and create efficiencies in our platforms is a big win.”

Aerial data from drones delivers value across the project lifecycle, from pre-construction planning and estimation to site surveys, topographic mapping, marketing, and client communications. By pairing aerial imagery with interior reality capture, OpenSpace Air equips teams with a powerful tool to drive insights, improve planning accuracy, and keep projects on track.

With no limits on the number of projects, users, or drone captures, OpenSpace Air is available immediately to all OpenSpace customers with an active subscription. Teams can now import drone imagery and interact with it alongside their existing reality capture data in the OpenSpace platform.

### **Quickly and easily import and interact with drone imagery**

Building on OpenSpace’s core principles of ease-of-use, reliability, and speed, OpenSpace Air leverages powerful Spatial AI technology to deliver reliable, rapid insights for immediate decision making. Key features include:

- **Fast upload and processing:** Upload 500 images at breakfast – and get results by lunch.
- **Drone agnostic:** Compatible with any popular drone and flight planning app – no need for specialized hardware or software.
- **Comprehensive reality data:** Access orthomosaics, point clouds, 3D meshes, and elevation models, in addition to the 360° video, mobile photos, and laser scans already available in the OpenSpace platform.
- **Precise analysis tools:** Overlay drawings directly onto the map for easy planning and verification.
- **Visual comparison:** Compare multiple drone flights to track changes and progress over time.
- **iOS and Android compatible:** Field teams can interact with drone imagery on both iOS and Android devices, increasing on-site adoption.

“We developed OpenSpace Air to address a key challenge from our customers: centralizing all reality data in one place,” said Jeevan Kalanithi, CEO of OpenSpace. “OpenSpace Air gives

construction executives the ability to track project progress more effectively, make quicker decisions, and reduce tech stack complexity. With OpenSpace already used to capture more than 40 billion square feet of projects, field teams can also quickly and easily work with drone imagery on a platform they know and trust. The combination of aerial and indoor data creates a more complete picture of projects and will become essential for modern construction teams.”

### *Rocket Software Unveils Innovations to Scale IT Impact Through Resilience, Automation, and AI-Powered Agility*

13 May 2025

Rocket Software, a global technology leader in modernization software, announced powerful new innovations to its Skills and Efficiency solutions, designed to help enterprises scale IT operations, close the IT skills gap and improve developer experience with intelligence and precision. New product features include automation, productivity-focused tools, and optional AI-driven capabilities, supporting faster development, stronger system performance, and greater IT resilience without adding layers of complexity and risk. By making it easier for developers and infrastructure teams to work more efficiently, the company continues to support businesses in their IT modernization initiatives and transformation journeys.

These latest innovations from Rocket Software empower customers to:

- **Boost developer efficiency** by cutting task time from hours to minutes and accelerating new developer ramp-up from months to weeks.
- **Improve system performance** through AI-driven monitoring and anomaly detection for greater reliability across mainframe environments.
- **Reduce IT workload** with self-service automation to decrease ticket volume by up to 16%, all while maintaining compliance and security.
- **Strengthen resilience** with advanced, point-in-time data recovery that minimizes downtime and protects mission-critical systems.

Today’s organizations face shifting customer expectations, ongoing talent shortages, and complex hybrid IT environments. That’s why boosting resiliency and agility, especially in mission-critical systems, is a strategic imperative. To meet these challenges, many are turning to AI, automation, and other emerging technologies. According to McKinsey, companies that successfully adopt agile practices can achieve up to 30% gains in efficiency, customer satisfaction, employee engagement, and overall performance. And with IT downtime costing more than \$5 million per hour in high-risk industries, strengthening infrastructure resilience is now a critical need.

“IT teams are facing unprecedented demands to deliver more while balancing innovation with operational resilience,” said Phil Buckellew, President, Infrastructure Modernization Business Unit at Rocket Software. “These advancements directly address today’s critical needs – closing the IT skills gap, improving operational efficiency, and enabling modernization without disruption. By aligning cutting-edge technology with business goals, we empower IT leaders to

simplify their operations, accelerate business outcomes, and future-proof their organizations, without additional risk.”

“One of the most pressing challenges facing enterprise IT teams today is the ability to address the IT skills gap while modernizing core systems and scaling operations,” said Stephen Elliot, Group Vice President, I&O, Cloud Operations, and DevOps, IDC. “AI is a powerful tool that allows IT to effectively align itself to the business by delivering greater insights and efficiency.”

Rocket Software’s approach to enabling IT modernization while reducing the risk of disruption is at the heart of its product development strategy. These advancements reflect the company’s commitment to delivering customer value through innovation, evidenced by the introduction of new optional capabilities for both developers and infrastructure teams, including:

- **Rocket® TMON™:** Proactively identifies mainframe performance issues and anomalies before they impact operations using AI-powered analytics, machine learning, and KPI measurement to proactively identify performance issues and anomalies before they impact operations.
- **Rocket® Zena™:** Empowers non-technical users to automate processes independently, resulting in reduced reliance on IT intervention.
- **Rocket® EDX:** Makes document management and search faster and easier with natural language input, done via voice or text.
- **Rocket® Rapid Data Recovery:** Reduces downtime through single point in time data recovery.
- **Rocket® MultiValue Developer Assistant:** Streamlines the generation, autocompletion, and explanation of MV BASIC code, speeding up time to productivity for new developers from months to weeks.
- **Rocket® Uniface® Developer Assistant:** Helps users navigate Uniface documentation, learn the platform faster, generate and explain ProcScript code, and enhance code clarity with comments and plain-language explanations.

## *Rockwell Automation Launches PharmaSuite 12.00 to Accelerate Secure, Scalable Deployments*

13 May 2025

Rockwell Automation, Inc., the world’s largest company dedicated to industrial automation and digital transformation, announced the launch of FactoryTalk® PharmaSuite® 12.00. The latest release of its manufacturing execution system (MES) is designed to support the unique needs of regulated pharmaceutical and biopharmaceutical manufacturing environments, helping companies simplify system management, accelerate deployments and scale production more efficiently.

As the industry seeks to move faster while ensuring compliance, BioPhorum has noted that current MES solutions are often perceived as expensive, slow to implement and lacking flexibility required for modern operations. PharmaSuite 12.00 directly addresses these pain

points, providing a simplified, configurable and future-ready platform for regulated life sciences production.

The latest release introduces a modular architecture and new cloud-ready capabilities, providing manufacturers with increased agility to help meet rapidly evolving production demands. It also features enhanced cybersecurity to support the stringent compliance and data integrity standards required in regulated life sciences environments.

"PharmaSuite 12.00 represents a major step forward in helping life sciences manufacturers embrace modular, digital production while maintaining the highest standards of performance, availability, compliance and security," said Martin Petrick, business manager, MES at Rockwell Automation. "With the flexibility to deploy in the cloud, on-premises or in hybrid models, manufacturers can scale operations faster, simplify global rollouts and reduce the time and cost validation."

Key new features in FactoryTalk PharmaSuite 12.00 include:

- **Cloud-Based Deployment:** Now runs in Kubernetes using Linux containers, making setup and maintenance faster and more reliable
- **New Setup Tool (MICKA):** Automates installation and validation steps to reduce manual effort in regulated environments
- **Modular Design:** Containerized components make it easy to scale across sites and standardize system deployments
- **Built-in Monitoring:** Centralized tools help detect issues early and speed up troubleshooting
- **Strong Cybersecurity:** Built using certified secure development practices to meet industry standards
- **Easier Upgrades:** A new upgrade engine helps keep systems current with the latest features and security updates

FactoryTalk PharmaSuite 12.00 builds on more than 15 years of continuous development and industry expertise. With this release, Rockwell continues to provide pharmaceutical and biopharmaceutical manufacturers with a modern, regulatory-compliant MES platform that supports scalable production, rapid deployment and digital transformation goals.

## *Sage and Amazon Web Services Collaboration Powers AI Innovation in Accounting and Compliance*

7 May 2025

Sage, a leader in accounting, financial, HR, and payroll technology for small and mid-sized businesses (SMBs), announced significant progress in its ongoing collaboration with Amazon Web Services (AWS). Building on its role as an AWS partner holding the SMB Software Competency, and recognized for its expertise in developing solutions for small and medium-

sized businesses, Sage is working with AWS to develop innovative AI solutions ideally suited for the accounting and compliance needs of SMBs.

By leveraging AWS AI services like Amazon Bedrock and purpose-built AI chips like AWS Trainium and AWS Inferentia, Sage has been able to accelerate development, scale innovation, and deliver AI-powered solutions more efficiently. This collaboration enables Sage to rapidly test, refine, and roll out AI models tailored to the complex demands of accounting and compliance so customers can access Sage's solutions faster, gain timely insights, and manage their finances with greater accuracy and efficiency.

### **Advancing AI in Accounting : Delivering Value to SMBs**

With the support of AWS over the past year, Sage has successfully developed and deployed purpose-built Large Language Models (LLMs) and Small Language Models (SLMs) for accounting and compliance. These models improve the accuracy, reliability, and efficiency of Sage's AI-powered financial solutions, enabling SMBs to operate with greater confidence and efficiency. This work also lays the foundations for advanced agentic capabilities within Sage Copilot - Sage's AI powered assistant, supporting more intelligent automation and proactive financial assistance. Sage Copilot is currently available in the UK, US, France, Spain, and Germany, embedded within Sage Accounting, Sage for Accountants, Sage 50 and Sage Intacct.

Key advancements include :

- **Enhancing trust with domain-specific AI** – The Accounting Filtering Model ensures AI-generated responses remain strictly relevant to financial and compliance-related queries, preventing inaccurate or misleading information.
- **Expanding AI-driven financial assistance** – These models help enhance Sage Copilot, enabling it to provide real-time insights, automate workflows, and reduce the burden of manual financial tasks.
- **Optimizing efficiency through intelligent automation** – New endpoint detection models improve AI's ability to interpret user intent and dynamically retrieve relevant financial data, ensuring more precise responses and streamlining financial decision-making.

“Our collaboration with AWS enables us to develop and scale AI solutions that directly address the challenges SMBs face,” said Amaya Souarez, EVP, Cloud Services & Operations, Sage. “By combining Sage's deep accounting expertise with the powerful AI infrastructure of AWS, we are creating technology that is not just intelligent, but also trusted and practical for finance. These advancements make financial decision-making smarter, more intuitive, and more efficient, helping SMBs reduce time spent on financial admin, gain greater visibility into their finances, and focus on growing their business.”

### **Unlocking Business Insights with AI-Powered Search**

In addition to advancing AI-driven accounting models, Sage is also leveraging AWS technology to transform how SMBs access and interpret financial information. The new Semantic Search API, powered by Amazon Bedrock, enhances the way Sage products retrieve, rank, and generate responses from financial and compliance data, making insights more accessible, relevant, and actionable.

This innovation enables SMBs to :

- Find the right financial information faster – AI-powered search capabilities reduce the time spent navigating financial data, improving productivity and decision-making for users.
- Access up-to-date and relevant insights – A new self-service content hub enables Sage’s product teams to continuously refine and manage knowledge sources, ensuring AI-generated responses reflect the latest financial regulations and business trends. This means customers get reliable answers that evolve with their needs and the market.
- Support businesses globally – Semantic search is being expanded to support multiple languages, ensuring that SMBs worldwide benefit from intelligent, AI-driven assistance.

As Sage continues to expand its AI capabilities, it remains committed to responsible AI innovation, developing solutions that are transparent, secure, and designed to meet the specific needs of SMBs.

### *Siemens introduces AI agents for industrial automation*

12 May 2025

At Automate 2025 in Detroit, Siemens is announcing an expansion of its industrial AI offerings with advanced AI agents designed to work seamlessly across its established Industrial Copilot ecosystem. This new technology represents a fundamental shift from AI assistants that respond to queries towards truly autonomous agents that proactively execute entire processes without human intervention. Siemens' new AI agent architecture features a sophisticated orchestrator. Like a craftsman, it deploys a toolbox of specialized agents to solve complex tasks across the entire industrial value chain. These agents work intelligently and autonomously – understanding intent, improving performance through continuous learning, and accessing external tools and other agents as needed. Users retain complete control, selecting which tasks they wish to delegate to AI agents.

"With our Industrial AI agents, we're moving beyond the question-answer paradigm to create systems that can independently execute complete industrial workflows," said Rainer Brehm, CEO Factory Automation at Siemens Digital Industries. "By automating automation itself, we envision productivity increases of up to 50% for our customers – fundamentally changing what's possible in industrial operations."

#### **Automating automation: how the AI agent architecture works**

Siemens' approach distinguishes between Industrial Copilots, the interfaces users interact with, and the AI agents that power them behind the scenes. Furthermore, the company is developing digital agents, and integrating physical agents, including mobile robots. This way, Siemens is creating a comprehensive multi-AI-agent system where agents are highly connected and work collaboratively. What sets Siemens' approach apart is the orchestration of these agents utilizing a comprehensive ecosystem. These agents not only work with other Siemens agents but also integrate with third-party agents, enabling unprecedented levels of interoperability.

To further accelerate adoption and innovation, Siemens is planning to create an industrial AI agent marketplace hub on the Siemens Xcelerator Marketplace. This marketplace will enable customers to access not just Siemens' own AI agents but also those developed by third parties.

### The all-encompassing Siemens Industrial Copilot

The Siemens Industrial Copilot, enhanced by Industrial AI agents, addresses every phase along the industrial value chain, across process and discrete industries:

- **Design Copilot:** Currently available for NX CAD, helps users break new ground in creativity by accelerating the product design process. Design engineers can navigate complex data, balance trade-offs, and perform multi-domain tasks more efficiently. The AI-powered assistant enables users to ask questions in natural language, quickly access detailed technical insights, and streamline complex design tasks – all leading to significant efficiency gains in product development. Siemens is also currently developing a Hydrogen Configurator for designing hydrogen production plants. Users can seamlessly generate block flow diagrams with precise plant unit layouts and interconnections with it.
- **Planning Copilot:** Currently in pre-release with customer testimonials already available, this solution optimizes production planning, resource allocation, and scheduling through generative AI-powered insights, helping manufacturers maximize efficiency and minimize waste.
- **Engineering Copilot:** Available for TIA Portal with Managed Service coming in 2025, it enables engineering without repetitive tasks. As the first generative AI-powered product for automation engineering, it empowers engineers to generate automation code through natural language inputs, speeding up SCL code generation while minimizing errors. In process industries, the copilot for P&ID Digitalization has already been tested by several customers. It's an AI-assisted P&ID detection cloud service to digitalize and consolidate legacy P&ID diagrams.
- **Operations Copilot:** Currently available for Insights Hub, the Copilot provides holistic insights into the entire plant. In addition, at the machine level, Siemens is planning to introduce an Operations Copilot for shop floor workers, which will be available by the end of 2025. This new product is designed to empower shop floor operators, service technicians, and maintenance engineers to work more efficiently by querying machine data and receiving error resolution guidance through natural language. The Operations Copilot can be easily implemented at the machine level to provide machine instructions and operator guidance. For the process industries, the generative AI-based assistant Simatic eaSie, enables technicians and maintenance personnel to access relevant plant and equipment data via chat or voice interaction. This makes operations and maintenance more reliable and safer both in the control room and in the field.
- **Services Copilot:** The Maintenance Copilot Senseye provides maintenance teams with expert-level equipment diagnostics without the need for specialized technical knowledge. Recently expanded beyond predictive maintenance to cover the entire

maintenance lifecycle, this solution supports everything from reactive repairs to predictive and preventive strategies, with pilot implementations demonstrating an average 25% reduction in reactive maintenance time.

### **Addressing the skills gap in manufacturing**

The Siemens Industrial Copilot is already delivering measurable results in both Siemens' own plants and customer implementations worldwide. At thyssenkrupp Automation Engineering, where the technology is being rolled out globally, engineers have reported improvements in code quality and development speed. Meanwhile, at Siemens' Bad Neustadt site, the Insights Hub Production Copilot has transformed manufacturing operations by turning scattered data into actionable insights.

"In a factory environment, our Industrial AI agents connect different copilots and automate workflows across the entire value chain. This creates a unified approach that makes industrial AI accessible to everyone, regardless of their technical background or experience level," said Brehm. "We envision a future where Industrial AI agents work seamlessly alongside human workers, handling routine processes independently while enabling humans to focus on innovation, creativity, and complex problem-solving."

### *Siemens leverages AI to close industry's IC verification productivity gap in new Questa One smart verification solution*

13 May 2025

Siemens Digital Industries Software announced the Questa™ One smart verification software portfolio, combining connectivity, a data driven approach and scalability with AI to push the boundaries of the Integrated Circuit (IC) verification process and make engineering teams more productive.

Questa One delivers faster engines, enables faster engineers [DS1] [DB2] and requires fewer workloads to support the largest, most complex designs from IP to System-on-a-chip (SoC) to Systems, and was developed with advanced 3D-ICs, chiplet-based designs and software-defined architectures in mind.

"Questa One transforms the IC design process to address the verification productivity gap and solves the IC industry's rapidly growing challenges associated with increasingly complex designs," said Abhi Kolpekwar, vice president & general manager, Digital Verification Technologies, Siemens Digital Industries Software. "Questa One uses new technical advances to deliver the fastest functional, fault and formal verification engines available, yet customers tell us that performance alone isn't enough - they also need deeper connectivity across our unmatched verification, validation and test workflows, which Questa One provides. Combined with our application of AI, Siemens' verification solutions are truly yielding step-function gains in productivity by early adopters across smart creation, smart regression, smart analysis, smart engine and smart debug domains."

Siemens has worked with industry leaders to develop the Questa One smart verification solution that delivers a connected, data-driven, scalable solution that breaks the Verification

Productivity Gap 2.0 bottleneck, whereby the increasing complexity of technologies such as 3D-ICs, chiplet-based designs and software-defined architectures are further compounded by a critical talent shortage, and growing demands for enhanced security, lower power consumption, reliability and sustainability.

The Questa One smart verification solution encompasses multiple technical breakthroughs including:

- **Questa One Coverage Acceleration software** has achieved coverage goals 50x faster than traditional testbench solvers combining higher/faster coverage results with the benefits of Universal Verification Methodology (UVM) constrained random test generation.
- **Questa One DFT Simulation Acceleration software** has achieved 8x faster gate-level design for test (DFT) serial pattern simulations leveraging **Questa One Parallel Simulation software** and is tightly integrated with the industry-leading Tessent™ Streaming Scan Network (SSN) architecture.
- **Questa One Fault Simulation Acceleration software** has delivered 48x faster performance and supports both functional safety and DFT fault simulation applications. It uniquely supports the User Defined Fault Modeling (UDFM) capability in Tessent.
- **Questa One Stimulus Free Verification software** empowers engineers to achieve new levels of productivity. Its unique approach of combining engines and unifying applications has shown to reduce overall processing times from over 24 hours to under 1 minute on complex open source SoC level reference designs. The integration of 20 different stimulus-free analyses, AI and automation deliver new solutions such as linting with auto-correction and generative AI SVA property creation and verification.

**Questa One Avery Verification IP software** is based on Avery's high-quality VIP and high-coverage Compliance Test Suites (CTS). Protocol-aware debug and protocol-aware coverage analytics help increase productivity, and accelerated VIP enables the same CTS, testbench and stimulus on Questa One Sim to be re-used on Veloce CS emulation and prototyping systems.

The Questa One smart verification solution is founded on three core principles.

- **Questa One Connected Verification software** connects engineers, EDA tools and verification IP to form a cohesive ecosystem for comprehensive and seamless verification, validation, and test across Siemens' Questa One, Tessent DFT and Veloce™ CS emulation and prototyping systems.
- **Questa One Data-Driven Verification software** leverages the power of data through AI-powered analytics to bring new insights and to improve verification productivity. Applications of generative, prescriptive and predictive machine learning technologies enable engineers to achieve the highest levels of verification with the fewest resources.
- **Questa One Scalable verification software** delivers acceleration and automation second-to-none, with speeds that deliver the fastest verification closure and the highest degree of confidence.

## Customer experiences using Questa One

“The Questa One Smart Verification Solution has improved our verification productivity across traditional on-premises and cloud deployments,” said Karima Dridi, Head of Productivity Engineering, Arm. “As an early adopter of running large EDA workloads using the high-performance Questa One Sim advanced functional simulator, we’ve observed improvements in performance, cost-efficiency, and reduction in regression time on the latest AArch64 architecture.”

“As an early influencer on Siemens Questa One Smart Verification Solution, MediaTek has already been able to increase our engineers’ productivity across the entire verification process utilizing both formal verification and simulation technologies,” said Chienlin Huang, senior technical manager of Connectivity Technology Department, MediaTek. “Questa One Property Assist utilizes generative AI to save us weeks of engineering time, and Questa One Regression Navigator predicts which simulation tests are most likely to fail, runs them first, and saves days of regression and debugging time.”

“Questa One DFT (QDX) simulation utilizes advanced DFT-centric simulation capabilities to deliver faster performance than existing simulation solutions, slashing our verification time from weeks to days,” said Selim Bilgin, corporate vice president, Silicon Engineering at Microsoft. “In addition to these impressive speed ups, on Microsoft’s Azure Cobalt 100 platform, QDX delivers up to 20 percent further performance jump unlocking even greater efficiency for our EDA workloads.”

“Siemens’ Questa One smart verification solution has improved and streamlined our verification process, enabling us to address new-era data center workloads like generative AI with state-of-the-art silicon IP solutions for PCIe, CXL and HBM interfaces,” said Susheel Tadikonda, vice president of Engineering, Silicon IP at Rambus. “Leveraging the complete Questa One solution, including simulation, static and formal analysis, and verification IP technologies, brings increased confidence to our customers through comprehensive verification of IP solutions for their SoC and chiplet designs.”

### Availability

The Questa One smart verification solution will be available in June 2025.

## *SPEC Delivers SPECviewperf 15 Benchmark with New Graphics APIs and Workloads, Support for New Application Versions*

1 May 2025

The Standard Performance Evaluation Corporation (SPEC), the trusted global leader in computing benchmarks, today announced the availability of the SPECviewperf 15 benchmark, a significant update to the worldwide standard for measuring graphics performance based on professional applications. The SPECviewperf 15 benchmark includes new graphics APIs for DirectX 12 and Vulkan, workloads for new industry use cases, and support for the latest versions of the currently represented applications. The extensive enhancements in this version

of the benchmark enable users to understand how the latest versions of their applications will perform on the current generation of hardware.

The SPECviewperf benchmark measures the 3D graphics performance of systems running under the OpenGL, DirectX, and Vulkan application programming interfaces (APIs). The benchmark can be run without installing licenses for the represented applications and is frequently used as the basis for performance measurement and the estimation of new hardware, such as GPUs and system platforms. The diverse set of modern workloads are easy to install and run, and provide high-quality, consistent results.

“Enterprises and end users will find the SPECviewperf 15 benchmark especially helpful when deciding on future hardware purchases,” said SPECgpc Committee Chair Ross Cunniff. “It enables them to better understand how to allocate their resources to achieve their required performance levels, leading in turn to a better user experience and increased productivity. Moving forward, SPEC will continue to expand the SPECviewperf benchmark to enable our growing community of users to optimize the performance of their systems.”

### **Key new features of the SPECviewperf 15 benchmark**

- New workloads representing significant new use-cases:
  - blender-01 – an OpenGL benchmark highlighting the use of Blender 3.6 LTS in content-creation use cases
  - unreal\_engine-01 – a DirectX 12 benchmark highlighting content-creation use cases that rely on Epic’s Unreal Engine 5.4 with advanced rendering technologies such as Lumen, Nanite, and Temporal Super Resolution
  - Enscape-01 – a Vulkan benchmark highlighting GPU-accelerated ray tracing as used by the Chaos Enscape 4.0 application in architectural visualization
- Updated workloads based on new versions of represented professional applications:
  - 3dsmax-08 – updated with traces from Autodesk 3ds Max 2023, including subsets of KitBash3D’s Mission to Minerva model and materials Kit, based on real-world production data commonly used by game developers and filmmakers.
  - catia-07 – updated with traces from the 2022x version of Dassault Systèmes 3DEXPERIENCE CATIA. Traces from CATIA v5 are also included in the workload.
  - creo-04 – updated with traces from PTC Creo 9
  - maya-07 – updated with traces from Autodesk Maya 2025. Two new models, “Apollo” and “Sol and Solette” are also included.
  - solidworks-08 – updated with traces from Dassault Systèmes Solidworks 2024
- Significant usability improvements, including an all-new graphical user interface (GUI) and updated installation and configuration processes.

## *Tech Soft 3D Introduces VizStreamer: A Seamless Path to Web-Based CAE Visualization*

12 May 2025

Tech Soft 3D, the world leader in providing engineering software development toolkits (SDKs), will showcase their new VizStreamer tool as a novel part of their simulation visualization solution during a presentation at the NAFEMS World Conference 2025 in Salzburg, Austria. This new tool allows legacy CAE desktop applications to leverage the advantages of web-based solutions through progressively streaming visualization data to web clients for in-browser rendering. This is done without the need for comprehensive rewrites of an application's core functionality, greatly reducing development resources and time.

*"VizStreamer is a game-changer for organizations seeking to modernize without losing decades of proven functionality."* – Eric Vinchon, Vice President, Product, Tech Soft 3D

### **Innovation in Supporting Legacy Cloud Applications Cloud Transition**

In the past, organizations have been forced to make do with inferior, stopgap solutions for moving desktop CAE applications to web. Remote desktop technologies, while useful, create security vulnerabilities and significant operational costs, all with a slow, poorly optimized user experience. The alternative, fully rewriting an application to be browser-based, is hugely expensive and takes a long time.

Tech Soft 3D's new VizStreamer offers companies a way to truly balance the desire to preserve the market-tested, proven capabilities of a desktop application while offering the convenience of web-based tools. By leveraging WebGL for rendering, VizStreamer can offer a native web experience without the cost of server-side GPUs, reducing operational expenses while improving scalability.

### **Architecture and Implementation**

Tech Soft 3D's VizStreamer service efficiently streams CAE applications visualization data to a WebGL engine in real time, running in any modern browser. The tool is designed to interface directly with the existing legacy application's logic. During the NAFEMS presentation, Tech Soft 3D will dive deeper into the service's technical implementation, exploring its interface and application logic, other sources of CAE data, and provide an example of the data flow and reuse of an existing CAE application. These insights will serve as a roadmap for CAE developers looking to modernize their desktop applications.

## *Trimble Launches Forestry One to Connect and Streamline Forestry Operations*

14 May 2025

Trimble® launched Trimble Forestry One, a comprehensive technology platform built to connect and streamline forestry operations. Unveiled at the Trimble Forestry User Conference, Forestry One enhances forest management by leveraging Trimble's common data environment for seamless integration with Trimble Connected Forest® solutions, while also simplifying regulatory compliance and optimizing supply chain management.

Trimble Forestry One extends the capabilities of Trimble Connected Forest solutions by connecting and leveraging operational, spatial and environmental data to enhance decision-making with forest inventory, harvest planning, logistics and supply chain traceability. The platform enables Trimble customers to address critical technical challenges such as disconnected workflows, siloed data and outdated interfaces, promoting a more connected and collaborative future for forestry.

Key capabilities delivered by Trimble Forestry One include:

- **Robust Data Management:** Maintain compliant, standardized and trusted data with enhanced visibility using solutions like Trimble DataSync for cloud storage/retrieval and Trimble DataVuze for API-driven reporting and insights.
- **Unified Inventory Management:** Gain a real-time, consolidated view of inventory throughout the procurement supply chain, improving operational control.
- **Streamlined Sourcing & Chain of Custody:** Simplify regulatory compliance (including EUDR) and manage timber traceability through Connected Forest Xchange Plus (CFX+) applications, handling ownership, search, import and export of source data.
- **Efficient User Management & Security:** Benefit from optimized user onboarding and administration alongside robust security monitoring and controls.
- **End-to-End Timber Tracking:** Achieve complete transparency and traceability by tracking timber movements from the forest to the mill.

With Trimble Forestry One, customers in the forest industry can leverage these capabilities to help:

- **Reduce Costs:** Optimize operational awareness and planning to reduce costs.
- **Enhance Sustainability:** Utilize data-driven insights for environmentally responsible practices and streamlined compliance reporting.
- **Improve Transparency:** Build trust with traceable supply chains and faster validation of activities.
- **Reduce Risk:** Minimize exposure to unforeseen events through proactive monitoring and data-informed decision-making.

"Trimble Forestry One represents a significant leap forward in technology and workflow enhancement for the forest industry," said Kevin Toohill, general manager, Forestry at Trimble. "Our goal is to transform how the sector operates by providing a unified platform that enhances collaboration, streamlines workflows and leverages the power of data to drive informed decisions."

### *Zuken Launches CR-8000 2025 with AI-Enhanced Support for High-Speed, High-Density PCB Design*

8 May 2025

Zuken, a global leader in electronic design automation (EDA) solutions, has announced the release of the 2025 updates to its flagship PCB design applications, CR-8000 Design Gateway and Design Force. This latest version introduces targeted enhancements to improve design integrity, accelerate schematic and layout development, and address the growing complexity of high-speed, high-density electronics.

The engineering front end, CR-8000 Design Gateway, delivers major advancements in schematic design, including intelligent auto-generation of connectors and standard circuits. Engineers can now quickly populate schematics with predefined blocks—such as filters and ESD protection—based on signal-aware rules, while intelligent rule-based checks and automated validation tools assess component lifespan, thermal margins, and voltage stability, ensuring design integrity from the earliest stages.

On the physical layout side, CR-8000 Design Force introduces delay-aware routing and AI-assisted features that streamline tasks like bus completion and decoupling capacitor placement, ensuring timing compliance and reducing manual effort. Collectively, these enhancements accelerate development cycles, improve design consistency, and support first-pass success in advanced PCB designs.

“With the 2025 release, we’ve focused on taking the pressure off engineers—whether they’re racing to meet timing margins or cleaning up schematics. The new automation features in Design Gateway make it easier to get reliable circuits in place without all the repetitive work, and Design Force keeps high-speed routing tight and efficient. It’s all about getting to a clean, manufacturable board faster—with fewer headaches along the way,” said Francesco De Cet, Head of Business, Zuken Europe.

### **Accelerating Schematic Design with Intelligent Auto-Generation of Connectors and Standard Circuits**

In the engineering front end Design Gateway, CR-8000 2025 introduces powerful enhancements in Automated Circuit Generation, significantly advancing early-stage design automation. Engineers can now auto-generate connectors for unconnected pins and deploy standardized circuit blocks—such as RC filters, pull-up/down networks, or ESD protection—based on signal and part attributes. Leveraging a configurable rule engine and machine-learning-style recommendations, this feature reduces manual schematic creation, ensures design consistency, and accelerates schematic development. Additionally, intuitive simulation feedback directly within the design context enables immediate validation of voltage levels, net integrity, and rule compliance, allowing engineers to catch issues early and refine designs on the fly.

### **Automated Reliability Checks with a Rule-Based Verification Engine**

Circuit Adviser, the intelligent rule-based verification engine within CR-8000 Design Gateway, has been significantly enhanced in the 2025 release to support advanced reliability analysis. It now offers automated checks for early detection of design risks, including detailed thermal and electrical validation. Key enhancements include component lifespan verification against the expected product lifecycle, thermal checks to automatically identify components operating

near or beyond safe limits, and an improved Power IC analysis that evaluates voltage margins and power dissipation. These capabilities enable engineers to proactively uncover potential failure points early in the design process, reducing field issues and minimizing costly late-stage redesigns.

### **Delay-Aware Routing and Intelligent, AI-Enhanced Automation**

CR-8000 Design Force enhances high-speed PCB layout with delay-aware routing tools such as real-time routing balloons, skew visualization, and topology-driven guidance. These help engineers meet timing constraints for interfaces like DDR4 and PCIe with precision, reducing guesswork and eliminating the need for repeated verification cycles. Complementing this, intelligent AI-enhanced automation accelerates layout by automating decoupling capacitor placement, completing bus routes, and generating standard connection circuits. These tools support the designer without replacing them—improving efficiency, reducing rework, and enabling a modular path toward increasingly autonomous design.

Together, these capabilities improve first-pass success rates and significantly reduce overall design cycle time.

### **Release Date and Availability**

The CR-8000 2025 release is now available to customers through Zuken's Global Support portal, and to qualified prospects via guided evaluations and interactive demonstrations. For new customers, trial access and expert-led sessions—such as Zuken's Experience Days—provide hands-on exposure to the latest features. Additional product information, including a detailed overview of enhancements and demo requests, is available on the Zuken website or through regional representatives.