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CIMdata News

CIMdata Publishes eBook: "The Strategic Importance of an Enterprise BOM"

22 January 2025

Today, CIMdata, Inc., the leading global PLM strategic management consulting and research firm, published a new eBook focused on Siemens Digital Industries Software's (Siemens) Enterprise Bill of Material (BOM) solution. The eBook describes manufacturers' need to manage better the many BOMs used throughout their extended enterprise and the benefits of an enterprise BOM approach. It also describes Siemens' enterprise BOM solution.

Developing, producing, and servicing today's complex products requires maintaining consistent integration of requirements, structures, and BOMs across multiple technological and functional domains. An enterprise BOM contains all the data, relationships, and product variant definitions needed to support the perspectives of multiple communities, such as product design, engineering, test and validation, manufacturing engineering, manufacturing operations, suppliers, and service.

Siemens has developed a comprehensive enterprise BOM solution that enables manufacturers to engineer, produce, and service complex configured products while effectively managing change and feeding their downstream business solutions (e.g., ERP, service, and supply chain).

According to Ken Amann, an Executive Consultant at CIMdata, "CIMdata believes that an enterprise BOM enables a systems engineering approach to comprehensive requirements management and automatically synchronizes configurations, change management, and validation. It delivers significant value, including faster time to market, improved product quality, reduction in warranty and support costs, and many others."

Please download and read the complete eBook at <https://www.cimdata.com/en/resources/complimentary-reports-research/white-papers>.

The Business Impact of Not Implementing PLM - a CIMdata Commentary

21 January 2025

Key Takeaways

- Companies without a modern, well-integrated PLM strategy and solution struggle to manage end-to-end product development efficiently in a timely manner.
- Companies that delay implementing PLM miss out on streamlining their product development processes and operational efficiency. This leads to widening gaps between their strategic vision and actual capabilities, higher operational costs, increased time-to-market and lower product quality and innovation.
- Company leadership without a PLM solution often experience delayed access and visibility to critical product development data for agile decision making to adapt business strategies.

- Using a PLM solution enables companies to manage complex product development, production, and service across multiple teams providing opportunities for improved efficiency and collaboration to achieve faster product development cycles, better decision making, and the innovation required to meet changing market and customer demands.

Challenges of Product Development without PLM

Companies without a modern PLM solution face significant productivity challenges. In the absence of a unified system, collaboration is inefficient, and data usage is fragmented. Workers rely on manual, error-prone processes, wasting time and money while diminishing product quality. Without an integrated PLM strategy, organizations miss the benefits of digitalization that streamlined PLM processes can deliver.[\[1\]](#)

Siloed Data and Configuration Management Issues

Companies that fail to implement modern PLM environments suffer from siloed data and poor configuration management. As companies grow without implementing PLM, departments and functional groups are often left to manage their own information independently. This fragmentation results in workers using disparate solutions, including file folders and project shared drives, individually created and maintained spreadsheets, and email-based collaboration, which wastes time, hampers coordination, and leads to poor configuration management practices. These inefficiencies raise the risk of costly defects and reduce cross-functional coordination.

Time Wasted On Non-Value-Added Tasks

Without a PLM solution, employees waste time searching for up-to-date information across multiple sources such as shared file folders and individual storage systems. This lack of centralized, real-time data access not only impacts productivity but affects an organization's decision making and ability to respond quickly to changes, whether it's customer requirements, internal engineering, or market dynamics.

Manual Processes and Data Entry

Failure to implement PLM-managed processes forces many tasks that should be automated, such as updating BOMs, tracking revisions, and managing approvals, to be done manually. This not only increases workload but also raises the risk of human error. Inconsistencies in BOMs across engineering, manufacturing, procurement, and service teams are common, complicating material planning and production. Without PLM integration with systems like ERP or MRP, manual data entry leads to delays, rework, and waste in manufacturing.

Unstructured Change Management

Companies without PLM must track design and manufacturing or supply chain changes in various disconnected systems. This is cumbersome and inefficient, forces many more meetings, is unproductive and often leads to process delays, poorer product quality, and unnecessary rework in design and production.

Limited Leadership Visibility

Companies without PLM lack real-time visibility and transparent reporting. PLM can provide access to automated, real-time dashboards that drive collaboration, information-sharing, decision-making, and outcome documentation.

Lack of a Digital Thread

All companies have end-to-end processes, but those without PLM are more inefficient because processes are disconnected from the data they need, not traceable, and unable to adapt to change. Without a digital thread—a seamless flow of data and decisions—organizations must rely on fragmented, labor-intensive workflows that drive up costs and hinder their ability to innovate, maintain quality, and adapt quickly. These inefficiencies impact profitability; product quality; and responsiveness to market shifts, customer needs, or regulatory demands.

Supplier Communication Gaps

Supplier collaboration is also hindered without PLM, as companies often struggle to share up-to-date design data, specifications, RFQs, and other product documentation throughout their value chain. Without access to the latest product data, suppliers may work from outdated or incomplete information. Data exchanges via email or FTP are challenging to maintain and sync with real-time changes, creating misalignment, inefficiencies and product defects.

Cost of Poor Quality

Without integrated PLM and quality management systems with a common data thread, managing compliance and quality becomes labor-intensive and error-prone, increasing the risk of costly defects. Lack of real-time visibility into quality issues drains resources, diverting teams from high-value tasks like product development. Persistent failures in compliance and quality can harm productivity, damage brand reputation, erode customer trust, and threaten revenue.

Inaction is Action

Delaying PLM implementation, often due to cost or disruption concerns, allows inefficiencies and missed opportunities to persist, widening the gap between strategy and capabilities. This inaction increases risks, stifles innovation, and leaves companies trailing competitors who have adopted PLM. Each delay makes alignment with long-term goals harder, driving up costs and harming competitiveness and customer satisfaction. What is often missing in companies that suffer from these issues and others is a well thought out PLM strategy. Specifically, there is a lack of understanding of enterprise-wide impact and value their organization will receive as the result of a well-planned PLM investment.

Building the Business Case for PLM

PLM delivers significant business value by managing products throughout their lifecycle, from concept to end-of-life. It digitalizes the product lifecycle, integrating processes and data across the enterprise to enhance efficiency, collaboration, and responsiveness. CIMdata highlights PLM as a foundation for aligning product data and processes with strategic goals, driving faster innovation, cost reductions, improved quality, and competitiveness.

Building a strong business case for PLM begins with identifying the key challenges it can address to bring tangible value to the organization. While many of these challenges are discussed above, it's crucial to establish a clear connection between PLM objectives and how PLM will support overarching business goals—such as improving product quality, reducing costs, decreasing time-to-market, and enhancing customer satisfaction.

These links are vital for persuading stakeholders of the return-on-investment (ROI) and strategic advantages PLM offers. CIMdata emphasizes aligning the PLM roadmap with organizational KPIs to ensure measurable business value. By tying PLM goals to KPIs, companies can track progress, justify investments, and secure cross-functional support, enabling focused, impactful, and adaptable implementations that maximize ROI.

Return on Investment

To justify the investment in PLM, businesses must demonstrate how its implementation will deliver measurable value. CIMdata advises developing a ROI model with realistic metrics and predictable costs to highlight the benefits of PLM.

Companies should start by addressing a few high-impact challenges. Using a proven PLM ROI framework, CIMdata has identified benefit ranges across hundreds of areas based on real-world data. The following are areas with the low and high range of the benefits that CIMdata sees achieved from its engagements with industrial companies:

- Finding information—75% to 90% reduction
- Increased productivity—10% to 20% increase
- Product development costs—25% to 40% reduction
- Engineering change process—10-70% reduction
- Design review process—50% to 80% reduction
- New part numbers—5 to 15% reduction
- Design errors—10 to 25% reduction
- Time-to-design—15% to 70% reduction

Success requires aligning PLM with people, processes, and technology. Prioritizing user needs and organizational culture ensures adoption and boosts productivity. Streamlining and redefining processes through PLM eliminates inefficiencies, enhances collaboration, and drives measurable business value.

Costs

Deploying a PLM solution requires careful consideration of all associated costs to ensure it delivers measurable benefits. These costs typically include licensing and infrastructure implementation and training, administration (e.g., adding users, adjusting roles), upgrades, data migration, and governance.

Data cleansing and migration, often underestimated, are critical investments. Poor-quality data undermines the benefits of PLM, such as seamless collaboration, traceability, informed decision-making, and the future use of AI. Addressing data quality upfront prevents bigger issues later.

Organizational Change Management (OCM) and robust data governance are also essential to managing the transition to PLM effectively and securing stakeholder buy-in.

Finally, as PLM evolves, businesses should plan for costs related to future upgrades, system expansion, and testing to maximize long-term value.

Considering Cloud PLM

Adopting a cloud-based PLM solution offers numerous advantages for businesses looking to streamline product lifecycle management. One key benefit is scalability: cloud-based PLM grows seamlessly with the business, eliminating the delays, costs, and complexities tied to procuring and deploying additional servers for on-premises solutions. It also lowers upfront costs by removing significant capital expenditures on hardware, IT maintenance, and system updates.

Another advantage is accessibility, as cloud PLM allows global teams to access product data and collaboration tools anytime, anywhere, fostering improved communication and coordination across distributed teams. Moreover, enhanced security features built into cloud solutions protect sensitive product data with robust encryption, multi-factor authentication, and compliance with industry standards, reducing the risk of data breaches and ensuring that businesses remain secure.

Additionally, faster deployment is often achievable with cloud-based solutions, enabling organizations to get up and running quickly and benefit from accelerated update cycles. Finally, automatic updates from cloud vendors ensure businesses always operate with the latest features and security measures, eliminating operational disruptions linked to manual upgrades. This level of efficiency and security is difficult for in-house IT teams to replicate. These benefits make cloud PLM a strategic enabler for modern businesses looking to enhance efficiency, collaboration, security, and agility.

Autodesk Fusion Manage: Modern Cloud-Delivered PLM

Fusion Manage is a cloud-based PLM solution that streamlines product development and enhances collaboration across the extended enterprise. Its flexible, scalable architecture adapts to business needs, while configurable templates optimize PLM processes. With an open API, Fusion Manage integrates seamlessly with ERP, CRM, and PDM systems, providing a connected PLM ecosystem.

The solution offers flexible deployment, allowing businesses to start small and scale as needed. Centralized configuration management ensures all stakeholders access real-time product data, eliminating silos, manual tasks, and redundant processes, boosting efficiency across the enterprise. Configurable dashboards enable real-time monitoring of key metrics, driving faster, data-driven decision-making.

Fusion Manage's robust change management capabilities provide traceability, root cause analysis, and KPI tracking, while supporting centralized management of items and BOMs with revision control. It also tracks product development, manages requirements, and accelerates new product introductions through standardized phase-gate templates.

With closed-loop quality management, Fusion Manage reduces defects by integrating non-conformance requests, RMAs, CAPA, FMEA, and SCAR processes, driving efficiency in change management, and lowering quality costs. The solution also facilitates seamless supplier collaboration, improving data exchange and PLM integration across the extended enterprise.

Conclusion

CIMdata believes that companies with a well-planned PLM strategy, roadmap, and integrated solution can better align product data, processes, and strategic business goals, driving increased business value. This alignment fosters digital transformation, enabling faster innovation, cost savings, improved product quality, reduced time-to-market, and greater competitiveness.

Companies that delay PLM implementation miss the opportunity to streamline product development and improve operational efficiency, leading to widening gaps between strategic vision and actual capabilities. This results in higher operational costs, longer time-to-market, reduced product quality, less innovation, and diminished competitiveness.

Fusion Manage is a cloud-based PLM solution that helps streamline product development, enhances stakeholder collaboration, and eliminates data silos through a scalable, configurable platform. With features like centralized product data management, structured BOMs, change management, quality management, supplier collaboration, idea management, and product portfolio tracking, Fusion Manage supports innovation and operational flexibility enabling companies to achieve significant business value. CIMdata recommends that companies wishing to deploy a flexible, open, cloud-based PLM that can grow as their business requires, consider Fusion Manage in their evaluation and selection process.

[\[1\]](#) Research for this paper was partially supported by Autodesk.

Acquisitions

Altium Acquires Part Analytics

21 January 2025

Altium, a global leader in electronics design systems, announced today that it has completed the acquisition of Milwaukee-based Part Analytics. Part Analytics provides the electronics industry's leading AI-powered supply chain management platform, which enables manufacturers to quickly make fully informed decisions for large-scale component planning and procurement, particularly at the enterprise level.

This acquisition will enable the introduction of a component and parts management application into Altium's highly efficient cloud-based collaboration platform, Altium 365, allowing us to support new groups of customers in supply chain and procurement, including Electronics Supply Chain and Category Managers, further uniting industry stakeholders. The acquisition

also achieves strategic synergy with Altium enterprise solutions, offering large-scale supply chain and procurement capabilities for enterprise companies, with a comprehensive parts catalog across entire programs, a critical element in achieving full Electronics Lifecycle Management.

“Altium’s acquisition of Part Analytics represents a further step forward toward our vision of a fully connected electronics value chain and Electronics Lifecycle Management system for enterprise organizations,” said Aram Mirkazemi, President of Altium. “Part Analytics will play an important role in our transformative pursuit of the electronics industry,” he added.

Part Analytics was founded by former GE HealthCare supply-chain leaders, who bring with them deep domain expertise in enterprise-level customers and their procurement requirements. Their robust procurement application was built specifically for electronics to make supply chains more cost efficient, resilient, and agile, enabling more effective supply chain management. Incorporating Part Analytics’ capabilities into Altium’s electronics creation ecosystem will strongly support Altium’s Enterprise-level solution by adding an advanced fulfillment function to our current sourcing capabilities.

Jithendra Palasagaram, Founder & Chief Executive Officer at Part Analytics, said, “By joining Altium, Part Analytics’ electronics supply management platform will become part of a vast, connected electronics creation ecosystem in which customers can more efficiently execute design, sourcing, component acquisition, and lifecycle management through a single platform. Customers can continue to expect the same great product experience and customer support from Part Analytics going forward as part of Altium.”

The acquisition of Part Analytics brings Altium another step forward towards its open electronics system design and lifecycle management platform.

ABB to acquire Sensorfact expanding its digital energy management offering

21 January 2025

ABB is acquiring Sensorfact BV, a fast-growing energy management company headquartered in Utrecht, Netherlands. The acquisition further expands ABB’s digital energy management offering and is expected to close in Q1 2025. Financial terms were not disclosed.

Established in 2017, Sensorfact offers a scalable software as a service (SaaS) solution that helps small and medium sized enterprises use AI in their operations and energy management to lower costs and increase efficiency. The company has more than 250 full-time employees in Utrecht, Amsterdam, Barcelona, and Berlin and serves more than 1,900 customers across Europe.

Massimiliano Cifalitti, President of ABB’s Smart Power division, said: “ABB and Sensorfact are on a mission to help companies improve their energy efficiency, reduce maintenance costs and boost production. ABB is expanding its portfolio of energy management solutions that use big data and AI to make electrical distribution and energy management both efficient and intelligent. This acquisition advances our digital strategy and provides an innovative way for

customers to digitalize their manufacturing operations – helping them to become leaner and cleaner.”

Sensorfact’s SaaS solution includes plug-and-play sensors that measure consumption on machine-level and connect to a smart software platform. The company uses algorithms to analyze the data, identify energy-saving opportunities and provide easy-to-implement advice that is unique to each customer’s operations.

Sensorfact CEO Pieter Broekema said: “Sensorfact provides a single smart factory platform that enables customers to easily collect utility and production data and to reduce costs and carbon emissions. We help customers achieve significant savings and continue to innovate to help customers further reduce their industrial waste. We are one of the market leaders in Europe, and together with ABB we will bring our solutions to new global markets, faster.”

The International Energy Agency (IEA) report, *Energy Efficiency: The Decade for Action*, states that the world must double energy efficiency progress in the next decade in order to minimize the environmental impact of growing global energy demand. The report highlights the importance of leveraging digital innovation to drive smarter energy management.

Cadence to Acquire Secure-IC, a Leader in Embedded Security IP

21 January 2025

Cadence announced it has entered into a definitive agreement to acquire Secure-IC, a leading embedded security IP platform provider. The addition of Secure-IC’s talent and highly complementary, proven portfolio of embedded security IP, security solutions, security evaluation tools and services will augment Cadence’s rapidly expanding portfolio of leading-edge, silicon-proven IP, including interface, memory, AI/ML and DSP solutions.

“In our increasingly interconnected world, every semiconductor, chiplet and electronic system will require embedded security. Whether for consumer, data center, automotive, drone, robotics, or aerospace and defense applications, security is a foundational element of any design,” said Boyd Phelps, senior vice president and general manager of the Silicon Solutions Group at Cadence. “We continue to invest in our comprehensive IP and design services portfolio to provide more complete system solutions for our customers. The anticipated addition of Secure-IC’s proven embedded security IP and solutions is yet another example of our commitment to being our customers’ SoC design partner and delivering optimal value as they navigate the complexities of bringing AI-enabled SoCs and disaggregated designs to market faster and with greater impact.”

“Over the past 15 years, Secure-IC has been dedicated to safeguarding the digital future with cutting-edge technologies, multi-certified and compliant to worldwide cybersecurity regulations, that protect assets from manufacturing phases to mission mode and enable data protection at rest, in transmission and in computation. By joining Cadence, we will secure the sustainability and operational strength necessary to continue our mission while creating a powerful synergy that accelerates innovation. Together, we are poised to scale globally, deliver enhanced value to our customers and pioneer the next generation of embedded cybersecurity

solutions for complex silicon systems and chiplets following the closing of the transaction,” said Hassan Triqui, co-founder and CEO of Secure-IC.

Secure-IC’s customer base includes top-tier customers such as SK Hynix Memory Solutions America, Synaptics, Silicon Labs and Faraday Technology, which span key verticals worldwide, including automotive, data center, mobile, aerospace and defense, mobile, networking, IoT and consumer electronics. This will offer reciprocal synergistic go-to-market opportunities with Cadence’s existing IP offerings, from protocol controllers and AI accelerators to supporting customers utilizing various processor architectures.

Cadence technologies, coupled with Secure-IC’s security solutions, will be fully equipped to address the growing complexities of embedded cybersecurity, ensuring robust solutions for the ever-evolving challenges of connected systems. Secure-IC has consistently delivered comprehensive security solutions to partners and customers across industries, completing over 500 successful projects worldwide. This acquisition will combine Cadence’s decades of expertise in IP and subsystem design with Secure-IC’s leading embedded cybersecurity solutions, ensuring Cadence is better able to meet the needs of its customers in the evolving world of SoCs.

For Secure-IC’s customers, this alignment will enhance global reach, ensuring long-term stability and accelerating roadmap execution while maintaining the highest standards of support and quality. The integration of Secure-IC’s complementary solutions (Securyzr™, Laboryzr™ and Expertyzr™) into Cadence’s portfolio will empower Cadence to accelerate innovation, broaden its capabilities and strengthen support for diverse industries and businesses. Cadence solutions will feature comprehensive end-to-end integrated security, easily provisionable, deployable and versatile to customer use cases.

Secure-IC’s addition to Cadence expertise will be especially impactful in the context of chiplet systems and complex silicon solutions, building on the companies’ proven success together in the flagship chiplet project recently unveiled by Cadence.

Headquartered in Rennes, France, Secure-IC has eight additional offices and research centers worldwide.

The transaction is expected to close in the first half of 2025, subject to receipt of regulatory approvals and other customary closing conditions. The acquisition is expected to be immaterial to revenue and earnings this year.

Hexagon acquires CAD Service to strengthen EAM solutions with enhanced visualisation capabilities

21 January 2025

Hexagon's Asset Lifecycle Intelligence (ALI) division announced the acquisition of CAD Service. CAD Service is a developer of advanced visualisation tools used to integrate computer-aided design (CAD) drawings, BIM models, and Reality Capture data into HxGN EAM, Hexagon's industry-leading asset management solution designed to extend asset lifecycles and improve productivity.

CAD Service has maintained a longstanding relationship with Hexagon, having signed a partnership agreement in 2013. The flagship solution, OpenCAD, is already an essential tool for around half of Hexagon's EAM Software-as-a-Service (SaaS) customers. The acquisition enables Hexagon to fully integrate CAD Service's visualisation capabilities into the broader solution set and accelerate the development roadmap.

By leveraging CAD Service's expertise in-house, the ALI division will be able to offer more robust and comprehensive EAM solutions, addressing the evolving needs of complex industries, including manufacturing, energy, and transportation as they move to visualise and manage their assets in an increasingly 3D environment.

"Acquiring CAD Service marks an important stepping stone for Hexagon's Asset Lifecycle Intelligence division," said Hexagon interim President and CEO Norbert Hanke. "Its expertise and advanced visualisation tools will allow us to further enhance our EAM offerings, directly providing customers with more integrated and efficient tools for managing their assets. Becoming part of Hexagon is a natural progression for CAD Service since its tools have been an integral part of Hexagon's EAM solutions for years."

CAD Service, headquartered in Parma, Italy, has a team of nine employees. It will be fully consolidated from today and will operate within Hexagon's Asset Lifecycle Intelligence division.

IBM to Acquire Applications Software Technology LLC, Bolstering Oracle Expertise to Help Clients Transform Their Operations

16 January 2025

IBM announced its intent to acquire Applications Software Technology LLC¹, a global Oracle consultancy. Applications Software Technology brings deep expertise driving business transformations with Oracle Cloud Applications, including for clients in the public sector such as local government and K-12 education.

Public sector cloud transformations frequently face issues that include difficulty transitioning legacy systems, scarce skills or high security and compliance requirements. This acquisition will further enhance IBM's Oracle solutions to help clients across North America, the UK and Ireland address those complexities and drive lasting results in their digital transformations with Oracle Cloud Applications. It will build on IBM's 2024 acquisition of Accelalpha, expanding IBM's ability to help clients deploy, manage and drive value from their Oracle cloud solutions.

"Public sector clients' cloud transformations often require a consulting partner with industry, domain and technology expertise," said Kelly Chambliss, Senior Vice President, IBM Consulting, Americas. "The acquisition of Applications Software Technology will boost IBM's public sector and Oracle Cloud Application skills to help clients confidently navigate their business transformations."

Applications Software Technology's large team of consultants brings expertise across the Oracle Cloud Applications Suite, particularly around Oracle Fusion Cloud Enterprise Resource Management (ERP) including Enterprise Performance Management (EPM), Oracle Cloud Human Capital Management (HCM), and Oracle Fusion Configure, Price, Quote (CPQ), as well as Oracle

Cloud Infrastructure (OCI), JD Edwards, and NetSuite. Applications Software Technology also brings expertise and partnerships with Salesforce and MuleSoft, specializing in public sector solutions and more.

This acquisition supports IBM's open ecosystem approach which allows us to meet clients where they are, bringing together whatever technology and expertise are needed across our expanding partner ecosystem to solve the client challenge.

Applications Software Technology has been an Oracle partner since 1996 and a leading provider of Oracle solutions covering areas like business process redesign and Oracle Cloud deployment. In addition to its strong public sector presence, Applications Software Technology also serves commercial clients in the manufacturing, energy and consumer packaged goods industries.

"We are excited to join IBM and open up new opportunities for our people and expand transformative solutions to deliver business outcomes for our customers," said Justin Winter, CEO, Applications Software Technology. "Applications Software Technology and IBM have complementary capabilities, client relationships, service offerings and values around our people, innovation and commitment to client success. Together, we will continue to grow in the market for cloud transformation solutions."

Headquartered in Lisle, Illinois, Applications Software Technology has teams across the US, UK, Canada and India. Notable past acquisitions contributing to its growth include Symatrix Limited, 9EDGE Inc. and Computer Technology Resources Inc. Applications Software Technology is currently a portfolio company of funds managed by Recognize Partners LP. Upon close, Applications Software Technology will join IBM Consulting.

IBM and Oracle's partnership spans almost 40 years.

The acquisition is expected to close in the first quarter of 2025, subject to customary closing conditions and regulatory approvals. Financial details of the transaction were not disclosed.

¹ Applications Software Technology LLC refers to the four companies included in this acquisition: Applications Software Technology LLC, its subsidiaries 9Edge and Computer Technology Resources, and Symatrix Limited

Company News

Anders Svensson appointed as new President and CEO of Hexagon

20 January 2025

The Hexagon Board of Directors has appointed Anders Svensson as President and CEO. Anders Svensson will take office on 20 July 2025 at the latest, succeeding Norbert Hanke, who will continue as interim President and CEO until then.

Anders Svensson joins Hexagon from Konecranes (Nasdaq Helsinki: KCR), a global leader in material handling solutions, where he has been President and CEO since October 2022. Prior to his current role, Anders Svensson has held various leadership positions within Sandvik since 2008. Most recently he was President of Sandvik Rock Processing Solutions and a member of

Sandvik group executive management. Anders Svensson is a Swedish citizen and holds a Master's Degree in Chemical Engineering.

"I am very pleased to announce the appointment of Anders Svensson as the new President and CEO of Hexagon. He has a strong track record, in terms of leadership experience, enhancing company culture, driving customer-centricity and delivering strong growth and improved profitability. Under Anders' leadership, Hexagon will be well placed to capture the exciting opportunities that lie ahead, and deliver on our existing financial targets," says Ola Rollén, Chairman of the Board of Hexagon AB. "I would also like to take this opportunity to thank Norbert Hanke for his continuing dedication to Hexagon, most recently as acting President and CEO."

"I feel privileged that the Board has given me the opportunity to lead Hexagon at such an exciting time. Hexagon, with its market leading positions in both sensors and software, history of innovation and strong culture is uniquely placed to capture many of the disruptive growth opportunities that lie ahead, across autonomy, robotic solutions, digital twins and the application of AI. I very much look forward to working with new colleagues around the world and building on a great foundation for profitable growth and future success," says Anders Svensson.

Aurigo Expands Its Bangalore Facility, Advancing R&D and Innovation Efforts

21 January 2025

Aurigo Software, the leading provider of capital planning and construction management software for infrastructure and private owners, announced the opening of its new global research and development (R&D) center in Bangalore, India. This move marks a significant milestone as Aurigo transitions to a larger, state-of-the-art facility, consolidating its operations in the city to drive innovation and scale growth.

Aurigo's presence in Bangalore and Mysore has allowed the company to tap into a vast talent pool of over 1.3 million professionals across India, advancing its engineering, technology, and business strategies. The newly established center is set to focus on developing software products, including artificial intelligence-based (AI) solutions that meet the evolving needs of the global infrastructure sector.

"The Bangalore campus is not just a space; it is a testament to how far we have come in the past 20 years," said Balaji Sreenivasan, CEO and Founder of Aurigo Software. "This new facility will play a crucial role as we expand our product offerings, explore new markets, and develop innovative AI solutions that drive smarter, more efficient infrastructure development worldwide."

The nearly 60,000-square-foot facility is designed to promote collaboration and employee well-being. It features advanced demo rooms, ergonomic workstations, a state-of-the-art training center, a well-equipped cafeteria, and dedicated wellness and recreational spaces. The amenities are designed to encourage creativity and improve productivity, aligning with Aurigo's commitment to maintaining a supportive work environment.

“The launch of our global R&D center represents our investment in creating an environment where innovation thrives,” said Marisa Landez, Vice President of Human Resources at Aurigo Software. “The workspace helps support a hybrid-work model and empowers our teams to push boundaries and advance their careers while maintaining meaningful connections and healthy work-life integration.”

Aurigo’s ongoing investments in its Bangalore and Mysore hubs, combined with the recent hiring of engineering graduates from premier institutions, highlight its strategic focus on fostering talent and expanding capabilities. Additionally, the company’s involvement with local universities, charities, and the business community through initiatives like Aurigo Cares reflects its commitment to community engagement and development. Aurigo’s growing presence in India further supports its broader vision for excellence in infrastructure management.

Autodesk signals next chapter with new creative agency of record

23 January 2025

Autodesk, the world’s leading Design and Make technology company, has named Giant Spoon its first-ever creative agency of record—marking a significant step in its brand evolution. Together, Autodesk and Giant Spoon will build on Autodesk’s recent milestones—including its role as the Official Design and Make Platform of the LA28 Olympic and Paralympic Games and Team USA—while creating new campaigns that drive the business forward and deliver on Autodesk’s mission to help everyone, everywhere design and make a better world.

Giant Spoon will support all of Autodesk’s major brand campaigns and brand-level creative assets, as well as the strategy, optimization, and measurement of brand media, which will inform down-funnel efforts—with the goal of shaping where and how Autodesk shows up. By aligning with Giant Spoon’s core principles, Autodesk will make bold, timely, and unexpected appearances—challenging conventions and redefining the Design and Make category to reach new heights of prominence.

“Our customers are changing the world with our technology, and we’re deeply passionate about showcasing these stories and celebrating their innovations,” said Dara Treseder, Chief Marketing Officer of Autodesk. “Giant Spoon is the creative partner we need to tell these Design and Make stories on a global scale. The agency will help us think big, plan strategically, and act boldly. We’ll know we achieved our goal when everyone, everywhere instinctively turns to Autodesk when they need to Design and Make anything.”

“The world is built with Autodesk, and the people building our future are building it using Autodesk’s Design and Make Platform today—from entertainment to engineering, content to construction, and everything in between,” said Jonathan Haber, cofounder of Giant Spoon. “Working with a brand that has such an impact on the way we live is, of course, exciting, but it’s the team’s ambition to achieve fame among their audiences that is the real opportunity for us. We love the challenge of telling complicated, yet important stories, making them accessible and engaging. Giant Spoon exists to expand the ways people experience brands across a wide variety of canvases, and few brands have such a wide variety of stories to tell like Autodesk.”

Last year, Autodesk made a meaningful impact—from contributing to the restoration of the iconic Notre-Dame Cathedral in Paris to being named the Official Design and Make Platform of the LA28 Olympic and Paralympic Games. Partnering with Giant Spoon signals the beginning of a new chapter for Autodesk, to build larger and more durable direct relationships with its customers and to serve them more efficiently, while building on its mission to design and make a better world.

The Design and Make industry today employs 300 million people and is set to be worth \$3 trillion in economic value by 2027. As Autodesk continues to influence this growing set of fields, its work with Giant Spoon will surface the collective stories of the designers and makers who are using Autodesk to build the world we live in, design the products we use, and create the films and games that entertain us.

Autodesk's construction leader Jim Lynch to retire after 28 years

21 January 2025

Jim Lynch, SVP and GM of Autodesk Construction, has announced his retirement following a successful 28 years at the company where he led the transformation of Autodesk Construction. Lynch will serve in his current role until April 1, 2025.

“Jim has had an immeasurable impact on Autodesk and the construction industry at large. From his early contributions establishing Revit as a core part of AEC to his leadership in building out our construction business, he’s shaped Autodesk’s success,” said Andrew Anagnost, President and CEO of Autodesk. “Under his leadership, Autodesk Construction set new benchmarks for collaboration and innovation, helping our customers around the world to achieve their business goals. We are grateful for Jim’s vision, dedication, and impact and wish him the very best in his retirement.”

To ensure a seamless transition, Amy Bunszel, Autodesk’s EVP of Architecture, Engineering, and Construction Solutions, will lead Autodesk Construction following Lynch’s retirement. Bunszel has over 14 years of leadership experience in the architecture, engineering, and construction (AEC) industry.

“We remain committed to delivering value to our construction customers and making construction Autodesk’s next billion-dollar business,” said Anagnost. “Amy Bunszel has deep expertise across the AEC industry and is a natural fit to lead the Autodesk Construction business forward.”

Lynch joined Autodesk in 1997 and has led the Autodesk Construction business for the last seven years. His accomplishments in this role include building the half a billion-dollar business and launching Autodesk Construction Cloud.

“Leading the Autodesk Construction business has been the highlight of an amazing 28-year career at Autodesk,” said Lynch. “I’m proud of the people I had the joy of working alongside, our contributions to the construction industry, and the achievements of our customers to build a better world. While I look forward to this next chapter, I cherish my time at Autodesk and will remain deeply invested in the future of construction.”

Bluebeam Accelerates its Expansion in France

22 January 2025

Bluebeam, a provider of collaboration and productivity solutions for architecture, engineering, and construction professionals worldwide, announces its plan to invest in and accelerate its expansion into France in 2025. Bluebeam is part of the Nemetschek Group.

“France’s overall economic strength and stability make it one of the top economies in the world,” said Amit Sangal, Chief Growth Officer of Bluebeam and the Nemetschek Group Build & Construct Division. “Construction and design professionals face challenges such as labor shortages, regulatory complexities, and barriers to technology adoption. Bluebeam, with its focus on improving collaboration, streamlining workflows, and digitizing processes, is well-positioned to help address these challenges and drive efficiency in France and beyond.”

As part of this expansion strategy, Bluebeam announces the appointment of Charles Parissier to lead operations in France as Bluebeam Country Manager. With over 15 years of industry experience, including at ALLPLAN France, Charles Parissier will oversee sales and business development to drive growth and deliver value to customers. Bluebeam also plans to expand headcount to better support and enhance the quality of service offered to users in the region.

“We’re thrilled to introduce Bluebeam’s innovative solutions to construction professionals in France, a market full of growth potential,” said Charles Parissier, Bluebeam Country Manager for France. “The strength of Bluebeam’s digital productivity and collaboration capabilities combined with the support of the Nemetschek Group, uniquely positions us to drive adoption and foster innovation that will help transform the French architecture, engineering and construction industries.”

Bluebeam: A Solution Tailored to the French Market

With more than 3 million users globally, Bluebeam simplifies team collaboration by centralizing document markups, streamlining workflows and improving communication. Its ability to reduce time and costs by digitizing processes makes it particularly well-suited to the needs of the French market.

All Bluebeam solutions are now fully available in French, ensuring a seamless and consistent user experience across desktop, web and mobile applications.

Bluebeam is one of the leading providers of digital productivity and collaboration solutions for the design and build industry in North America and has an established presence in France through the Nemetschek Group and its brands such as ALLPLAN, Graphisoft, Solibri and dRofus. The alignment between Bluebeam’s technology and the existing customer base of Nemetschek’s brands, which includes architects, engineers, and builders, further strengthens the company’s position for increased adoption in the region.

HCLTech expands footprint in Hyderabad

21 January 2025

HCLTech, a leading global technology company, has expanded its global delivery footprint in Hyderabad with the launch of a new center.

The new center will provide cutting-edge cloud, AI and digital transformation solutions to global clients across industries such as hi-tech, life sciences and financial services.

Located in the Hi-Tech City, the 320,000 sqft facility will house 5,000 people and come with Gold Certification from the Indian Green Building Council, underscoring HCLTech's commitment to sustainable business practices.

"Hyderabad, with its world-class infrastructure and high-quality talent pool, has been a key location on HCLTech's global network. The new center will bring cutting edge capabilities to our global client base and contribute to the local technology ecosystem," said C Vijayakumar, CEO & Managing Director, HCLTech.

HCLTech has been present in Hyderabad since 2007. With the addition of the new center, its footprint will span five centers across the city with capacity of 8,500 seats. The city is home to esteemed institutions like the Indian School of Business (ISB), International Institute of Information Technology (IIIT) and Osmania University, which support a strong talent pipeline.

HCLTech joins Salesforce as an Agentforce Partner to drive agentic AI innovation

24 January 2025

HCLTech, a leading global technology company, has been selected by Salesforce to be part of its Agentforce Partner Network.

As an Agentforce partner, HCLTech will leverage its Salesforce digital modernization expertise to help clients, especially in financial services, deploy AI-driven agents that significantly improve user experiences.

This strategic partnership is set to revolutionize the landscape of autonomous and AI-enabled virtual agents, empowering enterprises to modernize their SaaS applications with advanced multi-modal AI technology and accelerate their adoption of AI-driven agents. The partnership allows HCLTech to assist enterprises in transitioning from simple chatbots to sophisticated AI solutions capable of handling complex, multi-channel interactions.

HCLTech and Salesforce are partnering to bring agentic AI to PenFed Credit Union, America's second-largest federal credit union, accelerating its journey toward enhanced member engagement and operational efficiency.

"PenFed is collaborating with HCLTech and Salesforce to bring a next-generation, AI-powered agent experience to our members and employees, enhancing service and support like never before," said Atif Munir, Chief Technology Officer, PenFed Credit Union.

"At HCLTech, we empower clients with AI-driven agents to enhance operations, improve customer service and drive innovation. Being chosen as a Salesforce Agentforce partner reflects our dedication to leveraging cutting-edge technology and highlights our role in shaping the future of AI," said Sadagopan S, Executive Vice President, Global Head of SaaS & Commercial Applications.

IFS Announces 2024 Partner of the Year Awards at the IFS Global Partner Summit during IFS Sales Kickoff

17 January 2025

IFS, the leading technology provider of enterprise cloud and Industrial AI software, has announced the winners of its **2024 Partner of the Year Awards** during the IFS 2025 Sales Kickoff in London. The awards recognize the outstanding contributions of IFS's global partner community, acknowledging their critical role in driving innovation, growth, and success for customers across industries.

Reflecting on the achievements of the past year, **Max Roberts, Chief Operating Officer at IFS, shared:** "This past year has been truly remarkable, marked by significant accomplishments, solid growth, and stronger relationships within our partner community. Thanks to the dedication and hard work of our partners, we've seen a 40% year-on-year increase in license revenue driven by partners and 34% growth in partner revenue in 2024 compared to the previous year. The commitment to innovation, excellence, and collaboration shown by our partners has been key to our success. Together, we are demonstrating the power of our partner-first strategy, delivering real value for our customers and paving the way for continued growth."

To ensure a comprehensive evaluation, the **Innovation Partner Award** was assessed by a panel of industry analysts from **IDC** and **Verdantix**, who brought their expertise to the evaluation of a highly competitive pool of entries.

2024 Partner of the Year Award Winners

- **Cloud Partner Award:** Arcwide
- **Global Growth Partner Award:** Accenture
- **Innovation Partner Award:** PwC
- **Regional Partner Award:** NEC
- **Customers' Choice Partner Award:** Xitricon
- **Outstanding Channel Deal Maker Award:** 12Guide
- **Channel Sales Excellence Award:** Hoist
- **Technology Partner Award:** Microsoft
- **IFS Foundation Partner Award:** Platned
- **Global Channel Partner:** InfoConsulting
- **Global Partner:** Accenture

This year's awards highlight IFS's ongoing commitment to nurturing a thriving partner community. By staying focused on a partner-first strategy, IFS continues to empower partners to deliver innovative solutions, drive transformation, and help customers achieve success in their industries.

The awards process was led by a global steering committee of IFS representatives who reviewed nominations for merit-based categories. This year's **Customers' Choice Partner Award** featured nominations submitted directly by IFS customers, showcasing the valuable contributions of the partner community.

Keysight Signs Virtual Power Purchase Agreement for Renewable Energy Development

23 January 2025

Keysight Technologies, Inc., signed a virtual power purchase agreement (VPPA) with Southern Power, a leading U.S. wholesale energy provider and subsidiary of Southern Company, to acquire renewable energy credits produced by a 39 megawatt (MW) portion of the Phase III expansion at the Millers Branch Solar Facility.

The VPPA allows Keysight to support renewable energy development, demonstrating Keysight's commitment to mitigate the worst impacts of climate change. Phase III of the project located in Haskell County, Texas, is expected to achieve commercial operation in the first quarter of Keysight's fiscal year 2027.

Keysight's portion of the project is estimated to generate renewable electricity equivalent to 100% of the company's electricity consumption in the United States and Canada. This commitment will result in significant progress towards Keysight's renewable electricity initiatives, near-term science-based targets, and goal to achieve net zero greenhouse gas emissions in company operations by the end of fiscal year 2040.

Ingrid Estrada, Chief People and Administrative Officer at Keysight, said: "We are proud to support the development of new renewable electricity and reduce global greenhouse gas emissions. By signing our first VPPA, Keysight is taking a huge step in our sustainability journey, and we look forward to making continued progress in this space."

Lantek Software Multinational Strengthens Its Asian Presence with New Subsidiary in Japan

23 January 2025

Lantek, the largest sheet metal software company in the world, achieves another milestone as part of its strategic growth plan with the opening of a new subsidiary and local team in Japan. This expansion has been made possible through the integration of the Japanese company FA Service, a move that significantly enhances Lantek's ability to deliver solutions tailored to the Japanese market and machine tool builders, while strengthening its local service capabilities.

This strategic decision not only marks a key milestone for FA Service but also opens new opportunities for collaboration with a wide range of machine manufacturers, positioning the company as a vital hub for Lantek's operations across the Asian region. Through this collaboration, FA Service's Japanese customers gain access to Lantek's global network of over 400 software experts, who bring 35 years of experience in driving digital transformation in the

sheet metal industry. Lantek's team is dedicated to helping manufacturers enhance their efficiency and competitiveness in an increasingly dynamic market.

The Japanese team, composed of over 25 experts with extensive experience in the CAD/CAM industry and a deep understanding of the Japanese sheet metal market, enables Lantek to offer exceptional technical support and provide customized solutions that meet the specific needs of clients in the region.

With this latest expansion, Lantek now operates in 16 countries. Backed by a global network of over 35,000 customers, Lantek is renowned for its multivendor approach to Smart Factory solutions. By enabling manufacturers to maximize their productivity regardless of the machines or technologies they use, Lantek continues to lead the way in driving innovation across the industry.

This integration unlocks significant new opportunities for machine tool builders, giving them a robust global platform to expand their reach into new markets while benefiting from Lantek's proven infrastructure and international presence. Customers can now take advantage of an extended portfolio of technologies, including cutting and bending solutions, Manufacturing Execution Systems (MES), Enterprise Resource Planning (ERP), and advanced tools for Analytics and Smart Cost estimation enhanced with Artificial Intelligence (AI).

With this integration, FA Service and Lantek bring together their respective strengths to create a seamless, customer-focused experience while reinforcing their shared commitment to driving innovation and delivering exceptional value.

Mastercam Strengthens Leadership Team with Appointment of a New Chief Innovation Officer and Two Vice Presidents

21 January 2025

Mastercam, the leading global provider of CAM software, is pleased to announce three new leadership appointments that will strengthen its ability to deliver innovation, new products, and customer-focused solutions to address the growing needs of the U.S. manufacturing industry as it faces higher costs, potential policy changes, and a skilled labor shortage. Mastercam has appointed a new Chief Innovation Officer, a Vice President (VP) of Product Management, and a VP of Customer Success and Program Delivery.

Nand Shivkumar is the new Chief Innovation Officer (CIO). In this pivotal role, Shivkumar will lead the development and execution of Mastercam's product vision and strategy, ensuring the company addresses evolving market needs while pushing the boundaries of innovation.

"Nand's appointment marks a significant milestone in Mastercam's journey toward delivering next-generation manufacturing solutions. His leadership will help us strengthen customer engagement, expand into new markets, and provide even greater value to our customers worldwide," said Russ Bukowski, Interim President of Mastercam.

With over 20 years of experience in software engineering, product strategy, and innovation leadership, Shivkumar has an impressive track record of driving growth through transformative

technology. His expertise in scaling SaaS platforms, leveraging AI and machine learning, and leading diverse global teams will play a key role in shaping Mastercam's future.

Ivan Krstic has been appointed as the new VP of Product Management.

Krstic brings over 20 years of industry expertise in product management, particularly in CAD/CAM and manufacturing technology. In this role, Krstic will spearhead product strategy for Mastercam. He will be instrumental in developing the product roadmap for both current and next-generation solutions, with the goal of boosting revenue and creating integrated solutions that enhance customer experience.

"Ivan's proficiency in market-driven strategies is set to drive innovation and inspire exceptional user experiences," said Bukowski.

Shannon Lesane has been promoted from the Director of Project Management to VP of Customer Success and Program Delivery.

Lesane's background in developing and implementing Customer Success and Client Engagement programs will lead this critical area as Mastercam grows their direct sales business. Lesane will continue overseeing the Project Management Office team, delivering exceptional value, elevating customer engagement, and building a customer-first culture.

"As we expand our services and support structure, Shannon will ensure the right programs, processes, and systems to support our customers at all levels. I am very excited to see the impactful contributions she brings to Mastercam," added Bukowski.

PROLIM Achieves AWS Manufacturing and Industrial Competency, Redefining Digital Transformation in Manufacturing

20 January 2025

PROLIM, a digital transformation leader with deep partnerships with AWS as Advanced Consulting Partner and Siemens Platinum Partner, has earned the AWS Manufacturing and Industrial Competency, recognizing its expertise in delivering advanced cloud-powered digital manufacturing solutions.

As manufacturing customers move to the cloud, they seek cloud experts with manufacturing experience to help them transform and use data more efficiently. AWS Manufacturing and Industrial Competency Partners provide solutions throughout the digital transformation journey, ensuring support from a validated AWS Partner while following AWS best practices for secure, high-performing, and efficient cloud infrastructure.

Competency differentiates PROLIM as an Advanced Consulting Partner with demonstrated technical proficiency and proven customer success in running cloud solutions on AWS for the manufacturing and industrial sector. AWS Partners must undergo rigorous validation and provide vetted customer references to achieve this designation.

Driving Innovation Amid Industry Challenges

The manufacturing sector faces growing demands for sustainability, efficiency, and faster product cycles. Cloud transformation has become essential. PROLIM leverages AWS Manufacturing and Industrial Competency to deliver strategic, impact-driven solutions tailored to manufacturers' unique needs.

“With AWS Manufacturing and Industrial Competency, we help manufacturers unlock the full potential of cloud technology,” said Prabhu Patil, Founder & CEO, PROLIM. “Our approach reimagines operations, enabling clients to move faster, smarter, and more sustainably.”

Key Solutions for Manufacturing Digital Transformation

- **Smart Manufacturing:** Advanced automation, IoT, and predictive maintenance enhance productivity, safety, and operational efficiency.
- **Product Design and Engineering:** Seamless Siemens NX™ and Teamcenter® integration accelerates innovation with advanced simulation and collaboration.
- **Plant Operations:** Real-time data visibility reduces downtime and improves decision-making by leveraging Siemens Opcenter and PROLIM's solutions.
- **Supply Chain Optimization:** AWS analytics and PROLIM expertise streamline supply chains and reduce bottlenecks.

Transforming Operations: A Success Story

A leading automotive parts manufacturer partnered with PROLIM to address global supply chain challenges. By integrating Siemens Xcelerator solutions on AWS, they achieved a 30% increase in production efficiency and significantly reduced material waste, gaining a competitive edge and advancing sustainability goals

Qualtrics and SAP Announce New Partnership to Help Organizations Deliver Great Employee Experiences

22 January 2025

Qualtrics, the leader in experience management (XM), and SAP announced a new partnership helping organizations bring together the power of SAP SuccessFactors and Qualtrics® XM for Employee Experience™ to improve employee experience, reduce unwanted employee attrition, retain and develop top performers, improve employee engagement, and increase productivity.

Under the new SAP Endorsed Apps agreement, organizations using SAP SuccessFactors will be able to contract Qualtrics XM for Employee Experience to access the latest innovations including People Engage, People Lifecycle, and Employee Technology Experience – equipping them with capabilities to engage teams, improve manager effectiveness, and make informed people decisions. Organizations will also gain access to new Qualtrics AI capabilities, including:

- **Qualtrics Assist for Employee Experience:** Rapidly analyze employee feedback to obtain clear and actionable insights for improving employee experience using AI-powered natural language understanding.

- **Qualtrics Comment Summaries:** Automatically aggregate and summarize employee feedback into clear themes, allowing managers to quickly identify patterns while ensuring employee anonymity.
- **Qualtrics Conversational Feedback:** Instantly analyze survey responses and prompt for clarification on vague answers, providing richer and more detailed insights into each employee's experience.

“At Qualtrics, we are transforming the way organizations understand and improve employee experiences—enabling them to hire, develop and retain the best talent. AI is at the forefront of our EX Suite, providing leaders with real-time, detailed and action-oriented insights that help them build trust with and create exceptional experiences for their teams,” said Brian Stucki, President & Chief Operating Officer. “This partnership with SAP SuccessFactors is an exciting milestone that will undoubtedly bring ongoing value to our shared customers across their EX efforts.”

“Great employee experiences are a key competitive advantage in business today, and together, SAP SuccessFactors and Qualtrics are helping organizations deliver the insights, capabilities, and support to help teams do their best work,” said Dan Beck, President and Chief Product Officer of SAP SuccessFactors. “We look forward to building upon our relationship with Qualtrics to help customers unlock the value of great employee experiences.”

Sage and Tractics Announce Partnership to Deliver a Powerhouse Cloud Solution for Heavy Civil Contractors

21 January 2025

Sage, the trusted software provider for small and mid-sized businesses (SMBs) in the construction industry, and Tractics, the provider of the leading cloud-native construction management platform for heavy civil contractors, announce a partnership that delivers a powerful integration between Sage Intacct Construction and Tractics.

“This partnership brings together Sage’s industry-leading construction financial management solution and decades of innovation in construction technology with Tractics’ expertise in field, fleet, and project operations to deliver the best in accounting and operations software,” said **Julie Adams, Senior Vice President, Construction and Real Estate, Sage**. “Together, we provide the heavy civil market with a powerful and data-rich platform to seamlessly manage their entire business from the field to the office.”

Integration highlights:

Sage Intacct Construction provides the horsepower and dependable accounting backbone U.S. businesses need to remain competitive, while Tractics delivers a robust solution for office, field, fleet, and project operations. This powerhouse integration includes:

- Centralized, wide visibility into construction operations, in a single, comprehensive platform
- Field apps for foremen and crew so timesheets are updated in real time

- Access to critical data for fleet managers, dispatchers, and back-office staff to simplify operations and keep teams working in sync
- Customizable financial reporting and dashboards
- Anytime, anywhere access to real-time project data
- Dimensional general ledger and multi-entity consolidation
- Automated WIP management

“Tractics was created by contractors for contractors. Drawing on years of hands-on field experience, the platform empowers heavy civil contractors with the tools they need to run their businesses more efficiently. This partnership with Sage enables us to offer our customers even more robust cloud solutions,” said **Tyler VanWinkle, CEO, Tractics**. “By integrating our platforms, we’re helping businesses to streamline their entire operations which also means simplifying their accounting. This helps bridge the gap between technology and everyday construction business needs so that we’re providing solutions to make our contractor’s lives easier.”

The integration is available now for new and existing Sage and Tractics customers.

Simulations Plus and Enabling Technologies Consortium Announce Strategic Collaboration to Advance GastroPlus® Enhancements

22 January 2025

Simulations Plus, Inc. (“Simulations Plus”), a leading provider of biosimulation, simulation-enabled performance and intelligence solutions, and medical communications to the biopharma industry, announced that it has entered a new funded collaboration with the Enabling Technologies Consortium (ETC). This partnership is aimed at advancing *in vitro-in vivo* correlation (IVIVC) approaches for oral drug delivery and expanding the functionality of the GastroPlus platform.

The collaboration focuses on enhancing the predictive capabilities of the GastroPlus advanced compartmental absorption and transit (ACAT™) model to support the development of immediate release (IR) oral drug products. Using data gathered from public sources and members of the ETC, physiologically based pharmacokinetics (PBPK) and biopharmaceutics modeling (PBBM) experts and software engineers at Simulations Plus will look to complete key objectives as defined by the partnership. These advancements, including implementation of novel product-particle size distribution (P-PSD) methodologies and enhanced food effect modeling features, will provide researchers with powerful tools to improve drug product development, reduce reliance on animal studies, and streamline regulatory submissions.

“We are honored to collaborate with ETC, a consortium representing leaders in pharmaceutical innovation who recognize the critical role GastroPlus already plays in drug development,” said Dr. Xavier Pepin, Vice President of PBPK R&D at Simulations Plus and principal investigator for this project. “This partnership reflects the trust and confidence the industry places in our platform and the desire to support its continued evolution. By advancing cutting-edge

capabilities, we are not only reaffirming our commitment to innovation but also empowering researchers to solve complex biopharmaceutical challenges with even greater precision and efficiency.”

The collaboration leverages the combined expertise of Simulations Plus and ETC’s Participating Members, which include leading pharmaceutical and biotechnology companies. Throughout the project, Simulations Plus will deliver beta versions of the enhanced GastroPlus platform to ETC members for testing. Upon completion, the updated software will be accessible to the broader user community. Consistent with all collaborations that Simulations Plus enters, the Company will retain ownership of intellectual property developed through this partnership, ensuring that future enhancements to its platform continue to reflect Simulations Plus’ leadership in PBPK/PBBM science.

TCS Opens New Delivery Centre in France to Drive AI-Powered Transformation for the Aerospace and Defence Industries

20 January 2025

Tata Consultancy Services (TCS), a global leader in IT services, consulting and business solutions, has inaugurated a new delivery center in Toulouse, France. In the new state-of-the-art facility, TCS will harness next-generation technologies like artificial intelligence (AI), generative AI, machine learning, and data analytics to help customers in aerospace and related industries such as manufacturing and defence.

The delivery centre will facilitate AI-driven transformation and foster innovation to improve aircraft design, manufacturing, and maintenance processes for European clients. This includes enhancing fuel efficiency, developing advanced materials for lighter aircraft structures, and implementing predictive maintenance to minimize downtime, improve safety, and redefine the passenger experience of the future. This delivery centre is strategically located in Blagnac near Toulouse Airport to be closer to customers in the aerospace industry. This is TCS’ fourth delivery center in France after Lille, Poitiers, and Paris-Suresnes.

Anupam Singhal, President - Manufacturing, TCS, said, *“This new center embodies TCS’ commitment to driving future-ready manufacturing within the aerospace industry. By harnessing the power of AI and our deep domain expertise, we aim to achieve new heights of efficiency, sustainability, and innovation. Together, we are not just shaping the future of aircraft production but enabling future-ready skies.”*

TCS has been present in France for the past 30 years, working closely with some of the largest European businesses. It supports CAC 40 companies and large enterprises in their digital transformation journeys, with a consistent track record of delivering value and innovation. It has ramped up investments in the country and its skilled workforce in the past few years and plans to double its workforce in the region. Recently, the company launched its cutting-edge innovation hub TCS Pace Port™ in Paris, a reflection of its long-term commitment to fostering economic growth in the region.

By adopting a ‘glocal’ approach—combining local engagement with global capabilities—TCS aims to replicate the success of its existing delivery hubs in Lille, Poitiers, and the Paris region. In 2024, TCS ranked first in customer satisfaction for the sixth consecutive year in an independent survey by Whitelane Research.

Rammohan Gourneni, Country Head for France, TCS, said, *“Our ‘glocal’ model, combining proximity with key industrial players and cutting-edge international expertise, is a real asset. This new center of excellence, a real catalyst for growth for our long-term strategy in France, brings together the best local talent and mobilizes the entire international know-how of our group to offer sharp advice and flawless project execution to aerospace players. More than an expertise center, it is an engine of opportunities for engineers in the region, offering them dynamic and stimulating career prospects in an international environment. We aim to significantly invest in technologies, partnerships, and local talent to contribute to the development of an excellent aerospace industry, here in France.”*

The delivery center in Toulouse will play a pivotal role in accelerating recruitment in the region, leveraging the local talent pool, academic partnerships, and TCS’ existing capabilities in France. As a certified Top Employer in France, TCS is committed to fostering talent development and promoting innovation, particularly through strong collaborations with leading schools and universities such as Pôle Léonard de Vinci and EPITA. These partnerships aim to equip future generations with the skills needed to thrive in an evolving digital landscape.

Volpi Capital Invests in Bluestar PLM

22 January 2025

Volpi Capital, a pan-European B2B technology investor, is delighted to announce its partnership with Bluestar PLM, a leading SaaS provider headquartered in Denmark.

Bluestar PLM offers a cloud-based Product Lifecycle Management (“PLM”) solution, which is embedded within the Microsoft Dynamics ERP platform (i.e. Finance and Supply Chain Management). Discrete manufacturing firms use the solution to help manage their product information, customisations, and traceability requirements. The company has c.60 employees across Europe and North America, and a global customer base of small and large enterprises.

The Volpi and Bluestar PLM teams first met in 2022, and have built a trusted relationship since then, based on a mutual enthusiasm for growth opportunities in the global PLM market. As part of the strategic partnership, there is a joint plan to expand the leadership and go-to-market teams globally, develop a channel program for Bluestar resellers and integrators, and continue to invest in an ambitious roadmap, notably to accelerate AI-driven product innovation based on the Microsoft product stack.

Bluestar PLM represents a natural progression for Volpi’s expertise in the PLM ecosystem, combining deep sector knowledge with hands-on operational support to unlock value.

Jørgen Schiønning Larsen, Bluestar PLM’s founder commented *“We, as a team, have a strong desire to grow our company even further and we believe that Volpi Capital is the right partner to help us achieve this. We have great confidence in Volpi and feel a strong sense of alignment*

with them as individuals as they resonate with our approach to run and lead our company. Volpi fully supports our business values - which is crucial for us."

Marc Andreoli, investor at Volpi commented *"We are excited to partner with the Bluestar PLM team to support the next chapter of their growth. Jørgen, Lisbeth, Jesper and their teams have built an impressive company, and we look forward to bringing our expertise and resources to help them further expand their product, team, and geographic presence"*.

Elizabeth Griskova, investor at Volpi Capital commented *"Bluestar PLM's unique positioning as an ERP-based PLM, deep expertise within the engineer-to-order segment and global growth potential makes it an ideal asset to invest in. We look forward to partnering with the team and helping them capture the market opportunity."*

Event News

ENCY Software to Debut at IMTEX 2025 in Bengaluru

23 January 2025

We are pleased to share that ENCY Software will participate in **IMTEX 2025**, marking our first formal presentation in India. At IMTEX, we'll introduce our advanced CAD/CAM solutions to the Indian market, highlighting how ENCY Software optimizes workflows, improves precision, and reduces production time.

About ENCY Software and Our Products

ENCY Software offers a complete ecosystem of CAD/CAM solutions designed for industries such as aerospace, automotive, and consumer goods. Our flagship product, **ENCY**, combines advanced toolpath generation, high-fidelity simulation, and G-code verification with an intuitive interface, enabling seamless transitions from design to finished parts.

The ENCY ecosystem also includes:

- **ENCY Robot:** A complete offline programming software for robotic cells.
- **ENCY Tuner:** A shop-floor tool for NC-code simulation and reengineering.
- **ENCY Clouds:** A cloud-based collaboration platform for real-time project sharing and troubleshooting.

Our solutions empower manufacturers to enhance efficiency, minimize errors, and deliver reliable results across diverse applications.

Exclusive Offer for IMTEX Visitors

Every visitor to our booth who registers will receive a **3-month subscription to ENCY Tuner** for free after the exhibition. ENCY Tuner allows users to simulate, fine-tune, and reengineer NC-code for CNC machines and industrial robots. It enables error detection, collision prevention, and process optimization, ensuring safe, accurate, and efficient operations.

Event Details

- **Dates:** January 23–29, 2025
- **Venue:** Bangalore International Exhibition Centre (BIEC), Bengaluru
- **Booth:** A108, Digital Manufacturing Pavilion (Hall 7)

Where to Find Us at IMTEX 2025

We'll be at **Booth A108 in the Digital Manufacturing Pavilion (Hall 7)**. Refer to the venue map below to locate our booth and join us to experience ENCY Software's capabilities firsthand.

Focus Areas at IMTEX

- **Live Demonstrations:** Attendees can see ENCY Software's capabilities in action, including the ENCY X ecosystem and its components— ENCY, ENCY Robot, ENCY Tuner, and ENCY Clouds. These solutions address key challenges in CNC programming, robot simulation, and collaborative workflows.
- **Consultation Opportunities:** Our team will be available to discuss specific needs, including customization of CAD/CAM workflows and NC-code fine-tuning processes.
- **Networking:** The booth will also host discussions with ENCY's management team and Indian partners, offering a chance to connect with industry peers.

IMTEX 2025 is a leading platform for advancements in manufacturing technology. We look forward to showcasing how ENCY Software can support modern manufacturing needs and foster collaborations.

Sigmetrix To Be Sponsors at the PTC/User Group Global Summit 2025

22 January 2025

Sigmetrix, global experts in mechanical variation management announced that they will be attending the PTC/User Global Summit 2025 being held from January 27-30 at the Sheraton New Orleans in New Orleans, Louisiana at Booth #2.

PTC/USER is an independent voice for users of software produced by PTC. As the sole entity recognized by PTC as the official worldwide representative of its customers, it is uniquely positioned to support customers through a dedicated user network; educate customers through an online file library, online discussion forums in partnership with PTC Community and contributions to PTC events; and advocate on the behalf of customers through an annual meeting with PTC and Technical Communities and Working Groups.

Major initiatives that are helping companies with this automation and quality/cost management are Model-Based Definition (MBD), Industry 4.0, and Digital Thread. Many companies are starting down the path toward a Model-Based Enterprise, a business practice centered around the use of the model as the master data source, but that path can be challenging. The Digital Thread and MBD rely on a connected architecture so that data can flow. Industry 4.0 is a practice designed to make those moves quickly, helping to build key digital components to support a Model-Based Enterprise. There are many facets to becoming truly Model-Based, but as the name implies, the key is the models themselves and their connections

to various parameters. It is important that all requirements be tied directly to this comprehensive set of models to ensure traceability and usability. One set of requirements critical to the quality of any product is its dimensional requirements used to control mechanical variation. Sigmetrix, with its knowledge of managing mechanical variation, can help maximize the return on your MBD / MBE investment in the following ways – ensure the integrity of your MBD to maximize usability. Guide the creation of optimal dimensioning schemes, including GD&T.

- Promote consistent knowledge between contributors and consumers.
- Assess and improve the maturity of your organization’s Mechanical Variation Management.

To be most effective throughout the life of the product, the dimension scheme and tolerance definitions must be defined by analysis, and the analysis data should be stored with the design data source. Doing this guarantees that those who support manufacturing and inspection have access to all information that may be helpful in troubleshooting issues that may arise. Furthermore, future design teams will benefit from being able to modify the work previously done instead of starting from scratch.

Sigmetrix’s solutions enable you to address these challenges and ensure success by addressing challenges related to loss of “tribal knowledge” and workforce attrition. Our software can also guide your less experienced users to make informed decisions and provide a consistent approach and common language that makes communication throughout the product lifecycle clear.

“We are excited to once again be at an in-person event with the PTC/USER community,” said Raphael Nascimento, Product Manager. “We’re looking forward to talking with people about how Sigmetrix software, training, and consulting can help them achieve their Model-Based goals and deliver more innovative products through better understanding of mechanical variation.”

Attendees are encouraged to catch presentations by Ted Anderson and Raphael Nascimento on topics related to tolerance analysis software and managing mechanical variation as part of the Digital Thread. On Wednesday January 29, 2024, at 4:30PM CST, Raphael Nascimento, Product Manager, will present “How to Gain Deeper Insight into Your Mechanical Variation Management Efforts.” On January 28, 2024, at 4:30PM CST, Product Manager Ted Anderson will be co-presenting with one of our partners from PTC on the topic of “GD&T Advisor Updates & Collections of Customer Feedback and Requirements for Future Development.”

In addition to demonstrating CETOL 6 σ at their booth Sigmetrix will be showing off their entire portfolio of comprehensive, easy-to-use solutions including:

- **CETOL 6 σ** , a 3D tolerance analysis solution that works with designs from PTC Creo, SOLIDWORKS, CATIA V5-6, and NX CAD systems.
- **GD&T Advisor**, an interactive tool that provides expert guidance on the correct application of GD&T / GPS consistent with either the ASME or ISO standards.

- **EZtol**, a standalone 1-D tolerance stackup analysis tool that works with designs from the most popular CAD systems as well as CAD-neutral file formats.
- **Training** provided through more than a dozen instructor-led and computer-based courses covering basic to advanced GD&T/GPS, MBE, and MBD.
- **Consulting and implementation** services team with years of experience in tolerance analysis and GD&T definition offers a variety of consulting services to augment your team, speed your project along and run analyses for your assemblies.

Financial News

Ansys to Release Fourth Quarter and FY 2024 Earnings on February 19, 2025

23 January 2025

ANSYS, Inc. announced that the Company expects to release its fourth quarter and FY 2024 earnings on Wednesday, February 19, 2025, after the market closes. As previously announced, in light of the pending transaction with Synopsys, Inc. (Synopsys), Ansys has suspended quarterly earnings conference calls and no longer provides quarterly or annual guidance.

After the market closes on Wednesday, February 19, 2025, you can find the following information on the investor section of our website at <https://investors.ansys.com>: the earnings press release and the 10-K filing.

Additional information: Synopsys to acquire Ansys

On January 15, 2024, the Company entered into a definitive agreement with Synopsys under which Synopsys will acquire Ansys. The transaction is anticipated to close in the first half of 2025, subject to satisfaction or waiver of all closing conditions, including receipt of outstanding regulatory approvals. Bringing together Synopsys' pioneering semiconductor electronic design automation with Ansys' broad simulation and analysis portfolio will create a leader in silicon to systems design solutions.

CGI announces details for its Annual General Meeting of Shareholders and release of Fiscal 2025 first quarter results

22 January 2025

CGI will host its Annual General Meeting of Shareholders (the "Meeting") and release its Fiscal 2025 first quarter results on Wednesday, January 29, 2025. The Meeting will be held at 11:00 a.m. (EST) via live webcast at <https://www.icastpro.ca/q0jsqn> (Password: CGI2024).

Shareholders will have the opportunity to participate in real time and vote at the Meeting online in the manner set forth in CGI's Management Proxy Circular, through a web-based platform, regardless of their geographic location.

Only CGI shareholders of record at the close of business on Monday, December 2, 2024, and duly appointed proxyholders (including non-registered beneficial shareholders who have duly appointed themselves as proxyholders), will be entitled to vote on matters considered at the

Meeting. CGI uses the Notice and Access rules adopted by the Canadian Securities Administrators. On December 18, 2024, a Notice of Meeting was mailed to shareholders with instructions for accessing the material distributed for the Annual General Meeting of Shareholders online. The 2024 Management Proxy Circular and Fiscal 2024 Results were also mailed to shareholders who had requested it. These documents are also available on CGI's website.

In addition, CGI will release its Fiscal 2025 first quarter results on Wednesday, January 29, 2025 before markets open, and hold its first quarter conference call at 9:00 a.m. (EST) on that day. During the call, François Boulanger, President and Chief Executive Officer, and Steve Perron, Executive Vice-President and Chief Financial Officer, will discuss CGI's results for the first quarter of Fiscal 2025 ended December 31, 2024. Interested parties may listen to the call via webcast on CGI's website at cgi.com/investors or by dialing the following conference call number:

Conference Call: 1-800-717-1738 Conference ID: 28413

IFS announces outstanding 2024 financial results driven by increase in demand for Industrial AI

23 January 2025

IFS, the leading provider of enterprise cloud and Industrial AI software, announces its strongest ever financial performance, for the year ending December 31, 2024. Sustained organic global growth fueled by demand for Industrial AI has driven Annual Recurring Revenue (ARR) to exceed €1 billion, with total revenue for the year at €1.228 billion.

IFS FY2024 Key Results:

- **Annual Recurring Revenue increased by 32% YoY**
- **Cloud Revenue increased by 38% YoY**

The impact of AI within the industrial setting is poised to contribute substantial long-term economic value, which is why companies in the hardcore industries that protect, power, and service the planet are turning to IFS.ai. IFS's significant growth in 2024 reflects this demand, with the company continuing to take market share from legacy vendors.

With more of the world's largest and most respected brands moving to IFS, the company was proud to welcome over 350 new customers, including: Comcast, Electrify America, E.On, Exelon, HomeServe, Miele, Molson Coors, Modulaire Group, Rolls-Royce Power Systems, Saudi Electricity Company, Sureserve Group, Quanta Services and Vattenfall. The customers who are new to IFS are larger businesses, which is reflected in the average deal size of IFS's largest customers increasing by 64% YoY.

IFS's global partner community continues to play a significant role in delivering value to customers, with partner revenue increasing 34% YoY. Organic growth was complemented by the completion of two strategic acquisitions including Copperleaf, the global leader in asset

management and asset investment planning (AIP), and EmpowerMX, an AI-powered aviation maintenance software provider.

Mark Moffat, Chief Executive Officer, IFS commented: “IFS is leading the Industrial AI revolution, evidenced by our sustained financial performance that is fueled by customer demand for IFS.ai. It is testament to the trust we have built, and I offer my gratitude to our customers and partners for their collaboration, visionary spirit, and confidence in our shared future.”

“Our success is a result of strong execution of our industry-focused strategy. No other vendor understands our customers’ industries as well as IFS, which simply means that our customers are realizing exceptional value from IFS.ai. We continue to outperform monolithic, legacy enterprise software vendors who have not kept up with the pace of change.”

Matthias Heiden, Chief Financial Officer, IFS commented: “Surpassing €1 billion ARR is a significant milestone in the enterprise software industry, reflecting the reliability with which we execute. Cash flow and conversion also grew significantly in the period, meaning business transformation and strategy execution was very strong, enabling us to grow ARR 32% YoY. I am confident that IFS is well-positioned for 2025, with a strong outlook based on the resilience we have built into the business, industry-focused innovation and our subscription-based business model.”

Customer-centricity underpins consistently strong financial performance, and IFS strives for industry-leading satisfaction scores. IFS CSAT increased to over 80% in 2024, measured holistically across multiple touchpoints throughout the year and spanning the entire lifecycle, in contrast to the industry standard practise of an annual pulse check.

Procore Announces Timing of Fourth Quarter and Full Fiscal Year 2024 Earnings Call

23 January 2025

Procore Technologies, Inc., the leading global provider of construction management software, announced that it will report its fourth quarter and full fiscal year 2024 financial results after the U.S. financial markets close on Thursday, February 13, 2025.

In conjunction with this announcement, Procore will host a conference call on Thursday, February 13, 2025 at 2:00 p.m. Pacific Time to discuss Procore’s financial results and financial guidance. To access this call, dial +1 833 470 1428 (domestic) or +1 404 975 4839 (international). The conference ID number is 214916. A live webcast of this conference call will be available on the Investor Relations page of Procore’s website, <http://investors.procore.com>, and a replay will be archived on the website as well. To access the live event please register [here](#).

Sandvik - Interim report fourth quarter 2024

23 January 2025

- Order intake SEK 31,562 million (30,062)
- Order intake, at fixed exchange rates, increased by 5%

- Revenues SEK 32,151 million (31,816)
- Revenue growth, at fixed exchange rates increased by 1%
- Adjusted EBITA SEK 6,288 million (6,211)
- Adjusted EBITA margin 19.6% (19.5)
- Adjusted EBIT SEK 5,741 million (5,738)
- Adjusted EBIT margin 17.9% (18.0)
- Adjusted profit before tax SEK 5,377 million (5,107)
- Profit for the period SEK 4,297 million (4,259)
- Adjusted profit for the period SEK 4,084 million (4,047)
- Earnings per share, diluted SEK 3.42 (3.39)
- Adjusted earnings per share, diluted SEK 3.25 (3.22)
- Free operating cash flow SEK 6,463 million (5,463)

Additional information may be obtained from Sandvik Investor Relations, phone +46 70 782 63 74 (Louise Tjeder).

A webcast and conference call will be held on January 23, 2025, at 10:00 AM CET. Information is available at home.sandvik/investors

Tata Technologies reports 7.1% QoQ growth in net income

21 January 2025

Tata Technologies Limited, a leading global engineering services company, announced financial results for the quarter ended December 31, 2024.

Key highlights for the quarter that ended 31st December 2024:

- Total operating revenue at ₹13,174 million, up 2.2% YoY and 1.6% QoQ
- Services segment revenue of ₹10,127 million, an increase of 1.2% YoY and 0.8% QoQ
- Services segment revenue in constant currency up by 1.1% QoQ
- Operating EBITDA at ₹2,340 million; EBITDA margin at 17.8%
- EBIT up 3.1% QoQ to ₹2,119 million; EBIT Margin up 20 bps QoQ to 16.1%
- Net income at ₹1,686 million; up 7.1% QoQ
- Net margin at 12.8%, an increase of 70 bps QoQ
- 20 bps sequential improvement in [LTM] attrition to 12.9%
- Workforce strength of 12,659

Warren Harris, Chief Executive Officer and Managing Director, said: “I am encouraged by the resilience our business has demonstrated in uncertain economic conditions with revenue growth across both our business segments. We secured four large deals this quarter, and our pipeline remains healthy. We are seeing opportunities across Digital Engineering, Smart Manufacturing, Gen AI, and Embedded Software Solutions, fostering measured optimism for Q4

and FY26. We are also investing in advanced tools and capabilities to position ourselves for accelerated growth as policy clarity improves and investments in new product development rebounds.”

Savitha Balachandran, Chief Financial Officer, said: “I am pleased with our Q3 performance, marked by 1.7% top-line growth and a 7% sequential increase in PAT. This performance underscores the strength and adaptability of our diversified service offerings, which enabled us to navigate the complexities of the quarter effectively. Our disciplined execution drove strong cash conversion in the first nine months, with free cash flow exceeding 100% of net income. This further strengthened our balance sheet, with a net cash position of \$154 million at the end of December. We remain dedicated to delivering sustainable, long-term value for all stakeholders.”

Key highlights and recognitions:

- Tata Technologies has been selected by a European company to innovate cost-efficient and sustainable solutions for next-gen vehicles including software for embedded systems, infotainment systems, and advanced engineering and simulation solutions.
- Tata Technologies has entered into a multi-year contract with a European Luxury Automotive OEM for testing and development activities of their new electric vehicles.
- Tata Technologies has been chosen by a global contract manufacturing entity for initial analysis projects. These projects will further lead to SAP roll-out across this entity’s various manufacturing plants across multiple countries.
- Tata Technologies has been selected by a North American Automotive OEM to streamline engineering processes in their PLM cloud application, including vehicle data management, data security, product definition, and BOM structure.
- Tata Technologies has been selected by a North American Automotive OEM to streamline engineering processes in their PLM cloud application, including vehicle data management, data security, product definition, and BOM structure.
- Tata Technologies has signed a new deal with the Government of Tripura to upgrade 19 Industrial Training Institutes.

Implementation Investments

Hexagon Announces Strategic Collaboration with JDC-Miller MotorSports to Enhance Performance and Compliance for 2025 IMSA Season

21 January 2025

Hexagon’s Manufacturing Intelligence division announced a strategic collaboration with JDC-Miller MotorSports, a Minnesota-based racing team renowned for competing in various IMSA series with vehicles from Porsche, Audi, Oreca, Duqueine, and more. This partnership will push the boundaries of precision and performance in motorsports engineering for the 2025 IMSA racing season.

JDC-Miller MotorSports, known for using the state-of-the-art Porsche Hybrid 963 GTP race car in IMSA's top-tier Prototype class, will utilize Hexagon's cutting-edge metrology devices to fine-tune the Porsche 963 ahead of races. This collaboration highlights the critical role of metrology technology in maintaining a competitive edge in motorsports, where every detail can determine victory or a loss.

Advancing Precision with Hexagon's Metrology Technology

At the center of this collaboration is Hexagon's advanced metrology solutions, including its patented MARVELSCAN scanning device, which will enable JDC-Miller MotorSports to generate highly accurate 3D scans of vehicles before each race, ensuring they are consistently in compliance.

Benefits and key features of the MARVELSCAN include:

- **Advanced Technology for Precise Scanning:** Features like Hole Flash Capture, edge detection, and photogrammetry enable MARVELSCAN to handle complex geometries with incredible accuracy, with less cleanup required before processing.
- **Scan Large Parts Faster Without Targets:** MARVELSCAN raises the bar for 3D scanning productivity, as its unique built-in photogrammetry delivers targetless scanning functionality. This enables full vehicle measurements without the need to place targets or stickers on the vehicle, saving significant time while enhancing scanning accuracy.
- **Streamlined Processes:** High-speed data capture reduces technical inspection time and minimizes post-processing, enabling faster compliance and enhanced efficiency.
- **Flexibility to Diverse Surface Types:** Designed to perform on reflective, glossy, or dark surfaces like car finishes, MARVELSCAN ensures reliable performance in challenging inspection environments.
- **Portable and Versatile Design:** Lightweight and compact, MARVELSCAN is tailored for industries like motorsports, offering unparalleled flexibility and ease of use.

MARVELSCAN will be used alongside other metrology technologies, including the Hexagon Absolute Arm, a Portable Coordinate Measurement Machine (PCMM) known for its best-in-class accuracy and compliance with recognized ISO standards. All of Hexagon's devices and technologies are designed to work seamlessly in concert within the same ecosystem, helping to eliminate silos and improve ease of data sharing. This enables JDC-Miller MotorSports to effortlessly expand and adopt additional technology as their challenges and priorities evolve.

"We at JDC-Miller MotorSports are excited about the many ways we can utilize Hexagon's technology," said John Church, Managing Partner, No. 85 JDC-Miller MotorSports Porsche 963. "In the IMSA WeatherTech Championship series, it is essential for our car to be in compliance at all times. Utilizing the Hexagon tools allows us to arrive at the track and breeze through technical inspection. The Porsche 963 is a precision instrument just like the advanced equipment Hexagon produces, it only makes sense to use the best. We believe Hexagon is a natural partner in the high-tech environment of the GTP class within the IMSA WeatherTech Championship."

On-Site Support for Instant Insights

Through Hexagon's collaboration with Productivity Quality, Inc., JDC-Miller MotorSports will also receive on-site technical support, enabling pre- and post-race analysis in near real-time. This hands-on support will allow drivers, engineers and their extended teams to rapidly review and adjust based on the data, maximizing their performance.

"As the regional partner for Hexagon Manufacturing Intelligence, Productivity Quality, Inc. will be providing on-site scanning services to JDC-Miller MotorSports using the latest Hexagon metrology technology for data acquisition and analysis," said Keith Summers, CEO, Productivity Quality, Inc. "Our analysis will include CAD-to-Part comparisons to ensure optimal compliance to design specifications, where a few thousandths of an inch can affect conformance and performance in the very competitive motorsports arena."

"We're honored to collaborate with JDC-Miller MotorSports, providing them with metrology solutions that ensure the technologically advanced vehicles they drive meet the rigorous demands that come with competitive racing," said Brian Winters, Product Manager Articulated Arms & Handheld Scanners, Hexagon. "Using Hexagon's metrology solutions alongside on-site scanning services through our partnership with Productivity Quality, Inc., JDC-Miller MotorSports can optimize their vehicles, giving their drivers a critical advantage on the racetrack."

Hexagon's Ongoing Support of American Motorsports

This collaboration with JDC-Miller MotorSports further cements Hexagon's reputation as a trusted provider of cutting-edge technology for motorsports. Hexagon has a longstanding commitment in advancing motorsports through partnerships with leading automotive racing teams that compete in both NASCAR and Formula One.

LTIMindtree Renews its Strategic Alliance with the Association of American Medical Colleges (AAMC)

22 January 2025

LTIMindtree, a global technology consulting and digital solutions company, announced extension of their strategic collaboration with the Association of American Medical Colleges (AAMC), a nonprofit association dedicated to improving the health of people everywhere through medical education, health care, medical research, and community collaborations. As a part of this renewed partnership, LTIMindtree will help the AAMC expedite its continuous improvement initiatives, driving improved decision making and increased productivity across its business functions.

Founded in 1876, the AAMC is based in Washington, D.C. Through this extended alliance, LTIMindtree will assist the AAMC in enhancing their technology infrastructure and optimize application development and maintenance processes. This engagement will reduce the time to market, through improved overall engineering productivity. Additionally, it will also enable the integration of security practices in development and operational processes to ensure a robust and reliable end-to-end delivery.

“Technology-led innovation is helping tackle some of the most significant challenges within healthcare and we are pleased to renew our partnership with the AAMC, a leading organization in this space. As part of the engagement, LTIMindtree will enable the AAMC in their strategic transformation journey. Our long-term objective is to streamline operations and optimize processes at the AAMC by leveraging our deep expertise in AI-led transformation of data as well as in user experience and infrastructure management”, said Manjunath Yerragunta, Business Head – Healthcare, LTIMindtree.

The AAMC’s members are all 159 U.S. medical schools accredited by the Liaison Committee on Medical Education; 14 accredited Canadian medical schools; nearly 500 academic health systems and teaching hospitals, including Department of Veterans Affairs medical centers; and more than 70 academic societies. Through these institutions and organizations, the AAMC leads and serves America’s medical schools, academic health systems and teaching hospitals, and the millions of individuals across academic medicine, including more than 201,000 full-time faculty members, 97,000 medical students, 158,000 resident physicians, and 60,000 graduate students and postdoctoral researchers in the biomedical sciences.

Malaysia Airlines Extends Relationship with PROS to Drive Profitable Growth

21 January 2025

PROS Holdings, Inc., a leading provider of AI-powered SaaS pricing, CPQ, revenue management, and digital offer marketing solutions, announced the extension of its long-term strategic agreement with Malaysia Airlines by renewing PROS Revenue Management Advantage (RMA). The extension strengthens the collaboration between PROS and Malaysia Airlines, highlighting the value of PROS advanced technology and artificial intelligence (AI) into the airline’s global operations. The PROS solutions have been instrumental in supporting the airline’s post-COVID-19 recovery and driving two consecutive years of profitability.

“Competitive intensity continues to drive us to adopt the most advanced revenue management technology in order to create compelling offers designed to maximize revenue,” said Dersensih Aresandiran, Chief Commercial Officer of Airlines from Malaysia Aviation Group. “PROS has been an exceptional partner, delivering cutting-edge offer AI so that we can provide the right product and price to the customer. These capabilities continue to make us the successful, profitable carrier we are today.”

By utilizing PROS RMA, Malaysia Airlines has been able to forecast demand more accurately and implement dynamic pricing strategies that are more likely to convert passengers with optimized offers. As one of the first adopters of PROS RMA and Willingness-to-Pay in 2020, Malaysia Airlines has benefitted from an increasingly adaptive solution that has helped the airline adopt state-of-the-art technology and strategically improve revenue over time.

The strategic collaboration enables Malaysia Airlines to adapt quickly to shifts in market dynamics and make data-driven decisions that maximize revenue potential, even amid ongoing cost and supply chain challenges. With continued adoption of the PROS Platform, the airline is progressing on its journey toward offer optimization and laying a foundation for continuous pricing.

“This expansion is a testament to our deep relationship with Malaysia Airlines, as well as the power and innovation of our platform,” said Surain Adyanthaya, President, Global Industries, PROS. “We are proud to continue to support Malaysia Airlines in achieving their revenue management goals, optimizing offers in a highly competitive market and ultimately continuing on their journey toward offer optimization.”

MediaTek Adopts AI-Driven Cadence Virtuoso Studio and Spectre Simulation on NVIDIA Accelerated Computing Platform for 2nm Designs

22 January 2025

Cadence announced that MediaTek has adopted the AI-driven Cadence® Virtuoso® Studio and Spectre® X Simulator on the NVIDIA accelerated computing platform for its 2nm development. As design size and complexity continue to escalate, advanced-node technology development has become increasingly challenging for SoC providers. To meet the aggressive performance and turnaround time (TAT) requirements for its 2nm high-speed analog IP, MediaTek is leveraging Cadence’s proven custom/analog design solutions, enhanced by AI, to achieve a 30% productivity gain.

“As MediaTek continues to push technology boundaries for 2nm development, we need a trusted design solution with strong AI-powered tools to achieve our goals,” said Ching San Wu, corporate vice president at MediaTek. “Closely collaborating with Cadence, we have adopted the Cadence Virtuoso Studio and Spectre X Simulator, which deliver the performance and accuracy necessary to achieve our tight design turnaround time requirements. Cadence’s comprehensive automation features enhance our throughput and efficiency, enabling our designers to be 30% more productive.”

Using the Virtuoso ADE Suite, MediaTek has integrated its own AI-powered optimization algorithm in its future product development workflow, improving its designers’ circuit design efficiency. Cadence’s Spectre X running on NVIDIA H100 GPUs delivers the same accuracy as Spectre X running on CPUs while delivering up to a 6X performance improvement for post-layout simulations of large, advanced-node designs.

“Improved performance and efficiency are key to advancing today’s complex chip design processes,” said Dion Harris, director of accelerated computing at NVIDIA. “With Cadence’s Spectre X running on NVIDIA Hopper GPUs, companies like MediaTek can accelerate the verification of their complex post-layout designs, maximize analog circuit simulation performance and reduce time to market.”

MediaTek’s analog layout team has also adopted the Virtuoso Layout Suite device-level router for custom digital blocks in 2nm technology, significantly enhancing layout productivity. Additionally, MediaTek is leveraging AI and Virtuoso’s open platform to customize a prototyping placement and low power prediction flow, which provides another 30% design productivity improvement.

“MediaTek’s validation of our latest Virtuoso Studio release and Spectre X Simulator on NVIDIA’s accelerated computing platform demonstrates that Cadence’s continued investment in enhancing our industry-leading custom design solutions and AI tools is a game changer for our customers’ most challenging 2nm designs,” said Vinod Kariat, corporate vice president and general manager of the Custom Products Group at Cadence. “Bringing the power of AI and GPUs to Spectre X enables MediaTek to solve its large-scale verification simulation challenges even more quickly, without sacrificing accuracy.”

Medidata and Tigermed Renew Strategic Partnership Aimed at Accelerating Clinical Trials Globally

23 January 2025

Medidata, a Dassault Systèmes brand and leading provider of clinical trial solutions to the life sciences industry, has extended its 13-year relationship with Tigermed, a leading global provider of clinical research solutions across the full life cycle of global biopharmaceutical and medical device products. This extended partnership will further harness the Medidata Platform from early-phase trials to post-marketing surveillance, to optimize study workflows, ensure regulatory compliance, and improve the speed of delivering new therapies to patients worldwide, including the emerging markets.

Since 2011, Tigermed has successfully completed over 300 clinical studies across diverse therapeutic areas, including oncology, vaccines, endocrine, and cardiovascular conditions, with the adoption of Medidata Platform. Built on a longstanding relationship, Tigermed will continue to leverage the Medidata Platform to seamlessly integrate with their workflow, automating data capture and streamlining operations traditionally reliant on labor-intensive CRO services. This collaboration will improve trial efficiency, connecting patients, sites, and sponsors, shortening time to market for new products.

"Our partnership with Medidata has allowed our customers to make informed, data-driven decisions and achieve milestones faster," said Hao Wu, executive director and co-president, Tigermed. "We are delighted to extend this collaboration and look forward to leveraging more of Medidata's technologies, including Medidata AI, as we shape the future of clinical trials worldwide."

"Tigermed exemplifies the evolving role of CROs in driving efficiencies across the clinical trial process," said Edwin Ng, senior vice president and general manager, APAC, Medidata. "Through this partnership, we're able to jointly push the boundaries of trial management, improving the study experiences and ultimately delivering better outcomes for patients and sponsors around the world."

Schneider Electric Enhances Growth, Operational Resilience of Blue Stream Fiber

16 January 2025

Schneider Electric, the leader in the digital transformation of energy management and industrial automation, announced their successful engagement with Blue Stream Fiber, top-

rated fiber company, to grow their operations, increasing capacity, and further strengthen operational resilience. Schneider Electric EcoConsult Services assessed the needs within Blue Stream Fiber's operation, then developed and implemented plans to support the company's growth aspirations, without impacting the world-class service their customers expect.

Recognizing growth and the need to scale, Blue Stream Fiber engaged Schneider Electric to conduct a comprehensive assessment of their Port St. Lucie (FL) and Coral Springs (FL) data center facilities. Schneider Services engineers then proactively developed a customized consulting service program to ensure long-term operational reliability. In addition to addressing current needs, this program included identifying potential future enhancements, providing a structured plan for optimization through an electrical system redesign, and targeted equipment upgrades to maximize service uptime.

"Blue Stream Fiber is a leader in their field, expanding rapidly to meet the demands of their growing customer base and building a resilient infrastructure is a critical foundation of reaching that goal," said Jerome Soltani, Senior Vice President, Services, Schneider Electric. "By partnering with Blue Stream Fiber, our experienced team of engineers provided guidance to help this customer design the electrical system needed to keep them on that path, as well as the ongoing support to help them continue to scale."

Schneider Electric EcoConsult Services are dedicated to helping customers resolve power issues and maintain a complete power distribution system efficiently. Faced growing demand, this consulting service program was tailored to provide a future-proofed electrical infrastructure for Blue Stream Fiber, including doubling their operations overall electrical amperage, adding redundancy and resiliency to ensure high availability, and upgrading secondary power systems to insulate facilities against potential outages.

"Our goal is to provide the best experience for our customers and that means ensuring that we have the technology and operations behind the scenes to deliver on that promise," said Gavin Keirans, President & Chief Operating Officer, Blue Stream Fiber. "By partnering with Schneider Electric, we've enhanced our data center operations facility so that our customers are able to receive a high-quality experience through added resiliency and capacity, while our operation is supported as it grows for the future."

As Blue Stream Fiber continues to grow and innovate, their continued partnership with Schneider Electric Services will ensure the optimization of their platform over time, allowing them to build on their more than 45-year tradition of providing best-in-class service for their customers.

WE Fashion Restyles its Operations with Oracle Cloud

21 January 2025

WE Fashion (WE®), one of the Netherlands' most recognized fashion retailers, has selected Oracle Cloud to redesign its business processes and increase the agility and security of its omnichannel operations. The family-owned business established in 1962 caters to men, women, and kids in over 25 countries across various channels and online partners. By moving to the cloud with the Oracle Retail Suite and Oracle Fusion Cloud Warehouse Management, WE®

will be able to leverage the power of AI to optimize merchandise management across its 133 stores and distribution centers, enabling an enhanced shopping experience for its valued customers, no matter how or where they shop.

“WE Fashion has been on a multiyear IT transformation spanning our entire technology landscape,” said Joris Aperghis, WE Fashion’s CEO. “As a longtime partner, Oracle was a natural option as we looked to move our systems to the cloud, enabling enhanced business continuity, strengthened cybersecurity, and greater innovation. After a very thorough comparison with alternative vendors and detailed discovery process with Oracle, we chose them. With these systems, we will be well positioned to support growth, navigate the changing demands of the market, and continually delight and engage our customers.”

WE® will implement Oracle Retail Merchandising Cloud Services together with Oracle Retail AI Foundation to help the retailer automate best practices, optimize stock allocation and planning, and leverage core retail AI and machine learning to make more proactive and informed decisions on assortments, offers, inventory placement, forecasts, planning, buying, pricing, and more.

Oracle Retail Supplier Evaluation will also help WE® operationalise its sustainability commitments and support ESG reporting requirements by collecting insights directly from suppliers on elements such as greenhouse gas emissions.

And Oracle Warehouse Management, part of Oracle Fusion Cloud Supply Chain & Manufacturing (SCM), will boost efficiency for WE®’s distribution centers to meet demand-driven fulfillment and provide better inventory visibility. The implementations will be supported by Oracle’s Retail and Fusion Application Consulting teams.

“By advancing its digital transformation in the cloud with Oracle, WE® will be able to enhance security, business processes, and efficiency from its distribution centers to its storefronts,” said Alex Alt, executive vice president and general manager, Oracle Consumer Industries. “Coupled with the power of AI, these technologies can help WE® make more informed decisions and pivot faster to respond to market and consumer trends.”

Zachry Construction Corporation Implements ALICE to Drive Innovation in Heavy Civil Construction

21 January 2025

Zachry Construction Corporation (Zachry Construction), a leader in heavy civil construction, has implemented ALICE Core, an advanced AI powered simulation and optimization solution that ALICE Technologies developed, for use on its key construction projects. This implementation marks a significant milestone in Zachry’s ongoing commitment to innovation, efficiency, and excellence in project delivery.

Renowned for its expertise and experience spanning more than 5,500 building and construction projects globally, Zachry Construction is a trusted partner in delivering complex heavy civil, transportation, utilities, and infrastructure projects. Now, the company is reinforcing its position as an industry innovator by incorporating ALICE Core into its project management.

“Our team’s commitment to continuous improvement and focus on innovation drive us to adopt advanced tools that enable more efficient and effective delivery of our projects,” said Ranjeet Gadhoke, Vice President of Project Controls at the company.

“We are proud of our reputation as a leader in project controls within our market, and with ALICE, we’re taking our capabilities to an entirely new level. By using AI-powered generative scheduling, we can evaluate risks and opportunities across our projects in a fraction of the time it previously took, allowing us to deliver better outcomes for our clients.”

-Ranjeet Gadhoke, Vice President of Project Controls Zachry Construction Corporation

Transforming Project Controls through Generative Scheduling Technology

The ALICE platform empowers Zachry’s project controls teams to overcome the inefficiencies of traditional methods and technologies, which were often constrained by time-intensive and manual processes.

At the foundation of ALICE’s optimization platform is the company’s patented generative scheduling technology powered by AI, which enables the process of rapidly exploring project scenarios and construction strategies in close to real time, a process that is 800 times faster than a traditional manual approach.

With ALICE, Zachry’s teams can simulate exponentially more scenarios than ever before, gaining insights at every stage of the project lifecycle—from bidding to execution. This capability provides data-backed insights into risks and opportunities, enabling smarter decision-making and improved collaboration. By automating manual processes, the platform allows the team to focus on higher-value tasks, such as strategic planning, risk mitigation, and stakeholder engagement.

ALICE also optimizes resources, helping the team make data-driven decisions about the utilization of labor, materials, and equipment. By preventing over-allocation, avoiding under-utilization, and reducing idle time, the platform provides a proactive approach to managing resources that minimizes waste and ensures resources are deployed and utilized efficiently—all of which are essential for long-term success in heavy civil projects.

Gadhoke continued, “We are proud of our reputation as a leader in project controls within our market, and with ALICE, we’re taking our capabilities to an entirely new level. By using AI-powered generative scheduling, we can evaluate risks and opportunities across our projects in a fraction of the time it previously took, allowing us to deliver better outcomes for our clients.”

In its commitment to adopting and integrating innovation into its operations, Zachry’s project controls teams completed an intensive workshop and certified training program in generative construction technology, a comprehensive initiative that ALICE provides to all its clients.

“Zachry Construction has long been a leader in project controls and excellence, and we are proud to collaborate with them,” said René Morkos, Ph.D., founder and CEO of ALICE Technologies. “With a focus on innovation and accelerated growth, ALICE is helping construction teams set a new standard of planning and scheduling. We are excited to support Zachry in building smarter, faster, and with greater confidence.”

With ALICE's deployment across several key projects, including new bids and ongoing projects in execution, Zachry Construction is redefining project delivery standards, seamlessly combining continuous innovation with its legacy of excellence.

Product News

Atos Digital Workplace Experience Engagement platform enhances user support with Espressive's Barista Conversational AI solution

21 January 2025

Atos announces the successful integration of Espressive Barista, a GenAI-based Conversational agent into its Digital Workplace Experience Engagement platform. This new feature enables employees to receive instant, personalized, and seamless IT support through consumer-like engagement channels, accessible anywhere, anytime, and from any device.

In today's workplace, the expectations from IT support have heightened. Hyper-personalization, accessibility, immediate request fulfillment, and issue resolution, all in a conversational experience, have become standard requirements.

Thanks to Atos and Espressive, employees can engage in natural conversation interactions with a GenAI-powered digital assistant. Espressive Barista Conversational AI helps first-line support agents by providing 24/7 support and decreasing mean time to resolution (MTTR) through automation. This enables agents to allocate more time to higher level issues.

Atos and Espressive signed a partnership agreement a year ago. Since then, over 200,000+ Barista licenses have been enabled across various Atos' Digital Workplace customers, resulting in up to 50% of IT support cases solved at the conversational AI level. Due to its success, customers are now expanding Barista beyond IT to include HR and other departments.

By embedding Espressive Barista's conversational AI capabilities and advanced automation, Atos takes the personalization of services delivered by its Digital Experience Engagement platform even further. This strategic move reinforces Atos' commitment to building a human-centric digital workplace, aimed at transforming the end-user experience, minimizing downtime, and boosting employee performance. This also highlights Atos' proficiency in incorporating AI-powered technologies and automating workflows to provide intuitive, seamless services for employees in the workplace.

With this partnership, Atos' customers can fast-track a generative AI-based virtual agent into the hands of their employees. Barista leverages best in class technology to solve employee issues—including pre-built automations like password reset, retrieval augmented generation (RAG) to locate answers in enterprise knowledge, and safe access to live web answers. Employees only need to remember Barista to get the help they need, resulting in increased employee productivity and a better employee experience.

Leon Gilbert, Senior Vice President Digital Workplace Atos, said: *"We appreciate the positive feedback from our clients regarding our partnership with Espressive, as we strive to develop*

ever more human centric digital workplace platforms supported by the right processes and technologies. Espressive's Gen-AI conversational capabilities alleviate common IT challenges for employees, enabling them to resolve issues more efficiently, save valuable time, and focus on their core responsibilities."

Pat Calhoun, CEO and founder of Espressive, said: "At Espressive, we understand that the key to a successful digital workplace is providing employees with immediate, intuitive, and personalized support through conversational experiences that feel effortless. Our partnership with Atos has not only enabled us to scale these capabilities globally but also demonstrates the power of combining Conversational AI with Atos' innovative Digital Workplace platform to elevate employee satisfaction and efficiency. Together, we're redefining how IT support operates by turning traditional challenges into seamless solutions."

Centric Pricing & Inventory Delivers Up To 25% Faster Performance and Greater Forecasting Accuracy

21 January 2025

Centric Software® is thrilled to unveil new innovations to Centric Pricing & Inventory™ that deliver increased value-add including faster performance, greater forecasting accuracy and an elevated user experience. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, luxury, footwear, outdoor, home and related goods like cosmetics & personal care as well as multi-category retail to achieve strategic and operational digital transformation goals.

Centric Software is regularly featured by leading industry analysts, including Gartner Forrester and IDC. Centric Pricing & Inventory addresses the unique challenges faced by the retail sector focusing on margin maximization through optimal pricing and inventory optimization. The AI-powered solution integrates with Centric PLM™, Centric Planning™ and Centric Market Intelligence™. Centric Pricing & Inventory is an AI-powered solution that manages pricing, inventory allocation, replenishment and stock rebalancing, while providing advanced analytics and market insights for optimal markdown management. By leveraging AI-powered demand forecasting to balance markdowns and stock movements, retailers can make accurate data-driven decisions that optimize assortments, reduce discounting and align customer demand with supply, ultimately boosting profitability and minimizing excess inventory.

Centric Software's AI-powered Pricing & Inventory optimization platform has revamped the user interface, designed specifically for superior data collection. In addition, improved business rules streamline operations further, achieving performance enhancements of up to 25% for users.

The pre-season capabilities of Centric Pricing & Inventory have been expanded with a new stand-alone demand forecasting service that effortlessly integrates with other Centric products and services like Centric Market Intelligence and Centric Planning. This means sharper demand forecast accuracy, meticulous SKU-level inventory optimization and an improved initial allocation strategy that leads to unmatched overall forecast performance.

Another exciting and innovation is the “what-if” analysis, where simulations to test different pricing and inventory optimization strategies—such as maximizing profit or reducing end-of-season inventory—result in better, more impactful decisions.

With deeper integration into Centric Market Intelligence, Centric Pricing & Inventory combines external (competitor) assortment, pricing and promotion specifics with internal information to ground strategy. The common, underlying taxonomy means users can compare ‘apples to apples’, making data organization seamless and intuitive.

Centric Pricing & Inventory’s stock rebalancing module boosts stock management for better profitability and delivers an enhanced shopping experience for consumers by ensuring the right products in the right place at the right time.

Centric Pricing & Inventory integrates with Centric Software’s wider end-to-end product management platform, servicing the pre- to in- to end-season product lifecycle.

“We know that these market-driven innovations to Centric Pricing & Inventory will improve the user experience, deliver greater accuracy in demand forecasting and price-setting, which ultimately results in margin gains,” says Chris Groves, CEO of Centric Software. “We are on top of consumer shifts and provide our retail and brand customers the tools to tackle the market head on.”

EON Reality Launches Next-Generation Team-Based Scenario Simulation

20 January 2025

EON Reality, the world leader in AI-assisted Virtual Reality and Augmented Reality-based knowledge transfer for industry and education, announced the launch of its latest offering, **Team-Based Scenario Simulation**—a breakthrough solution designed to transform how organizations train, collaborate, and develop critical soft skills in realistic, multi-participant virtual environments.

Reinventing Collaborative Role-Play

Building on EON Reality’s heritage of single-avatar simulations, this new product introduces **multi-user, highly immersive** role-plays. Learners step into shared virtual spaces, each taking on a specialized role—whether a doctor, first responder, board executive, or hospitality manager—to tackle complex challenges in real time. By mirroring authentic group dynamics and interpersonal pressures, Team-Based Scenario Simulation delivers:

- **Enhanced Realism:** Multiple participants collaborate or negotiate simultaneously, replicating the fast-paced decision-making of today’s workplace.
- **Faster Learning, Deeper Retention:** Immersive, hands-on experiences drive better knowledge transfer and long-term retention.
- **Improved Decision-Making:** Learners practice rapid problem-solving, conflict resolution, and leadership development under realistic conditions.
- **Scalable, Cross-Industry Use:** From healthcare and hospitality to corporate boardrooms and classroom settings, the platform adapts to any team-based scenario.

In tandem with this product launch, EON Reality has published a comprehensive **white paper** titled *Innovating Team Dynamics in XR Environments with EON Reality's Team-Based Scenario Simulation*. This in-depth study offers:

- A historical view of single-avatar role-play and its limitations.
- Insight into how multi-participant simulations foster stronger communication, soft skills, and technical acumen.
- Practical guidance on implementation, from technical requirements and onboarding to data security and performance analytics.
- Future outlook on AI-driven adaptivity, advanced character customization, and expansion to remote/hybrid learning environments.

“Team-Based Scenario Simulation is the next logical step in immersive training,” says Dan Lejerskar, Chairman of EON Reality. “We’ve learned that real-world challenges often involve multiple stakeholders working together under pressure. Our solution recreates these complex team dynamics, ensuring organizations and learners are truly prepared for the demands of modern workplaces.”

Driving Collaborative Excellence Across Industries

- **Healthcare and Emergency Response:** Strengthen coordinated medical interventions, crisis management, and patient-centered care.
- **Hospitality and Service:** Prepare front desk, concierge, and customer service teams for authentic high-pressure guest interactions.
- **Business and Corporate:** Elevate negotiation strategies, leadership skills, and boardroom decision-making in virtual multi-stakeholder settings.
- **Education and Academia:** Offer students immersive group projects, fostering teamwork, critical thinking, and global readiness.

With **Team-Based Scenario Simulation**, EON Reality reinforces its position as an innovator at the intersection of **extended reality** and **transformational learning**, providing an immersive, scalable platform that revolutionizes how teams learn, practice, and excel together.

EON TeachMentor™ Expands Teaching Potential Beyond Classroom Limits

16 January 2025

EON Reality, the world leader in AI-assisted Virtual Reality and Augmented Reality-based knowledge transfer for industry and education, proudly announces **EON TeachMentor™**, a cutting-edge solution that amplifies teachers’ capabilities by extending their presence and providing immersive, round-the-clock learning experiences. This next-generation platform, detailed in the white paper “EON TeachMentor™: Empowering Educators Beyond the Classroom,” enables educators to digitally replicate their expertise and teaching style into an AI-powered avatar, ensuring students benefit from personalized mentorship anytime and anywhere.

A Game-Changer for Educators Worldwide

Unlike traditional e-learning tools, **EON TeachMentor** leverages extensive personal data, academic content, and video recordings to create a lifelike avatar mirroring each educator's unique methodology, voice, and approach. By providing **24/7 availability**, this AI mentor enhances face-to-face interactions by handling routine questions and on-demand practice sessions, freeing the human educator to focus on deeper, more personalized engagements with students who need them most.

"Our mission is to support teachers in delivering high-quality instruction without time or location constraints," said Dan Lejerskar, Chairman of EON Reality. "**EON TeachMentor** serves as a genuine extension of faculty expertise—allowing them to reach more students, more effectively, and ultimately revolutionizing knowledge transfer."

Key Features and Advantages

- **Immersive 3D Simulations**
Backed by a **36 million+ 3D object library**, EON TeachMentor enables educators to instantly create experiential simulations. These simulated environments engage learners with real-world practice scenarios under the guidance of a virtual mentor.
- **AI Mentor with a Personal Touch**
Each avatar replicates not just the educator's knowledge but also their **unique pedagogical approach**, ensuring consistent teaching quality while retaining the human feel in AI-driven learning.
- **Scalable 24/7 Support**
Students gain **round-the-clock** access to the educator's expertise—enabling frequent Q&A sessions, one-on-one learning, and personalized feedback across different time zones and schedules.
- **Automated Workflow**
A network of **32 specialized agents** handles everything from avatar creation and lecture generation to performance assessments. This seamless automation extends each faculty member's reach without increasing their workload.

Transforming the Role of Teachers

By handling routine and repetitive tasks, **EON TeachMentor** allows teachers to concentrate on what they do best—mentoring, innovating, and inspiring. Large class sizes no longer limit one-on-one attention, and distance learning becomes truly interactive.

This technology empowers educators to remain central to the learning process. The platform replicates a teacher's unique style, knowledge, and even personality, enabling them to provide virtual guidance to students as if they were present in the classroom.

Benefits for Institutions and Learners Alike

1. **Enhanced Competitive Edge**
Institutions showcase their unique faculty expertise through immersive, virtual content—attracting and retaining more students globally.

2. Efficient Scaling

Allows more students to receive personalized attention, simplifying large-class management without compromising quality.

3. Virtual Campus Development

Academic organizations can extend learning beyond the physical classroom, offering dynamic, on-demand mentorship to remote learners or satellite campuses.

MariaDB Announces New Release of Its Enterprise Platform with Introduction of Vector Search for AI Application Development

16 January 2025

MariaDB plc announced the general availability of MariaDB Enterprise Platform 2025, the latest major release of its enterprise database solution. With this release, MariaDB customers have a single, complete database solution that supports a full range of transactional, analytical, semi-structured and now, artificial intelligence (AI) applications. The MariaDB database has been downloaded over a billion times and is used extensively across both small and large organizations across the globe for endless use cases including banking, flight operations, 5G, prescription management and the public sector. By extending the MariaDB database with native open source vector search capabilities, organizations adopting MariaDB can leverage the same database solution and skill set to advance their AI initiatives.

“MariaDB is known for its versatility, and that’s a core part of our focus for MariaDB Enterprise Platform 2025,” said Vikas Mathur, chief product officer, MariaDB plc. “Bringing vector search natively to the database server lets customers extend the same database they’re already using throughout their organization to new AI applications. We’ve also prioritized peace of mind for our enterprise customers with this release, adding tools to make upgrading versions a breeze.”

MariaDB Enterprise Platform 2025 includes updated versions of its core database, MariaDB Enterprise Server 11.4, its advanced database proxy, MariaDB MaxScale 25.01, and tools and support that deliver peace of mind for organizations running mission-critical applications.

New Vector Search Extends the Versatility of MariaDB

The adoption of AI and machine learning (ML) in the enterprise is rapidly increasing. A July 2024 survey from EY revealed that AI investments are set to double, but found that many companies are failing to invest in necessary infrastructure. Core infrastructure like vector databases have proved crucial for building AI-powered applications based on large language models (LLMs) such as OpenAI’s GPT-4, Google’s Gemini and Anthropic’s Claude. While a growing set of vector database solutions exist, adopting a completely new vector database or plugin adds significant operational and technological complexity.

MariaDB Enterprise Platform 2025 introduces new native vector search capabilities within the core database engine that are 100% open source. Vector search enables searching unstructured data by value and by semantics without the need to integrate multiple databases or compromising your system’s reliability or security. It can also help LLMs deliver more accurate

and contextually relevant results using retrieval-augmented generation (RAG) on enterprise data.

Using MariaDB's approach to vector search, our customers and organizations are enabled to keep their database stack simple. Leveraging their existing MariaDB database, customers eliminate the need to maintain separate vector databases. MariaDB's use of vector embedding is native and not an add-on capability, which simplifies management and allows for a seamless integration with existing SQL operations. Benchmarks of MariaDB's vector search capabilities show that it outperforms PostgreSQL's pgvector by 1.5x for queries per second (QPS) and 2x on index creation time.

MariaDB Enterprise Platform delivers versatility not found in other database solutions, with support for transactions, analytics, semi-structured data and now vector search for AI applications. In addition to vector search, this release expands JSON support with new functions that make working with JSON data more intuitive and efficient. These new functions cover everything from basic operations to advanced data manipulation.

Upgrade with the Ultimate Peace of Mind

MariaDB Enterprise Platform 2025 adds critical features that enable enterprises to evaluate potential impacts on performance or stability with a new database version before upgrading in a production environment. Workload capture and replay, a new feature in MaxScale, allows customers to capture the workload of a production system, such as queries, sessions and transactions, and replay them in a test environment. The captured workloads can be used to verify that upgrades of the MariaDB database behave as expected and to measure the effects configuration changes may have.

Optimize for Modern Hardware

MariaDB Enterprise Platform 2025 has a revamped optimizer in the database engine which incorporates a granular and refined cost model that takes into account state-of-the-art SSD disks and different characteristics of storage engines. Now, MariaDB's database can fully leverage the lower latency and high throughput offered by modern storage devices, automatically choosing the fastest execution plan for complex queries.

Enhancements for Enterprise DBAs

MariaDB Enterprise Platform 2025 adds several new features for database administrators (DBAs) that make managing the database even easier, including:

- **Reduced operational downtime** with a new online schema change feature that allows for a non-locking ALTER TABLE built into the server, which enables writing to a table while the ALTER TABLE is running.
- **Improved efficiency** with a new optimistic ALTER TABLE for replication that greatly reduces replication lag by making ALTER TABLE operations two phased operations.

- **Enriched enterprise-class protection with new security features** that enable TLS encryption by default, add more granular privileges and introduce a new plugin to prevent reuse of old passwords.
- **Enhanced partitioning management** with new operations like converting partitions to tables and vice versa, and new enhancements to managing system versioning partitions, making database maintenance more flexible and efficient.

This release comes on the heels of new leadership and management announcements over the last four months, including a take-private transaction by K1 Investment Management, one of the largest investors in small-cap enterprise software companies, and new CEO Rohit de Souza, new chief product officer Vikas Mathur and new chief revenue officer Mike Mooney.

Siemens elevates automotive and aerospace simulation with new Simcenter updates

20 January 2025

Siemens Digital Industries Software announced today the latest update to its Simcenter™ portfolio, delivering advancements in aerostructure analysis, electric motor design, gear optimization, and smart virtual sensing. These enhancements are designed to streamline workflows, accelerate certification, and provide deeper insights into system performance.

“These updates empower engineers to meet the evolving challenges of electrification and advanced air mobility,” said Jean-Claude Ercolanelli, senior vice president, Simulation and Test Solutions, Siemens Digital Industries Software. “We’re delivering tools that drive innovation, improve efficiency and support a more sustainable and connected future. Our Simcenter portfolio is transforming engineering simulation.”

Key updates and benefits:

Integrated Aerostructure Analysis: Simcenter automates the creation of free-body diagrams and margin of safety (MoS) calculations, accelerating certification schedules by 20 percent. Engineers can now evaluate load paths across aircraft models and perform full-envelope MoS analysis without the need for costly in-house tools.

Axial flux motor simulation: Simcenter enables faster design and simulation of compact, high-power-density motors. Engineers can quickly create lightweight designs using Siemens’ Simcenter™ E-Machine Design software, then transition seamlessly to 3D simulations in Siemens’ Simcenter™ 3D software for comprehensive electromagnetic, thermal and mechanical performance assessments.

Gear Design Optimization: Simcenter introduces lightweight gear blank parameterization and an optimization framework to improve gearbox noise, vibration and harshness (NVH) performance. These tools help reduce late-stage design changes and streamline the development cycle.

Extended Smart Virtual Sensing: Simcenter expands capabilities to include rigid body motion sensors and damage assessment tools, providing insights into the durability and remaining useful life of machines even in challenging test environments.

Simulation efficiency and collaboration: Speeds up additive manufacturing simulations by a factor 200 percent with voxel mesh improvements and enhances collaboration with centralized model data and streamlined load and boundary condition transfers.

Sigmetrix CETOL v12 3D Tolerance Analysis Software Now Available!

20 January 2025

Sigmetrix, experts in mechanical variation management, announced their latest release of CETOL 6 σ tolerance analysis software, version 12.0, is now available for immediate download. Tolerance analysis benefits businesses in many ways. It helps improve profitability by balancing quality with manufacturing cost. Companies can also realize faster time to market by reducing the need for additional design and prototype cycles. Finally, it allows companies to gain confidence in their product and process decisions before making costly investments.

CETOL 6 σ enables product development teams to understand the often-complex impact of dimensional and assembly variation easily and fully on their designs. This knowledge enables them to make the proper adjustments before problems appear in manufacturing or, even worse, in their customers' hands. Users of all expertise levels will appreciate the multiple levels of assistance available within the software. This new release of CETOL 6 σ builds upon the powerful features already in place and adds many improvements, including:

- **A New Version of the Software Directly Integrated with Siemens NX-** CETOL 6 σ users will now have the option of using CETOL 6 σ as an add-in application within the NX environment, supporting the additional capabilities of saving the CETOL 6 σ data embedded within the NX files as well as automatically pushing changes to linked tolerance values back to the PMI in NX. The standalone version of CETOL 6 σ for NX is still available as well to facilitate migration to the new solution, as data from the standalone version may be opened in the new, integrated version.
- **Select Auxiliary Features for Other Conditions** – Auxiliary Features, functionality first added in 3, may now be referenced to modify the location of measurement endpoints, to modify the location of a joint, or to modify the location of a feature origin.
- **Reset Joint DOFs** – CETOL 6 σ has applied an algorithm to automatically set degree-of-freedom controls for joints being imported or manually added based on the order in which they are added. Adjusting the setting when the order wasn't correct, though, is now much faster with this new context menu option.
- **Add Geometric Tolerance Context Menu Option** – This provides the user the convenience of adding a geometric tolerance directly from the context menu for the feature in addition to the standard tool in the ribbon.

- **Upload to VariSight** – Uploading data to VariSight, a new, enterprise-level product for the managing CETOL 6 σ data files schedule to be released later this year, is now supported directly within the application.

As with prior releases, CETOL 6 σ v12.0 is available in English, Japanese, and Simplified Chinese.

Sigmetrix Director of Customer Success and Product Strategy, Stephen Werst, commented, "CETOL 6 σ v12.0 is a significant step forward for Sigmetrix as we strive to achieve feature parity across all supported CAD platforms, continue to make the software easier to use, and prepare for the upcoming release of our newest product, VariSight. This release, along with improvements in our entire product portfolio, continues our unrelenting efforts to help companies build better products through mechanical variation combination of software management via a robust, training, and consulting services."

If you'd like to see a short demo of the newest version of CETOL 6 σ in action, make sure to be on the lookout for our overview video.

Sigmetrix's comprehensive, integrated portfolio includes other products and services including:

- **CETOL 6 σ** , a 3D tolerance analysis solution that works directly with NX, SOLIDWORKS, PTC Creo and CATIA V5-6 models.
- **EZtol**, a 1D tolerance analysis software that works directly with NX, SOLIDWORKS, and CATIA V5-6 models. The same technology is used in PTC Creo's EZ Tolerance Analysis (EZTA) tool and Autodesk Inventor's Tolerance Analysis tool.
- **GD&T Advisor**, an interactive tool that provides expert guidance on the correct application of GD&T within the PTC Creo and Autodesk Inventor environments.
- **Training** provided through more than a dozen instructor-led and computer-based courses covering basic to advanced GD&T/GPS, MBE, tolerance analysis, and instructional courses for software developed by Sigmetrix.
- **Consulting and implementation** services team with years of experience in tolerance analysis and GD&T definition offers a variety of consulting services to augment your team, speed your project along and run analyses for your assemblies.

Tacton Launches Connect to Anything, Powered by Workato, Simplifying Integration for Manufacturers

21 January 2025

Tacton, a global leader in Configure, Price, Quote (CPQ) software and leading SaaS platform simplifying sales and configuration processes for manufacturers of complex products, announced the launch of its Connect to Anything integration capability, powered by Workato, the leading enterprise orchestration platform. This innovative solution transforms how manufacturers integrate Tacton CPQ into their digital ecosystems, enabling seamless connections to over 600 enterprise applications, including CRM, ERP, PLM, PIM, and analytics tools.

Manufacturers often face costly inefficiencies from data silos and integration roadblocks as IT teams struggle to keep pace with complex connections. The stakes are high: poor data quality costs organizations an average of \$12.9 million annually, according to Gartner's® 2020 Magic Quadrant™ for Data Quality Solutions. Connect to Anything solves this challenge by making it simple to connect data across applications without heavy reliance on IT. With pre-built connectors, reusable recipes, and a no-code approach, Tacton empowers manufacturers to eliminate silos, streamline workflows, and accelerate their digital transformation journey.

“As manufacturers embrace digital transformation, seamless integration across systems has become mission-critical,” said Jesper Alfredsson, Chief Product Officer, Tacton. “Connect to Anything simplifies this process by enabling manufacturers to unify their digital ecosystems, reduce IT dependency, and achieve faster, smarter operations that drive tangible business outcomes.”

With Connect to Anything, manufacturers can:

- **Simplify Integration:** Seamlessly connect Tacton CPQ to essential systems with pre-built connectors and no-code recipes.
- **Accelerate ROI:** Achieve faster implementation and operational efficiency with reduced dependency on IT.
- **Maximize CPQ Value:** Unlock greater returns from CPQ investments with integration capabilities available from the start of implementation.

Connect to Anything brings together unmatched innovation through this partnership. Tacton has been recognized as a Leader in the Gartner® Magic Quadrant™ for CPQ Applications, while Workato is a Leader in the Gartner® Magic Quadrant™ for Integration Platform as a Service (iPaaS). Together, these industry leaders deliver a powerful solution that helps manufacturers simplify integrations, optimize workflows, and scale operations seamlessly.

“We are thrilled to partner with Tacton, providing manufacturers with seamless integration capabilities that accelerate their journey towards smart factories,” said Nam Le, General Manager of Workato's Embed Business. “This collaboration exemplifies how leaders in their respective industries can drive powerful outcomes for manufacturers. By embedding Workato's no-code platform into Tacton CPQ, manufacturers gain unmatched flexibility and efficiency in connecting and optimizing their digital ecosystems. Together, we're empowering manufacturers to build connected, agile operations that deliver real business value.”

Connect to Anything is available now for manufacturers looking to simplify and accelerate their digital transformation.

VOLTA and modeFRONTIER 2025R1 out now

20 January 2025

The new VOLTA and modeFRONTIER 2025R1 release is now available. VOLTA redesigned Data Manager for a cleaner and more intuitive user experience, with new features that simplify data

interaction. modeFRONTIER introduces a multi-fidelity modeling tool that integrates metamodels of varying complexity.

Release highlights

New multi-fidelity RSM tool in modeFRONTIER: bridge the gap between rapid computation and high accuracy

The multi-fidelity response surface models (RSM) tool allows you to combine data from different sources, sizes, and fidelity into a single metamodel training. You can now create more accurate RSM by integrating knowledge extracted from high-fidelity simulations with low-fidelity data which are quick to generate but may lack precision. This approach minimizes computational costs by not relying on high-fidelity simulations exclusively, yet still benefit from their precision.

Redesigned Data Manager in VOLTA

The VOLTA Data Manager comes with a more intuitive and user-friendly interface. These enhancements not only improve the overall user experience but also establish a solid foundation for a more robust architecture, guaranteeing a more efficient, faster, and scalable platform for the future.

You can now take advantage of multiple selection using keyboard shortcuts, simplifying the process of managing files. The addition of drag-and-drop functionality enables you to easily upload files and move items between folders with minimal effort. With the right-click feature, you can quickly access the item actions menu, enhancing navigation and efficiency. In addition, the newly introduced shortcuts allow you to quickly access frequently used items without having to create copies.

VOLTA Modeler: import BPMN files from third-party software

VOLTA now offers the capability to import business process model and notation (BPMN) workflows, that have been modeled using third-party software, directly into the VOLTA Modeler environment. This functionality not only enhances your efficiency by eliminating the task of manually recreate models from scratch but also streamlines your workflow, ultimately saving your valuable time.

What's new in PowerPack for Vault 2025.2

21 January 2025

GRAITEC PowerPack for Vault is a powerful extension designed to enhance Autodesk Vault with automation and data management capabilities. With this latest update, we've introduced new features and enhancements – shaped by user feedback – to streamline your workflows, particularly in managing email communications, offering even greater flexibility and control.

This update ensures full compatibility with Autodesk Vault Client 2024 and 2025, so you can seamlessly integrate the latest tools into your projects.

