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## CIMdata News

### *Embedding Product Sustainability within PLM – a CIMdata Commentary*

20 May 2025

#### *Driving Environmental Sustainability with CONTACT Software*

##### Key Takeaways

- Embedding sustainability in PLM enables the integration of environmental factors into lifecycle activities, including Product Carbon Footprint (PCF), along with sustainability-related material and supplier data, supporting informed decision-making and ensuring regulatory compliance.
- CONTACT Software enables the aggregation of CO<sub>2</sub>-equivalent (CO<sub>2</sub>eq) emissions using PLM data across development phases while supporting variant management and PCF calculations. It integrates sustainability-related materials data to provide a transparent view of cost and environmental impact.
- CONTACT Software enables strategic procurement, resulting in better decision-making by seamlessly integrating supplier data with environmental declarations via PCF data.
- CONTACT Software provides a comprehensive energy management solution that helps reduce environmental impact and improve efficiency by monitoring and optimizing energy consumption throughout production processes.

##### Introduction

Climate change is no longer a distant threat. It is a present reality. In 2024, the average global surface temperature reached a staggering 1.55°C above the pre-industrial baseline (1850–1900), the warmest on record, pushing humanity closer to climate thresholds the Paris Agreement aims to avoid.<sup>[1]</sup> This agreement seeks to limit global warming to well below 2°C, preferably to 1.5°C, by the end of the century.<sup>[2]</sup> Current projections forecast a rise between 2.8°C and 3.1°C, a trajectory that will cause severe and irreversible damage to global ecosystems and societies.<sup>[3]</sup> Corporations can no longer treat sustainability as a side initiative. Companies must rethink the environmental impact of every product decision by embedding sustainability directly into the Product Lifecycle, from concept through end-of-life.<sup>[4]</sup>

The surge in greenhouse gas (GHG) emissions not only accelerates global warming. It also intensifies ecosystem disruption, biodiversity loss, and resource scarcity. Beyond climate concerns, sustainability today encompasses the responsible use of water, soil, and chemicals along with waste reduction. Inaction today increases the likelihood of intensified climate-related disasters, ecological collapse, food and water insecurity, and economic instability.

Amid growing evidence of environmental harm, sustainability is no longer a fringe concern. It has become central to both consumer and investor behavior. Nearly 80% of investors now prioritize companies that can deliver market-rate returns while having a positive social and environmental impact.<sup>[5]</sup> Manufacturers in particular face rising scrutiny. They must adapt to

new environmental regulations, including the EU's Corporate Sustainability Reporting Directive (CSRD) and Ecodesign for Sustainable Products Regulation (ESPR), which require transparency around carbon impacts and sustainability practices. Standards like the GHG Protocol and ISO 14067 provide the framework for measuring and reporting these metrics accurately.

As sustainability challenges worsen and the impact of climate change intensifies, this has shaped political and social discourse, presenting companies with a once-in-a-generation challenge to drive more circular and sustainable products. As the political, economic, and environmental stakes rise, the pressure to embed sustainability throughout the product lifecycle has become the defining challenge of our lifetime.

### Challenges Abound with the Traditional Product Development Approach

Traditional product development follows a linear "take-make-waste" model. This outdated framework relies heavily on virgin materials, promotes inefficient manufacturing, and lacks accountability for downstream impacts like waste and pollution. As a result, it has contributed significantly to climate and environmental degradation.

One of the most critical oversights is that over 80% of a product's environmental footprint is determined in the design phase.<sup>[6]</sup> Yet, product teams historically lacked the tools or data to make sustainability-informed design decisions. This is particularly problematic when dealing with Scope 3 emissions, which include emissions from the value chain, such as raw material extraction, transportation, and supplier activities. These emissions often represent up to 90% of a company's total carbon footprint.<sup>[7]</sup>

Compounding this issue is a lack of visibility. Traditionally, there was no capability to store PCF data in bills of material (BOMs) or manufacturing plans, nor to select suppliers based on the CO<sub>2</sub>eq-intensity of their materials. As a result, companies lacked the insights needed to reduce their PCF and effectively prioritize lower-carbon options or implement eco-design and circular economy strategies. This represents a significant obstacle to sustainability and compliance in a rapidly evolving regulatory landscape.

### A PLM-Centric Sustainable Solution

A comprehensive solution to these issues must begin with embedding PCF data directly into the Product Lifecycle Management (PLM) environment. Integrating CO<sub>2</sub>eq emissions into BOMs and product structures enables designers and engineers to make environmentally conscious decisions from the earliest stages. The system must accommodate both primary data from suppliers and secondary data from Life Cycle Assessment (LCA) databases to ensure accuracy and completeness.

The solution must also be dynamic and responsive to configuration variants, allowing the understanding of accurate PCF emission factors across diverse product lines. Beyond design, the PLM solution should encompass end-of-life considerations and regulatory compliance, supporting standards such as REACH, RoHS, the GHG Protocol, and ISO 14067. To close the loop, it should facilitate data exchange with suppliers, allowing for primary emissions data collection and auditing. These capabilities are required with emerging regulations like CSRD and ESPR, which demand granular, verifiable environmental reporting.

An ideal PCF-integrated PLM solution extends sustainability throughout the entire product lifecycle, from ideation through use and end-of-life management. It empowers organizations to evaluate trade-offs between cost, environmental impact, and regulatory risk—enabling more sustainable and compliant innovation.

#### CONTACT Software’s Sustainable-Driven PLM Capabilities

CONTACT Software provides an advanced PLM platform—CONTACT Elements—built on a modular, service-oriented architecture that supports cloud and on-premises deployment. This open and composable design enables companies to flexibly scale and configure sustainability functions to meet specific business needs. CONTACT Elements embeds sustainability directly into product development by embedding features such as PCF calculations and sustainable product costing within the PLM environment. This empowers companies to systematically assess and reduce their environmental impact throughout the product lifecycle.

CONTACT Software’s PCF solution is built upon established standards such as ISO 14067 and the GHC Protocol to support emissions tracking across the entire product lifecycle. The system integrates both primary supplier data and secondary data from established LCA databases such as GaBi and Ecoinvent, enabling top-down and bottom-up analyses. It offers granular visibility into Scope 1, 2, and 3 emissions, as well as other environmental KPIs such as water consumption, waste generation, and others, which is crucial for a compliance and sustainability performance improvement.

CONTACT Software also incorporates product costing into its PCF framework, giving users an integrated view of both the financial and environmental metrics. This dual visibility helps inform strategic decisions that optimize both cost and sustainability. For companies managing complex product configurations, CONTACT supports variant-specific carbon footprint calculations by resolving 150% BOMs to 100% configurations. This functionality is essential for accurate assessments across diverse product lines.

The solution includes strategic supplier integration via CONTACT’s Supplier Collaboration Portal. This portal facilitates the import of actual supplier emissions data, factoring in variables such as transport distance and logistics mode. The result is a comprehensive and realistic picture of total environmental impact—far beyond what secondary data alone can provide.

In addition to product design and sourcing, CONTACT Software also addresses energy consumption during manufacturing. Its energy management functionality allows companies to monitor and optimize energy use across production processes, helping to lower operational emissions and increase efficiency. CIMdata is impressed with the comprehensiveness of CONTACT’s energy management solution. CONTACT’s holistic approach ensures that sustainability is embedded across design, procurement, and manufacturing.

#### Conclusion

Embedding sustainability within PLM environments is not merely a technological evolution—it is a strategic imperative. By integrating environmental factors such as PCF and other environmental KPIs into PLM, companies gain the visibility and tools required to make informed, compliant, and impactful sustainability decisions. This integration supports

everything from eco-design to circularity and regulatory compliance, turning sustainability from a burden into a competitive advantage.

CIMdata is impressed with the maturity of CONTACT Software's PCF offering. We believe it stands out as a leading provider of this new sustainability-driven paradigm. Its open and composable platform offers a scalable, standards-based capability within PLM to track, analyze, and reduce CO<sub>2</sub>eq emissions across the product lifecycle. From integrating supplier environmental declarations to providing product costing transparency and comprehensive energy monitoring, CONTACT offers a complete solution that helps companies meet the growing demands of climate-conscious stakeholders.

In a time of escalating environmental urgency and regulatory scrutiny, solutions like CONTACT's represent not just technological progress but a pathway toward a more responsible and sustainable industrial future. CIMdata recommends that companies looking to reduce their product carbon and overall environmental footprint, as well as those looking to monitor and reduce their energy consumption within manufacturing, and those looking to decarbonize their value chain, consider CONTACT Software in their evaluation.

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[1] [https://wmo.int/media/news/wmo-confirms-2024-warmest-year-record-about-155deg-above-pre-industrial-level?utm\\_source=chatgpt.com](https://wmo.int/media/news/wmo-confirms-2024-warmest-year-record-about-155deg-above-pre-industrial-level?utm_source=chatgpt.com).

[2] [https://www.ipcc.ch/sr15/?utm\\_source=chatgpt.com](https://www.ipcc.ch/sr15/?utm_source=chatgpt.com)

[3] [https://www.unep.org/news-and-stories/statements/emissions-gap-report-2024-press-statement?utm\\_source=chatgpt.com](https://www.unep.org/news-and-stories/statements/emissions-gap-report-2024-press-statement?utm_source=chatgpt.com)

[4] Research for this commentary was partially supported by CONTACT Software.

[5] [https://www.morganstanley.com/ideas/sustainable-investing-on-the-rise?mkt\\_tok=MjExLU5KWS0xNjUAAAGYwmyrGLZ8mpws6GZWUA5-Dbs4VKE\\_hCZJirJtuB0WYnBNbHnUHdj78dTbYI2FoBHP8tSQ6xPQqQ9uFCkqyJ6ebgRWbSvL8cvDoAB5dKEeEXXU](https://www.morganstanley.com/ideas/sustainable-investing-on-the-rise?mkt_tok=MjExLU5KWS0xNjUAAAGYwmyrGLZ8mpws6GZWUA5-Dbs4VKE_hCZJirJtuB0WYnBNbHnUHdj78dTbYI2FoBHP8tSQ6xPQqQ9uFCkqyJ6ebgRWbSvL8cvDoAB5dKEeEXXU)

[6] [https://www.europarl.europa.eu/RegData/etudes/BRIE/2022/733524/EPRS\\_BRI%282022%29733524\\_EN.pdf?utm\\_source=chatgpt.com](https://www.europarl.europa.eu/RegData/etudes/BRIE/2022/733524/EPRS_BRI%282022%29733524_EN.pdf?utm_source=chatgpt.com)

[7] <https://normative.io/insight/upstream-downstream-emissions/>

## Acquisitions

### *CADENAS becomes part of KEYENCE Group*

20 May 2025

#### **Growing together: CADENAS GmbH and KEYENCE Group**

CADENAS becomes part of the KEYENCE Group, an international leader in the development and manufacturing of industrial automation and inspection equipment.

On May 20, 2025, CADENAS GmbH becomes part of the KEYENCE Group. This decision has been made with great conviction, with the aim of joining forces to take the engineering platform, 3Dfindit to the next level.

### **About KEYENCE Group**

KEYENCE Group is a global market leader in the development and manufacturing of industrial automation and inspection equipment. For the past 25 years, the company has achieved an average annual growth rate of 10%. It is one of the top 5 companies in Japan based on market capitalization as of March 2024 and serves 350,000 customers in 46 countries.

### **About CADENAS**

Founded in 1992 in Augsburg, Germany, CADENAS GmbH has been growing continuously to become a globally operating company. Today it operates a platform business that connects approximately 10 million users with numerous parts suppliers in the essential field of 3D CAD for future manufacturing.

After more than 30 years of continuous growth and strong team performance, the time is right to open the next chapter with a strong partner.

### **CADENAS becoming part of the KEYENCE Group**

CADENAS is taking this strategic step to further its mission of driving innovation and expanding its impact for customers and partners in a dynamic market. This move reflects the company's ongoing commitment to advancing its engineering platforms and delivering greater value through digital transformation.

As the partnership moves forward, CADENAS will expand the portfolio and support KEYENCE's mission: delivering superior technology and unmatched support to create lasting value for customers.

### **What does that mean for customers?**

As customers, you will not experience any changes in our cooperation. Our team will remain the same, and your usual contacts will continue to be available. We will continue to develop our software independently, and we will remain a neutral, reliable partner for manufacturers and companies of all kinds, regardless of industry. As a matter of course the information that CADENAS obtains about its customer will be responsibly managed by CADENAS itself. We are looking forward to the new opportunities that the new chapter will bring.

## *Honeywell to Acquire Johnson Matthey's Catalyst Technologies Business, Expanding Portfolio of Leading Catalyst and Process Technologies*

22 May 2025

Honeywell announced that it has agreed to acquire Johnson Matthey's Catalyst Technologies business segment for £1.8 billion in an all-cash transaction, representing approximately 11x estimated 2025 EBITDA, inclusive of tax benefits and run-rate cost synergies. The combination of Johnson Matthey's Catalyst Technologies business with Honeywell's Energy and

Sustainability Solutions (ESS) business segment is expected to add attractive high growth vectors to the portfolio and drive significant additional benefits through cost synergies.

Johnson Matthey's Catalyst Technologies' business model complements Honeywell's existing UOP business of selling catalyst and process technologies and expands its installed base across refining and petrochemical catalysts. In addition, with an expanded portfolio, Honeywell will for the first time be able to offer customers a comprehensive solution for the production of lower emission, critical fuels including sustainable methanol, sustainable aviation fuel (SAF), blue hydrogen and blue ammonia, which enhance energy security and reduce emissions. The resulting offerings will provide licensed technology, engineering, services and catalysts to convert hydrocarbon and renewable feedstocks to high-value end products.

"The acquisition of Johnson Matthey's Catalyst Technologies business broadens Honeywell's role as a world-class technology provider of critical energy needed to drive growth into the future – further strengthening our model of combining process technologies and process automation," said Vimal Kapur, Chairman and CEO of Honeywell. "As demand for diversified sources of energy continues accelerating, we will better enable Honeywell to offer the innovation our customers need."

Johnson Matthey's Catalyst Technologies business segment is a leading provider of catalyst manufacturing and process technology licensing. It has approximately 1,900 employees and is headquartered in London, United Kingdom, with sites in the U.S., Europe and India.

"As we continue to expand and evolve our ESS portfolio, acquiring Johnson Matthey's Catalyst Technologies business will provide our customers a comprehensive and cost-effective approach to transition their businesses to high-value products with lower emissions," said Ken West, President and CEO of Honeywell's ESS segment. "Together, we will be able to create an integrated solution while also diversifying our UOP projects and service offerings to help our customers around the world continue innovating and driving energy security for the future."

The acquisition is expected to be accretive to earnings in the first year and will add attractive high growth vectors to Honeywell's ESS business.

The acquisition follows Honeywell's announcement of the planned spin off of its Aerospace Technologies business along with the planned spin off of its Advanced Materials business, which will result in three publicly listed industry leaders with distinct strategies and growth drivers.

Since December 2023, Honeywell has announced a number of strategic actions to drive organic growth and simplify its portfolio, including approximately \$11 billion of accretive acquisitions recently closed or announced: the Access Solutions business from Carrier Global, Civitanavi Systems, CAES Systems, the LNG business from Air Products, and Sundyne. In addition, Honeywell entered into an agreement to divest its Personal Protective Equipment business, which is expected to close in Q2 2025. Honeywell remains on pace to exceed its commitment to deploy at least \$25 billion toward high-return capital expenditures, dividends, opportunistic share purchases and accretive acquisitions through 2025.

Honeywell's acquisition of Johnson Matthey's Catalyst Technologies business segment is expected to close by 1H 2026, subject to customary closing conditions, including receipt of certain regulatory approvals.

### *Siemens to bring advanced timing constraint capabilities to EDA design flow with Excellicon acquisition*

19 May 2025

Siemens Digital Industries Software announced that it has entered into an agreement to acquire Excellicon. This will bring Excellicon's best-in-class software for the development, verification, and management of timing constraints to Siemens' EDA portfolio of software for IC design. The planned acquisition enables Siemens to deliver an innovative approach to both implementation and verification flows -enabling System-on-a-Chip (SoC) designers to improve power, performance and area (PPA), accelerate design closure, enhance functional and structural constraint correctness, improve productivity and address key gaps in the current workflows.

The SoC design landscape is rapidly evolving, driven in part by growing design complexity. Timing constraints management is required throughout the design process to meet power, performance, area and time-to-market requirements.

"Effective timing constraints management is crucial for the overall success of semiconductor system-on-chip designs," said Mike Ellow, CEO, Siemens EDA, Siemens Digital Industries Software. "Excellicon's constraint verification and management solution complements Siemens' existing EDA offerings and expands our portfolio into key market segments in flows with the Questa, Tessent, Aprisa and PowerPro products."

The addition of Excellicon's comprehensive, proven product portfolio covers the entire spectrum of timing constraints authoring, compiling, verification, formal validation and management using a multi-mode approach that bridges early design concepts with their physical implementation - offering insights into partitioning schemes for optimal floorplans and timing. The integration of Excellicon's timing constraint verification and management technology into Siemens will strengthen both implementation and verification flows.

"We are delighted to join Siemens and bring our knowledge and expertise in timing constraints management to the wider Siemens EDA community," said Himanshu Bhatnagar, CEO, Excellicon. "Together, we'll be able to provide better process coverage and enable our customers to deliver robust innovation to market more quickly and overcome the ever-growing complexity challenges facing the IC industry."

Founded in 2009 in Laguna Hills, USA, Excellicon develops tools for timing constraints used in digital design and verification workflow. Terms of the acquisition, which is expected to close in a few weeks, were not disclosed.

## Company News

### *Accenture and SAP Join Forces to Help Companies Enable Connected Intelligence Across the Enterprise to Drive Speed and Agility in the AI Era*

20 May 2025

Through a strategic expansion of their longstanding partnership, Accenture and SAP SE have launched ADVANCE . For the first time, the two companies have worked together to create a pathway to the cloud for organizations pursuing high growth with annual revenue of up to US\$5 billion to help create more connected, intelligent and responsive enterprises.

Drawing on more than four decades of learnings from working with the world's largest organizations, Accenture and SAP are applying their expertise and breakthrough innovations to help fast-track business transformation with streamlined finance, procurement, supply chain and workforce management, delivered through preconfigured services. The ADVANCE offerings leverage the power of SAP Business Suite—which brings together business applications, data and AI capabilities—combined with Accenture's industry, innovation, implementation, delivery and operations expertise to provide connected experiences across the enterprise while building resilience and enabling sustainable, top-line growth.

Available in ready-to-consume, right-sized packages, the solutions leverage AI to help companies modernize faster, in as few as six to twelve months, while providing contextual data insights and achieving predictable outcomes. Tailored by industry and function, they provide a smooth service experience, from contracting to continuous innovation.

"This expansion of our longstanding partnership with SAP will tailor leading technologies, industry insights and innovation to meet the specific demands of high-growth companies to help them reinvent, thrive and grow," said Julie Sweet, chair and CEO, Accenture. "By bringing together the very best of Accenture and SAP, ADVANCE can help growing companies gain the speed, agility and resilience they need to meet the challenges and seize the opportunities of today's dynamic business environment."

"To drive real transformation, companies need technology and services that help them move faster, operate more efficiently and scale with confidence," said Christian Klein, CEO of SAP SE. "ADVANCE brings the full strength of SAP Business Suite with Accenture's business transformation services to a new generation of businesses, helping them grow quickly and respond with agility to new opportunities and challenges."

To support the unique needs of this customer segment, Accenture will invest in a dedicated practice of go-to-market and SAP-certified SaaS professionals, who will collaborate closely with SAP product specialists to deliver these packages. The purpose-built packages are focused on the following principles:

- **Simple:** Streamlined systems and process complexity. Preconfigured industry processes and best practices improve workflows and lower costs.

- **Secure:** Reliable and secure business operations with strong encryption, access controls and centralized data management to help improve integrity and compliance.
- **Fast:** Right-sized solutions with transparent pricing can be implemented quickly, achieving business outcomes in months. Industry-tailored accelerators speed time to value and measurable business outcomes, from simplifying financial complexities to supply chain planning.
- **Future-ready:** Respond to changing market conditions faster, while leveraging continuous innovations, including AI agents. Enhance decision-making with data and AI for better customer experience and resilience.

Additional SAP Business Suite offerings and Accenture services are also available, including change readiness, business process management, cybersecurity, AI agents and more.

### *Accenture Collaborates with Dell Technologies and NVIDIA to Accelerate Enterprise AI Transformation with AI Refinery*

20 May 2025

Accenture, in collaboration with Dell Technologies and NVIDIA, is providing an AI solution built on Dell Technologies infrastructure with NVIDIA AI Enterprise software. This helps organizations – particularly those within regulated industries or those with substantial investments in on-premises infrastructure – capitalize on the burgeoning opportunities of agentic AI.

This collaboration extends the reach of the Accenture AI Refinery™ platform, bringing agentic AI capabilities with a one-click deployment to Dell's high-performance, NVIDIA-accelerated infrastructure, helping companies realize value more quickly and reduce total cost of ownership. Accenture will further facilitate AI deployment with NVIDIA Enterprise AI Factory validated design, a guide for organizations to build on-premise AI factories leveraging NVIDIA Blackwell and a broad ecosystem of AI partners.

The solution helps organizations rapidly scale AI in private, on-prem environments. It provides support for key requirements, including data sovereignty and compliance to help meet regulatory and data residency mandates; resiliency and high availability to meet business continuity requirements, security and privacy controls needed for air-gapped environments or restricted network zones; ultra-low latency for real-time uses cases like manufacturing or healthcare imaging; and edge or offline use cases critical for remote, disconnected environments where reliable internet access is limited or unavailable.

“Through this collaboration with Dell Technologies and NVIDIA, Accenture is bringing the power of AI Refinery to on-premises infrastructure, providing an open, interoperable, scalable and secure solution that paves the way for widespread AI adoption,” said Lan Guan, chief AI officer, Accenture. “Together, we’re empowering organizations to accelerate reinvention and unlock new value from data while future-proofing their investments.”

“Our collaboration with Accenture and NVIDIA will provide customers with scalable end-to-end agentic AI capabilities to bring AI to their data on-premises,” said Ihab Tarazi, Chief Technical Officer and Senior Vice President, Dell Technologies. “This solution allows customers to tailor

their strategies and engineered architectures to meet diverse needs, ensuring data integrity and protection to accelerate digital transformation.”

Preconfigured packages integrate Accenture’s AI Refinery and the Dell AI Factory with NVIDIA, which includes NVIDIA Enterprise Alsoftware, streamlining data transfer and indexing to empower data-driven agentic insights. This unified, full-stack solution helps to accelerate enterprise AI transformation by enabling rapid service prototyping with modular, reusable frameworks, automated workflows, and dynamic cloud-to-edge orchestration.

“Regulated industries face the unique challenge of harnessing AI to drive innovation and efficiency while rigorously adhering to complex compliance, data privacy and governance standards,” said Justin Boitano, vice president, Enterprise AI Products, NVIDIA. “Together, NVIDIA, Accenture and Dell deliver a turnkey AI platform for enterprises to accelerate transformation, unlock new value from data and confidently scale AI in alignment with operational requirements.”

### *Autodesk supports pre-approved home designs and AI-powered permitting to accelerate Los Angeles wildfire recovery*

22 May 2025

Autodesk, Inc. announced new funding, technology, and support to accelerate rebuilding efforts in wildfire-affected areas of Los Angeles, following this January’s devastating fires across the region.

1. **Autodesk is partnering with** The Foothill Catalog Foundation (TFCF), a nonprofit organization and network of volunteers creating a first-of-its-kind catalog of modular, pre-approved home designs for survivors of fires in the Los Angeles region. The plans provided through TFCF are expected to reduce architectural and permitting costs for survivors—which can often exceed tens of thousands of dollars—by up to 95%. The plans will also help cut permitting timelines—which can take up to a year—down to a matter of weeks.
2. Autodesk is also funding an AI-powered software tool to supercharge the approval of building permits and speed recovery from the LA Fires, in partnership with Governor Gavin Newsom, LA Rises and other companies.

"Our technology powers the industries that are rebuilding Los Angeles — from planning, architecture, engineering, and manufacturing to construction," said **Andrew Anagnost, President and CEO, Autodesk**. "This is about designing and building for resilience—not just to recover from disaster, but to efficiently scale solutions, inspire recovery models everywhere and futureproof our communities."

#### **A scalable blueprint for wildfire recovery**

With Autodesk’s support, TFCF is enlisting hundreds of volunteer architects, engineers, and students to create home designs tailored to neighborhoods like Altadena. The plans will meet stringent climate resilience standards, including resistance to extreme heat, wildfire, and power outages, while preserving the region’s unique architectural character.

TFCF is also developing a standardized Revit template to ensure each design meets pre-approval and sustainability requirements from the outset. Architects contributing to the catalog will use tools including BIM Collaborate Pro, as well as tools from the Autodesk AEC Collection, such as Autodesk Forma, to streamline collaboration, provide AI-powered analyses and help deliver more resilient homes to families faster.

"This partnership is helping turn our vision into reality at a time when families can't afford to wait," said **Alex Athenson, co-founder of The Foothill Catalog Foundation**. "With Autodesk's established role as a Design and Make leader and their invaluable resources, we're making sustainable, regionally sensitive home designs more accessible—and creating a pathway for faster, more resilient recovery for communities that need it most."

With a focus on design for long-term resilience and sustainability, Autodesk is deepening its commitment to helping communities recover. The company's Design and Make platform is used by AEC industry teams worldwide to reduce waste and lower environmental impacts. These community-centered donations offer real-time solutions to urgent system challenges for those impacted by the fires.

### *Bechtle appoints Christian Jehle to Executive Board*

21 May 2025

The Supervisory Board of Bechtle AG has appointed Christian Jehle as Chief Financial Officer (CFO) and member of the Executive Board. The 49-year-old will join Germany's largest IT system house from Computacenter on 1 January 2026, initially assuming responsibilities previously held by CEO Dr Thomas Olemotz. With this appointment, the European IT company's Executive Board grows to five members for the first time.

Most recently, Christian Jehle served as CFO at Computacenter in the UK. Prior to that, he held similar roles at information services provider, Experian, and software company, Finastra, also in the UK. Earlier in his career, the economics graduate spent eleven years in senior finance roles at SAP, with postings in Germany, Japan and the UK. He began his professional journey at IT manufacturer, Fujitsu Siemens, and consulting firm, Accenture, among others.

"With Christian Jehle, Bechtle gains a seasoned CFO who brings deep industry knowledge and broad international experience," says Klaus Winkler, Chair of Bechtle AG's Supervisory Board. "I'm delighted by this continuation of our carefully planned, long-term succession process on the Executive Board and I wish Christian Jehle every success in his new role."

"I would like to sincerely thank the Supervisory Board for the trust they have placed in me. I am very much looking forward to my future role at Bechtle. Over the past few years, I've followed the company's impressive development with great interest and deep respect for its entrepreneurial achievements. I'm excited to help shape its continued success as part of the Executive Board," says Christian Jehle.

Christian Jehle will join Dr Thomas Olemotz (CEO), Antje Leminsky (COO), Konstantin Ebert (COO) and Michael Guschlbauer (COO) to form Bechtle AG's newly expanded five-member Executive Board. His initial term will run until 31 December 2028.

## Digital Twin Consortium Announces Digital Twin Testbed Program

22 May 2025

The Digital Twin Consortium® (DTC) announced the first testbeds as part of its Digital Twin Testbed Program. This collaborative member-driven program accelerates development, validation, and implementation, demonstrating digital twin evolution with agentic AI and enabling technologies. By providing unprecedented access to early-stage testbed development, members can model, simulate, integrate, rigorously verify, deploy, and optimize digital twin solutions while collectively advancing the core technologies that power tomorrow's digital transformation.

The Digital Twin Testbed Program implements DTC's Composability Framework—utilizing the Business Maturity Model, Platform Stack Architecture, and Capabilities Periodic Table—alongside a capabilities-focused maturity assessment framework that incorporates the evaluation of Generative AI, multi-agent systems, and other advanced technologies.

"We're excited to announce these innovative digital twin testbeds," said Dan Isaacs, GM & CTO of the DTC. "We're seeing strong interest from members worldwide in participating in our collaborative testbed program. Our members are already utilizing this program to develop further and adopt intelligent and generative digital twins and other enabling technologies."

New DTC member-led testbeds include:

- **Virtual Twins for Smart Factory Innovation** – In an era of intensifying competition, skills shortages, and unstable demand, the need for modernized production facilities has never been greater. The testbed highlights the importance of digital twins in virtually simulating production lines, driving innovation, reducing commissioning time, and leveraging operational data for continuous improvement. Dassault Systèmes leads this testbed.
- **Cognitive Network Orchestration** – This testbed validates the capability of agent-based digital twins to communicate across industrial and business domains using standardized manufacturing ontologies. It implements a digital twin-based multi-agency framework with operational infrastructure and communication protocols to create a network of intelligent agents that operate across organizational boundaries. XMPro leads this testbed with Microsoft.
- **Generative AI for Healthcare Digital Twins** – The testbed evaluates a GenAI agent's ability to use retrieval-augmented generation (RAG) with graph data in healthcare. It uses Axomem's cloud and Azure AI Foundry to assess agent accuracy, cost optimization, and safe interaction with sensitive data. Stakeholders include hospital representatives and DTC members, aiming to demonstrate secure and efficient GenAI deployment. Axomem leads this testbed.
- **A Blueprint for Property and Asset Risk Management** – This testbed develops a standardized digital twin blueprint for moving from paper-based processes to real-time, AI-driven asset management. Integrating Martin's Law-aligned fault scenarios will

improve efficiency, ESG outcomes, and compliance. Phased testing and A/B comparisons validate a scalable, transformative model for diverse industries. Crisp leads this testbed in partnership with NEXUS (at The University of Leeds) and TUV SUD, with support from XMPPro, DNV, SLB, the Ferdinand-Steinbeis Institut, Ingenuity Leeds, and Oakridge High School.

- **Automated Negotiation with Digital Twins and MAGs** – This testbed validates the capability of systems to automatically negotiate agreements across organizational boundaries using digital twins for utility evaluation. It further shows how this capability can be integrated with multi-agent generative systems (MAGS) for improved interactivity, reasoning, and autonomy while maintaining institutional policies. NEC leads this testbed with XMPPro.
- **Digital Engineering for the Next Generation** – This testbed is a digital engineering ecosystem for developing assets, accelerating skills, acquisition, and workforce development. It explores the end-to-end digital engineering experience and captures a digital thread of all associated data from design to manufacturing of a “born qualified” asset. The initial asset will be a desk-top statue of a historical figure from the Manhattan Project, including a digital twin AR avatar that can be “chatted” with. Oak Ridge High School leads the testbed with XMPPro, Sev1Tech, SLB, STEM TEC Services LTD, Ingenuity Leeds, and Dassault Systèmes.
- **Sustainable Energy Digital Twin for Operational Management** – The testbed demonstrates a no-code enterprise platform for creating a full-featured, AI-ready digital twin for geothermal operations. It also shows scalable digital twin systems for complex energy infrastructure, enabling rapid deployment, spatial integration, predictive maintenance, and event handling in the renewable energy and industrial operations domain. Decimetrix leads this testbed.
- **Digital Twins for Metal 3D Printing and Optimization** – The testbed addresses the demand for high-quality production of complex geometry metal alloy parts. It demonstrates an IoT-enabled, state-of-the-art 3D metal printer coupled with a digital twin development architecture to achieve real-time, closed-loop control and diagnostics/prognostics capabilities. This integration enhances manufacturing quality and interoperability, advancing industry knowledge in digital manufacturing. Rowan University and XMPPro lead this testbed.

## *Infosys and LogicMonitor Collaborate to Transform Business Performance and Reliability of IT Operations*

21 May 2025

Infosys, a global leader in next generation digital services and consulting, announced its strategic collaboration with LogicMonitor, a leading SaaS-based hybrid observability platform powered by artificial intelligence (AI). By combining Infosys AIOps Insights, part of Infosys Cobalt cloud offering, with LogicMonitor’s Edwin AI, the collaboration seeks to enhance the

observability of IT operations, improving performance, reliability and customer experience across complex systems.

Together, these offerings of Infosys and LogicMonitor aim to reduce problem diagnosis and resolution time by up to 30%, minimize redundant alerts by up to 70%, and provide comprehensive visibility across IT environments. They also deliver persona-based insights, improving forecasting and empowering proactive IT resolutions and business decisions.

**Michael Tarbet, Global Vice President, MSP & Channel, LogicMonitor**, said, "As enterprises navigate increasingly complex IT environments that span on-premises, multi-cloud, and critical devices, the need for a unified, hybrid observability platform powered by AI has never been greater. Through our collaboration with Infosys, we aim to address these challenges and deliver transformative observability solutions to global enterprises. By integrating LogicMonitor's Edwin AI with Infosys' AIOps Insights, we are helping enterprises achieve operational excellence, reduce costs, and ensure IT resilience."

**Patrick Atkins, Director - IT Operations, Sally Beauty Holdings, Inc**, said, "We are pleased with the progress we are making with the LogicMonitor platform. By increasing proactive issue detection capabilities and noise reduction by 40%, we have minimized downtime and improved overall operational efficiency, directly impacting business continuity and performance. Infosys' commitment to driving these improvements is instrumental in strengthening our IT ecosystem, and we look forward to further advancements that support our journey toward operational excellence and sustained stability."

**Anant Adya, EVP and Service Offering Head, Infosys**, said, " We are proud to collaborate with LogicMonitor to redefine the observability landscape. With our expertise in AI-driven insights and proven methodologies leveraging Infosys Cobalt, this alliance helps our customers make informed business decisions while unlocking innovation across the ecosystem. Together, we are equipping enterprises with the tools they need to stay ahead in an increasingly complex IT environment."

## *Lantek and TCI Cutting Drive Automation with an Advanced Sheet Unloading System*

21 May 2025

**Lantek**, a global benchmark in sheet metal software solutions, and **TCI Cutting**, a specialist in high-autonomy industrial cutting systems and intelligent automation through its **MAS Concept®** model (Machinery, Automation, and Software), have jointly developed an innovative automated sheet unloading system. Successfully implemented at several strategic customer sites, this solution optimizes post-cutting material handling by eliminating manual intervention and significantly reducing downtime in the production cycle.

### **Efficient Automation in Sheet Unloading**

Integrated with **Lantek Expert software**, the system leverages technology developed by **TCI Cutting**, combining an intelligent suction cup grid with its **Automation Systems Load &**

**Unload**® platform for laser cutting machines. This integration enables fully automated and highly precise removal of parts directly from the cutting table.

The system detects the exact position of each part, activates only the required suction cups, and ensures precise handling based on the geometry and center of gravity of each piece. As a result, parts are unloaded without error, avoiding the suction of skeleton material or unwanted components and ensuring that each part is safely and accurately handled.

Machines equipped with **TCI Cutting's Automation Systems Load & Unload**® manage material loading and unloading autonomously and can be connected to intelligent storage systems. Once the cutting process is complete, the processed table exits the working area, and the suction system automatically removes the finished parts—without any operator intervention—streamlining the production flow while improving both safety and ergonomics.

"Automating the unloading process without interrupting the cutting cycle is essential to improving efficiency in sheet metal workshops. This solution delivers precision, flexibility, and better machine utilization, reducing operator workload and optimizing the entire production process," explains **Francisco Pérez, OEM Channel Director at Lantek**.

### **A Flexible and Automated Solution to Optimize Production**

"This system not only prevents unloading errors but also provides a flexible, modular, and fully customer-adaptable solution," TCI Cutting states. Unlike traditional systems that only allow stacking of identical parts, this solution deposits all cut parts at a single point, giving the operator freedom to organize them according to production needs.

Suction cup activation can also be manually configured, giving users full flexibility to manage parts with micro-joints or complex geometries. Integration with **Lantek Expert** ensures advanced process control, allowing operators to fine-tune settings based on production requirements and maximize operational efficiency in every cycle.

### **Scalable, Modular, and Customizable Automation for the Sheet Metal Industry**

Initially developed as a tailor-made project, this technology is now available for broader implementation. It stands as an adaptable and scalable automation solution for the sheet metal industry. With this innovation, **Lantek and TCI Cutting** strengthen their commitment to industrial digitalization and production process improvement—offering sheet metal manufacturers a powerful tool to boost productivity, streamline workflows, and enhance competitiveness.

### ***New Egnyte Partnership Enhances Training for AEC and Manufacturing Industries***

13 May 2025

Eagle Point Software, the creator of Pinnacle Series, a leading Learning Management System (LMS) for AEC and manufacturing professionals, announced an expanded partnership with Egnyte to integrate Egnyte's expert-led training content into Pinnacle Series, equipping organizations with the knowledge to optimize their use of Egnyte's powerful cloud-based file-sharing platform.

Through this partnership, Pinnacle Series users will gain direct access to comprehensive training on best practices for document security, collaboration, and project management within Egnyte's platform.

"As the AEC industry continues to digitize, firms need a seamless and efficient way to train their teams on both technical CAD and design skills, as well as file management and data security," said Steve Biver, COO of Eagle Point Software. "By integrating Egnyte-specific training into Pinnacle Series, we're creating a unified learning environment that empowers firms to enhance collaboration, streamline workflows, and securely manage project data; all in one place."

Pinnacle Series offers a range of essential learning tools, including guidance on integrating Egnyte with other programs, document reviews and approvals, and key collaboration features. Additional courses and content will continue to roll out within Pinnacle Series over the coming months to further support teams using Egnyte's platform.

"This partnership enhances the value for Egnyte customers by bringing Egnyte-specific training directly into the Pinnacle Series platform, alongside training for other essential AEC software and business tools," said Kevin Soohoo, senior director of AEC at Egnyte. "With Egnyte training now integrated into the system many firms already use, teams can seamlessly build their skills, improve data management practices, and strengthen security protocols within their existing learning workflow. This ensures employees can efficiently access the knowledge they need, stay compliant, and maximize the full potential of Egnyte's platform while keeping projects on track and teams connected."

The collaboration between Eagle Point Software and Egnyte ensures that organizations will have the resources they need to stay secure, productive, and ahead of the curve in managing their digital content.

### *OpenText Receives 2025 SAP® Pinnacle Award in the Partner Solution Success Category*

22 May 2025

OpenText announced that it received a 2025 SAP® Pinnacle Award in the Partner Solution Success category, which recognizes its outstanding contributions as an SAP partner. SAP presents these awards annually to the top partners that have excelled in developing and growing their partnership with SAP and helping customers run better. Winners and finalists in 24 categories were chosen based on recommendations from SAP, customer feedback, and performance indicators.

"Our premier partner recognition program, the SAP Pinnacle Awards, reflects the outstanding performance and commitment of our partners to deliver customer value, exponential growth, and simplification. The winning partners of this award are recognized for their successful alignment with SAP's business strategy, delivering innovative AI and cloud services and solutions to help businesses succeed," said Christian Klein, CEO of SAP SE.

“OpenText's continued leadership in SAP solution extensions underscores our role as a trusted partner in helping organizations optimize their SAP investments,” said Mark Barrenechea, CEO and CTO, OpenText. “Through our strong collaboration with SAP, we enable businesses to bring information governance to their business processes. Our suite of AI-first content management solutions enables customers to discover, prepare, move, and run their SAP business applications in the Cloud with predictable cost control and uninterrupted delivery. Our customers rely on OpenText SAP solution extensions to meet compliance standards for regulated industries and to establish a data migration & automation strategy that builds the required foundation for AI across structured and unstructured data. We are proud to have received this prestigious award and to be recognized with multiple regional SAP® Solution Extensions Partner Awards in 2025.”

OpenText solutions extensions for SAP focus on connecting information with SAP processes, people, and user interfaces. By seamlessly integrating content and data, organizations can enhance process efficiency, unlock new opportunities for digital transformation, while simultaneously controlling costs and reducing compliance risks. OpenText supports critical business processes such as Procure-to-Pay, Order-to-Cash, and Hire-to-Retire, while enabling transformation across all lines of business—including HR, Finance, Manufacturing, Asset Operations, Supply Chain, and Customer Experience.

SAP Pinnacle Awards shine a spotlight on distinguished partners to acknowledge their dedication to teamwork, exceptional innovation, and capacity to help customers achieve their goals.

### *SEMI and Purdue University Launch AI and Data Analysis Online Courses*

21 May 2025

SEMI, the industry association serving the global semiconductor and electronics design and manufacturing supply chain, announced it has partnered with Purdue University to launch an online course series focused on artificial intelligence (AI) and data analysis techniques for the semiconductor industry. Available through the SEMI University learning platform, the courses were developed to equip semiconductor professionals to integrate AI and data-driven approaches in today's competitive industry landscape.

The full list of 10 online, self-paced SEMI U AI and data analysis courses in partnership with Purdue University are now available. The courses are taught by industry experts and offer a certificate from Purdue upon successful completion of each course module.

“As global demand for semiconductors steadily grows over time, SEMI U is supporting the industry's workforce needs through its flexible learning platform,” said Shari Liss, Vice President of Global Workforce Development and Initiatives at SEMI. “The rapid evolution of the industry warrants both extensive workforce development efforts as well as AI automation for existing operations. Our partnership with Purdue University, a globally recognized leader in semiconductor engineering and technology education, allowed us to tackle both considerations with these courses that teach essential skills in AI, machine learning, and data analytics.”

“There’s an immediate need for semiconductor-focused learning opportunities as manufacturing expands in the United States,” said Dimitrios Peroulis, Purdue University Senior Vice President for Partnerships and Online. “Staffing new facilities with capable talent requires education that keeps pace with the direction of the industry. This platform of SEMI U courses offers industry professionals and students an accessible way to gain valuable, on-demand training in one of the world’s fastest-growing sectors, as well as important related fields such as AI and data analytics and analysis.”

#### **SEMI U’s online series with Purdue University includes:**

- Data Analytics for Decision Makers teaches essential concepts like pattern recognition, visualization, and the basics of AI. This course also offers hands-on opportunities to work with tools.
- Machine Learning in Action: Tools, Techniques, and Industrial Cases teaches fundamental machine learning techniques through a series of real-world examples in Python. Students will have the opportunity to develop their own machine learning solutions.
- Manufacturing Analytics offers step-by-step tutorials on applying machine learning to analyze manufacturing data. By the end of the course, students will understand how to create AI solutions for manufacturing analytics.
- Essential Math Tools for AI: A Practical Refresher breaks down the mathematical background required for careers in AI by illustrating difficult concepts through real-world examples and problems.

### *SPX FLOW Co-Founds European Coalition to Advance Food Tech*

21 May 2025

Four leading companies in the food manufacturing technologies and equipment sector – Alfa Laval, Kronos, SPX FLOW, and Tetra Pak – have announced their joint commitment to collaboratively address the industry's key challenges through the launch of a new industry coalition - Food Manufacturing Technologies Europe (FMTE).

The companies have launched FMTE to fill a critical gap: the lack of a unified voice for the food manufacturing technologies and equipment sector in Europe’s evolving food systems. It aims to contribute to driving the transition toward more competitive, resilient, and sustainable food systems across the continent.

The food manufacturing technologies and equipment sector is a growing industry in Europe, with the region being a significant contributor to a global market that is projected to reach €118.4 billion by 2030. Despite its fragmentation, the sector is propelled by innovation, with the five largest manufacturers in the EU/EFTA2 holding 15% of the global market in 2023. However, the industry faces challenges both at European and global level — including sustaining competitiveness, scaling the adoption of its innovations with a minimised environmental impact downstream in its supply chain, navigating supply chain disruptions, and adapting to evolving regulatory frameworks.

FMTE brings together manufacturers of mechanical and digital equipment solutions, machinery, and technologies used to handle, process, and store food and beverages. The coalition aims to become the unified voice of Europe's food manufacturing technologies.

1. **Strengthen sector resilience and competitiveness:** Strengthen industry collaboration to boost resilience, enhance competitiveness, and align with EU priorities through shared best practices.
2. **Drive sustainability and innovation for impact:** Advance the transformation of food systems by scaling innovations that reduce environmental impact, harness digital solutions to minimize waste, improve energy and water efficiency, and support the EU's climate objectives.
3. **Champion the sector's voice in policymaking:** Actively contribute with evidence, insights and best practices to shaping a supportive EU policy framework that fosters innovation and competitiveness of the European food manufacturing technologies and equipment sector.

In a joint statement, the FMTE Board, comprising business leaders from the four founding companies, shared their collective motivation for forming the coalition:

**"We united to create a platform that gives us a stronger collective voice in shaping Europe's future food manufacturing technologies landscape. In these crucial times for the industry, where delivering tangible impact is more important than ever, we aim to drive innovation in food manufacturing technologies, promote sustainability, and ensure a more influential role in Europe's competitive food industry."**

FMTE will foster open collaboration among industry leaders, EU policymakers, and researchers to accelerate innovation and address shared challenges. As a hub of expertise, it will offer insights, data, and policy intelligence to support better decisions and raise the sector's profile. By promoting innovation, sustainability, and regulatory alignment, FMTE aims to strengthen Europe's competitiveness and help shape the future of a resilient, high-performing food system

### *Ultimo, an IFS company, Appoints Steven Elsham to Accelerate AI-Driven Innovation in Enterprise Asset Management*

22 May 2025

IFS, the leading provider of enterprise cloud and Industrial AI software, announced the appointment of Steven Elsham as the new Chief Executive Officer (CEO) of Ultimo, an IFS company.

Formerly Area Vice President at Salesforce, Elsham led Sales for Marketing, Commerce, Service & Revenue Clouds, and Slack. He brings a proven track record of scaling enterprise software businesses and a visionary approach to the adoption of artificial intelligence (AI) capabilities.

At a time when Ultimo is seeing a surge in customer demand for AI capabilities, Elsham, with over 20 years of experience in cloud technology, digital transformation, and AI strategy, is poised to lead the company into a new era of intelligent asset maintenance. His mandate is

clear: to position the company as the most innovative EAM provider in the industry, enabling customers to unlock unprecedented efficiencies and value from their asset operations, augmented by the power of AI.

**Steven Elsham, Chief Executive Officer at Ultimo, said:** “The future of asset management is predictive, is deeply infused with AI, and delivers unprecedented value for customers with complex industrial assets. As more organizations realize the transformational potential of AI – boosting efficiency, enhancing asset performance and driving smarter decision making – adoption continues to accelerate. I’m genuinely excited to join Ultimo at a pivotal moment when industrial organizations are reimagining how they manage critical assets. Together with our talented team, we will redefine what’s possible in EAM through cutting-edge AI and customer-first innovation.”

AI is already delivering measurable impact for Ultimo EAM users worldwide. By dramatically reducing mean time to repair (MTTR), organizations are boosting employee productivity and maximizing asset availability. In manufacturing alone, where downtime can exceed \$100K per hour and 80 percent of MTTR is spent diagnosing issues, even small reductions translate to significant gains.

Beyond financial returns, AI is transforming the technician experience. Features like photo-based meter readings, auto-generated image captions, and multilanguage translation are simplifying workflows and empowering skilled labor - critical in an industry facing dramatic talent shortages.

**Michael Ouissi, Group Chief Operating Officer at IFS, said:** “Steven’s deep understanding of the challenges executive business leaders face, and his ability to scale businesses globally while inspiring people to deliver, made him the clear choice to lead Ultimo into its next chapter. The Company’s EAM platform is trusted by 2400+ customers worldwide across sectors including manufacturing, energy, logistics, and healthcare. With Elsham at the helm, the company will accelerate its investment in AI-enabled solutions that offer data-driven insights and intelligent automation.”

## Event News

### *Autodesk to present at upcoming investor conference*

23 May 2025

Autodesk, Inc. announced its executives will be speaking at the following investor conference:

June 4, 2025      Baird 2025 Global Consumer, Technology & Services Conference

A live webcast and replay of the presentations will be available through Autodesk’s Investor Relations Website at [investors.autodesk.com](http://investors.autodesk.com). Please go to the website 15 minutes early to register, download and install any necessary software. More information will be available on [investors.autodesk.com](http://investors.autodesk.com).

## *CIMPA at the Paris Air Show 2025 – Shaping the future of aeronautics*

22 May 2025

From June 16 to 20, together with Sopra Steria, we will be present at the 55th International Paris Air Show (Le Bourget) to showcase our expertise in aerospace and defence.

📍 Join us at Chalet 188 to discover how we support the aerospace industry in addressing rising operational and technological challenges. Our proven, business-oriented solutions are designed to help restore sovereignty over data, processes and critical systems.

On display:

- ◆ Engineering
- ◆ Manufacturing & Supply Chain
- ◆ Customer Services
- ◆ Maintenance Information Systems
- ◆ Air Traffic Management
- ◆ Corporate Services
- ◆ Sustainability

We aim to accelerate execution, improve coordination, and deliver autonomy at scale—aligned with Europe’s strategic imperatives. Come and meet our teams, explore our demos, and let’s shape the future of aeronautics together.

## *pSeven will be presenting and exhibiting at the 2025 NAFEMS World Congress*

19 May 2025

We are excited to announce that pSeven will be participating in the upcoming NAFEMS World Congress 2025, that will be held on May 19-22, 2025, in Salzburg, Austria!

This outstanding event will bring together industry leaders, researchers, and professionals dedicated to advancing engineering simulation and analysis.

The NAFEMS World Congress serves as a global platform for sharing knowledge, inspiring innovation, and fostering collaboration in the field of engineering simulation. Attendees will have the opportunity to engage with experts, explore the latest technologies, and discuss the future of industry. Over 300 technical presentations in 80 dedicated presentation sessions, a range of enlightening training courses and workshops, the largest and most comprehensive hardware and software exhibition dedicated to simulation, panel discussions with NAFEMS Technical Groups, giving you an opportunity to get more involved with the community, and more. It's all about NAFEMS World Congress 2025.

At this year's congress, we are proud to present two insightful talks:

### **Enhancing Engineering Efficiency: The Synergy of SPDM and PIDO Integration**

Laurent Chec, General Director pSeven SAS

In this session, participants will learn how integrating Simulation Process and Data Management (SPDM) with Process Integration and Design Optimization (PIDO) can significantly improve engineering workflows.

### **Collaborative Design and Optimization of the Aircraft Wing Geometry**

Nina Moello, Application Engineer pSeven SAS

This talk will delve into innovative approaches for optimizing aircraft wing designs, emphasizing the importance of collaboration in achieving aerodynamic efficiency and performance.

In addition to our presentations, we will have a booth (number G3) in the exhibition area where we will showcase our cutting-edge products, pSeven and pSeven Enterprise. pSeven offers an intuitive platform for simulation data management, while pSeven Enterprise provides powerful tools for advanced optimization and process integration.

Join us at the NAFEMS World Congress 2025 to explore the future of engineering simulation and discover how pSeven can help enhance your engineering processes. We look forward to connecting with you there!

## Financial News

### *AUTODESK, INC. ANNOUNCES FISCAL 2026 FIRST QUARTER RESULTS*

22 May 2025

Autodesk, Inc. reported financial results for the first quarter of fiscal 2026, ended April 30, 2025.

"Against an uncertain geopolitical, macroeconomic, and policy backdrop, our strong performance in the first quarter of fiscal 26 set us up well for the year," said Andrew Anagnost, Autodesk president and CEO. "We continue to make the right decisions to drive long-term shareholder value by focusing on our strategic priorities in cloud, platform, and AI; optimizing our sales and marketing to drive higher margins; and allocating more capital to share repurchases as our free cash flow grows."

"Q1 was another strong quarter. We have not seen changes in overall business momentum when compared to recent quarters," said Janesh Moorjani, Autodesk CFO. "Our guidance for Q2 and the rest of the year now includes currency movements since February partly offset by additional caution in our growth assumptions to reflect greater macro economic uncertainty."

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

<i>(In millions, except percentages and per share amounts)</i>	<b>Q1 FY26</b>	<b>YoY Change</b>
Billings	\$ 1,434	29 %
Revenue	\$ 1,633	15 %

GAAP Operating Margin (1)	14 %	(7) ppt
Non-GAAP Operating Margin	37 %	3 ppt
GAAP EPS (1)	\$ 0.70	\$ (0.46)
Non-GAAP EPS	\$ 2.29	\$ 0.42
Cash flow from operating activities	\$ 564	14 %
Free cash flow	\$ 556	14 %

*Net Revenue by Product Type*

	Q1 FY26	YoY Change	YoY Change in Constant Currency
<i>(In millions, except percentages)</i>		%	%
Design	\$ 1,361	14 %	15 %
Make	179	23 %	24 %
Other	93	22 %	24 %
Total Net Revenue	\$ 1,633	15 %	16 %

*Net Revenue by Geographic Area*

	Q1 FY26	YoY Change	YoY Change in Constant Currency
<i>(In millions, except percentages)</i>		%	%
Americas	\$ 725	17 %	17 %
EMEA	627	17 %	18 %

APAC	281	6 %	11 %
Total Net Revenue	\$ 1,633	15 %	16 %

#### Net Revenue by Product Family

Our product offerings are focused in four primary product families: Architecture, Engineering, Construction, and Operations ("AECO"), AutoCAD and AutoCAD LT, Manufacturing ("MFG"), and Media and Entertainment ("M&E").

	Q1 FY26	YoY Change	YoY Change in Constant Currency
<i>(In millions, except percentages)</i>		%	%
AECO	\$ 809	20 %	21 %
AutoCAD and AutoCAD LT	411	9 %	10 %
MFG	309	15 %	16 %
M&E	76	7 %	8 %
Other	28	— %	2 %
Total Net Revenue	\$ 1,633	15 %	16 %

#### Remaining Performance Obligations

<i>(In millions, except percentages)</i>	Q1 FY26	YoY Change
Deferred Revenue	\$ 3,929	(1) %
Unbilled deferred revenue	3,228	67 %
Remaining performance obligations ("RPO")	7,157	21 %
Current RPO	4,552	16 %

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(1) Includes a \$54 million non-cash charge reflecting a cumulative adjustment in stock-based compensation since fiscal 1999 related to the Company's Employee Stock Purchase Program. The differences were not material to any prior interim or annual periods, nor to the current fiscal year.

### Business Outlook

The following are forward-looking statements based on current expectations and assumptions, and involve risks and uncertainties, some of which are set forth below under "Safe Harbor Statement." Autodesk's business outlook for the second quarter and full-year fiscal 2026 considers the current economic environment and foreign exchange currency rate environment. A reconciliation between the second quarter and full-year fiscal 2026 GAAP and non-GAAP estimates is provided below or in the tables later in this document.

#### *Second Quarter Fiscal 2026*

<b>Q2 FY26 Guidance Metrics</b>	<b>Q2 FY26 (ending July 31, 2025)</b>
Revenue (in millions)	\$1,720 – \$1,730
EPS GAAP	\$1.37 – \$1.46
EPS non-GAAP (1)	\$2.44 – \$2.48

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(1) See GAAP to Non-GAAP reconciliation at the end of this document.

#### *Full Year Fiscal 2026*

<b>FY26 Guidance Metrics</b>	<b>FY26 (ending January 31, 2026)</b>
Billings (in millions) (1)	\$7,160 – \$7,310
Revenue (in millions) (1)	\$6,925 – \$6,995
GAAP operating margin	21% – 22%

Non-GAAP operating margin (2)	36.5% – 37%
EPS GAAP	\$4.63 – \$5.14
EPS non-GAAP (2)	\$9.50 – \$9.73
Free cash flow (in millions) (3)	\$2,100 – \$2,200

(1) See supplemental materials available on our investor relations website for growth rates excluding currency movements and the new transaction model.

(2) See GAAP to Non-GAAP reconciliation at the end of this document.

(3) Free cash flow is cash flow from operating activities less approximately \$50 million of capital expenditures, and includes restructuring and other related cash outflows of \$105 to \$115 million, and an anticipated discrete cash benefit of \$130 to \$150 million from the utilization of US deferred tax assets.

The full-year fiscal 2026 outlook assumes a projected annual effective tax rate of 27 to 30 percent for GAAP, which includes the effects of the utilization of US deferred tax assets, and 19 percent for non-GAAP results. The second quarter fiscal 2026 outlook assumes a projected annual effective tax rate of 26 to 28 percent for GAAP, which includes the effects of the utilization of US deferred tax assets, and 19 percent for non-GAAP results. Shifts in geographic profitability continue to impact the annual effective tax rate due to significant differences in tax rates in various jurisdictions. Therefore, assumptions for the annual effective tax rate are evaluated regularly and may change based on the projected geographic mix of earnings.

### Earnings Conference Call and Webcast

Autodesk will host its first quarter conference call today at 5 p.m. ET. The live broadcast can be accessed at [autodesk.com/investor](http://autodesk.com/investor). A transcript of the opening commentary will also be available following the conference call.

A replay of the broadcast will be available at 7 p.m. ET at [autodesk.com/investor](http://autodesk.com/investor). This replay will be maintained on Autodesk's website for at least 12 months.

### Investor Presentation Details

An investor presentation, Excel financials and other supplemental materials providing additional information can be found at [autodesk.com/investor](http://autodesk.com/investor).

### *Keysight Technologies Reports Second Quarter 2025 Results*

20 May 2025

Keysight Technologies, Inc. reported financial results for the second fiscal quarter ended April 30, 2025.

*“Keysight delivered strong second quarter results with revenue and earnings per share above the high end of guidance. This quarter’s performance underscores the strength of our long-term strategy, deep customer engagement and disciplined execution,” said Satish Dhanasekaran, Keysight’s President and CEO. “Even as we are monitoring the overall macroeconomic environment, we continue to see a healthy funnel of opportunities and are raising full-year growth expectations to the midpoint of our long-term 5-7% target.”*

### Second Quarter Financial Summary

- Revenue was \$1.31 billion, compared with \$1.22 billion in the second quarter of 2024.
- GAAP net income was \$257 million, or \$1.49 per share, compared with \$126 million, or \$0.72 per share, in the second quarter of 2024.
- Non-GAAP net income was \$295 million, or \$1.70 per share, compared with \$247 million, or \$1.41 per share in the second quarter of 2024.
- Cash flow from operations was \$484 million, compared to \$110 million last year. Free cash flow was \$457 million, compared to \$74 million in the second quarter of 2024.
- As of April 30, 2025, cash and cash equivalents totaled \$3.12 billion.

### Reporting Segments

- Communications Solutions Group (CSG)

CSG reported revenue of \$913 million in the second quarter, up 9 percent from the prior year, reflecting 9 percent growth in commercial communications and 9 percent growth in aerospace, defense, and government.

- Electronic Industrial Solutions Group (EISG)

EISG reported revenue of \$393 million in the second quarter, up 5 percent from the prior year, reflecting growth in semiconductor and general electronics, which was partially offset by a decline in automotive and energy.

### Outlook

Keysight’s third fiscal quarter of 2025 revenue is expected to be in the range of \$1.305 billion to \$1.325 billion. Non-GAAP earnings per share for the third fiscal quarter of 2025 are expected to be in the range of \$1.63 to \$1.69, based on a weighted diluted share count of approximately 173 million shares. Certain items impacting the GAAP tax rate pertain to future events and are not currently estimable with a reasonable degree of accuracy; therefore, no reconciliation of GAAP earnings per share to non-GAAP has been provided. Further information is discussed in the section titled “Use of Non-GAAP Financial Measures” below.

### Webcast

Keysight’s management will present more details about its second quarter FY2025 financial results and its third quarter FY2025 outlook on a conference call with investors today at 1:30 p.m. PT. This event will be webcast in listen-only mode. Listeners may log on to the call at [www.investor.keysight.com](http://www.investor.keysight.com) under the “[Upcoming Events](#)” section and select “[Q2 FY25](#)”

[Keysight Technologies Inc. Earnings Conference Call](#)” to participate. The call can also be accessed by dialing 1-404-975-4839 or 1-833-470-1428 toll-free (access code 420906). The webcast will remain on the company site for 90 days.

### *SAIC Schedules First Quarter Fiscal Year 2026 Earnings Conference Call for June 2 at 10 A.M. ET*

20 May 2025

Science Applications International Corp. is scheduled to issue its first quarter fiscal year 2026 results before market open on Monday, June 2, 2025. SAIC executive management will discuss operational and financial results in a conference call beginning at 10:00 a.m. Eastern time, following the issuance of the company’s earnings press release.

The conference call will be webcast simultaneously to the public through a link on the [Investors Relations section of the SAIC website](#). The company will only provide webcast access, “dial-in” access will not be available, and a supplemental presentation will be available to the public through links provided on the website.

After the call concludes, an on-demand audio replay of the webcast can be accessed on the [SAIC Investors Relations website](#).

## Implementation Investments

### *Altair and HD Hyundai Heavy Industries Sign MoU to Advance Eco-Friendly Marine Engine Development Technologies with AI and Simulation*

20 May 2025

Altair, a global leader in computational intelligence, has signed a strategic memorandum of understanding (MOU) with the Engine Research Institute at HD Hyundai Heavy Industries to enhance the performance of eco-friendly marine engines and power AI-driven development initiatives.

“This collaboration goes beyond technology development—it is a strategic partnership to shape the future of marine engine development,” said Pietro Cervellera, senior vice president of aerospace and defense, Altair. “By combining Altair’s global technological capabilities with HD Hyundai Heavy Industries’ expertise in eco-friendly marine engines, we aim to set a new standard for sustainable engine and machinery business.”

Altair was recently acquired by Siemens, a global leader in industrial software, to extend its leadership in simulation and industrial artificial intelligence. Altair technology is being integrated with the Siemens Xcelerator portfolio.

Sungchan An, Ph.D., vice president and head of the Engine Research Institute, HD Hyundai Heavy Industries, stated, “HD Hyundai Heavy Industries and Altair have continuously collaborated on the development of simulation technologies for high-quality HiMSEN engine designs. With Altair now part of Siemens, the development of next-generation engine design

technologies—such as virtual product development and AI-based engine simulation—is expected to further accelerate."

This partnership comes in response to increasingly stringent environmental regulations in the global shipping industry. As digital transformation and technology advancement become critical in shipbuilding, Altair and HD Hyundai Heavy Industries will work together to strengthen innovation through simulation and AI technologies for eco-friendly marine engine development.

Under the agreement, Altair and HD Hyundai Heavy Industries will collaborate to:

- Develop simulation platforms for eco-friendly marine engine design and optimization
- Utilize AI-powered technologies for improving engine performance
- Conduct predictive maintenance and diagnostics capabilities
- Enhance engine safety through AI-based visualization technologies

Altair has proven its technological expertise in simulation-driven design and AI-powered predictive analytics through collaborations with major shipbuilders worldwide. With this collaboration, Altair will actively support HD Hyundai Heavy Industries in advancing eco-friendly marine engines and delivering tangible results in areas such as design efficiency, reduced development cycles, and performance enhancement. Altair is expected to contribute meaningfully to improvements in design efficiency, shorter development cycles, and enhanced performance by leveraging synergies with Siemens' industrial software technologies.

Altair continues to expand the application of its solutions across various industries by combining its AI and simulation expertise with Siemens' industrial software technologies following the acquisition.

### *Bank of Sydney subscribes to Infosys Finacle Digital Banking Suite on AWS Cloud*

21 May 2025

Infosys Finacle, part of EdgeVerve Systems, a wholly-owned subsidiary of Infosys, and Bank of Sydney (BoS), announced the bank's decision to select the Infosys Finacle Digital Banking Suite to power its transformation. Through this strategic collaboration, Bank of Sydney aims to deliver a best-in-class staff and customer experience, reduce cost and complexity through automation and digitization, and position itself strongly for future growth.

BoS will access the Finacle solutions suite in Software-as-a-Services (SaaS) mode through AWS cloud, including the Finacle Core Banking Solution, Finacle Digital Engagement Hub, Finacle Online Banking, Finacle Mobile Banking, and Finacle Digital Onboarding solutions.

Among other benefits, the next-gen Infosys Finacle Digital Banking Suite will also enable BoS to:

- Accelerate transformation with the Finacle Reference Bank – a preconfigured solution with Australia-ready products and processes.
- Enhance digital experience by delivering superior omni-channel self-service capabilities through mobile and online banking.

- Simplify the bank's IT landscape by retiring multiple applications, reducing technical debt and creating a more agile IT environment.
- Innovate at scale leveraging configuration-driven product and service innovation, while seamlessly integrating with the broader ecosystem through open APIs.
- Scale dynamically to support the business growth leveraging the AWS cloud-powered services.

**Melos Sulicich, Chief Executive Officer, Bank of Sydney**, said, "At Bank of Sydney, our strategic goal is to become the leading deposit bank in Australia and to drive significant business growth in the coming years. This requires adapting to rapidly changing customer needs, digital advancements, and regulatory requirements. Transforming our technology stack, centered around our core and digital banking platform, is crucial to meeting these objectives. With Infosys Finacle, we have a proven transformation partner and a next-generation banking platform to address the evolving needs of our business, customers, and regulatory ecosystem."

**Jamie Simon, Director, Banking and Financial Services (A/NZ), AWS**, said, "AWS's collaboration with Infosys Finacle is a commitment to empowering banks with scalability, agility, and flexibility. By leveraging Finacle on AWS, Bank of Sydney is accelerating its digital transformation to enhance customer experiences, achieving faster time to market while optimizing costs. The deployment on AWS provides the bank with a highly secure, agile environment, enabling seamless scalability and integration of digital services. We are excited to support Bank of Sydney in this journey and help drive its continued growth and innovation."

**Sajit Vijayakumar, Chief Business Officer and Global Head, Infosys Finacle**, said, "We are thrilled to announce our collaboration with Bank of Sydney, marking a significant milestone in our expanding presence in Australia. This partnership underscores our commitment to providing flexible and affordable modernization solutions to Australian financial institutions. With Infosys Finacle's advanced cloud-native suite on AWS, Bank of Sydney will benefit from a modern, customer-centric digital banking platform, enabling better engagement, innovation, and operation. We look forward to supporting our customers in Australia and helping them thrive in the digital age."

### *Dassault Systèmes and the FondaMental Foundation Launch a Sovereign and Secured Nationwide Health Data Warehouse in France Dedicated to Psychiatry*

20 May 2025

Dassault Systèmes and the FondaMental Foundation announced their collaboration to deploy a nationwide Health Data Warehouse (HDW) in France dedicated to psychiatry. This project aligns with France's 2025 public health priorities: strengthening diagnostic and therapeutic research and innovation capabilities by structuring and leveraging complex clinical data within a sovereign and highly secure framework, to improve the understanding, diagnosis and treatment of psychiatric disorders.

Through the deployment of this Health Data Warehouse, Dassault Systèmes - with its OUTSCALE brand - addresses the growing needs for health data security for processing and

analysis. It supports the FondaMental Foundation's work on complex conditions such as bipolar disorders, schizophrenia, treatment-resistant depression, and autism spectrum disorders.

The OUTSCALE sovereign cloud, certified for Health Data Hosting and qualified SecNumCloud 3.2 by ANSSI, meets the highest standards for protecting sensitive data, especially health data. It provides a high-performance, sovereign, and scalable cloud environment, combining computing power, trusted infrastructure, and an optimized network to advance scientific understanding of mental health conditions while enabling more precise and personalized care approaches.

Created by France's Ministry of Higher Education and Research, the FondaMental Foundation is a scientific cooperation foundation dedicated to psychiatric research and improving care. It coordinates a network of 54 Expert Centers, each specialized by pathology, where patients are referred by medical professionals to undergo comprehensive assessments (somatic, psychiatric, and neuropsychological). These evaluations enable the development of personalized therapeutic programs. During this process, a large volume of clinical data and biological samples is collected—with patients' consent—then anonymized and compiled into extensive databases and biobanks. More than 20,000 patients are seen in consultation and 6,000 diagnosed. Over 2,000 clinical variables are collected per patient in each Expert Center.

This Health Data Warehouse will enable:

- Improved patient monitoring and optimized care pathways, especially through better coordination between psychiatrists, general practitioners and specialists.
- Refined diagnoses and the development of new therapeutic strategies.
- The integration of artificial intelligence (AI) in mental health, with the capacity to embed machine learning models for advanced analyses, similar to current applications in medical imaging for analyzing X-rays, MRIs, or CT scans with high precision.

"This project equips us with a foundational tool for psychiatric research. By consolidating multimodal data in a secure and sovereign environment, it paves the way for better understanding of psychiatric disorders, more accurate diagnoses, and more suitable treatments. Thanks to this collaboration with Dassault Systèmes, we are reinforcing our commitment to precision psychiatry, serving both patients and healthcare professionals," said Marion Leboyer, Executive Director of the FondaMental Foundation.

Building on this successful collaboration, Dassault Systèmes aims to expand this approach to other pathologies such as rare diseases, cardiovascular conditions, diabetes, neuroscience, and associated healthcare institutions. This vision stems from a strong conviction: to redefine the medicine of tomorrow through intelligent and secure use of health data.

"By partnering with the FondaMental Foundation, we are putting innovation at the service of mental health research—secure, compliant, and powered by the most advanced technologies. This secure Health Data Warehouse paves the way for a new collective momentum around health data, for the benefit of all. It embodies a bold ambition: to build, together, a more personalized, predictive, and human-centered medicine, driven by AI and the cloud - a true

reference model for other institutions looking to engage in this transformation,” said Philippe Miltin, CEO, OUTSCALE, Dassault Systèmes.

This announcement is part of Dassault Systèmes’ ongoing work on mental health and psychiatric conditions. True to its vision of digital transformation for healthcare, the company is strengthening its commitment by integrating cutting-edge technologies. Among these innovations are the virtual twin in healthcare—for data modeling, simulation, and data intelligence—and MEDIDATA, for the virtualization of clinical trials. These are central to providing solutions tailored to mental health challenges, and enhancing research and treatment processes.

### *EON Reality Accelerates Bulgaria’s Defense Transformation & NATO Integration with Spatial AI & XR, Forging an AI-Ready Bulgarian Armed Forces*

21 May 2025

EON Reality, the global leader in augmented and virtual reality-based knowledge transfer for industry and education, announced a strategic initiative designed to support **Bulgaria’s defense transformation**, accelerate its integration with **Western military standards**, and bolster its role within **NATO**. This initiative introduces the specialized “**AI Academy for Defence – Bulgarian NATO Integration Track**,” leveraging EON Reality’s revolutionary **Spatial AI technology**. EON Reality is building partnerships with the Bulgarian Ministry of Defence, the Bulgarian Armed Forces training commands, key academic institutions like the Rakovski National Defence College, and the national defense industry to deploy a **transformative XR and AI training ecosystem**. This program aims to rapidly equip Bulgarian military personnel with the **advanced, AI-era skills** needed to operate and maintain new platforms like the **F-16 Block 70** and other Western systems, facilitating a crucial shift from legacy Soviet-era equipment.

#### **The Why: Bridging the Skills Gap for Bulgaria’s Transition to Western Systems and NATO Standards**

Bulgaria is undertaking a significant **defense modernization effort**, increasing spending towards the NATO 2% GDP target and acquiring key Western capabilities, most notably the **F-16 Block 70 fighter aircraft**, alongside armored vehicle modernization and naval procurements. This comprehensive **transition from Soviet-era equipment** presents a substantial **training and skills challenge**. Bulgarian forces must rapidly master complex new technologies, adopt **NATO operational standards and procedures**, enhance interoperability with Alliance partners, and overcome limitations in existing technical training infrastructure, often while facing **resource constraints**. **Traditional training methodologies** struggle to meet the speed, scale, and complexity required for this transformation, potentially delaying the operational effectiveness of **Bulgaria’s vital modernization investments** and its full integration into NATO collective defense.

#### **The What: EON Reality’s Integrated Ecosystem, Powered by Spatial AI for Bulgarian Armed Forces Readiness**

EON Reality provides a **holistic, AI-driven solution** designed to address Bulgaria's specific defense modernization and NATO integration training needs. This initiative leverages the full EON Reality ecosystem, tailored for the Bulgarian Armed Forces:

- **The EON-XR Platform:** The secure, scalable **technological foundation**, enabling the rapid creation and deployment of **high-fidelity, interactive 3D training simulations** of key platforms entering Bulgarian service (F-16 Block 70, modernized land vehicles, etc.). Its **revolutionary Spatial AI Text-to-XR capability** allows Bulgarian technical manuals, NATO STANAGs, or text prompts to be instantly converted into **interactive XR learning modules in Bulgarian in under 80 seconds**, accelerating the development of relevant, **nationally-aligned training content**.
- **Specialized AI Academy for Defence – Bulgarian NATO Integration Track:** A **dedicated workforce pipeline** focused on Bulgaria's transition priorities. It blends immersive XR simulation (e.g., F-16 Block 70 cockpit procedures, Western vehicle maintenance, NATO communication protocols) with **AI-personalized learning journeys**, accelerating practical skill acquisition and granting **relevant Bulgarian/NATO micro-credentials**.
- **EON Career Guide & Compass:** Intelligent AI tools assisting Bulgarian personnel to navigate evolving career paths within the modernizing Armed Forces, identify skill gaps related to **new Western systems and NATO roles**, and visualize **customized development roadmaps**.
- **AI-Era Bulgarian Military Curriculum:** Developed collaboratively with **Bulgarian military SMEs and academic partners**. Features dynamic modules focusing on technical proficiency alongside critical **AI-era competencies** and **NATO interoperability skills:** networked operations, data interpretation from modern sensors, human-machine teaming, and decision-making aligned with **Alliance standards**.

This integrated approach provides **hyper-realistic virtual scenarios** relevant to Bulgaria's operational context and NATO commitments. It significantly accelerates the learning curve for complex Western technology, allowing personnel to learn critical skills up to **4x faster** than traditional methods, enhancing **operational readiness and interoperability**.

### **The How: Synergistic Partnerships & Scalable, Secure Deployment in Bulgaria**

This key Bulgarian initiative relies on a **synergistic, nationally-focused collaborative framework**. EON Reality is actively establishing partnerships with key Bulgarian institutions:

- **Government & Military Leadership (e.g., Ministry of Defence, Defence Staff, Service Training Commands):** Providing strategic direction, defining specific training requirements linked to F-16 delivery and other modernization timelines, ensuring alignment with **NATO capability targets**, and facilitating integration within the Bulgarian Armed Forces.
- **Academic & Training Institutions (e.g., Rakovski National Defence College, Vasil Levski National Military University):** Serving as potential **deployment hubs** and centers for

expertise, integrating XR/AI training into officer and NCO education, contributing pedagogical knowledge, and supporting **NATO standard adoption**.

- **Bulgarian Defense Industry & Regional Partners:** Collaborating where appropriate on defining skill needs for sustained support of new systems, potentially validating training elements, and supporting the growth of a **modernized national defense skills base**.

Deployment strategies will be **flexible and secure**, adhering to **Bulgarian national security protocols** and NATO requirements. Options include establishing **AI Academy centers** near key bases (e.g., Graf Ignatievo Air Base), integration into existing military training facilities, **mobile XR units** for distributed units or NATO exercises, and comprehensive **Bulgarian-language train-the-trainer programs** to foster long-term national expertise and sustainability.

**Key Benefits for Bulgaria’s Defense Transformation & NATO Role:**

- **Accelerated F-16 Block 70 Operational Readiness:** Dramatically reduces training time (by up to **60%**) for pilots and ground crews on the advanced F-16 Block 70 platform, mastering skills **4x faster** to ensure rapid and effective integration into the Bulgarian Air Force and NATO air policing missions.
- **Faster Transition to Western Standards:** Accelerate the adoption of **NATO doctrines, procedures, and communication protocols** across the Bulgarian Armed Forces through immersive, standardized training, enhancing **interoperability** with allies.
- **Superior Skill Mastery & Safety:** Achieve high qualification rates (over **95%**) on complex Western systems while conducting **zero-risk training** for high-stakes flight operations, advanced maintenance, and weapon handling. Boost knowledge retention by over **75%**.
- **Optimized Modernization Investment:** Significantly reduce lifecycle training costs (up to **65% savings**) associated with acquiring and operating new Western platforms, maximizing the value derived from Bulgaria’s defense investments despite **resource constraints**.
- **AI-Ready, Interoperable Bulgarian Forces:** Cultivate personnel equipped with essential **AI-era competencies**, ready for networked operations, effective use of modern sensor data, and seamless integration within **NATO operational frameworks**.
- **Strengthened Black Sea / Eastern Flank Security:** Enhance Bulgaria’s ability to contribute capable, modern, and interoperable forces to **regional security** and **NATO collective defense** in a critical strategic area.

**Comparison: Traditional Bulgarian Armed Forces vs. EON Reality’s AI-Era Approach (with Spatial AI)**

Feature	Traditional Bulgarian Armed Forces Training	EON Reality XR & AI Approach (Bulgarian Focus)
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<b>Content Creation Speed</b>	Months/Years, adapting legacy & new Western material	<b>Seconds (under 80)</b> via Spatial AI Text-to-XR, Bulgarian language
<b>Learning Speed</b>	Standard pace, transition challenge	<b>Up to 4x Faster</b> , accelerates Western system mastery
<b>Skill Focus</b>	Transitioning from Soviet-era, technical focus	Technical + <b>NATO Standards, F-16 Systems, AI/Data Skills</b>
<b>Safety Training</b>	Limited live practice on new, complex F-16	<b>Risk-Free Immersion</b> for advanced flight/emergency scenarios
<b>Equipment Practice</b>	Scarce availability of new F-16s & Western kit	<b>Unlimited Practice</b> on virtual Bulgarian inventory replicas
<b>Human-Machine Interaction</b>	Limited in legacy systems	<b>Explicit Training</b> for F-16 digital cockpit & future systems
<b>Adaptability &amp; Updates</b>	Formal cycles, need for NATO alignment	<b>Instant Content Updates</b> , supports rapid NATO integration
<b>Cost Efficiency</b>	High cost of Western system training & sustainment	<b>Significant Cost Reduction</b> , optimizes modernization budget
<b>Job Readiness</b>	Significant adaptation needed for NATO ops	<b>NATO-Ready Faster</b> , enhances interoperability & regional role

**Expanded Targeted Use Cases for Bulgarian Armed Forces Training:**

*(Includes scenarios readily generated/enhanced by Spatial AI)*

- **F-16 Block 70 Pilot & Maintainer Qualification/Conversion Training:** Comprehensive training on advanced avionics, weapon systems (including AIM-120 AMRAAM, AIM-9X Sidewinder), Link 16 operations, and specific maintenance procedures for the Block 70 variant. *(AI converts Lockheed Martin/USAF manuals)*
- **Armored Vehicle Modernization Crew Training:** Developing operator and maintenance skills for new or upgraded Western-standard armored vehicles replacing Soviet-era platforms. *(AI generates scenarios for new vehicle types)*

- **Naval Patrol Vessel Crew Training:** Immersive training on modern bridge systems, sensor operation, and procedures for new multi-purpose patrol vessels enhancing Black Sea capabilities.
- **Air Defense System Upgrade Training:** Familiarization and operational training for crews on modernized or new air defense systems integrated into NATO's IAMD framework.
- **NATO Standard Operating Procedures (SOPs) & Doctrine:** Immersive practice of NATO planning processes, communication protocols, tactical reporting, and operational standards across all relevant branches.
- **Cyber Defense Fundamentals & Awareness:** Foundational training on cyber hygiene, network security basics, and recognizing common cyber threats within a military context.
- **Participation in Virtual NATO Exercises:** Enabling Bulgarian units to participate remotely in NATO collective training exercises within shared virtual environments, enhancing interoperability at lower cost.
- **AR-Guided Maintenance for F-16 & New Western Systems:** Utilizing AR overlays for real-time guidance during maintenance tasks on the F-16 or other newly acquired Western equipment, improving accuracy and reducing errors. *(AI converts technical manuals to AR)*

“Bulgaria’s commitment to modernizing its Armed Forces and fully integrating with NATO, highlighted by the strategic acquisition of the F-16 Block 70, is crucial for regional stability,” said Dan Lejerskar, Chairman of EON Reality. “EON Reality’s **Spatial AI and XR platform** offers Bulgaria the essential tools to **accelerate this transformation**. We can enable Bulgarian pilots, maintainers, and soldiers to master complex Western systems and **NATO procedures 4x faster**, safely and cost-effectively. This initiative is about empowering the Bulgarian Armed Forces with the **AI-ready skills** needed to operate confidently alongside allies and contribute effectively to **Black Sea security and NATO’s collective defense**.”

### *Hitachi Digital Services Announces Five-Year Strategic IT Partnership with Envista*

15 May 2025

*Hitachi Digital Services*, the digital consultancy and technology services subsidiary of Hitachi, Ltd., announced a five-year agreement with Envista Holdings Corporation (“Envista”), a global leader in dental care, to deliver end-to-end IT managed services across Envista’s operations in more than 60 countries.

Following a highly competitive tendering process, Envista selected Hitachi Digital Services as its strategic IT partner to support its digital transformation and operational efficiency goals. Under this agreement, Hitachi Digital Services will provide 24/7 global IT services—including application support, network infrastructure, analytics and business intelligence, and cybersecurity—through its global delivery centers in India, Mexico, Portugal, the U.S. and Vietnam.

“As Envista continues to scale globally and innovate across our family of dental brands, having a reliable, forward-thinking IT partner is critical to our success,” said Andrew Chen, Chief Information Officer at Envista. “Hitachi’s way of doing business aligns well with our commitment to continuous improvement through the Envista Business System (EBS).”

EBS is Envista’s set of values, processes, and tools that guide how the company innovates and drives growth.

“Our partnership with Envista is a major milestone that strengthens our position in the healthcare sector. Over the next five years, we’ll bring the full strength of Hitachi Digital Services to support Envista’s global operations with secure, reliable, and innovative IT services. Together, we’re building the future of healthcare technology—smarter, faster, and more connected,” said Roger Lvin, Chief Executive Officer at Hitachi Digital Services.

The partnership is expected to deliver year-over-year gains in operational efficiency through best practices and AI-enabled automation, freeing up Envista’s internal teams to focus on strategic initiatives.

### *JAJ Group Deploys Centric PLM to Transform and Modernize Data Management*

19 May 2025

Centric Software® announces that French group JAJ – creator, manufacturer and exclusive distributor for Schott NYC in Europe and worldwide license holder for Riviéras—has successfully deployed its Product Lifecycle Management solution, Centric PLM™, within scope and on budget. JAJ Group’s adoption of Centric PLM demonstrates its commitment to modernizing business processes to increase operational efficiency and strengthen its leadership position in a highly dynamic textile sector. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products in 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.

Schott NYC offers a range of affordable men’s, women’s and children’s ready-to-wear clothing inspired by US military styles, as well as footwear and stationery items. Schott NYC licensed its European business to JAJ Group in the 1970s. With the exception of some leather and fabric jackets, which are still made in the company’s US workshops, all textiles for the European market are manufactured by JAJ Group in Asia, Turkey and North Africa. JAJ Group acquired the Riviéras license in 2023 and now designs and distributes the brand’s summer footwear and textiles.

JAJ Group originally wanted to replace its inflexible legacy Enterprise Resource Planning (ERP) system. Its existing product lifecycle management (PLM) system was also obsolete and rarely used. However, during their research, JAJ Group’s executives recognized the strengths and value of PLM technology. They ultimately decided to postpone the adoption of a new ERP and to invest first in a PLM solution.

“We prioritized PLM because of our outdated way of working, using spreadsheets and manual sketches,” says Sophie Azzoug, Schott NYC’s Product Director. “We produce in small quantities in small factories. Our designs require excellent product expertise. We wanted to increase our efficiency and needed a solution that could adapt to these specific requirements. We also needed to accelerate our digitalization efforts with the launch of our new e-commerce site and optimize how we integrate with the platforms used by our customers, who include La Redoute, Zalando, Galeries Lafayette and Printemps. These partnerships involve entering accurate product data into various matrices within tight deadlines.”

JAJ Group also wanted to simplify, speed up and streamline the supply and entry of CSR data required by AGEC, France’s anti-waste legislation. “We were constantly re-entering the same information across multiple platforms and tools. With Centric PLM, all systems are connected, and data is stored in one place and can be easily extracted,” adds Azzoug. “From this single source of truth, we’ll be able to harmonize our working practices, increase the efficiency of our planning process and improve product data quality. This will also enable us to process more data, in bulk, very quickly.”

JAJ Group chose Centric Software for its proven experience in the fashion industry, backed by positive feedback from other customers. “Some of our employees had previously used Centric PLM, which made our choice even easier,” explains Azzoug. JAJ Group successfully deployed Centric PLM within scope and on budget. The Centric team provided support throughout the project, with more hands-on involvement during the critical final implementation stages.

“Now everyone on our team has access to the same information simultaneously, eliminating quality issues and saving us time. The platform keeps everyone updated on the progress of other users, and we’ve already started developing our Schott NYC 2026 collection using Centric PLM,” says Azzoug. “Looking ahead, we plan to link Centric PLM to our future ERP system and the Fairly Made® traceability platform, improving our ability to track and measure the social and environmental impact of our products.”

“We are thrilled to be supporting JAJ Group in its digital transformation journey,” says Fabrice Canonge, President of Centric Software. “JAJ is a fast-growing group that was quick to recognize Centric PLM’s unique strengths. This implementation showcases how Centric Software effectively addresses each brand’s specific needs, simplifies their complex operations and helps them leverage their expertise to full advantage.”

### *Schwartauer Werke Chooses OpenText to Navigate Today’s Complex Supply Chains and Enable Future Growth*

15 May 2025

OpenText™ announced that Schwartauer Werke, a leading German food supplier with over 1,000 employees, has chosen OpenText™ B2B Integration Essentials to modernize its electronic data interchange (EDI) processes and strategically position itself for future growth in an increasingly complex supply chain environment.

Schwartauer Werke, a pioneer in the food manufacturing and food retail supply industries for more than 135 years, faced an urgent challenge when its previous EDI vendor was acquired and subsequently abruptly terminated services. Recognizing the critical role of a robust and agile supply chain in maintaining its competitive edge, Schwartauer Werke took this opportunity to find a reputable and established provider and chose OpenText. In working together, OpenText will help Schwartauer Werke meet and exceed large buyer and vendor requirements and expectations for document exchange to help it keep pace with competition and continue its decades of growth.

Suppliers like Schwartauer Werke are facing severe headwinds from many directions, including evolving market demands that make cloud-based integration imperative; those integrations, in turn, enable streamlined supply chains and agile financial processes. That agility allows suppliers to adjust processes as needed and, ultimately, get products to customers, new markets and channels faster.

In partnering with OpenText, Schwartauer Werke now has the most innovative digital integration platform available, backed by decades of experience and leadership in the industry, enabling it to meet those evolving industry demands. OpenText B2B Integration Essentials allows customers to:

- **Ensure business continuity by partnering** with a financially robust global leader operating in 180 countries – including a regional headquarters in Germany – to ensure reliable service and a deep understanding of Schwartauer Werke’s local market needs.
- **Rapidly leverage pre-built integrations** to quickly establish digital B2B connectivity for both simple and complex business processes, minimizing downtime during critical transitions.
- **Scale operations efficiently by automating** business document exchange to handle increasing order volumes, freeing up staff to focus on higher-value activities.
- **Meet evolving industry demands** by adapting to intensifying buyer and vendor demands for EDI connectivity and minimizing inefficiencies.
- **Gain actionable insights by automating data processing** to enhance reporting and analysis, enabling the identification of purchasing patterns and high-volume items to optimize inventory management.

"Schwartauer Werke's decision to partner with OpenText underscores the importance of choosing a technology provider that can deliver both immediate value and long-term strategic advantage," said Savinay Berry, OpenText Executive Vice President and Chief Product Officer. "OpenText empowers companies like Schwartauer Werke to navigate the complexities of today's supply chain and enhance operations while strengthening a company's ability to compete and grow."

### *Siemens and TURN2X join forces to scale up green energy production*

19 May 2025

The technology company Siemens and Germany-based TURN2X announced a Global Partnership aimed at advancing the production of renewable natural gas through a comprehensive technological collaboration. This partnership responds to the market's growing recognition of renewable natural gas as a critical component in achieving a balanced and sustainable energy transition.

TURN2X specializes in producing climate-neutral methane by combining green hydrogen with CO<sub>2</sub> captured from bioethanol plants, to create a renewable alternative to conventional natural gas. By joining forces with Siemens' advanced technology portfolio, the collaboration aims to significantly scale up TURN2X's production capabilities while optimizing efficiency across the company's operations.

"The collaboration with TURN2X is an example of how Siemens technologies can accelerate innovative solutions for clean energy," said Axel Lorenz, CEO of Process Automation at Siemens. "We're making an important contribution to the energy transition by helping advance promising concepts to the industrial level with our expertise and our portfolio in automation and digitalization."

Dr. Dominik Schollenberger, CTO at TURN2X, said: "As a growing company in the renewable natural gas sector, our greatest challenge is scaling production while maintaining operational excellence. Siemens' technology enables us to operate our plants remotely with unprecedented efficiency, which is crucial for our business model of securing long-term profitability from day one. This partnership gives us the technological foundation to rapidly expand our production capacity and meet the increasing market demand."

Under the agreement, Siemens will become the preferred supplier and technology partner for TURN2X and provide a comprehensive suite of solutions from its Siemens Xcelerator portfolio. The partnership will focus on three key technological areas: First, process optimization using advanced automation systems and instrumentation specifically tailored for TURN2X's unique green methane production process. Second, operational excellence thanks to digital twin technology and energy management solutions that enable sophisticated remote plant operation with maximum efficiency. Third, future-readiness resulting from enhanced cybersecurity and standardized solution development that will accelerate the deployment of new facilities. This integrated approach will enable TURN2X to rapidly expand its production capacity while maintaining the highest standards of reliability.

By enabling more efficient and scalable renewable natural gas production, the Siemens-TURN2X partnership will directly contribute to expanding the availability of green energy alternatives on the market.

### *SMC Germany Strengthens Global Collaboration with Aras Innovator*

20 May 2025

Aras, a leader in product lifecycle management (PLM) and digital thread solutions, announced that SMC Germany, a leading manufacturer of pneumatic and electrical automation technology, has selected Aras Innovator®. The low-code flexibility of Aras Innovator enabled efficient integration with SMC Germany's existing application landscape.

SMC Germany is strengthening its global collaboration with the implementation of Aras Innovator. The company established an independent solution based on the same Aras Innovator platform already in use by SMC locations in Japan and the United States. This alignment is expected to support closer integration between development and production sites worldwide.

The project was delivered in cooperation with Aras, its sister company XPLM Solution GmbH, and Bertrandt Systems & Consulting GmbH. XPLM managed the data migration and developed the CAD connector for SolidWorks, ensuring business continuity and system compatibility. Bertrandt supported the introduction of PLM processes at SMC Germany and implemented them in Aras Innovator.

“Aras offers a high degree of flexibility and easily customizable configuration options – a decisive factor for the success of the implementation,” explains Stefan Jaenicke, IT project manager at SMC Germany. “For example, we were able to develop our own connectors for our ERP system and adapt the system precisely to our specific requirements. This flexibility was particularly important because, as one of three SMC development centers worldwide, we work very closely with German industry.”

“We’re proud to support SMC Germany in achieving its corporate goals,” explains Andreas Grave, Director Regional Sales Central Europe at Aras. “This implementation demonstrates how Aras Innovator meets even complex requirements and enables tailored solutions.”

The project was implemented in multiple phases. Following an initial evaluation using the Aras community edition, SMC Germany transitioned to an Aras subscription in mid-2024 to take full advantage of the platform’s capabilities. The initial focus was on migrating core PLM functionalities to ensure a seamless switchover. Additional phases, including the automation of bill of materials (BOM) processing, are now underway. A key upcoming milestone is the expansion of the in-house-developed ERP connector, which already enables high-level product data processing.

### *Tegel Goes Live with Centric PLM to Boost Product Development Efficiency*

22 May 2025

Centric Software®, the Product Lifecycle Management (PLM) market leader, is excited to announce that Tegel, New Zealand’s leading poultry integrator, has successfully implemented Centric PLM™. Centric Software provides the most innovative enterprise solutions to plan, formulate, develop, procure, manufacture and sell consumer goods products in food & beverage, grocery, fashion and multi-category retail to achieve strategic and operational digital transformation goals.

Founded in 1961, Tegel is New Zealand’s largest poultry producer, involved in breeding, hatching, processing, marketing and distributing poultry products across New Zealand and select international markets. The company’s portfolio includes a wide range of products, from frozen nuggets to fresh chicken, all produced in accordance with New Zealand’s high animal welfare standards.

Yvonne Van Nes, Chief Strategy and Commercial Officer at Tegel explains the need for a modern, end-to-end PLM solution. “It’s part of our strategic plan to replace our legacy system with a single source of the truth that would boost overall organizational efficiency and reduce time spent on non-value tasks in product development.”

After a thorough evaluation, Tegel selected Centric PLM for its ability to manage their product development lifecycle, from recipe management and packaging to compliance.

“Centric PLM is the best solution for Tegel because it already has functions built for the food and beverage industry. The system’s flexibility, combined with the expertise of Centric Software’s regional team, gave us the confidence to transform our product development process,” explains Jayne Glasson, Head of Research & Development.

With Centric PLM, Tegel expects significant improvements in data security, collaboration and operational efficiency. Previously, reliance on spreadsheets and an outdated in-house system made version control and information sharing difficult. Now, product development activities are centralized in Centric PLM, eliminating redundant data entry and ensuring a single source of truth for teams across product development, packaging and production.

Tegel is already benefiting from Centric Software’s robust project management, ensuring the system was configured to fit its business needs. “The Centric Software team took the time to understand our unique requirements within the food industry, which enabled them to provide the best configuration for our processes. Their flexibility, responsiveness and commitment to solving challenges, along with their professionalism, were key to the successful implementation. We’re confident that Centric PLM will support our ongoing growth,” says Jayne Glasson.

“We are thrilled that Tegel has successfully gone live with Centric PLM,” says Fabrice Canonge, President of Centric Software. “Tegel is a pioneer in the poultry industry, and we look forward to continuing our partnership to support their growth and success.”

### *Zachry Construction Corporation Taps Planera to Optimize Resource Scheduling*

21 May 2025

Planera, the leader in visual CPM-based construction scheduling, today announced that Zachry Construction Corporation has selected Planera to optimize its construction resources across multiple projects.

Based in San Antonio, TX, Zachry is a privately owned construction company with more than 100 years of operating experience. Zachry focuses on the construction of large, technically unique projects around the world and specializes in heavy civil construction, transportation, utilities, and infrastructure projects. Currently ranked #222 in the ENR 400, Zachry generated \$500M in annual revenue in 2024.

Zachry actively incorporates new technologies to improve construction efficiency. Adopting Planera is a move that is consistent with the company’s drive for continuous improvement. “With Planera, we’re now managing resources across 25 different projects simultaneously,” said Ranjeet Gadhoke, vice president - project controls at Zachry Construction. “We’ve

modernized an old-school process and can now use resources from crews to cranes much more efficiently. Planera allows us to do this so effectively that we're even able to tie employee bonuses to managing our resources well."

Zachry has a construction portfolio of over 5,500 building and construction projects globally, and the growth potential for Planera within the Zachry ecosystem is significant. High profile projects have included the extension of the famous San Antonio Riverwalk, the construction of the San Antonio airport, and the development of the Golden Pass LNG terminal.

"With Planera, Zachry can now make the most of both equipment and teams by maximizing utilization," said Nitin Bhandari, CEO of Planera. "In an industry that is characterized by thin margins, Planera is helping Zachry to boost firm-wide profitability, and we're excited to be able to have such a significant impact on our partner's business."

## Product News

### *Browzwear: What's New in 2025.1.3: Faster Workflows and Smarter Product Development*

20 May 2025

The latest VStitcher 2025.1.3 release delivers key updates designed to help fashion brands and product development teams work faster, reduce errors, and improve collaboration.

While it's a minor release, the improvements add value across design, development, and production. Here's an overview of what's new and how it helps your team.

#### **Keep Color Information Accurate and Consistent**

Previously, when importing Adobe Illustrator (AI) vector artworks, color names weren't automatically preserved in VStitcher, requiring manual renaming to ensure production accuracy.

With this update, color names from AI files are now automatically retained.

#### **Value for your team:**

- Save time by eliminating manual color corrections
- Maintain consistency across designs and tech packs
- Improve accuracy and speed in color communication

This ensures a faster design-to-production process for apparel designers and technical teams.

#### **Enhanced Tech Pack Clarity**

Tech packs are essential for clear communication between design and production teams, but before this update, style and material names could appear truncated, and repeated print images were sometimes unclear.

The improved tech pack layout now clearly displays style names and material details and allows you to exclude repeated print thumbnails.

**Value for your team:**

- Simplify tech pack creation
- Reduce errors and back-and-forth corrections
- Improve production readiness with more precise, more detailed documentation

These updates help ensure your tech packs communicate exactly what's needed, saving time and minimizing costly mistakes.

**Easier Folder Navigation When Sharing to Stylezone**

Before, sharing designs to Stylezone sometimes required extra steps to confirm the correct destination folder. The new update now displays the whole folder hierarchy and path, making it easy to share assets confidently.

**Value for your team:**

- Avoid misplacing files
- Save time by reducing the need for re-uploads or corrections
- Strengthen collaboration by keeping shared assets organized

**More Control Over Layering and Thickness**

The latest improvements give designers and developers better control over garment layers' application, especially for detailed areas like straps or trims.

By introducing an intuitive brush tool and refining how thickness is applied, teams can achieve more precise and reliable results without disrupting existing designs.

**Value for your team:**

- Work more confidently on complex designs
- Avoid unexpected simulation issues
- Deliver cleaner, more accurate garment details

**Improved Soft Avatar Fit Simulation**

For brands focusing on garment fit, the new update improves how soft avatars react under simulation by removing unnecessary gravity effects.

This delivers clearer, more realistic fit results and helps better replicate physical fitting conditions.

**Value for your team:**

- Achieve more accurate fit validation
- Improve confidence in digital-to-physical outcomes

- Streamline the fit approval process

### How Browzwear 2025.1.3 Elevates Your Workflow

With 2025.1.3, fashion brands and product development teams gain meaningful improvements that increase efficiency, reduce manual work, and improve accuracy across the design process.

These updates, from faster tech pack creation to better color management and fit simulation, help teams bring better products to market faster, minimizing waste and reducing errors.

### *CADMATIC: New software release 2025H1*

19 May 2025

The latest version of Cadmatic software (2025H1)) is absolutely packed with exciting new features. We've made designers' lives easier and elevated the user experience to a whole new level!

### Top Picks – what we are most excited about in 2025H1!

#### Outfitting/3D Plant Design

- **Faster, easier duct routing:** The duct routing interface now mirrors the look and feel of pipe routing, making it easier to learn and quicker to use. It's a more intuitive experience from the start.
- **STEP hierarchy support – both ways:** STEP file workflows just got more powerful. You can now import STEP files with hierarchy intact – and open the original file from the property pane for context. Exporting to STEP is also possible, including scheduled exports, streamlining collaboration across tools and teams.
- **Expanded CAD format support for easier collaboration:** The Cadmatic Simplifier now supports a wide range of new 3D formats – including SAT, Parasolid, CATIA V5, SolidWorks, Inventor, and Solid Edge. That means it's easier than ever to import models from equipment manufacturers or subcontractors directly into Cadmatic, without extra conversions or delays. Co-design just got a lot more seamless.
- **Automatic dimensions in 3D documents:** Dimensioning just got a major upgrade. With automatic dimensioning now available, you can generate equipment layout and piping installation documents in seconds – saving hours of manual work. The setup is simple, and fine-tuning is fast with visualized measurement points and stretch commands. This is only the beginning: based on customer feedback, we're expanding to more document types and dimension styles in upcoming releases.
- **Smarter cable routing interface:** Navigate cable routing with ease. The new cable list view offers improved search, clearer cable quantity info, and handy filters – all dockable to your main window or second screen. Frequently used commands are now just a right-click away, while the classic Cable Router window remains available for those who prefer it.

#### P&ID

- **Smarter piping with the new list editor:** Creating and managing line data just got easier. The new editor for systems and lines lets you generate position IDs, import from Excel, and dynamically manage “from-to” data based on your published P&IDs. A built-in topology check ensures continuity across your pipeline, helping you catch issues before they cause trouble.
- **Intelligent NS propagation and automatic reducers:** NS data now flows more intuitively through your design. You can easily track where automatic size changes apply, and reducers are turned automatically – saving you time and reducing manual tweaks.

## Hull

- **Improved handling of split plates:** Previously beta, now officially part of the release! The enhanced method for handling complex plates – introduced in the 2024T3 beta as Jumbo Panels – is now fully included in 2025H1. Plates split by soft seams, holes, or splitters are treated so that each plate part has its own logistical record, including individual thickness and material type. This simplifies the design of large structures with varying properties and saves time in both modeling and production planning.
- **PDF instructions from WBD stages:** Visualize your build like never before. With the new Generate PDF feature in Hull Viewer, you can automatically create PDF documents showing the building stages by WBD blocks – complete with images. It’s an easy way to produce clear, realistic instructions that support better communication and smoother assembly.
- **AI-generated bracket files:** Use text input to predefine complex geometries with Cadmatic AI. You can now create, edit, and interpret bracket type files using simple text prompts. It’s a faster, smarter way to define project norms – reducing manual work and improving detailing efficiency..

## Information Management

- **4D Sequencing in eShare:** Step through time and track progress like never before. The new 4D Sequencing feature lets you visualize project evolution directly in eShare’s 3D view, using status data or external sources. It’s a powerful way to understand what’s happening – and when – in your project.
- **Presentation Mode (beta):** Show your models in the best possible light. Presentation Mode brings live-rendered ray tracing to eShare, delivering stunning visual quality for reviews, presentations, or design validation. It’s an impressive new way to explore your models.
- **eGo now speaks your language:** The eGo app now supports localized user interfaces in Japanese, Korean, and Simplified Chinese – making it easier than ever for global teams to access project data in their native language.

## Electrical

- **Faster local database with SQLite:** The new support for SQLite as a local database format brings a significant performance boost compared to Microsoft Access. It eliminates the risk of unexpected updates, ensuring smoother workflows and faster file operations.
- **Smarter network tracing and single-line automation:** New features in electrical network handling allow you to view group/feeder numbers and distribution board IDs for all connected devices, cables, and distribution boards. Even better – you can now automatically generate single-line diagrams from a designed electrical network in an arrangement drawing.

### Draw

- Smarter and smoother Draw experience: CADMATIC Draw is now faster and easier to use. You can customize the quick access toolbar for instant access to your most-used tools, while IFC models load more efficiently thanks to major performance gains – using up to 50% less memory.

## *Chaos Launches Envision to Help Architects Create Immersive Presentations*

20 May 2025

Chaos releases Chaos Envision, a new real-time storytelling tool that helps architects and designers turn 3D models into immersive, cinematic presentations in minutes. With Envision, they can effortlessly explore and handle complex scenes—including CAD files—and assemble them into striking animated projects that can tell emotionally compelling visual stories, all within a streamlined, efficient workflow.

“Envision offers new alternatives for architects that have had to find workarounds to avoid compromising on quality, speed and flexibility in their presentations,” said Petr Mitev, vice president of solutions for designers at Chaos. “Now, anyone can produce high-fidelity visuals much earlier in the process, tapping V-Ray-like photorealism to resolve internal questions and get more stakeholders on board.”

### No Bottlenecks

Envision makes it easy to bring multiple 3D components into a collaborative environment to create scenes that are packed with key building, site and material information. Envision accepts content from any application that hosts Enscape or V-Ray and can import common industry formats, so users don't have to worry about scene prep or data loss. All lighting, materials and assets from their original CAD or Enscape design will carry over as-is, so designers can start experimenting right away.

Whether it's tweaking objects, animating crowds or adding entourage with Chaos Cosmos, designers can craft visualizations that showcase the true promise of any building or environment. Envision keeps visualization decisions intact through the iterative process, removing the need to restart as designs evolve.

Each visualization will also be rendered with ray-traced realism, giving designers access to real-time and offline accuracy, even when polygon counts run into the trillions. With physically accurate lighting, reflections, shadows and global illumination always on tap, designers can ensure high-fidelity visuals throughout the design and presentation process.

“I was fortunate to be one of the first to try Chaos Envision and found it extremely user-friendly and easy to learn,” said David Tomic, an award-winning architect and AEC influencer. “What stands out to me is being able to import different rendering software files into Envision and edit them there without having to go back to the original programs, all without any lag.”

### Easy Animation

Envision offers architects and designers the easiest path to creating cinematic animations on the market. Through a direct integration with the Chaos Anima engine, users can now drag-and-drop hyperrealistic 4D people and crowds with AI-enhanced behavior into scenes, and then direct their movement by assigning them a path. Paths can also be applied to other objects and cameras for more cinematic looks.

In addition, Envision supports variation-based animation to help designers depict sun studies, construction phasing or even cycle through design options. With these features, most visualization teams can start animating in minutes.

### Introducing Chaos Suites

For years, Chaos has been building a unique, comprehensive ecosystem that targets every stage of the architectural design and visualization process. To make it easier for users to select the right tools and ensure faster, more efficient workflows, it has created a set of curated suites designed to solve real workflow challenges in architectural design, architectural visualization, and media and entertainment.

Products in each industry-specific suite are designed to work together, connecting workflows and ensuring smooth transitions between design and visualization phases. Along with the simplicity of having exactly the tools a user needs, the suites offer a more cost-effective option. Rather than purchasing and managing multiple licenses, individuals and teams can simply select the suite that is right for them.

Each industry-specific toolkit offers three options: Solo, Premium and Collection based on one of the flagship products—Enscape, the Emmy and Academy Award-winning V-Ray or Corona. Each suite is designed to scale with the customer's needs, and fit into a diverse set of project types.

**Architectural Design suites** give individuals and teams the ability to create innovative, compelling projects faster with less expense. Users can start with the Enscape Solo option, leveraging all the features available within the industry-leading tool, or they can upgrade to the Enscape Premium suite, which includes the AI-powered Veras for faster ideation, design interactions and enhanced image details. If they need to scale, or their projects require additional realistic touches, they can select the Enscape Collection, which includes everything from the Premium suite, along with Chaos Envision and Enscape Impact, giving users real-time feedback, high-quality visualization and data-driven insights.

**Archviz suites** offer visualization specialists working on high-end marketing and presentation materials the ability to create visually striking and emotionally engaging stories. The Solo suite features V-Ray or Corona, along with the complete Chaos Cosmos asset library, while the Premium version adds the Chaos Phoenix dynamic simulator, the Chaos Player and 20 Chaos Cloud credits. The Collection includes everything from the Premium suite, as well as Chaos' real-time ray tracer Chaos Vantage and the crowd/people animation system Chaos Anima.

**Media & Entertainment suites** offer creators and production artists a powerful, flexible toolset that can handle every stage of the creative process in modern production pipelines. The suites are built around V-Ray and include Vantage, Anima, Phoenix, Player and 20 Chaos Cloud credits—everything artists need to bring any idea to life.

### *Cyncly expands Winner portfolio with exclusive distribution of Wipoz and MSA installation planning solutions*

20 May 2025

Cyncly, the leading global provider of software and content solutions that help make amazing spaces for living, announced it is strengthening its end-to-end offering for kitchen retailers and designers by expanding its Winner product portfolio with installation planning and documentation tools Wipoz and MSA. Through an agreement with RMTSoft, Cyncly now offers Winner Bizz, Winner Design and Winner Flex customers across EMEA a comprehensive solution that supports the full consumer journey—from initial inspiration to final installation. This marks a significant step in enabling a more streamlined and profitable design-to-delivery process for retailers and professionals.

Winner is Cyncly's all-in-one kitchen design and sales solution, built to help retailers and designers exceed consumer expectations. With Winner, professionals can inspire buyers, create detailed designs, configure accurate quotes, and manage manufacturing and delivery with precision. Now, with the addition of Wipoz and MSA, Winner users can close the loop with powerful tools for planning and documenting kitchen installations—ensuring projects are completed with the same professionalism and accuracy with which they began.

“Our customers want to deliver exceptional service while staying competitive and profitable,” said Wynn Grubbs, General Manager, Kitchen, Bathroom and Furniture Retail Solutions at Cyncly. “Adding Wipoz and MSA to the Winner ecosystem helps our customers offer a seamless experience—from initial design all the way through to installation—enabling them to close projects faster and with greater accuracy.”

Wipoz and MSA are professional tools that support the planning and documentation of kitchen installations. Designed by RMTSoft GmbH & Co. KG, these solutions help optimize installation preparation, avoid costly mistakes, and enhance communication between designers, installers and consumers. WIPOZ, currently available in the French market, allows installers and designers to create clear and comprehensive installation documents in just a few clicks, while MSA provides the same capability for the broader EMEA region. These solutions reduce costly errors, cut installation times, and improve customer satisfaction by ensuring that what's been sold and designed is installed exactly as envisioned.

“Our mission with Wipoz and MSA has always been to simplify the complexity of installation planning while helping professionals deliver top-tier service,” said Dirk Fitzke, Managing Director, RMTSoft. “We’re excited to partner with Cyncly to bring our solutions to a wider audience. Cyncly’s commitment to innovation and customer success makes them the ideal partner to scale our impact.”

This Wipoz and MSA modules will be available directly through Cyncly as an optional extension to Winner Bizz, Winner Design, and Winner Flex, enabling retailers to unlock new levels of efficiency, accuracy, and end-to-end service for every kitchen project.

### *Cyncly launches Blueprint.AI, the fastest way to accurately estimate commercial flooring projects*

20 May 2025

Cyncly, the leading global provider of software and content solutions that help make amazing spaces for living, announced from the Cyncly Connect Flooring event the general availability of Blueprint.AI, a groundbreaking enhancement to its Measure Premier software for flooring professionals. Blueprint.AI revolutionizes commercial flooring estimation by automating the take-off process from raw blueprint to ready-to-bid in just 80 seconds, enabling users to bid on commercial projects with unprecedented speed, efficiency and confidence.

Measure Premier is the industry’s leading solution for floor covering measurement, visualization, and estimating, trusted by thousands worldwide to streamline operations and create professional bids. Blueprint.AI enhances these capabilities with AI-powered technology that instantly converts complex architectural drawings into floor plans within Measure Premier, delivering at least 98% accuracy on even complex layouts. Users can simply upload a PDF blueprint, and Blueprint.AI automatically maps the room boundaries, calculates surface areas, and prepares material estimates—all within the familiar Measure Premier interface. By automatically extracting room outlines from digital blueprints, BluePrint.AI users can eliminate tedious tracing work, reduce errors, and take on more commercial jobs without expanding their staff.

“Blueprint.AI is a breakthrough that addresses one of the biggest pain points in commercial flooring estimation,” said Mark Lukianchuk, General Manager of Cyncly Flooring solutions. “By accelerating takeoffs, we’re removing significant friction from the workflow. This allows our customers to process more bids faster, improve their accuracy, and ultimately grow their commercial business without the traditional overhead costs. It’s a great example of how Cyncly’s leading investments in software are delivering real value for the industry.”

This launch builds on Cyncly’s growing portfolio of AI innovations for the flooring industry, which includes the Measure Mobile app with LiDAR-powered room scanning capabilities, recognized as the Most Innovative Technology at Surfaces 2025. Cyncly is committed to bringing the power of AI to flooring dealers and commercial contractors as part of its strategy to streamline every aspect of the flooring industry.

## *Emerson's 'Project Beyond' to Modernize and Seamlessly Integrate the Industrial Automation Technology Stack*

20 May 2025

Global industrial technology leader Emerson is pioneering a new software-defined enterprise operations platform – dubbed Project Beyond – that will fundamentally change today's approach to industrial automation.

Emerson's Project Beyond will deliver the industry's first software-defined, OT-ready digital platform that seamlessly integrates and optimizes industrial operations. Leveraging innovations in software-defined control, data management, zero-trust cybersecurity and artificial intelligence, Emerson's new platform will help automation investments deliver value without adding complexity.

The speed of technology and industrial artificial intelligence (AI) advancements, combined with increased computing power needs and the unprecedented volume and complexity of siloed data generated across industrial assets, requires a new, cost-efficient way for companies to leverage automation across the enterprise while protecting existing investments.

Emerson's Project Beyond will tackle this challenge by creating a flexible, scalable and secure platform that connects today's existing automation installed base with modern technologies to empower continuous, enterprise-wide visibility, optimization and, eventually, autonomous operations. Project Beyond will also provide a consistent platform to deploy and manage new AI applications and models, along with contextualized data, to unlock unimagined flexibility, safety, sustainability and performance for essential industries such as energy, power, life sciences, chemical and mining.

*"Companies are eager to modernize automation and keep pace with the promise of new technologies like AI without ripping and replacing their existing infrastructure or dealing with the pain and costs of integrating new applications and millions of fragmented data points," said Ram Krishnan, chief operating officer at Emerson. "Project Beyond will use the power of software-defined control to introduce an entirely new, scalable, seamlessly integrated infrastructure with automated data contextualization to turn trapped data into powerful operational efficiencies."*

Evolved from its industry-leading DeltaV™ distributed control system, AspenTech's leading software portfolio and Boundless Automation<sup>SM</sup> vision, Emerson's new connected industrial technology platform will reduce the costly and complex technology integration required to move data across different operational technology (OT) systems and applications, helping customers deploy and scale new capabilities faster.

*"By combining Emerson's automation capabilities with AspenTech's deep software expertise – from modeling and optimization to machine learning and AI – we're embedding artificial intelligence into our systems, turning information into insights that will help our customers along their journey toward optimized autonomous operations," Krishnan said.*

The building blocks of Project Beyond include:

- Modern Computing Environments: Project Beyond will unify the latest in on-premise edge computing with the power of the cloud to deliver unparalleled data analytics.
- Networking & Connectivity: Secure connectors, APIs and software interfaces that allow connectivity of existing OT systems, devices and legacy I/O to the platform as well as the ability to connect the platform to IT environments.
- DataOps: A powerful data fabric weaving together all OT assets, from devices to entire systems, turning contextualized data and codified knowledge into digital intelligence around operations.
- App Marketplace: A catalogue of state-of-the-art applications, curated for an organization's unique needs, collected in a single marketplace for easy access and deployment.
- AI Orchestration: An orchestration engine that will manage the deployment and lifecycle of AI agents enabling the future human/AI hybrid workforce.
- Zero-Trust Security Architecture: A security plane that secures every access, device, application, connection and data within the platform.

Designed as a data-centric platform, the enterprise operations platform enables a more flexible deployment of even more powerful mission-critical functionality, such as the new DeltaV IQ Controller. This software-defined controller will run on commercial, off-the-shelf servers, bringing increased scalability, flexibility, resiliency and extensibility to enterprise operations.

*“Emerson has never been content to incrementally improve on current offerings, especially today with the tremendous opportunities around industrial AI,” said Krishnan. “Project Beyond is designed to make it easier and more cost-effective to access the data you need to unleash new AI applications and future-proof your industrial automation investments.”*

## ***Emerson's Expanded AI Portfolio Paves the Way for More Optimized Autonomous Operations***

22 May 2025

Emerson, an industrial technology leader delivering advanced automation solutions, is empowering manufacturers across every industry to drive toward optimized autonomous operations with the most advanced industrial artificial intelligence (AI) and data solutions for online, mission-critical applications. Emerson's extensive AI portfolio – supported by its recent acquisition of the Aspen Technology business and built on decades of domain expertise – will help organizations implement AI solutions that deliver consistent, sustainable value.

AI tools have reached an inflection point as open AI frameworks and foundational models trained on vast amounts of data have become more robust and accessible. However, while today's companies see industrial AI as an essential tool to help automate workflows, eliminate complexity and increase agility, the unsecure and unreliable nature of public generative AI (GenAI) technologies is not suitable for high-availability, mission-critical industrial manufacturing.

Emerson tackles this challenge with an AI portfolio featuring local models with embedded knowledge and guidance grounded in first principles. These physics- and engineering-based models eliminate the potential for tools to generate the impossible, unrealistic and unsafe results that plague AI technologies that are not fit-for-purpose. Leveraging local, customizable, industry-specific models provides more interpretable, trustworthy results and eliminates the need to expose sensitive data to public cloud architectures.

*“Generic large language models are necessary for AI, but they are insufficient for a live, mission-critical industrial plant that cannot afford unreliable or unsafe results,” said Ram Krishnan, chief operating officer at Emerson. “Emerson’s solutions leverage industrial AI, built on decades of industry expertise and first principles constraints, to deliver correct, actionable guidance users can count on to make better operational and business decisions that will safely and rapidly drive competitive advantage.”*

Emerson’s AI tools provide users with powerful automated engineering workflows. Emerson’s AspenTech Optiplant® AI Equipment Layout leverages GenAI to quickly and easily provide multiple viable design options for greenfield and brownfield plants. Users provide their requirements to AI that rapidly presents multiple options to fulfill them, enabling engineers to more efficiently select layouts that are not only suitable for performance but also meet additional non-functional requirements such as buffer zones, safety and proximity, and more.

DeltaV™ Revamp uses AI to accelerate a low-risk transition of legacy control and safety system configuration to a modern DeltaV system, informed by data gathered from thousands of modernization projects across every industry. The AI tools in Emerson’s DeltaV Revamp analyze information learned from each control system update to further improve the core database for increased speed, accuracy and agility with each modernization.

AspenTech Strategic Planning for Sustainability Pathways™ leverages GenAI technology to navigate complex options and pathways to help companies more easily develop long-term strategies for decarbonization.

In addition, Aspen Virtual Advisor (AVA), an AI-driven advisor built into Emerson technologies, provides expert operational guidance to users across a wide range of experience levels as they navigate sophisticated tools used for design, planning, scheduling and automation of operations. Today, AVA leverages deep knowledge of Aspen PIMS™ planning software and Aspen DMC3™ adaptive process control software, allowing users to ask natural language questions to identify process bottlenecks or find ways to achieve specific goals.

Other virtual advisors, like those built into Emerson’s Ovation™ 4.0 Automation Platform and Guardian™ Digital Platform, provide the tools users need to visually translate and simplify complex issues to easily understand what is happening in their control system.

*“Emerson is the only company with the wide range of domain expertise, deep stores of first principles models, vast array of fit-for-purpose technology solutions, and history of industry-shaping innovation necessary to deliver industrial AI tools that modern manufacturers can trust in a mission-critical environment,” Krishnan said. “With Emerson’s expertise, data and*

*Boundless Automation vision, we are perfectly positioned to advance AI solutions that actually deliver on their promises.”*

At its Emerson Exchange 2025 conference on May 20 in San Antonio, the company announced Project Beyond, the industry’s first software-defined, OT-ready digital platform that will deploy and manage Emerson’s suite of new AI applications and models. Project Beyond combines industrial AI with contextualized data across a diverse set of automation environments – embedded, edge and cloud – to unlock unimagined flexibility, safety, sustainability and performance. Driven by increased software-defined capability and hardware-based AI accelerators, Emerson’s AI portfolio and Project Beyond enterprise operations platform will deliver the step change necessary to revolutionize the modern industrial automation technology stack.

## *IMSI Design Releases TurboCAD® 2025*

14 May 2025

IMSI® Design, a leader in CAD software solutions, is excited to announce the launch of TurboCAD® 2025, a transformative release that redefines precision, productivity, and creativity in computer-aided design. With over 70 new features and improvements, TurboCAD® 2025 equips professionals and designers with tools to tackle projects efficiently.

### Performance, User Interface & Usability

TurboCAD® 2025 introduces **Smartly Organized Workspaces**, organizing tools into dedicated environments tailored to specific tasks. Whether drafting technical drawings, modeling complex 3D designs, or creating architectural blueprints, TurboCAD®’s pre-configured workspaces ensure optimal tool availability, minimizing setup time and maximizing productivity.

The **Redesigned Start Page** offers workspace selection, professional templates, theme customization, and instant previews of recent files. The **Command Finder** enables quick tool searches and direct command execution, reducing navigation time while keeping essential functions accessible.

### AI-Powered Features

The optional **TurboCAD® Copilot Professional** plug-in introduces new AI-driven tools to enhance rendering workflows, provide deeper design insights, and facilitate part creation. The **Rendering Scene Analysis** tool delivers detailed scene insights, including inventories, material properties, light sources, and other critical data for photorealistic results. Enhanced reporting includes color marks, texture links, a dark theme, and raw HTML previews for optimized workflows. TurboCAD® 2025 introduces a **Part Creator** and **Part Editor** for parametric creation and non-destructive editing of mechanical components.

### Rendering and Visualization

TurboCAD® 2025 builds on its robust TurboLux™ Rendering engine with new features like adjustable **Ground Shadows**, precise **Tone Mapping** for scene brightness, and improved defaults optimized for architectural visualization.

## Architectural Tools: Curtain Walls

Architects can design complex building envelopes using the **Curtain Wall** tool, which supports grid-based facade design, nested divisions, material assignments, and compatibility with industry-standard formats.

## File Interoperability

TurboCAD® 2025 ensures reliable collaboration with enhanced file handling capabilities, including **ODA STEP Support, Teigha (ODA) 25.7 Update, and SketchUp 2024 Support.**

## Executive Insights

*“The release of TurboCAD® 2025 marks a pivotal step in enhancing the connection between designers, their tools, and their data,”* states Tim Olson, Vice President of IMSI® Design. *“With the newly introduced features in TurboCAD® Copilot Professional, we’re taking AI-driven design to the next level. From rendering scene analysis to advanced part creation tools, these innovations provide deeper insights and streamline workflows, empowering users to focus on creativity and innovation.”*

*“We are committed to addressing the evolving needs of our users,”* says Rita Buschmann, Vice President of Product Management, CAD and Home Design. *“The redesigned Start Page exemplifies this commitment, offering professional templates, customizable themes, and instant access to recent files. Combined with smartly organized workspaces and the Command Finder, TurboCAD® 2025 delivers faster, more intuitive workflows than ever before.”*

## Availability and Pricing

TurboCAD® 2025 is now available for purchase

TurboCAD® 2025 is available in four variants:

- **Platinum:** \$1,499.99 – The ultimate CAD solution for professionals demanding the best.
- **Professional:** \$999.99 – Precision, power, and productivity for advanced users.
- **Deluxe:** \$349.99 – A perfect blend of 2D simplicity and 3D capability.
- **Designer:** \$99.99 – Efficient and precise 2D drafting for beginners and hobbyists.

All variants are available as standalone licenses or through flexible subscription plans, including 1-year and 3-year options.

All purchases include a complimentary 1-year subscription to **TurboCAD® Copilot Help**, powered by Retrieval-Augmented Generation (RAG) technology, providing contextually relevant answers through trusted documentation, FAQs, video tutorials, and more.

For those seeking a more dynamic design experience, **TurboCAD® Copilot Professional** is available as an optional plug-in with a 1-year-subscription for \$199.99 and a 3-year-subscription for \$499.99.

Additionally, our **Training Guides, Add-ons** and **Symbols** are specially designed to complement and expand capabilities when working with TurboCAD® 2025.

## IPX & Cintoo Turn Laser Scans of Buildings to BIM for Operational Digital Twins

18 May 2025

Integrated Projects (IPX) and Cintoo introduced a joint workflow that turns any registered point cloud into fully modeled BIM and CAD files in just a few clicks. Built on IPX's **BIMIT** production engine and Cintoo's cloud-based scan platform, the service makes it simple—and predictable—for commercial and industrial real estate teams to order, track, and download accurate as-builts in BIM and CAD formats that empower renovations and prepare their portfolios for AI-driven digital-twin applications.

### Why This Matters

- **Get transparent pricing.** Square footage and scope drive an instant quote, so owners know cost and turnaround before they approve.
- **Get standardized building data.** Each model delivery meets **LOD 200+ / LOA 20** and includes Revit, per-floor DWGs, reflected-ceiling-plan DWGs for MEPF, and an IFC—creating a series of digital assets delivered in a secure browser-based experience for downstream analytics, automation, and predictive tools.
- **Save on the cost of as-builts.** Accurate models reduce change orders, shorten renovation schedules, and cut site visits.

### How It Works

1. **Upload the scan** – Register your laser scans in Cintoo exactly as you do today; no extra software or file transfers are required. Download your Cintoo scans in .e57 format.
2. **Order BIMIT** – Upload your .e57 file and click the “Create” button, pick the scopes you need (Architectural, Mechanical, Furniture & Equipment), and see an autogenerated price and delivery date within seconds.
3. **Track progress** – Once your order is completed, you'll see your order dashboard updates in real time in the IPX platform, showing production status and quality-assurance checkpoints. The platform currently delivers projects on schedule **95 percent** of the time.
4. **Download your files** – When the job is finished, you receive a secure link to Revit, DWG, and IFC packages ready for design tools, facility-management systems, or digital-twin platforms.

For reference, an 8,000 ft<sup>2</sup> retail space typically moves from scan to BIM in **5–7 business days**, and dozens of sites can be processed in parallel for large portfolio rollouts.

### Executive Perspectives

*“Our goal is simple: get every building online with verified as-built data you can trust,” said José Cruz Jr., Founder & CEO, Integrated Projects. “By linking Cintoo’s scan platform to BIMIT, we’ve removed weeks of back-and-forth. Customers click once, see a price, and get models they can*

*use in a seamless workflow—while laying the groundwork for AI and their organization's digital-twin workflows.”*

*“Cintoo users capture some of the most complex facilities in the world,” added **Dominique Pouliquen, Co-Founder & CEO, Cintoo.** “They’ve asked for a faster, scalable way to turn scans into BIM. Partnering with IPX delivers that speed without sacrificing accuracy, so our community can focus on insights instead of file prep.”*

#### Measurable Impact

- **95% on-time file delivery** across thousands of projects
- **Up to 70%** reduction in manual modeling hours versus traditional outsourcing
- **Portfolio proof:** Fortune 500 manufacturers have already processed multi-site programs through the new workflow, cutting weeks off engineering timelines while standardizing data for their maintenance AI.

#### Built for Commercial & Industrial Use Cases

- **Tenant fit-outs & capital projects** – Reliable as-builts minimize design surprises.
- **MRO & facility management** – Complete, consistent geometry speeds work-order planning.
- **ESG & energy upgrades** – Accurate areas and systems data feed simulation tools.
- **Digital twins & AI** – IFC + Revit provide the structured foundation algorithms need.

#### Availability

The BIMIT | Cintoo service is live today for all Cintoo customers. New users can start a free Cintoo trial and immediately access the “Order BIM” button.

### *SAP Reimagines How Enterprises Run With Business AI*

20 May 2025

At its annual SAP Sapphire conference, SAP SE unveiled innovations and partnerships that put the power of Business AI in every user’s hands, revolutionizing the way work gets done.

From a virtually omnipresent Joule assistant to an expanded network of Joule Agents that work across systems and lines of business, SAP heralds a new era that democratizes access to Business AI and can drive productivity gains of up to 30 percent.

“SAP combines the world’s most powerful suite of business applications with uniquely rich data and the latest AI innovations to create a flywheel of customer value,” said SAP CEO Christian Klein. “With the expansion of Joule, our partnerships with leading AI pioneers, and advancements in SAP Business Data Cloud, we’re delivering on the promise of Business AI as we drive digital transformations that help customers thrive in an increasingly unpredictable world.”

#### **AI that boosts productivity**

SAP's generative AI assistant Joule can be everywhere you work, delivering personalized answers on everything you need to be more productive.

Joule can accompany business users throughout their day, in and out of the SAP application universe, to find data, surface real-time insights and streamline workflows. Joule's new ubiquity includes an action bar powered by WalkMe that studies user behavior across applications, turning the assistant into an always-available, proactive AI that can anticipate users' needs before they arise — always adhering to SAP's strict ethical AI guidelines.

A collaboration with Perplexity, an AI-powered answer engine company, enhances Joule's ability to draw on structured and unstructured data to solve complex business problems. Powered by Perplexity and the SAP Knowledge Graph, Joule now instantly answers questions with structured, visual answers — such as charts and graphs — grounded in real-time business data within SAP workflows. For example, a user could ask the tool how recent external events might impact their business and get a forecast based on both current events and the company's own business data.

SAP also unveiled an expanded library of Joule Agents that reimagine business processes and workflows from the ground up. Fueled by the world's most powerful real-time business data and orchestrated by Joule, these AI agents work across systems and lines of business to anticipate, adapt and act autonomously so organizations can stay agile in a rapidly changing world. Partnering with industry leaders, SAP offers an ecosystem of interoperable agents that can execute end-to-end processes. The new agents span customer experience, supply chain management, spend management, finance, and human capital management.

Finally, SAP introduced an operating system for AI development that transforms how enterprises build, deploy and scale AI solutions. AI Foundation gives developers a single entry point for building, extending and running custom AI solutions at scale, making it the first real operating system for Business AI. A new prompt optimizer, designed collaboratively with the frontier AI lab Not Diamond, also helps developers create more effective AI prompts quickly, reducing work on complex use cases from days to minutes.

### **Data that drives smarter decisions**

SAP also introduced new intelligent applications in SAP Business Data Cloud, each built for a specific line of business. These applications can continuously learn, simulate outcomes and guide actions using business-critical data, detecting changes to optimize processes, anticipate needs, and collaborate with both human and artificial thinkers to drive meaningful impact. The People Intelligence application, for instance, optimizes team performance by transforming people and skills data into workforce insights and AI-driven recommendations.

Additionally, SAP and Palantir are partnering to facilitate joint customers' cloud migration journey and modernization programs. Seamless connectivity between Palantir and SAP Business Data Cloud will enable customers to build a harmonized data foundation across their enterprise landscape. Together the companies will responsibly deliver essential outcomes and support customers, including the U.S. government, to quickly adapt to changes and disruptions.

### **Applications that accelerate cloud adoption**

The company also announced SAP Business Suite packages, which are designed for customers to simplify the adoption of SAP cloud solutions that address their specific business challenges. SAP Build is embedded in these packages, so organizations can customize applications to meet their unique needs.

Finally, SAP unveiled a new solution that helps customers transition to the cloud faster. With Joule as the entry point and drawing on insights from SAP solutions including SAP Signavio and SAP LeanIX, the solution delivers personalized guidance and actionable recommendations tailored to an organization's transformation objectives and can help deliver up to 35 percent faster time to value.

### *Siemens democratizes AI-driven PCB design for small and medium electronics teams*

21 May 2025

Siemens Digital Industries Software announced that it is making its AI-enhanced electronic systems design technology more accessible to small and mid-sized businesses (SMB) with PADS™ Pro Essentials software and Xpedition™ Standard software.

Built on Siemens' Xpedition technology, these new offerings combine intuitive user experiences, integrated cloud collaboration and AI-driven automation to empower small teams and independent engineers with the same professional-grade capabilities trusted by the world's most advanced electronics companies, at a fraction of the cost.

"Today's launch marks a major milestone in our strategy to democratize access to high-performance PCB design and bring the transformative power of AI to the PCB design workflow," said AJ Incorvaia, senior vice president, Siemens EDA. "With PADS Pro Essentials and Xpedition Standard, we're delivering scalable solutions that help smaller teams move faster, work smarter, and design with confidence without sacrificing quality or budget."

PADS Pro Essentials delivers a streamlined, cloud-connected design environment built on Siemens' proven Xpedition technology at an entry-level price. Tailored for independent engineers and startups, it includes schematic capture, layout, and a seamless design experience that lowers barriers to professional-grade PCB design tools. The Essentials tier also introduces an integrated, co-branded front-end powered by CELUS, allowing engineers to design using intelligent functional blocks with AI-assisted schematic and BOM generation.

Xpedition Standard is built for growing teams that need a balance of cost-efficiency and advanced capabilities. It adds powerful features like design reuse, variant management, advanced routing automation, native 3D layout and deeper collaboration across mechanical, manufacturing and supply chain stakeholders. Teams can further extend capabilities using token-based options, which provide on-demand access to more advanced capabilities such as fully integrated pre- and post-layout signal integrity analysis powered by Siemens' Hyperlynx™ software for PCB analysis and rigid-flex design without requiring a full tier upgrade.

"We took a close look at Xpedition Standard and were genuinely impressed," said Shrouk El-Attar, founder, Shrouk El-Attar consultancy. "Siemens has clearly reimagined the experience.

It's intuitive, modern, and far more connected and integrated than we expected. From day one, it felt like a tool built for the way we actually work. I can get real design work done without fighting the software."

Part of the Siemens Xcelerator portfolio of industry software, both new offerings are part of the Xpedition family and are designed to grow with engineers, from individual users to global enterprises. The unified user experience, design libraries and cloud-based collaboration infrastructure provide a seamless upgrade path as team and project requirements evolve.

## *Simulations Plus Releases DILIsym® 11*

15 May 2025

Simulations Plus, Inc. ("Simulations Plus"), a leading provider of cheminformatics, biosimulation, simulation-enabled performance and intelligence solutions, and medical communications to the biopharma industry, announced the release of DILIsym® 11, the latest version of its flagship quantitative systems toxicology (QST) platform.

"Advancing toxicology research and improving the prediction of drug-induced liver injury (DILI) are essential to developing safer treatments," said Shawn O'Connor, Chief Executive Officer of Simulations Plus. "DILIsym continues to set the standard by enabling researchers to assess potential liver safety risks, as well as explore dosing strategies that optimize patient safety. We are proud to support innovation that directly impacts patient health and drug development success."

"The addition of pediatric representation is an important milestone in predictive toxicology," said Dr. Scott Q. Siler, Chief Scientific Officer of QSP Solutions of Simulations Plus. "By advancing the evaluation of potential liver safety risks in children, DILIsym 11 will support the development of safer and more effective therapies for children across the globe. We are proud of our role in developing leading-edge modeling tools that help bring better treatment options to vulnerable patient populations."

DILIsym is a software platform designed to predict potential DILI hazards and provide insight into the mechanisms responsible for observed DILI responses. It is the most widely used QST modeling software for DILI prediction and is utilized as a source of QST modeling-based data assessed by the U.S. Food and Drug Administration's (FDA) DILI team.

DILIsym 11 offers new pediatric representation for exploratory predictions regarding liver safety to children, and a new T-cell model that allows for better understanding of putative contributions of CD8+ T-cell mediated hepatocellular injury. It also includes improved representation of bile acid and cholestatic liver injury, updated antioxidant adaptation mechanisms, and more.

## *Tebis 4.1 Release 9: Tebis and ProLeiS MES are now fully Unicode-capable*

6 May 2025

Tebis announces the availability of Release 9 of its Tebis 4.1 CAD/CAM software at the Moulding Expo (May 6 to 9 in Stuttgart). The focus of the new version is internationalization: Tebis's CAD/CAM software solution and the ProLeiS MES solution are now fully Unicode-capable and can be seamlessly integrated. The new version also boasts even greater user-friendliness and stability.

### **Tebis and ProLeiS MES are fully Unicode-capable**

In a globalized world economy, companies and business units need to work more closely together across all cultural and international borders. MES systems play a key role in bridging the gap between production sites, suppliers and customers. Julian Odeh, Director of Tebis China since the start of the year, explains: "We see a high level of interest in manufacturing planning and control among many of our international customers, especially those focused on Asia. This stems from the desire to make the manufacturing process more transparent. The goal is to manufacture more efficiently and to shorten throughput time."

Data Bridge Market Research, a market research and consulting company, assumes that the market for MES systems will grow by an average of 12.05% annually over the forecasting period of 2022 to 2029. This would correspond to a market value of USD 39.67 billion for 2029. A very large share of these growth rates is anticipated to be in the Asia-Pacific region (source: <https://www.databridgemarketresearch.com/de/reports/global-manufacturing-execution-system-mes-market>).

With Tebis 4.1 Release 9, the Tebis CAD/CAM and ProLeiS MES software solutions are now fully Unicode-capable. This enables both systems to be used together on Japanese and Chinese operating systems, among others. Data can also be easily exchanged worldwide with no time-consuming adjustments

The new releases of the PDM Server with the Zoller interface and the FLD Server (Floating License Server) also support Unicode characters.

### **User-friendliness and stability**

In the new Release 9, Tebis has comprehensively optimized the software base and quality management: These processes are now more stable, robust and efficient than ever.

The new Tebis release is also even more user-friendly.

The special highlight: Tebis Help can now be quickly accessed as WebHelp in an Internet browser. If there is no Internet connection available, the help can still be accessed via the Tebis Help Browser.

Many small extensions also greatly simplify your daily work with Tebis: They make it very easy to restore user-defined views and to quickly and easily copy geometries between different Tebis sessions using the clipboard.

### **Technical extension in CAM – Turning: High-efficiency adaptive roughing**

Release 9 has a special application highlight among its technical features: Users can now use adaptive machining in turning without full-cut machining. Cavities can now be machined very cost-effectively with an adaptive path layout without full-cut machining. This ensures constant material contact, resulting in a shorter machine run time and longer tool life.

With Tebis 4.1 Release 9, Tebis and ProLeiS MES are now fully Unicode-capable. The PDM Server with the Zoller interface and the FLD Server (Floating License Server) also support Unicode characters in the new release.

A special highlight in Tebis 4.1 Release 9 is its improved utility. For example, Tebis Help can now be accessed easily and conveniently in the Internet browser.

Technical extension in CAM – Turning: High-efficiency adaptive roughing with Tebis 4.1 Release 9

## *Trimble Introduces Trimble Materials to Enable Construction Material Procurement and Management*

20 May 2025

Trimble<sup>®</sup> announced the launch of Trimble Materials, an end-to-end purchasing, inventory and accounts payable software solution. It is designed to help contractors gain control over material costs with enhanced budget and inventory tracking. Through its office and mobile applications, the solution connects the office, field teams, warehouse teams and suppliers to centralize and streamline the contractor's entire purchasing and materials management process.

"Managing numerous material orders from various suppliers amidst volatile pricing and availability presents significant challenges in the construction sector," stated Lawrence Smith, vice president and general manager of construction management solutions at Trimble. "Trimble Materials offers a cohesive solution by connecting material ordering, inventory and accounting, which is especially valuable in the face of potential changes in tariff policy. This digital streamlining empowers contractors to mitigate risks, control costs and gain a competitive edge in an evolving economic landscape."

### **Connected Construction Ecosystem**

Trimble Materials integrates with Trimble ERP solutions, including Viewpoint<sup>®</sup> Spectrum<sup>®</sup> and Viewpoint Vista<sup>™</sup> to provide connectivity for contractors to develop more efficient estimating, operations and accounting management ecosystems. Trimble Materials complements Trimble's existing construction supply chain workflows that automate the exchange of material pricing between suppliers and contractors and facilitate ordering from preferred suppliers.

With Trimble Materials, field users can easily search for and request materials, view inventory, record received materials and communicate with the office. Office users, such as project managers and purchasing teams, can more efficiently control, approve and process orders, view inventory, generate RFQs, compare quotes and reconcile invoices. A comprehensive view of these purchasing activities and spend analysis is created in one place.

### **Availability**

Trimble Materials will be showcased at the [CFMA National Conference](#), May 17-21, 2025. It will be available as part of the Trimble Construction One software suite for North American contractors.