PLM Industry Summary

Editor: CIMdata News Team
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Scalable Digital Manufacturing Forum - a CIMdata Commentary

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Enabling U.S. National Security Objectives Through an End-to-End Digital Sustainment Platform

Key Takeaways

- The U.S. Defense Industrial Base (DIB) has been shrinking for decades and is now projected by September 2025 to have decreased by 58%.
- Small and Medium Manufacturers (SMMs) make up the majority of the DIB and those left are struggling to maintain profitable operations and meet continually increasing regulations.
- The DIB must support a globally deployed war fighter, this represents the largest and most complex sustainment problem, managing weapon systems, vehicles, aircraft, ships, and all materials fielded by the DoD with life spans approaching 100 years.
- RGBSI A&D's Digital Sustainment Platform® is a fully integrated, cloud-based DoDI 5000.97 Digital Engineering compliant platform designed, developed, and delivered in partnership with the U.S. DoD to provide scalable digital engineering and model-based manufacturing capabilities globally to enable U.S. National Security objectives to modernize and secure the defense industrial base.

CIMdata attended The Scalable Digital Manufacturing Forum sponsored by the U.S. Defense Logistics Agency (DLA) and the U.S. Office of the Assistant Secretary of Defense (OASD) held at the Connecticut Center for Advanced Technologies (CCAT) on February 25, 2025, in East Hartford, CT.[1] The event was presented by RGBSI Aerospace & Defense (RGBSI A&D) in a collaborative partnership with CCAT.

The forum was held to showcase how RGBSI A&D with its Digital Sustainment Platform is positioned at the forefront of scalable digital manufacturing capabilities—engineering, manufacturing, product quality, and supply chain—needed to secure U.S. National Security objectives at home and abroad. This forum provided the roughly 80 attendees, from the DLA, DoD, major A&D OEMs, regional small and medium manufacturers, regional political leaders, and various solution providers and consultants, insight into the art and science of digital manufacturing from model-based requirements generation through product development using the RGBSI A&D Digital Sustainment Platform (DSP) suite of integrated capabilities.

CCAT is a dynamic applied technology and training organization, empowering global industrial companies and the manufacturing supply chain to drive innovation, improve efficiency, and adopt cutting-edge technologies.

RGBSI A&D is an SBA-certified Woman Owned Small Business with specialized experience and expertise in advanced and additive manufacturing, artificial intelligence, digital engineering, digital factory (I5.0), digital twin/digital thread, model-based engineering, model-based

enterprise, model-based manufacturing, and value-added engineering supporting the entire product development lifecycle from concept, requirements traceability to sustainment engineering, supply chain, and quality.

CIMdata greatly appreciated the invitation to attend and see in-person the RGBSI A&D DSP solution demonstrated through a series of purpose-built use cases to support U.S. National Security sustainment, including state-of-the-art 3D printing and machining that can be deployed at the forward edge of field operations.

Mr. Paul Hartman, Ph.D., RGBSI A&D, president, kicked off the forum by introducing the sponsors Mr. David Koch, Director, Research and Development, Defense Logistics Agency and Mr. John Shultz, Chief of Operations, Office of the Assistant Secretary of Defense for Industrial Base Policy. Unfortunately, Mr. Shultz was not able to attend. Mr. Shultz did share his viewpoint in the forum guide, "The RGBSI A&D Digital Sustainment Platform provides secure technology-enabled digital engineering and manufacturing capabilities core to revitalizing the U.S. Defense Industrial Base."

Followed by Dr. Jacquelynn Garofano, Ph.D., CTO of CCAT, who partnered with RGBSI A&D to provide their education and advanced manufacturing center facilities for the forum and include the use of their 3D printers and machining tools. "CCAT was thrilled to partner with RGBSI A&D to host the Scalable Digital Manufacturing Forum at our Advanced Technology Center," shares Dr. Garofano. "Our mission at CCAT is to accelerate the growth, modernization, and stabilization of the defense industrial base by derisking and democratizing technology adoption, especially for small and medium manufacturers (SMMs), critical suppliers in the digital fabric of our nation's security. Our strategic partnership with RGBSI A&D allowed us to showcase live their Digital Sustainment Platform solution of ready to deploy use cases enabling scalable digital manufacturing available to our regional ecosystem participants, SMMs, OEMs and defense department sponsors."

Mr. David Koch provided a short description of the challenges the DLA faces to modernize and maintain the defense industrial base. He communicated that the DLA needs to modernize the way they think and operate to support both legacy and new technical data and engineering capabilities. They wish to improve the way they move engineering and manufacturing information back-and-forth between military services, manufacturing contractors, and overseas sustainment operations, all to support the war fighter. He expressed his excitement of what the forum would demonstrate and how important such capabilities are to be able to globally and rapidly deploy to improve support for the war fighter in the U.S. and abroad. Mr. Koch shared, "The Digital Sustainment Platform has been collaboratively developed in partnership by RGBSI A&D with OSD, DLA, Military Services, and Industry Partners to provide secure digital engineering and model-based manufacturing applications and services at home and abroad." Dr. Paul Hartman further elaborated on the challenges of maintaining the U.S. defense industrial base expected to shrink further to 58% by end of September 2025. Our diminishing manufacturing base, made up of largely SMMs has critical impact on our ability to meet our increasing supply chain and manufacturing needs. He commented that doing business with the government has become less profitable and more arduous with increased regulations,

incomplete technical data packages, and collaboration challenges. RGBSI A&D has a proven track record solving difficult engineering and manufacturing challenges. They have for many years contracted with the DoD to address digital and intelligence research on future technologies such as Chinese drone swarm technology and what the future of digital engineering and manufacturing environment will be. This research and prototype work has led to the development of the RGBSI A&D DSP.

The RGBSI A&D DSP was designed, developed, and delivered in partnership with the Office of the Assistant Secretary of Defense for Sustainment, the Defense Logistics Agency, and Military Services through the Small Business Innovative Research (SBIR) program.

The RGBSI A&D DSP, as shown in the figure below, is a fully integrated cloud-based DoDI 5000.97 Digital Engineering compliant platform providing standards-based approaches (e.g., MilStd 3100B Technical Data Packages) to achieve U.S. industrial base digital manufacturing objectives. The RGBSI A&D DSP includes scalable, secure enablement of deployable manufacturing capabilities to operate at the forward edge of any contested or uncontested operating environment. It is currently being deployed by RGBSI A&D for the OSD (A&S) Advanced Manufacturing Edge Pathfinder program and others.

RGBSI A&D Digital Sustainment Platform (DSP)
(Courtesy of RGBSI)

RGBSI A&D presented an Advanced Manufacturing journey starting with the secure sharing of Technical Data Packages (TDPs) for an oxygen tank assembly from Warner Robins Air Logistics Center and an Aircraft OEM, with DSP ensuring compliance with security and IP protection standards throughout. All data discussed for demonstration were intended to showcase how DSP has been configured for CMMC compliance to meet or exceed the robust protocols for managing DoD technical data and meeting IP licensing rights of OEMs. The platform integrates data from various sources, including 2D drawings, Mil-specs, and industry standards, and

streamlines the process of transforming traditional 2D data into 3D CAD models through "Engineering as a Service."

DSP's end-to-end digital engineering management and digital thread/twin capabilities address many of the needs expressed by DLA including the use of DSP Connectors enabling CAD data management, 3D printing applications, AR virtual inspection, and data integration tools supporting efficient collaboration and real-time decision-making across the defense industrial base.

The demonstration included purpose-built use cases using DSP-enabled connected and disconnected/remote environments to enable Advanced Manufacturing at the Edge for Forward Deployed Operations. Starting with securing and sharing technical data at Warner Robins Air Logistics Center and with OEM engineers, DSP-enabled processes also supported securing and sharing IP-controlled OEM technical data for licensing and procurement, building a procurement-ready technical data package with all required documentation, and reviewing the Engineering Support Request (ESR). The DSP also supports licensing OEM proprietary data via a license agreement, confirming the 2D technical data package, and based on a remote sustainment request via ESR and relevant technical data owner approval, the technical data was remastered into 3D CAD models with appropriate production instructions for advanced manufacturing. Remastering CAD engineering and manufacturing planning work was previously performed by RGBSI A&D engineering as a service using DSP. These purpose-built solutions demonstrated by DSP address significant challenges of the global defense sustainment environment greatly reducing time, cost and readiness.

The advanced manufacturing machines at CCAT used during the demonstration included 3D printers and a CNC machining tool. Manufacturing work instructions and machine-specific CNC and DSP additive manufacturing reviews were performed including 3D-printing G-code creation. Using a Starlink network and DSP running entirely on a rugged PC laptop, TDPs and production instructions were accessed, and 3D printing was launched on two 3D printers installed on the back of an Army Humvee with remote video monitoring. The completed productions were reviewed via visual inspection with video capture using a tablet, recording results and validating parts for approval and deployment all connected to the local DSP. In conclusion, an Augmented Reality demo using a third-party viewing application on a tablet was used to validate critical dimensions and features of the 3D printed parts. This series of demonstrations highlighted clear examples of how DSP can support modernizing defense sustainment while improving readiness and capabilities at the forward edge where connectivity challenges and external factors must be addressed to deliver onsite rapid production solutions.

Concluding Remarks

RGBSI A&D demonstrated their Digital Sustainment Platform with a focus on how it facilitates a seamless, secure, and efficient process for managing and sharing technical data across DoD sustainment, OEMs, and the defense industrial base. CIMdata believes they were successful at this forum and were able to demonstrate DSP's capabilities in various connected, disconnected, and remote environments without missing a beat.

RGBSI A&D showcased well how their DSP solution suite integrates various 3rd-party applications and a proven digital thread platform to deliver an end-to-end digital sustainment platform solution that addresses many of the challenges expressed by DLA, military services, OEMs, sustainment operators, depots, and small and medium manufactures.

It was particularly impressive to watch as DSP, operated entirely on a rugged PC laptop with a completely remote environment from CCAT using a Starlink connection, could 3D print components, simulating operations at the edge of the battlefield for forward deployed military services, under a camouflage tarp on the back of an Army Humvee and yet still could adjust the slicing program to account for external manufacturing factors to produce the right part as required. Once the 3D printing was completed and the part validated, the 3D print data was removed from the printer and the local DSP instance to provide IP protection.

Another key aspect communicated by RGBSI A&D with their DSP solution is the access to real-time engineering services showing how they can take legacy 2D technical data (drawings) and create 3D models with OEM IP approval to deliver advanced manufacturing assets and instructions requested by remote sustainment personnel.

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[1] Research for this paper was partially funded by RGBSI A&D.

Acquisitions

Accenture Acquires TalentSprint to Expand LearnVantage's Capabilities in Developing Future-Ready Talent for Enterprises and Governments

23 April 2025

Accenture has acquired TalentSprint, a leader in deep tech education, from NSE Academy Ltd., (a wholly owned subsidiary of National Stock Exchange of India Limited (NSE)). TalentSprint offers transformational learning programs to emerging and experienced professionals in partnership with top-tier academic institutions and leading enterprise technology providers. The acquisition will bolster Accenture LearnVantage's ability to drive growth through key university certifications and high impact bootcamps, creating trained talent pools for enterprises and governments.

Founded in 2009, TalentSprint has consistently been at the forefront of talent development, empowering professionals with future-ready skills. Over the past 15 years, the company's deep collaborations with leading enterprise technology providers and prestigious academic institutions, including the Indian Institutes of Management (IIMs), Indian Institutes of Technology (IITs), International Institutes of Information Technology (IIITs), and globally renowned research institutions, ensure its programs remain industry relevant and deliver high-impact learning outcomes.

With headquarters in Hyderabad, India, and with offices in Sunnyvale, California, TalentSprint's team of approximately 210 professionals will join Accenture LearnVantage. This will strengthen

LearnVantage's capabilities to help organizations reshape their workforce through upskilling, reskilling and preparing them for an AI-powered world.

TalentSprint delivers its programs through bootcamps, certifications, and e-degrees, catering to learners across different career stages to build expertise in disruptive technologies and new-age management domains. Its programs span diverse areas, including AI, data science, cybersecurity, chip design, semiconductor technologies, digital transformation, sustainability, leadership, and other areas of management, equipping learners to be future-ready.

"TalentSprint's end-to-end delivery capabilities of focused learning programs provide a competitive value proposition for learners and enterprises alike, making it a great fit for our expanding LearnVantage business," said Kishore Durg, global lead of Accenture LearnVantage. "The addition of TalentSprint further boosts our ability to meet our clients' demand for training, helping their people gain the essential technology skills in emerging areas needed to reinvent their organizations and achieve greater business value."

The acquisition of TalentSprint complements Accenture's recent investments in Udacity and Award Solutions, and aligns with the company's $1 billion investment in LearnVantage over three years, announced in early 2024. A comprehensive technology learning and training service, LearnVantage helps clients become "talent creators" with people at the center of their reinvention using technology, data, and AI.

Commenting on the acquisition, Ashishkumar Chauhan, Managing Director & CEO, NSE said, "This transaction underscores NSE's strategic focus on its core business while divesting from non-core business areas. This acquisition is a testament to the exceptional quality and potential of the business that NSE has built over the years."

"Since inception, our mission has been to equip learners with deep expertise for a disrupted world," said Anurag Bansal, Managing Director and CEO of TalentSprint. "Joining forces with Accenture LearnVantage allows us to scale our impact, delivering cutting-edge technology and next-gen management programs that are valued and trusted by students, professionals, organizations, and governments alike."

Main Capital Partners acquires software provider Trace One from STG

23 April 2025

Main Capital Partners ('Main'), Trace One, and STG Partners, LLC ('STG') are pleased to announce Main's strategic acquisition of Trace One, a premier SaaS leader in Product Lifecycle Management (PLM) and compliance software, from its previous principal owner, STG. This landmark transaction marks Main Capital's inaugural platform investment in France, following the recent opening of its Paris office in February 2025.

Founded in 2001 and headquartered in Paris, Trace One has emerged as a powerhouse in delivering innovative PLM and compliance solutions tailored to the food & beverage, cosmetics & personal care, and chemical industries. Trusted by over 9,000 global brands—including industry giants such as Carrefour, Cargill, Barilla, Nestlé, and Ahold Delhaize—Trace One's

robust platform simplifies complexity, enhances collaboration, and optimizes every phase of the product lifecycle, from ideation to market launch.

Trace One's proven experience and commitment to excellence enable companies worldwide to accelerate growth, improve sustainability, and consistently meet rigorous standards of quality and compliance. With an international team of 500 employees operating across 15 countries, Trace One boasts the scale and reach to support a prestigious, global customer base.

This acquisition underscores Main Capital's strategic ambition to invest in innovative, market-leading B2B software companies, positioning Trace One for continued expansion, enhanced innovation, and accelerated global impact. Managing Partner Sven van Berge, who is leading the Business Transformation and Manufacturing product-markets at Main Capital will chair the Supervisory Board of Trace One.

Under STG's ownership, Trace One achieved impressive international expansion, highlighted by the strategic milestone acquisition of Selerant in March 2022. In the next chapter of growth, Main Capital and Trace One will collaborate to further elevate the company's global presence, deepen expertise in existing markets, explore new industry verticals, and expand their product suite with innovative, complementary solutions. Leveraging Main Capital's specialized experience in international buy-and-build strategies, this partnership will accelerate Trace One's growth and innovation, reinforcing its commitment to delivering unmatched value to customers worldwide.

Jonas Kruip, Co-Head of Main France said: "The investment in Trace One holds great strategic value for Main, marking the first French platform investment after opening the Paris office earlier this year. Trace One furthermore fits in one of our core product-markets. Trace One has a strong market position as a verticalized PLM software provider with a highly international profile and particularly experiencing strong momentum in the US. We are highly enthusiastic about the opportunities we see together with the management team to further internationalize the company, expand into adjacent verticals and focus on continuous product innovation in which a selective international buy-and-build strategy will play a significant role."

Christophe Vanackère, CEO of Trace One, added: "Our new partnership with Main Capital represents a significant milestone in Trace One's growth journey. With our global vision reinforced, we remain deeply committed to expanding internationally and investing in industry-leading innovations that elevate customer experience. By empowering all brands to accelerate their digital transformation, we help them consistently deliver greater value and maintain their competitive edge in an increasingly dynamic market."

Nothing contained in this Press Release is intended to project, predict, guarantee, or forecast the future performance of any investment. This Press Release is for information purposes only and is not investment advice or an offer to buy or sell any securities or to invest in any funds or other investment vehicles managed by Main Capital Partners or any other person.

Nano Dimension Announces Closing of Markforged Acquisition

25 April 2025

Nano Dimension Ltd. (“Nano Dimension” or the “Company”), a leader in Digital Manufacturing solutions, announced the completion of its acquisition of Markforged Holding Corporation ("Markforged"), proving the Company a strong foothold in metal and composite manufacturing solutions and a leap forward in AI-enhanced manufacturing. The transaction, valued at $116 million or $5.00 per share, was finalized following necessary regulatory approvals and satisfaction of customary closing conditions.

Mr. Ofir Baharav, Chief Executive Officer of Nano Dimension, commented: “Nano Dimension remains firmly committed to its vision: building a preeminent digital manufacturing leader. Completing the Markforged acquisition is a major milestone in fulfilling that vision. With proven metal and composite solutions that tightly integrate hardware, cloud-based AI-enhanced software, and materials science, Markforged has played a critical role in manufacturing on factory floors worldwide. Its install base of over 15,000 systems across leading industrial customers can serve as a strong platform for expanding Nano Dimension’s reach. While Markforged solutions have achieved nearly 50% gross margin, we will continue to take clear, decisive steps to drive profitability and strengthen our capital position in the quarters ahead.”

Accelerating Leadership in Production Line Manufacturing

With this acquisition, Nano Dimension significantly enhances its position in the design-to-manufacturing of high-performance, high-value metal and composite parts directly where they matter most - on the manufacturing floor. Markforged is a leader not only in exceptional manufacturing systems and materials science, but also in cloud-based services and machine learning based AI manufacturing. AI enhancements uniquely address a critical manufacturing imperative: the precise and consistent replication of designed parts on the production line. Nano Dimension is committed to rapidly integrating and deploying these cutting-edge capabilities across its extensive portfolio of digital manufacturing solutions.

Markforged’s 15,000+ systems are deployed at global leaders across key industries including aerospace & defense, automotive, consumer electronics, industrial automation, and medical technology, along with government organizations. Their premium solutions have become critical for rapid manufacturing, re-shoring, supply chain resilience, IP security, and sustainability.

In 2024, Markforged generated over $85 million in annual revenue with non-GAAP gross margins of approximately 50%.

Leadership’s Continued Focus

As announced on March 26, 2025, Nano Dimension launched a comprehensive strategic assessment, with a particular focus on its core business and recent acquisitions. This effort reflects our commitment to delivering shareholder value through a strategy centered on:

- Maintaining Financial Strength: Ensure a robust capital base.
- Driving Profitable Growth: Focus on products and services based on innovative technology with a growth outlook that can deliver financial results.

- Growing Margins: Achieve economic efficiencies in manufacturing, operations, supply chains and information systems.
- Building Indispensable Customer Partnerships: Deliver solutions that make Nano Dimension a critical manufacturing partner.

Appointment of New Chief Financial Officer

Assaf Zipori, who has been Chief Financial Officer of Markforged, was appointed as Nano Dimension's new Chief Financial Officer on April 24, 2025 .

Company News

Autodesk announces appointment of two independent directors

24 April 2025

Autodesk, Inc. announced that it will appoint Jeff Epstein and Christie Simons to its Board of Directors (the "Board") in connection with a cooperation agreement with Starboard Value LP ("Starboard"). Epstein and Simons will serve as non-voting observers on the Board until Autodesk's 2025 Annual Meeting of Stockholders on June 18, 2025 (the "Annual Meeting"), at which point they will become full voting members upon their appointment to the Board. Following the Annual Meeting, the Autodesk Board will be comprised of 12 directors, 11 of whom are independent.

"Jeff and Christie are both exceptional leaders who bring a wealth of technology, finance and audit expertise," said Stacy J. Smith, Chairman of the Autodesk Board of Directors. "Jeff's proven leadership and oversight of financial operations and extensive public board service, coupled with Christie's deep experience advising global technology companies, will further strengthen the skillset of our Board. Their insights will be valuable as we continue to execute our industry cloud, platform and AI strategies to deliver strong business performance and create shareholder value. We are pleased to add Jeff and Christie as part of our ongoing board enhancement and to have reached a constructive agreement with Starboard, which we believe is in the best interest of Autodesk shareholders."

"We invested in Autodesk based on our belief that it is a pioneer in design software with an opportunity to improve profitability and create significant value. We appreciate the constructive dialogue we have had with the Board and management team, and we are excited about the appointment of Jeff and Christie to the Board," said Jeff Smith, Managing Member, Chief Executive Officer, and Chief Investment Officer of Starboard. "Jeff and Christie will bring valuable perspectives to Autodesk's Board, helping oversee the Company's strategy to drive enhanced profitability. We look forward to our continued engagement with Autodesk's Board and management team towards our collective goal of long-term shareholder value creation."

Autodesk and Starboard have entered into an Information Sharing and Discussion Agreement to facilitate ongoing collaboration towards the goal of driving sustainable value creation for all shareholders.

In addition to the Board appointments, as part of the cooperation agreement, Starboard will withdraw its director nominees and has agreed to customary standstill, voting and other provisions. The full agreement will be filed as an exhibit to a Form 8-K with the U.S. Securities and Exchange Commission.

Jeff Epstein is an Operating Partner and Head of Corporate Development at Bessemer Venture Partners, where he leads the CFO Council and advises portfolio companies across Bessemer's $20 billion portfolio on finance and strategy. He is the former EVP and CFO of Oracle, where he led global finance for one of the world's largest and most profitable technology companies, with a market value of over $150 billion. Jeff previously served as CFO of several public and private companies, including DoubleClick and Nielsen's Media Measurement and Information Group, where he scaled finance operations and guided both companies through major transformations and transactions. Jeff currently serves on the boards of Twilio, where he has served as Chair since 2024, Okta, AvePoint and Couchbase. He previously served on the boards of Shutterstock and Poshmark, as well as Booking Holdings, where during his tenure the company grew from $1 billion to $80 billion in market value. Jeff holds a bachelor's degree from Yale University and a Master of Business Administration from Stanford University's Graduate School of Business.

Christie Simons has over 30 years of experience serving global technology clients, with significant audit expertise. She spent two decades as a Senior Partner at Deloitte, where she held several key leadership roles, including leading Deloitte's Global Semiconductor Center of Excellence, overseeing the U.S. Technology, Media & Telecommunications (TMT) Audit & Assurance practice, building the Emerging Growth Company practice in San Francisco and heading the Global Offerings Services group in Taiwan. Christie currently serves on the Board of Directors at Micron Technology and has served as Chair of the California Society of CPAs and as an Audit Committee member for the American Leadership Forum in Silicon Valley. She has also held board positions with the Association for Corporate Growth and Watermark, the executive women's organization. Christie holds a bachelor's degree in international business and finance from the University of Boulder Colorado's Leeds School of Business.

CPQ Finland and Syncron Announce Strategic Partnership to Expand SLM Solutions in Finland

14 April 2025

CPQ Finland, a leading provider of Configure, Price, Quote (CPQ) and price management solutions, is proud to announce a new partnership with **Syncron**, a global leader in Service Lifecycle Management (SLM) solutions. Through this collaboration, CPQ Finland will become an official referral and Systems Integrator partner of Syncron's SLM solutions, expanding its portfolio to better serve Finnish manufacturers and service organizations in optimizing their aftermarket strategies.

The partnership marks a significant step forward for both companies, as CPQ Finland enhances its offering with world-class service lifecycle management capabilities, while Syncron strengthens its market presence in Finland.

"Syncron's SLM solutions perfectly complement our existing portfolio, helping our customers optimize after-sales service operations and drive efficiency," said Veli-Matti Myllymäki, CEO of CPQ Finland. ***"With this partnership, we can offer manufacturers and service organizations a seamless connection between product configuration, pricing, and service lifecycle management—empowering them to maximize profitability and customer satisfaction."***

With Syncron's advanced AI-powered SLM platform bringing together solutions for **spare parts inventory, service contract pricing, and field service management,** CPQ Finland's customers will now be able to enhance their entire product and service lifecycle, reducing downtime and significantly improve operational efficiency.

This collaboration comes at a strategically important time, as manufacturers face increasing pressure to digitize service operations, build long-term customer loyalty, and unlock new revenue potential in the aftermarket. Syncron's SLM platform enables OEMs to connect previously siloed data sources and turn them into actionable **aftermarket intelligence**.

"By taking a cross-functional approach and unifying siloed data across business units, customers, and industries, manufacturers can unlock powerful insights that elevate their aftermarket intelligence and transform service operations into a sustainable growth engine," said **Claire Rychlewski**, Chief Revenue Officer at Syncron.

With this platform-based approach, companies gain a comprehensive toolset to manage spare parts logistics, pricing, and service execution. For CPQ Finland's customers, this means access to more than just a technical integration of CPQ and SLM systems—it means the ability to make smarter, data-driven decisions that directly impact revenue, margin, and customer experience.

"We are excited to partner with CPQ Finland, a company with deep expertise in CPQ and price management," said Claire Rychlewski, *Chief Revenue Officer at Syncron .* ***"Through this collaboration, we gain strong local coverage in Finland and a trusted partner to help businesses transform their service operations with Syncron's industry-leading solutions."***

This partnership positions CPQ Finland as a **key provider of end-to-end lifecycle management solutions**—from initial product configuration to long-term service optimization.

The collaboration is set to bring **new opportunities for manufacturers, aftermarket service providers, and industrial companies across Finland,** reinforcing the commitment of both CPQ Finland and Syncron to innovation and customer success.

DXC Appoints William Pieroni to Drive Strategy and Growth Across Global Insurance Software and Business Process Services

23 April 2025

DXC Technology, a leading Fortune 500 global technology services provider, announced the appointment of William Pieroni as Global Strategy and Growth Leader for Insurance Software & Business Process Services (BPS). In this role, he will focus on driving strategy, accelerating growth and delivering long-term industry impact.

"Bill is a proven strategist and respected leader with deep domain expertise and a global perspective. He is a trusted partner, recognized for his strong understanding of client challenges and his collaborative approach to developing tailored solutions," said Ray August, EVP and President, Insurance Software and Business Process Services, DXC. "His appointment reflects our commitment to industry leadership, intelligent growth and long-term value creation. I'm excited to partner with him as we continue to enhance the value we deliver to thousands of customers worldwide."

Pieroni brings more than 25 years of experience leading global organizations at the intersection of insurance, technology, and enterprise transformation. Most recently, he served as CEO of ACORD, the global standards-setting body for the insurance industry, where he also established ACORD Solutions Group, focused on advancing data exchange and platform innovation across the insurance value chain.

He has also held senior executive roles at Marsh McLennan, Aon, State Farm, IBM, Accenture, and McKinsey & Company, where he led enterprise strategy, operations, distribution, and large-scale transformation initiatives across international markets.

At DXC, he will be responsible for defining strategic priorities, guiding global growth initiatives, and strengthening the firm's position as a trusted partner across the global insurance ecosystem. He will lead efforts to deliver competitive differentiation, operational excellence, and sustained value creation across the insurance value chain.

"I'm honored to join DXC at such a pivotal time for the insurance industry," said Bill Pieroni. "DXC has an unrivaled team, a comprehensive solution portfolio, and deep client relationships—supported by one of the industry's broadest global footprints. I look forward to building on that foundation to deliver meaningful outcomes for our clients and the industry."

With over 40 years of innovation in the insurance sector, DXC supports more than 1,000 customers and has processed over 1 billion policies through its solutions. Today, 21 of the world's top 25 insurers trust DXC to deliver mission-critical software and services that solve essential business challenges.

ENGYS Signs Reseller Agreement with CFD Solutions to Strengthen its Presence in Benelux

22 April 2025

ENGYS is excited to announce the appointment of **CFD Solutions B.V.** as official resellers of the open-source CFD software HELYX in the Benelux countries.

Based in Warmond, Netherlands, CFD Solutions offers high-quality CFD consultancy and HPC services across multiple industries. CFD Solutions also has extensive experience using HELYX in a wide range of CFD applications, including environmental studies, fire safety, HVAC, maritime, process industry, healthcare, product development and automotive design.

This strategic partnership will enable ENGYS to enhance the quality of the services and support provided with HELYX and deliver their open-source CFD software solutions more effectively to local engineers and companies in the Benelux countries.

Richard van de Nes and Shrey Joshi, Managing Partners of CFD Solutions, added: "After working with several renowned CFD software packages over the years, we discovered **HELYX** and were impressed by its flexibility and scalability. With comparable capabilities to other leading tools, we transitioned our CFD projects seamlessly and now benefit from its performance and efficiency on a daily basis. Thanks to its affordability and excellent support, HELYX quickly became our preferred solution — so much so that we can now proudly announce that we have become its official reseller in the **BeNeLux** region, in collaboration with **ENGYS**".

GstarCAD Earns GS (Good Software) Certification in South Korea, Recognized for Commitment to Quality and Reliability

23 April 2025

GstarCAD, a leading CAD software solution, has recently achieved the highest grade of GS (Good Software) Certification, a nationally recognized standard for software excellence in South Korea. This certification underscores GstarCAD's technical superiority, reliability, and user-centric design, further solidifying its position as a trusted CAD solution in the South Korean market and beyond.

The GS Certification, administered by the Korea Testing Laboratory (KTL) under the Ministry of Trade, Industry, and Energy, is a rigorous evaluation based on international standards (ISO/IEC 25023, 25051, and 25041), assessing software quality across functionality, usability, reliability, and performance efficiency. GstarCAD's certification demonstrates its ability to meet the highest industry benchmarks, providing professionals with a stable, efficient, and cost-effective alternative to traditional CAD tools.

Local Strength, Global Impact

With a vast global user base, GstarCAD continues to gain traction for its:

- Full DWG compatibility, ensuring seamless integration with existing workflows;
- Intuitive interface and high-performance 2D/3D drafting tools;
- Affordability without compromising on advanced features.

"This GS Certification validates GstarCAD as not just an alternative, but a professional-grade CAD solution with proven quality," said a representative from Gstarsoft, the developer of GstarCAD. "We remain committed to delivering innovative, high-performance software that meets the evolving needs of our users."

The official distributor of GstarCAD in South Korea, Modoo Solution, added: "South Korean customers increasingly recognize GstarCAD for its reliability and cost-efficiency. This certification reaffirms their confidence in our product. We will continue to expand into additional industries, guided by customer satisfaction and technological trust."

Looking Ahead for Market Expansion

GstarCAD's achievement of the GS certification aligns closely with its mission to provide professionals with convenient, high-quality design tools. In the South Korean market, Modoo

Solution has played a key role in promoting the application of this software across industries such as architecture, machinery, and plant engineering. Not only has it successfully driven the deployment of GstarCAD in numerous large enterprises, but it has also continuously cultivated new talent in the mechanical design field by organizing annual CAD design competitions.

Building on this important certification milestone, GstarCAD will further consolidate its leading position in the CAD market, accelerate expansion into emerging industry applications, and continue to earn customer trust.

IFS appoints Rahul Misra as SVP & Managing Director for the Middle East and Africa

21 April 2025

IFS, a global leader in cloud enterprise software and Industrial AI applications, has announced the appointment of **Rahul Misra** as **Senior Vice President and Managing Director for the Middle East and Africa (MEA).** In his new role, Rahul will lead IFS's growth strategy across key MEA markets, scale the company's regional presence, strengthen strategic partnerships, and elevate the customer experience.

A visionary business and technology leader, Rahul brings more than 25 years of experience in driving transformation, fostering high-performance teams, and leading enterprise growth across the Middle East and Africa. He joins IFS after an 18-year career at Oracle, where he held several strategic leadership positions, most recently heading the Cloud Applications business across the Gulf and South Africa. Under his leadership, the business achieved consistent double-digit growth and drove significant industry and regional transformation.

Hannes Liebe, President for APJMEA at IFS, commented:
"We are thrilled to welcome Rahul Misra to the IFS leadership team. The Middle East and Africa represents one of our most strategic growth regions globally, with nations like Saudi Arabia and the UAE leading ambitious national transformation agendas and infrastructure development across Africa gaining rapid momentum. Our strengths in Enterprise Asset Management, Service Management, and Cloud ERP—underpinned by IFS.ai—are perfectly aligned with the needs of asset and service-intensive industries in these markets, including oil and gas, utilities, construction, engineering, and aerospace & defense. Rahul's deep expertise, regional insight, and strong leadership make him the ideal choice to lead this exciting next chapter."

Rahul Misra, SVP & Managing Director, Middle East and Africa, said:
"IFS is entering a defining phase of its journey—crossing €1 billion in ARR and experiencing exceptional momentum in the adoption of IFS.ai. The Middle East and Africa is a region full of promise, where visionary national programs like Saudi Arabia's Vision 2030, the UAE's innovation-led economic transformation, and the continent-wide infrastructure acceleration in Africa are creating powerful tailwinds for digital and industrial innovation. With IFS's global leadership in Enterprise Asset and Service Management, and a modern, composable Cloud ERP platform, we are uniquely positioned to create lasting value for customers across the region. I'm excited to work with our customers and partners to deliver meaningful outcomes and set new benchmarks for success."

Rahul succeeds **Mehmood Khan**, who after six successful years leading the MEA region, will transition into a broader executive role as **Vice President, Install Base and Success for APJMEA**. Under Mehmood's leadership, IFS MEA experienced transformative growth and strengthened its reputation as a trusted digital transformation partner.

"We thank Mehmood for his outstanding contributions and leadership. His impact has been instrumental in shaping the region's success, and we look forward to the value he will continue to deliver in his expanded role," added Hannes Liebe.

Informatica and Carnegie Mellon University Partner to Drive Innovation in Generative AI for Data Management

17 April 2025

Informatica, a leader in enterprise AI-powered cloud data management, announced a strategic partnership with Carnegie Mellon University (CMU) School of Computer Science, one of the world's foremost institutions for computer science and artificial intelligence research. The collaboration brings together Informatica's deep industry expertise and CMU's academic leadership to advance the development and application of generative AI (GenAI) technologies for data management.

By combining Informatica's AI-driven innovations with CMU's cutting-edge research, the partnership aims to accelerate breakthroughs in GenAI-powered data management, particularly within Informatica's CLAIRE® AI suite. Key areas of focus will include:

- AI-Driven Automation – Advancing the use of GenAI to automate and accelerate data management processes, reducing costs, complexity and time to value of data management.

- Metadata-Driven Agentic AI – Developing AI-based automation for multi-source enterprise GenAI applications, enabling businesses to deploy advanced AI solutions that access data from diverse sources with ease.

- Optimized AI Training & Inference – Innovating new approaches to enhance training and inference efficiency in multi-model enterprise environments, ensuring the best price-to-performance ratio for global, distributed GenAI applications.

"Our partnership with Carnegie Mellon University underscores Informatica's commitment to pushing the boundaries of what's possible with generative AI in data management," said **Rik Tamm-Daniels, Group Vice President of Strategic Ecosystems at Informatica**. "By uniting our expertise with CMU's research excellence, we are pioneering AI-driven innovations that will redefine enterprise data management. These advancements will be embedded within CLAIRE GPT and CLAIRE AI Copilot, bringing transformative benefits to our customers and the industry at large."

Martial Hebert, dean of Carnegie Mellon University's School of Computer Science, praised the collaboration, stating, "Partnerships between academia and industry are essential for driving meaningful advancements in artificial intelligence. By working with Informatica, we can explore real-world applications of generative AI while providing valuable research and hands-on

learning opportunities for our students and faculty. This collaboration will contribute to AI breakthroughs that shape the future of technology."

The findings from this research initiative will further enhance Informatica's Intelligent Data Management Cloud™ (IDMC) platform, equipping enterprises with next-generation AI capabilities to build robust, scalable and AI-ready data foundations. Additionally, the partnership will contribute key innovations to the broader AI research community, reinforcing Informatica's position as a trailblazer in generative AI.

Mastercam Announces Appointment of a New Vice President of Marketing

22 April 2025

Mastercam, the industry leader in CAD/CAM solutions, is pleased to announce a new leadership appointment that will advance Mastercam's global vision to address the growing needs of the U.S. manufacturing industry. Mastercam has appointed a new Vice President of Marketing, Nina Swienton.

Nina is a marketing executive with over 20 years of experience building brands, driving demand, and accelerating revenue for tech-enabled manufacturing brands spanning hardware, software, and manufacturing as a service product platforms.

In this role, Nina will be responsible for advancing Mastercam's global marketing vision, brand presence, and customer acquisition strategy. She brings extensive manufacturing industry experience from her previous position at Nexa3D and Protolabs in the USA, where she served as a Vice President of Marketing and as Chief Marketing Officer.

"What excites me the most about my new role is the opportunity to join a company that has not only been on the forefront of software automation and manufacturing transformation for multiple decades now, but it also still powers the majority of the machining world today with its industry-leading CAD/CAM solutions. Mastercam has built an amazing foundation and industry reputation, and I'm thrilled to play a part in its next chapter of innovation, growth, and customer success," said Swienton.

"Nina's background in strategic marketing and brand growth will be imperative as we acquire more companies and elevate the Mastercam brand. Her leadership will help us shape and strengthen our communications strategy and provide greater value to our customers worldwide," said Mastercam President, Russ Bukowski.

SmartPM Bolsters Board With Construction Tech Leader Jim Lynch

22 April 2025

SmartPM Technologies, the leader in automated project controls and schedule analytics, announced that construction technology leader Jim Lynch has joined its Board of Directors.

Lynch recently capped off a distinguished 28-year career at Autodesk, serving as Senior Vice President and General Manager of Autodesk Construction Solutions. His decision to join SmartPM marks a new chapter in his long-standing mission to drive digital transformation

across the built world — and serves as a powerful signal of SmartPM's rising influence in the construction tech space.

"Of all the companies I've seen in this space, SmartPM stood out," said **Lynch**. "They've taken something historically complex — schedule data — and made it intuitive, actionable, and impactful. This is exactly the kind of value creation that drives adoption, and I'm excited to help guide their growth."

At Autodesk, Lynch played a central role in shaping the company's AEC strategy, from establishing BIM as an industry standard, to launching and scaling Autodesk Construction Cloud. His leadership advanced the role of technology and data in construction and helped position Autodesk as a global innovation leader.

Now, he joins SmartPM, a platform purpose-built to bring clarity, control, and profitability to construction project teams by analyzing and visualizing schedule data at scale.

"Jim has been through many of the same challenges we're navigating as we scale," said **Michael Pink, CEO and Founder of SmartPM**. "His experience building category-defining products, leading teams, and navigating market shifts will be incredibly valuable to us. We're excited to learn from him and honored to have him on our board. It's a huge validation of what we're building."

SmartPM is currently used to analyze over 70,000 project schedules annually, serving leading general contractors, owners, and consultants. The company doubled in size in 2024 and continues to gain traction as an essential part of the construction technology stack.

"SmartPM is solving a major problem that's plagued construction for decades," **Lynch** added. "This is more than a board seat. It's a belief in the mission. The industry is ready for this."

Event News

Agiloft to Present Data-driven Contract Standardization Solutions at CLOC Global Institute 2025

21 April 2025

Agiloft, a leader in data-first contract lifecycle management (CLM), announced its upcoming participation at CLOC Global Institute 2025, taking place from May 5 – 8th at the Aria Hotel in Las Vegas, Nevada. At the conference, Agiloft will demonstrate the capabilities of its newly released generative AI capabilities in the Agiloft Data-first Agreement Platform, which enables legal teams to unlock the value of contract data and accelerate their businesses.

"In legal operations, it's not enough just to automate things – we need to understand how AI is supporting strategic decisions, especially since contract data is a critical element of creating business outcomes with measurable financial impact," said Prashant Dubey, Chief Strategy Officer at Agiloft. "CLOC is a pivotal forum for those pushing the boundaries of legal innovation and we are proud to be here to share how our white box AI solutions are setting a new standard for generative AI in legal operations – by providing real value, giving legal teams the

flexibility, transparency, and confidence to help their colleagues make better business decisions – this is the epitome of LegalOps as strategic business enabler."

Meet with Agiloft at CLOC Global Institute 2025:

- **Agiloft Onsite**: During expo hours, attendees can visit Booth #303 starting on Monday, May 5th at 5 p.m. PDT through Wednesday, May 7th. Book a meeting here.
- **Breakout Track #1**: Join Agiloft and Honeywell leaders for a deep dive into how global companies are streamlining their contract processes and governance through digital transformation. This session on May 6th from 2:45 p.m. – 3:15 p.m. PDT will explore the practical steps and lessons learned from Honeywell's journey in optimizing its contracting operations. The session will be held in Room: Juniper 1.
- **Breakout Track #2**: Join Agiloft Chief Strategy Officer Prashant Dubey and Mike Haven, Global Head of Legal Operations at Meta, who will introduce their new book , *GenO: The Rise of Legal Operations*, and discuss the evolution of the LegalOps professional from legal department efficiency steward to strategic business enabler. This session will be held on May 6th from 1:45 p.m. – 2:15 p.m. PDT. Learn more here.
- **Breakout Track #3**: Join Agiloft for an exclusive Solution Lab session on Tuesday, May 6, 2025, from 12:15 PM-12:45 PM PT at the Pinyon Ballroom 2. This event will feature a special guest appearance by a legal operations leader from a leading tech company, who will share their insights on achieving CLM success. Learn more here.
- **Evening Celebration**: Agiloft is hosting an evening celebration event on Tuesday, May 6th at Easy's Cocktail Lounge from 6 – 9 p.m. PDT. Register here to attend.
- **Breakfast & Coffee Chat**: Connect with the Agiloft community at a networking breakfast and take advantage of other exclusive opportunities to learn and strategize with Agiloft at CLOC. This event will be held at the Ironwood Terrace at the Aria Convention Center on Wednesday, May 7th from 7:30 – 9 a.m. PDT. Register here to attend.
- **Lunch & Learn**: Want to learn how to turn contracts into a business advantage and leverage CLM as a driver of growth, profitability, and risk management? Join Agiloft on Wednesday, May 7, from 12-1:30pm PDT at the Cottonwood Boardroom, Aria Convention Center, and get a first-hand look at the Agiloft CLM Value Map, a framework designed to help executives quantify the tangible value of CLM investments. Register here to attend.
- **Drinks & Demos:** Enjoy cocktails, apps, and personalized demos of Agiloft's seamless embedded AI on Wednesday, May 7, from 5-7pm PDT at Booth #303. Register here to attend.
- **CLOC After Dark**: Enjoy the closing celebration at the Agiloft Cabana on the evening of Wednesday, May 7th from 8 p.m. to 11 p.m. PDT. Enjoy a night of casual networking, fun, and great conversation with fellow attendees in a lively, laid-back setting. No registration required.

Financial News

CGI to release second quarter fiscal 2025 results on April

23 April 2025

CGI will release results for its second quarter fiscal year 2025, ended March 31, 2025, on Wednesday, April 30, 2025 before the markets open. Management will host a conference call to discuss results and answer questions at 9:00 a.m. (EDT).

- **Who**: François Boulanger, President and Chief Executive Officer Steve Perron, Executive Vice-President and Chief Financial Officer
- **What**: Second Quarter Fiscal Year 2025 Results
- **When**: Wednesday, April 30, 2025 at 9:00 a.m. (EDT)
- **Conference Call**: 1- 800-717-1738 Conference ID: 95409. Interested parties may access a replay of the call by dialing +1-888-660-6264 Passcode: 95409, until May 30, 2025.
- **Webcast**: A live webcast of the quarterly results conference call may be accessed through the IR section of our website where a replay will also be archived. Listeners should allow ample time to access the webcast and supporting slides.
- **Podcast**: A replay will be available for download later in the day.
- **RSS Feed**: Subscribe via our newsroom to receive the latest news releases and podcasts.

HCLTech delivers another year of industry-leading growth

22 April 2025

HCLTech, a leading global technology company, reported financial results for the fourth quarter and the full year ended March 31, 2025.

The company continued its robust performance with FY25 revenue growing 4.3% to $13.84 billion. Deal pipeline continues to be strong and diversified with total new deal wins for the year at $9.3 billion. For FY26, the company has given a guidance of 2%-5% revenue growth YoY (CC) and EBIT margin at 18%-19%.

“HCLTech grew the fastest among our peers for the second year in a row as we witnessed yet another year of disciplined execution. We delivered on our FY25 guidance with revenue growth of 4.7% in constant currency and EBIT margin of 18.3%. HCLSoftware growth continues to accelerate as it grew 3.5% CC this year. During this quarter, our services business delivered healthy growth of 0.7% QoQ CC amidst volatile market conditions. We saw very strong new bookings of $3 billion this quarter catalyzed by our AI propositions and integrated GTM organization that was set up at the start of the fiscal year. The strength of our execution should present us good medium-term opportunities emerging out of global uncertainties while we navigate the short-term cautiously,” said C Vijayakumar, CEO & Managing Director, HCLTech.

For FY25, Services revenue grew by 4.8% YoY (CC). Digital Services revenue grew by 8.6% YoY (CC) and now contributes 39% of Services revenue. HCLSoftware's Annual Recurring Revenue came in at $1.03 billion, up 1.8% CC.

Industry vertical growth was led by Telecommunications, Media, Publishing & Entertainment with 43.4% growth YoY (CC), followed by Retail and CPG at 10.7% YoY (CC) and Technology and Services at 6.7% YoY (CC). In terms of geographies, Americas was the fastest growing region with 5.3% YoY (CC) growth, while Europe grew by 3.5% YoY (CC) and the Rest of the World grew by 4.7% YoY (CC).

HCLTech announced a dividend of ₹18/share for the fourth quarter, bringing the total to ₹60/share for FY25.

"HCLTech delivered 6.5% INR revenue growth in FY25, yet another year of best-in-class performance. Our revenue came in at ₹117,055 crores, up 6.5% and EBIT at ₹21,420 crores, up 7%. HCLTech service revenue crossed a new milestone at ₹105,398 crores, up 6.6%. Our Net Income (NI) for the year came in at ₹17,390 crores, up 10.8%, translating to an EPS of ₹64.09," added Shiv Walia, Chief Financial Officer, HCLTech.

HCLTech remained a partner of choice for G2000 enterprises, thanks to its future-ready portfolio. Among the key deals that HCLTech won in the quarter are:

- A US-based global hi-tech company selected HCLTech for a mega engineering services deal to serve the rapidly growing AI-powered silicon and software-defined vehicle segments.
- HCLTech will enable Western Union's transition to an AI-led platform operating model and will help it establish an advanced technology center in Hyderabad.
- Carrix, the world's largest independent marine and rail terminal operator, selected HCLTech to improve its global port operations with HCLTech's advanced suite of AI Engineering and AIoT offerings.

Some of the key recognitions that HCLTech received in Q4 FY25 include:

- Named the world's fastest-growing IT services brand in Brand Finance 2025 Global 500 and IT Services Top 25 report
- Recognized as Global Top Employer for the third consecutive year by Top Employers Institute.
- Named one of Ethisphere's 2025 World's Most Ethical Companies® for the second consecutive year.
- Included in S&P Global Sustainability Yearbook for the third year in a row.

JBT Marel Announces First Quarter 2025 Earnings Release and Conference Call Schedule

22 April 2025

JBT Marel Corporation announced that it will report first quarter 2025 financial results on Monday, May 5, 2025, before the market opens for both the NYSE and Nasdaq Iceland. JBT Marel will host an earnings conference call on Monday, May 5, 2025, at 11:00 AM ET / 15:00 GMT.

The conference call will be webcast and is accessible through this link: Webcast Registration. The webcast will also be available for replay shortly after the conference call ends. This information is also available on the Company's Investor Relations Website.

LTIMindtree's FY25 Revenue up 7% in INR

23 April 2025

LTIMindtree, a global technology consulting and digital solutions company, announced its consolidated results for the fourth quarter and full year ended Mar 31, 2025, as approved by its Board of Directors.

"We concluded FY25 with a revenue growth of 5% in constant currency terms and an EBIT margin of 14.5%. Our key verticals and a major geography drove our yearly growth despite an ongoing challenging macro environment. The robust order inflow, driven by a significant array of AI-led deal wins, illustrates the pervasive integration of AI across our service offerings.

Venu Lambu's transition to LTIMindtree has been seamless and supports our strategic goals. His growing understanding of the organisation, combined with our ability to secure large deals, strong presence in tech-intensive sectors, and robust balance sheet, positions us well to leverage the opportunities ahead of us."

– Debashis Chatterjee, Chief Executive Officer and Managing Director

Key financial highlights:

Quarter ended Mar 31, 2025
In USD:

- Revenue at $1,131.0 million (-0.7% Q-o-Q / +5.8% Y-o-Y)
- Operating Margin (EBIT) at 13.8%
- Net profit at $130.6 million (+2.0% Q-o-Q / -1.4% Y-o-Y)

In INR:

- Revenue at ₹97,717 million (+1.1% Q-o-Q / +9.9% Y-o-Y)
- Net profit at ₹11,286 million (+3.9% Q-o-Q / +2.5% Y-o-Y)

Year ended Mar 31, 2025
In USD:

- Revenue at $4,492.5 million (+4.8% Y-o-Y)
- Operating Margin (EBIT) at 14.5%
- Net profit at $543.9 million (-1.7% Y-o-Y)

In INR:

- Revenue at ₹3,80,081 million (+7.0% Y-o-Y)
- Net profit at ₹46,020 million (+0.4% Y-o-Y)

Other highlights:

Clients:

- 741 active clients as of Mar 31, 2025
- $5 million+ clients increased by 1 on a Y-o-Y basis, total 154
- $50 million+ clients increased by 1 on a Y-o-Y basis, total 14

People:

- 84,307 professionals as of Mar 31, 2025.
- Trailing 12 months attrition was 14.4%

Deal Wins

- A leading US life insurance company has engaged LTIMindtree to enhance its quality processes using AI to improve the operating model, thereby advancing enterprise quality engineering maturity. This is a multi-year deal which will focus on enhancing quality engineering practices and leveraging AI to transform the operating model.
- LTIMindtree has been selected by a global Energy major to provide NextGen ERP Support services across multiple functional and SaaS-based solutions.
- A leading global financial institution has chosen LTIMindtree for its Data Center Migration Project. The deal encompasses the development of comprehensive infrastructure designs and architecture aimed at maximizing performance while minimizing the total cost of operations.
- LTIMindtree secured an Application Managed Services deal from a leading North American utility company. LTIMindtree's business-first approach will help the customer achieve quality at scale while improving cost efficiency and productivity.
- LTIMindtree was chosen by a global reinsurance group to enhance efficiency through an AI Ops model as part of its end-to-end outsourcing deal.
- A prominent life sciences company in North America has chosen LTIMindtree to undertake its Oracle implementation and maintenance project, ensuring an optimal delivery mix.
- A leading US materials and construction company has engaged LTIMindtree to maintain and support its complex legacy ERP system as part of its digital transformation initiative.
- A leading digital company in the KSA region has entrusted LTIMindtree with providing end-to-end operations services for their hybrid cloud security platform.

Partnerships

- LTIMindtree and Google announced a Strategic Partnership to drive Business Transformation with Agentic AI. LTIMindtree will leverage offerings powered by Google Cloud technology using Agentic AI to redefine the cloud landscape for clients worldwide and drive broad-based GenAI adoption.
- LTIMindtree has successfully achieved revalidation as an AWS Managed Services Provider (MSP) for the year 2024. The AWS MSP program is a worldwide initiative by AWS that recognizes and showcases the most proficient cloud partners with a demonstrated history and expertise in delivering comprehensive AWS solutions.
- LTIMindtree has been recognized as the "Highest Overall SAP Qualified Pipeline" partner in the SI category at the AWS Champions Club UKI, marking our second consecutive win following our previous success in GenAI. This recognition underscores our strong momentum in SAP on AWS, leveraging both "RISE with SAP" and AWS-native customer journeys
- LTIMindtree is now accredited in the Salesforce Tableau Alliance, enabling dedicated resources for collaboration and a focus on joint Tableau customers. This partnership also grants early access to beta versions of products, coinciding with Salesforce's launch of the updated Tableau Next product suite, which is integrated into the Data Cloud.
- LTIMindtree was awarded the Global Innovation Partner of the Year by Informatica, a significant accomplishment in our inaugural year as a GSI Partner. This honour reflects the strength of our collaboration with Informatica and our mutual commitment to advancing Data & AI transformation for our clients.

Announcements
The Board of Directors has recommended a final dividend of ₹45 per equity share of par value ₹1 each for the financial year ended March 31, 2025.

Mensch und Maschine Software SE presenting Q1 Report 2025

23 April 2025

Mensch und Maschine Software SE, a CAD/CAM/BIM specialist company, started the year 2025 with the second best quarter in the company's history. After the rather bumpy ramp-up in Q4/2024, the new Autodesk model has now led to the expected EBIT margin jump from 16.7% to 24.4%. On the basis of this strong start, M+M confirms the ambitious targets for 2025/26.

Sales amounted to EUR 66.02 mln (PY: 100.87 / -35%), with EUR 32.63 mln (PY: 30.66 / +6.4%) from M+M Software and EUR 33.39 mln (PY: 70.21 / -52%) from Digitization, where after the switch from resale to commission, the majority of the non-value-adding Autodesk purchasing volume has been eliminated. Gross profit came in at EUR 49.44 mln (PY: 50.18 / -1.5%), with EUR 28.98 mln (PY: 27.70 / +4.6%) from M+M Software and EUR 20.47 mln (PY: 22.48 / -9.0%) from Digitization.

EBIT at EUR 16.11 mln (PY: 16.86 / -4.5%) achieved the second best quarter value in the company's history, with EUR 11.32 mln (PY: 9.90 / +14.4%) from M+M Software and EUR 4.79 mln (PY: 6.96 / -31%) from Digitization segment. EBIT margin jumped to 24.4% (PY: 16.7%). Net

profit amounting to EUR 10.39 mln (PY: 11.09 / -6.3%), or 62 Cents (PY: 66) per share also reached the second best quarterly earnings ever.
Operating cash flow, which had been on a record trip in recent years, partly due to pull-forward effects from the Autodesk business, came in lower at EUR 16.11 mln (PY: EUR 25.52 mln), or 96 cents per share (PY: 151), as we had expected, remaining well above net profit.

M+M Chairman Adi Drotleff and CFO Markus Pech remain optimistic: "On the basis of the strong start, we confirm the targets for 2025, namely +5-7% increase in gross profit and +9-19% in EPS and EBIT, and we plan for 205-215 Cents in dividends. For 2026 we expect a stronger growth of +8-12% in gross profit, +13-25% in EPS as well as in EBIT and are planning +25-40 Cents more in dividends."

Rockwell Automation to Report Second Quarter Fiscal 2025 Results

23 April 2025

Rockwell Automation, Inc. is scheduled to report its second quarter fiscal 2025 results on Wednesday, May 7, before the market opens. The release will be posted on the Rockwell Investor Relations website at www.rockwellautomation.com/en-us/investors.html.

A conference call to discuss the quarterly results will be held at 7:30 a.m. CDT on May 7. This call will be audio webcast and accessible on the Rockwell Automation Investor Relations website. Presentation materials will also be available on the website prior to the call.

Interested parties can access the conference call by dialing the following numbers: (888) 330-2022 in North America; (365) 977-0051 in Canada; +1 (646) 960-0690 for other countries. Use the following passcode: 5499533. Please dial in 10 minutes prior to the start of the call.

Both the presentation materials and a replay of the call will be available on the Investor Relations section of the Rockwell website through June 6.

Dassault Systèmes: Solid start to the year with strong subscription growth, EPS at the high end of guidance

24 April 2025

Dassault Systèmes reports its IFRS unaudited estimated financial results for the first quarter 2025 ended March 31, 2025. The Group's Board of Directors approved these estimated results on April 23, 2025. This press release also includes financial information on a non-IFRS basis and reconciliations with IFRS figures in the Appendix.

Summary Highlights[1]

(unaudited, non-IFRS unless otherwise noted, all growth rates in constant currencies)

- 1Q25: Software revenue increased by 5% driven by recurring revenue up 7%;
- 1Q25: Strong subscription growth of 14%, bringing New business up 7%;
- 1Q25: 3DEXPERIENCE software revenue growth of 17%;
- 1Q25: Diluted EPS up 5% (6% as reported) to €0.32;

- 1Q25: Cash flow from operations grew 21%, as reported, to €813 million (IFRS);
- FY25: Full year objectives unchanged, total revenue growth of 6-8% and diluted EPS of €1.36-€1.39.

[1]IFRS figures for 1Q25: total revenue at €1.57 billion, operating margin of 19.4% and diluted EPS at €0.20.

FARO Announces First Quarter Financial Results

24 April 2025

FARO® Technologies, Inc., a global leader in 4D digital reality solutions, announced its financial results for the first quarter ended March 31, 2025.

"We're very pleased with our strong start to the year, with our first quarter financial results exceeding our expectations and reflecting the successful execution of our strategic growth initiatives," said Peter Lau, President & Chief Executive Officer. "Q1 was an inflection point for FARO, with increasing traction from refreshed products, coupled with the introduction of new solutions and the signing of two impactful partnerships contributing to 6% year-over-year net orders growth. As a result, we delivered GAAP net income of $0.9 million and $12.5 million of adjusted EBITDA, or 15.0% of revenue, surpassing our forecasts. As we look ahead, we remain focused on executing our growth strategy, even amidst continued macroeconomic uncertainty. Our recent product launches, including the Leap ST in January for metrology workflows and Blink last week for digital reality workflows, expand our addressable opportunity and we believe position us well to drive sustained, long-term organic growth."

First Quarter 2025 Financial Summary

- Total sales of $82.9 million, down 1.6% year over year
- Gross margin of 57.0%, compared to 51.4% in the prior year period
- Non-GAAP gross margin of 57.7%, compared to 51.8% in the prior year period
- Operating expenses of $43.4 million, compared to $48.6 million in the prior year period
- Non-GAAP operating expenses of $38.5 million, compared to $40.7 million in the prior year period
- Net income of $0.9 million, or $0.05 per share compared to net loss of $7.3 million, or $(0.38) per share in the prior year period
- Non-GAAP net income of $6.4 million, or $0.33 per share compared to non-GAAP net income of $1.7 million, or $0.09 per share in the prior year period
- Adjusted EBITDA of $12.5 million, or 15.0% of total sales compared to $5.6 million, or 6.6% of total sales in the prior year period
- Cash, cash equivalents & short-term investments of $102.6 million compared to $98.7 million as of December 31, 2024

* A reconciliation of the non-GAAP financial measures to the most directly comparable GAAP financial measures is provided in the financial schedules portion at the end of this press release. An additional explanation of these measures is included below under the heading “Non-GAAP Financial Measures”.

Outlook for the Second Quarter 2025

For the second quarter ending June 30, 2025, FARO currently expects:

- Revenue in the range of $79 to $87 million
- Gross margin in the range of 56.5% to 58.0%. Non-GAAP gross margin in the range of 57.0% to 58.5%
- Operating expenses in the range of $45.0 to $47.0 million. Non-GAAP operating expenses in the range of $38.5 to $40.5 million
- Net (loss) income per share in the range of ($0.20) to $0.00. Non-GAAP net income per share in the range of $0.20 to $0.40.

Conference Call

The Company will host a conference call to discuss these results on Thursday, April 24, 2025, at 8:00 a.m. ET. Interested parties can access the conference call by dialing (800) 245-3047 (U.S.) or +1 (203) 518-9765 (International) and using the passcode FARO. A live webcast will be available in the Investor Relations section of FARO's website at: https://www.faro.com/en/About-Us/Investor-Relations/Financial-Events-and-Presentations

A replay webcast will be available in the Investor Relations section of the Company's web site approximately two hours after the conclusion of the call and will remain available for approximately 30 calendar days.

Stratasys Conference Call to Discuss First Quarter 2025 Financial Results

24 April 2025

Stratasys Ltd. will release financial results for the first quarter ended March 31, 2025, on Thursday, May 8, 2025. The Company plans to hold the conference call to discuss its first quarter 2025 financial results on Thursday, May 8, 2025, at 8:30 a.m. (ET).

The investor conference call will be available via live webcast on the Stratasys Web site at investors.stratasys.com; or directly at the following web address:

https://event.choruscall.com/mediaframe/webcast.html?webcastid=pGlPRdRX

To participate by telephone, the U.S. toll-free number is 877-407-0619 and the international dial-in is +1-412-902-1012. Investors are advised to dial into the call at least ten minutes prior to the call to register. The webcast will be available for 6 months at investors.stratasys.com, or by accessing the above-provided web address.

Trimble First Quarter Earnings Call and Webcast

24 April 2025

Trimble will hold a conference call on Wednesday, May 7, 2025 at 8 a.m. ET to review its first quarter 2025 results. The call will be broadcast live on the web at https://investor.trimble.com. Investors and participants who wish to dial into the call may do so by first registering at https://registrations.events/direct/Q4I84113721. Upon registration, dial-in details will be sent via email to the registrant.

Bechtle AG: Q1 earnings significantly below market expectations, full-year forecast confirmed

25 April 2025

In the first quarter of 2025, Bechtle AG continued to face the impact of challenging economic conditions. As expected by Bechtle, preliminary figures show a significant year-on-year decline in first-quarter earnings before taxes, a result that nevertheless falls short of market expectations.

Business volume was approximately €1,960 m, roughly on par with the previous year, though slightly down on an organic basis. Revenue declined by around 3% to approximately €1,460 m. EBT amounted to around €55 m, compared to €82.0 m in the same quarter of the previous year.

The year-on-year earnings decline is mainly attributable to increased personnel costs, driven in part by acquisitions made in 2024, and in part by a marked rise in non-wage labour costs. However, compared to Q4 2024, cost increases have slowed significantly.

Earnings were also adversely affected by lower bonus payments from manufacturing partners in the first quarter 2025. Furthermore, last year's figure was positively influenced by €5 m in marketing allowances, which were not received in 2025.

In light of this anticipated development, the Executive Board is reaffirming its forecast for the year 2025. An uptick in demand in the second half—particularly from public-sector clients—should help to at least partially offset the declines from the first half of the year. Initial signs of recovery were already visible in April. In addition, Bechtle holds a historically high value of framework agreements with public-sector clients. These are expected to convert into actual incoming orders over the course of the year—particularly in Germany, following the formation of a new government.

Bechtle AG will publish its statement on the first quarter including the finalised figures on 09 May 2025.

Materialise Reports First Quarter 2025 Results

24 April 2025

Materialise NV, a leading provider of additive manufacturing and medical software and of sophisticated 3D printing services, announced its financial results for the first quarter ended March 31, 2025.

Highlights — first quarter 2025

- Boosted by 18.7% growth in our Materialise Medical segment, total revenue increased by 4.3% to 66,379 kEUR for the first quarter of 2025 compared to the corresponding 2024 period.
- Total deferred revenues from software maintenance and license fees increased during the quarter by 1,921 kEUR, to 48,870 kEUR.
- Adjusted EBIT improved to 646 kEUR for the first quarter of 2025 from (1,195) kEUR for the fourth quarter of 2024, but remained below the 2,656 kEUR of the corresponding 2024 period, reflecting the impact from macro-economic headwinds faced by our Materialise Manufacturing and Software segments.
- Net loss for the first quarter of 2025 was (535) kEUR, or (0.01) EUR per diluted share, compared to a net profit of 3,585 kEUR, or 0.06 EUR per diluted share, for the corresponding 2024 period.
- Driven by recurring positive free cash flow, our net cash position increased over the quarter by 6,716 kEUR to 67,736 kEUR.

CEO Brigitte de Vet-Veithen commented, “Amidst the current macro-economic and geo-political turbulence, we managed to grow our consolidated revenue by more than 4% in the first quarter of this year compared to the same period of 2024. At the same time, we significantly increased the deferred revenue carried on our balance sheet. Also in this quarter, our Materialise Medical segment continued to lead the way, with more than 18% revenue growth compared to the same period in 2024. Uncertain market conditions continued to weigh on our Materialise Manufacturing and Materialise Software segments, however. Although overall profitability in this year’s first quarter declined compared to the same period of 2024, we continue to realize operational efficiencies compared to the fourth quarter of 2024. At the same time, we further improved our net cash position while we continue to invest in sustainable growth, as detailed in our recently released 2024 Materialise Sustainability Report.”

First quarter 2025 results

Total revenue for the first quarter of 2025 increased 4.3% to 66,379 kEUR from 63,637 kEUR for the first quarter of 2024. Adjusted EBIT for the first quarter of 2025 was 646 kEUR compared to 2,656 kEUR for the 2024 period. The Adjusted EBIT margin (Adjusted EBIT divided by total revenue) for the first quarter of 2025 was 1.0%, compared to 4.2% for the first quarter of 2024. Adjusted EBITDA for the first quarter of 2025 was 6,147 kEUR compared to 8,094 kEUR for the 2024 period.

Revenue from our Materialise Medical segment increased 18.7% to 31,078 kEUR for the first quarter of 2025 compared to 26,183 kEUR for the same period in 2024. Segment Adjusted EBITDA increased 14.2% to 9,047 kEUR for the first quarter of 2025 compared to 7,921 kEUR, while the segment Adjusted EBITDA margin was 29.1% compared to 30.3% for the first quarter of 2024.

Revenue from our Materialise Software segment decreased 6.4% to 9,775 kEUR for the first quarter of 2025 from 10,438 kEUR for the same quarter last year. Segment Adjusted EBITDA

decreased 45.1% to 599 kEUR from 1,090 kEUR, while the segment Adjusted EBITDA margin was 6.1%, compared to 10.4% for the prior-year period.

Revenue from our Materialise Manufacturing segment decreased 5.5% to 25,526 kEUR for the first quarter of 2025 from 27,016 kEUR for the first quarter of 2024. Segment Adjusted EBITDA decreased to (377) kEUR from 1,529 kEUR, while the segment Adjusted EBITDA margin was (1.5)%, compared to 5.7% for the first quarter of 2024.

Gross profit increased 2.2% to 36,724 kEUR compared to 35,935 kEUR for the same period last year, while gross profit as a percentage of revenue was 55.3% compared to 56.5% for the first quarter of 2024.

Research and development ("R&D"), sales and marketing ("S&M") and general and administrative ("G&A") expenses increased, in the aggregate, 6.9% to 36,510 kEUR for the first quarter of 2025 from 34,138 kEUR for the first quarter of 2024.

Net other operating income was 360 kEUR compared to 789 kEUR for the first quarter of 2024.

Operating result amounted to 574 kEUR compared to 2,585 kEUR for the first quarter of 2024.

Net financial result was (875) kEUR, compared to 1,510 kEUR for the first quarter of 2024, reflecting unfavorable effects from exchange rate fluctuations.

The first quarter of 2025 contained net tax expenses of (234) kEUR, compared to net tax expenses of (510) kEUR in the first quarter of 2024.

As a result of the above, net loss for the first quarter of 2025 was (535) kEUR, compared to a net profit of 3,585 kEUR for the same period in 2024. Total comprehensive loss for the first quarter of 2025, which includes exchange differences on translation of foreign operations, was (30) kEUR compared to 3,312 kEUR for the 2024 period.

At March 31, 2025, we had cash and cash equivalents of 104,180 kEUR compared to 102,304 kEUR at December 31, 2024. Gross debt amounted to 36,444 kEUR, compared to 41,284 kEUR at December 31, 2024. As a result, our net cash position increased by 6,716 kEUR to 67,736 kEUR.

Cash flow from operating activities for the first quarter of 2025 was 9,713 kEUR, compared to 9,970 kEUR for the same period in 2024. Total cash out from capital expenditures for the first quarter of 2025 amounted to 1,832 kEUR, resulting in a positive free cash flow.

Net shareholders' equity at March 31, 2025 was 248,703 kEUR compared to 248,492 kEUR at December 31, 2024.

On April 2, 2025 Materialise released its 2024 Sustainability Report clearly outlining the initiatives we are taking to make a sustainable difference with additive manufacturing for a better and healthier world. The report is available on our corporate website or can be consulted directly through https://mtls.am/report.

2025 guidance

Mrs. de Vet-Veithen concluded, “As already anticipated in our earlier guidance for the fiscal year 2025 issued in February, we expect uncertain macro-economic and geo-political conditions to impact the remainder of 2025 and in particular the second quarter, but we are convinced that the fundamentals of our business are solid and resilient. We therefore continue to expect to report consolidated revenue for the full fiscal year 2025 within the 270,000 to 285,000 kEUR range we communicated in February. We are also maintaining our Adjusted EBIT guidance of 6,000 kEUR to 10,000 kEUR for fiscal year 2025.”

Conference call and webcast

Materialise will hold a conference call and simultaneous webcast to discuss its financial results for the first quarter of 2025 on Thursday, April 24, 2025, at 8:30 a.m. ET/2:30 p.m. CET. Company participants on the call will include Brigitte de Vet-Veithen, Chief Executive Officer and Koen Berges, Chief Financial Officer. A question-and-answer session will follow management’s remarks.

To access the call by phone, please click the link below at least 15 minutes prior to the scheduled start time and you will be provided with dial-in details. Participants can choose to dial in or receive a call to connect to Materialise’s conference call.

- https://register-conf.media-server.com/register/BI8fc234f0695d41cda76124b7d2bea08d

The conference call will also be broadcast live over the Internet with an accompanying slide presentation, which can be accessed on the company’s website at https://investors.materialise.com. The webcast of the conference call will be archived on the company's website for one year.

SAP Announces Q1 2025 Results

22 April 2025

SAP SE announced its financial results for the first quarter ended March 31, 2025.

- Current cloud backlog of €18.2 billion, up 28% and up 29% at constant currencies
- Cloud revenue up 27% and up 26% at constant currencies
- Cloud ERP Suite revenue up 34% and up 33% at constant currencies
- Total revenue up 12% and up 11% at constant currencies
- IFRS operating profit of €2.3 billion; non-IFRS operating profit of €2.5 billion, up 60% and up 58% at constant currencies

“Q1 once again underlines that our success formula is working. Current cloud backlog expanded 29% at constant currencies and total revenue saw a double-digit increase. With a share of more predictable revenue of 86%, SAP’s business model remains resilient in uncertain times. Our AI-powered portfolio enables companies to navigate supply chain disruptions in over 130 countries and to unlock efficiencies with agility and speed.”
Christian Klein, CEO

"Q1 marks a solid start to the year in a highly volatile environment, with strong total revenue growth and outstanding operating profit expansion. These results are a testament to our cost discipline and focused execution. While we're encouraged by this momentum, we remain mindful of the broader environment and are approaching the rest of the year with vigilance, continuing to safeguard both profit and cash flow. "
Dominik Asam, CFO

Addnode Group - Interim Report 1 January – 31 March 2025

25 April 2025

Stable results and cost adjustments
» The first quarter of 2025 was a stable quarter in a challenging environment. The German market has, however, continued to develop weakly. Looking ahead, there is good demand for the business-critical digital solutions that we provide, and cost adjustments will improve profitability. «
Johan Andersson
President and CEO

Summary of the first quarter, January–March 2025

- Gross profit increased by 2 percent to SEK 1,122 m (1,101), and the gross margin was 76.8 percent (45.7).
- Net sales decreased, as anticipated, by 39 percent to SEK 1,461 m (2,409). Under the previous Autodesk reseller model, and before reclassifications of third-party agreements, net sales would have amounted to SEK 2,507 m and the Group's currency-adjusted organic growth would have been approximately 3 percent. Organic reported currencyadjusted net sales decreased by -41 percent.
- Restructuring costs had an impact of SEK 24 m (0) on earnings.
- EBITA amounted to SEK 217 m (253), and the EBITA margin was 14.9 percent (10.5). Before restructuring costs, EBITA amounted to SEK 241 m (253), and the EBITA margin was 16.5 percent (10.5).
- Operating profit amounted to SEK 149 m (187), and the operating margin was 10.2 percent (7.8). Before restructuring costs, operating profit to SEK 173 m (187), and the operating margin was 11.8 percent (7.8).
- Net profit for the period amounted to SEK 90 m (120).
- Earnings per share amounted to SEK 0.67 (0.90).
- Cash flow from operating activities amounted to SEK 203 m (381).
- Acquisition of Congere IT-konsult AB and Railit Tracker AB.

Events after the end of the reporting period

- Acquisition of Pcskog AB.

L&T Technology Services reports 12.4% QoQ growth in Q4FY25

24 April 2025

L&T Technology Services Limited, India's leading pure-play engineering services company, announced its results for the fourth quarter ended March 31, 2025.

Highlights for Q4FY25 include:

- Revenue at ₹29,824 million; growth of 17.5% YoY and 12.4% QoQ
- USD Revenue at $345.1 million; growth of 13.1% YoY and 10.7% QoQ
- EBIT margin at 13.2%
- Net profit at ₹3,111 million
- Patent filings have crossed 1,500 mark, 190 patents in AI/Gen AI

Continuing our large deal momentum, this quarter recorded the highest-ever bookings, including one USD 80+ Mn deal, one USD 50+ Mn deal, along with a USD 30+ Mn, USD 20+ Mn, and three USD 10+ Mn deals.

Highlights for FY25 include:

- Revenue at ₹106,701 million; growth of 10.6%
- USD Revenue at $1,259 million; growth of 8.9% in constant currency
- EBIT margin at 14.9%
- Net profit at ₹12,667 million
- Final dividend of ₹38 per share recommended by the Board

"In Q4, we continued our large deal momentum recording the highest-ever TCV bookings. The large deal pipeline has been robust on the back of value enhancement across the clients' product lifecycle and digital transformation journey.

We delivered 8.9% revenue growth in constant currency in FY25. In Q4, we had a strong sequential growth of 10.7%, which was led by Tech and Sustainability segments in a quarter of tightening market conditions.

During the quarter, we completed the acquisition of Intelliswift allowing us to address new markets in Service-led sectors. We achieved three notable milestones, crossing INR 10,000 crore in annual revenue, surpassing 1,500 patent filings and being officially recognized as a Great Place to Work™ in the U.S. for the second year in a row, and in Japan for the first time ever

As we step into FY26, we see the technology landscape tilting sharply towards AI and Automation, providing us with new opportunities to develop AI led solutions. Based on the large deal bookings closed during the quarter, in our view, FY26 will be a better year than FY25. We also reaffirm our medium-term outlook of USD 2 billion revenue." **said Amit Chadha, CEO & Managing Director, L&T Technology Services Limited.**

Highlights and Recognitions:

• Recognized by **Etihad Rail** at the **Global Rail Innovation Awards** for its **Innovative Way to Detect Visible Rail Defects in Real-Time.**

• Awarded the **Golden Peacock Innovation Management Award 2024,** for leadership in cutting-edge innovation initiatives for global businesses.

• LTTS has been officially recognized as a **Great Place to Work™ in the United States** for the second time in a row in **Japan** for the first time ever.

• Named as one of the **Best Organizations for Women 2025** by news channel **ET Now**.

• Honored with the **Sustainable Diversity Leader Award by Girls** at **Tech Nordics**.

Patents

Patents At the end of Q4FY25, the patents portfolio of L&T Technology Services stood at 1,502, out of which 929 are co-authored with its customers and the rest are filed by LTTS.

Human Resources

At the end of Q4FY25, LTTS' employee strength stood at 24,258.

Xometry to Announce First Quarter 2025 Financial Results on May 6, 2025

22 April 2025

Xometry, Inc., the global AI-powered marketplace digitizing manufacturing and driving greater supply chain resiliency, announced it will report its first quarter 2025 financial results before the market opens on Tuesday, May 6, 2025.

Xometry will host its conference call and webcast to discuss the results at 8:30 a.m. Eastern Time (5:30 a.m. Pacific Time) that day. In addition to its press release announcing its first quarter 2025 financial results, Xometry will release an earnings presentation, which will be available on its investor website at investors.xometry.com.

Xometry, Inc. First Quarter 2025 Earnings Presentation and Conference Call

- Tuesday, May 6, 2025
- 8:30 a.m. Eastern / 5:30 a.m. Pacific
- To register please use the following link:
- https://register-conf.media-server.com/register/BI31df644cf2e649c6a8d687a2096aafbb
- You may also visit the Xometry Investor Relations Homepage at investors.xometry.com to listen to a live webcast of the call

The earnings webcast presentation will be archived within the Investor Relations section of Xometry's website.

Implementation Investments

Bombardier to digitally transform the aircraft engineering process from concept through to production with Siemens Xcelerator

17 April 2025

Siemens Digital Industries Software announced that Bombardier, a global leader in aviation, focused on designing, manufacturing and servicing business jets and specialized mission platforms, has expanded its adoption of the Siemens Xcelerator portfolio of industry software for aircraft development to streamline its product engineering processes to meet the challenges of modern aerospace design and push the boundaries of innovation.

Bombardier has selected Siemens' NX™ software for 3D modeling, simulation and manufacturing during aircraft development and Capital™ software for electronic/electrical systems design. Bombardier has been a user of Siemens' Teamcenter® software for product lifecycle management (PLM) since 2018. This expansion of Siemens Xcelerator will enable Bombardier to leverage the comprehensive digital twin across the full aircraft lifecycle to improve performance and shorten program cycles. Bombardier is replacing its legacy system so they can create a seamless, integrated digital thread, leveraging Teamcenter as the digital thread backbone, to bring mechanical and electrical design together in a PLM-based collaborative environment.

Bombardier has also adopted Siemens' Mendix™ low-code platform. The company's first Mendix app improves efficiency for end-users with search functionality to connect outside application data with Teamcenter. The Siemens Xcelerator solution improves the quality and security of Bombardier's data while saving time and effort for the internal IT team.

"Bombardier's selection of a wider set of software from the Siemens Xcelerator portfolio demonstrates the value the company has realized from using our software as well as the value of a cohesive and comprehensive digital thread to optimize the aircraft development process and accelerate delivery of innovation," said Todd Tuthill, vice president of Aerospace & Defense Industry, Siemens Digital Industries Software. "We look forward to continuing our collaboration with Bombardier as we explore the future of a sustainable aerospace industry together."

"We are pleased to be working closely with Siemens to enhance and optimize our digital aircraft development process," said Glenn Chapnik, Senior Director, Engineering, Projects, Processes and Tools, Project Planning, Bombardier. "With the Siemens Xcelerator portfolio, we can transform our processing capabilities and maximize all parts of the manufacturing process, seamlessly ensuring a solid pathway for further acceleration and innovation."

Collaborating on workforce development

Bombardier is also collaborating with Siemens to reshape the future of its workforce by working with universities and schools to provide students access to Siemens' software to develop the skills they will need to successfully enter the industry after graduation.

"Using Siemens Xcelerator provides an integrated solution spanning across engineering disciplines and downstream users, which could facilitate the use of consistent processes and leverage collaboration across the enterprise. Bombardier looks forward to what we can achieve from these capabilities," added Chapnik.

Cosmecca Korea Successfully Implements Centric PLM to Speed New Product Development

22 April 2025

Centric Software®, the Product Lifecycle Management (PLM) market leader is pleased to announce that Cosmecca Korea Co Ltd., an Original Global Standard & Good Manufacturing (OGM) specialist has successfully gone live with Centric PLM™. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, outdoor, luxury, multi-category retail, grocery, food & beverage, cosmetics & personal care and consumer electronics to achieve strategic and operational digital transformation goals.

Cosmecca Korea is a global Original Design Manufacturer (ODM) that collaborates with international clients to provide high-quality products, including cosmetics research and development (R&D) and manufacturing. As a company that prioritizes R&D investment, it allocates approximately 3% of its annual revenue to R&D, developing a wide range of products, including premium formulations and raw materials, under its "Total Service" model.

In 2023, Cosmecca Korea selected Centric PLM to stay ahead of competitors by boosting product development efficiency and optimizing the manufacturing process. With Centric PLM in place, teams at Cosmecca Korea are already enjoying the benefits.

"The most noticeable advantage of using Centric PLM is the ability to access all important information and documents for product development in one place, significantly improving efficiency. It is also easier to address issues early on as we can see where a product is delayed in the Work Breakdown Structure (WBS) within the system," says a Cosmecca Korea representative.

A representative adds, "Centric PLM fosters greater synergy between Sales and R&D teams through improved accuracy of development briefs and increased visibility of project progress. This has significantly reduced lead times, resulting in increased client satisfaction."

Cosmecca Korea has streamlined global and national regulatory compliance using Centric PLM. "Centric PLM ensures that each developed formulation meets regulatory requirements and supports a rigorous quality verification process. This allows us to proactively understand corporate and national regulations, improving accuracy in the product development process."

By managing the product cost of R&D in Centric PLM, Cosmecca Korea's research, Sales, R&D and Pricing teams can now process their work more quickly and accurately.

"The ultimate goal is to reduce product development lead time by 30% and improve the product FIX rate by 20%. We have full confidence that Centric PLM will help us to achieve this," concludes a Cosmecca Korea representative.

"We are delighted that Cosmecca Korea has successfully gone live on Centric PLM," says Fabrice Canonge, President of Centric Software. "Cosmecca Korea is a true innovator in the cosmetics space, and this partnership will empower them to focus on delivering world-first products and be the leader in the industry. We are proud to partner with them in their business now and into the future."

Dansko Goes Live with Centric PLM to Streamline Workflows and Drive Growth

17 April 2025

Centric Software® is pleased to announce that Dansko, the renowned comfort footwear brand, has successfully gone live with Centric PLM™. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, luxury, footwear, outdoor, home and related goods like cosmetics & personal care as well as multi-category retail to achieve strategic and operational digital transformation goals.

Founded in 1990 in Pennsylvania, Dansko is a women-founded, employee-owned brand known for its iconic clogs and commitment to comfort. Trusted by professionals in healthcare, education and hospitality, its APMA Seal of Acceptance styles prioritize foot health. Dansko's collection is available in select U.S. and Canadian retailers and online.

As the company expanded and demand for its heritage products grew, managing product data became increasingly inefficient. Traditional methods proved challenging, leading Dansko to seek a robust PLM solution.

After evaluating several vendors, Dansko ultimately selected Centric Software. When asked about how they made their decision, VP of Sourcing Susan Li replies, "The system itself—the functionality and the design. It matches our process, plus we are excited about the integrations with our existing software."

As Dansko prepared for implementation, the team took a step back to evaluate and fine-tune its workflows. Li notes, "Going through the pre-implementation exercises allowed us to look at our existing processes and critically examine whether each step made sense to the overall flow."

Dansko's VP of Design Kelsey Jayne explains, "Updating all of the changes in the visual documents was a pain point, so having Centric connect with Adobe Illustrator is a huge plus for our team. With Centric PLM we will have more time to focus on the design and creative aspects. In addition, the system is very clean and user-friendly. It is easy to search and find the data you're looking for. That's very helpful and something we can't do in spreadsheets."

Jayne adds, "Expanding into new product categories was challenging due to varying manufacturing requirements." Centric PLM handles growth with ease—organizing product data, streamlining workflows and capturing multiple processing modes, all in one digital location.

Dansko is impressed with how the Centric Software team configured the system to fit its needs. The company plans to integrate enterprise resource planning (ERP) in the next phase. Li

explains, “When our systems talk to each other, the information will flow from PLM to ERP, which is going to increase the accuracy, efficiency and reduce duplication of work.” Li continues, “and we love the reports that are automatically generated. This speaks to the efficiency of Centric PLM.”

President of Centric Software, Fabrice Canonge says, “We are happy that Dansko, a comfort footwear company, has chosen Centric PLM to enable growth. By automating previously time-consuming tasks, Centric PLM gives teams the space to focus on creativity and innovation, driving new product development.”

EON Reality Ignites Poland’s Defense Modernization with Spatial AI & XR, Forging an AI-Ready Polish Armed Forces at Unprecedented Speed

17 April 2025

EON Reality, the world leader in AI-assisted Virtual Reality and Augmented Reality-based knowledge transfer for industry and education, announced a pivotal strategic initiative designed specifically to support **Poland’s ambitious defense modernization program** and its critical role on NATO’s Eastern Flank. This initiative launches the specialized **“AI Academy for Defense – Polish Modernization Track,”** supercharged by EON Reality’s revolutionary **Spatial AI technology**. EON Reality aims to build vital partnerships with the Polish Ministry of National Defence (MoND), the Polish Armed Forces training commands, key academic institutions like the Military University of Technology (WAT), and Poland’s defense industry leaders (such as PGZ Group) to deploy a **transformative XR and AI training ecosystem**. This program is engineered to rapidly empower Polish military personnel with the **critical, AI-era skills** required to effectively operate and maintain the advanced Western systems Poland is rapidly acquiring.

The Why: Bridging the Advanced Skills Chasm for Poland’s Accelerated Defense Transformation

Poland is undertaking one of Europe’s **most significant and rapid defense modernizations**, committing 4% of its GDP to defense—the highest percentage in NATO. This involves massive investments in cutting-edge systems like Patriot air defense, Abrams and K2 main battle tanks, F-35 fighter jets, and HIMARS rocket artillery. This **unprecedented capability leap**, however, creates an **urgent training challenge**: bridging the **advanced skills chasm**. Polish forces must rapidly transition from legacy Soviet-era equipment, master diverse and complex Western technologies simultaneously, and integrate these systems effectively within a **NATO interoperability framework**. **Traditional training methods** struggle to meet the sheer scale, speed, technical complexity, and safety requirements demanded by this transformation, potentially delaying the operational effectiveness of Poland’s **crucial defense investments** and impacting its **Eastern Flank security posture**.

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

EON Reality offers a **holistic, AI-accelerated solution** meticulously designed to address Poland's unique defense training requirements. This initiative leverages the full potential of the EON Reality ecosystem, customized for the Polish Armed Forces:

- **The EON-XR Platform:** The secure, scalable **technological foundation** enabling the rapid creation, deployment, and management of **photorealistic, interactive 3D training simulations** mirroring the specific equipment entering Polish service (Patriot, Abrams, K2, F-35, HIMARS etc.). The platform's core includes the **revolutionary Spatial AI Text-to-XR capability**, allowing Polish technical manuals, SOPs, or even basic text descriptions to be instantly converted into **interactive XR training modules in under 80 seconds**. This dramatically accelerates the development of **relevant, up-to-date Polish-language training content**.
- **Specialized AI Academy for Defense – Polish Modernization Track:** A **dedicated workforce pipeline program** focused on Poland's modernization priorities. It seamlessly blends immersive XR simulation (e.g., operating Patriot fire control, conducting Abrams maintenance, employing HIMARS tactics) with **AI-personalized learning pathways**. This approach rapidly builds deep procedural knowledge and practical skills, grants **industry-validated micro-credentials**, and connects graduates directly with roles in the Polish Armed Forces and supporting defense sector.
- **EON Career Guide & Compass:** Intelligent AI tools empowering Polish personnel to navigate complex career paths within the modernizing Armed Forces and the growing **Polish defense industry**, identify skill gaps for new equipment, and access **customized learning plans** to achieve operational readiness faster.
- **AI-Era Polish Military Curriculum:** Developed in close collaboration with **Polish military SMEs and industry partners (like PGZ Group)**, featuring dynamic modules. This curriculum goes beyond technical operation, explicitly training personnel for **human-AI collaboration**, interpreting data from advanced sensors, and operating effectively in highly **digitized, multi-system environments**.

This integrated ecosystem provides **hyper-realistic virtual training scenarios** relevant to Poland's operational environment and NATO commitments. It accelerates the development of not just technical proficiency but also the **critical cognitive adaptability** needed for modern warfare. EON Reality's methodology demonstrably allows personnel to master complex military systems up to **4x faster** than traditional approaches, significantly shortening the time to **achieve full operational capability** with new equipment.

The How: Synergistic Partnerships & Scalable, Targeted Deployment in Poland

This critical Polish initiative depends on a **synergistic collaborative framework**. EON Reality is actively establishing alliances with key Polish institutions:

- **Government & Military Leadership (e.g., MoND, General Staff, Training & Education Directorate):** Providing strategic oversight, defining specific training requirements tied to acquisition timelines, ensuring alignment with **NATO interoperability standards**, and facilitating integration within the Polish Armed Forces structure.

- **Academic & Training Institutions (e.g., Military University of Technology (WAT), Service Training Centers):** Serving as **key deployment hubs** and centers of excellence, integrating cutting-edge XR/AI training into existing curricula, providing instructional expertise, and potentially developing **Polish-specific training innovations**.
- **Polish Defense Industry (e.g., PGZ Group, WB Electronics):** Collaborating on defining skill needs for locally produced or integrated systems, validating the **technical fidelity of virtual equipment models**, providing subject matter expertise, and creating pathways for skilled personnel into the **defense industrial base**.

Deployment strategies will be **flexible and adaptable**, potentially including dedicated **AI Academy centers** co-located with major Polish bases, integration into existing military training facilities, **mobile XR training units** for deployed forces or territorial defense units, and robust **Polish-language train-the-trainer programs** to build long-term national self-sufficiency and expertise.

Key Benefits for Poland's Defense Modernization:

- **Unprecedented Speed-to-Competency:** Drastically cut training time (by up to **60%**) for critical roles on newly acquired systems (Patriot, Abrams, K2, F-35, HIMARS), enabling Polish forces to master essential skills **4x faster** and meet **accelerated fielding schedules**.
- **Exceptional Skill Mastery & Quality:** Achieve **superior proficiency** and first-time qualification rates (over **95%**) on complex Western systems through immersive, adaptive practice, boosting knowledge retention by over **75%**.
- **Absolute Safety Assurance:** Conduct **zero-risk training** for operating advanced weapon systems, handling munitions (e.g., HIMARS rockets), and executing complex emergency procedures in **ultra-realistic virtual simulations**.
- **Revolutionary Content Agility:** Instantly create or update Polish-language training modules using **Spatial AI Text-to-XR**, ensuring training remains perfectly aligned with software updates, evolving tactics, and **NATO standards**.
- **Scalable & Cost-Efficient Delivery:** Significantly reduce the overall cost of training (up to **65% savings**) associated with Poland's massive procurement programs, allowing for broader training reach and optimizing defense budget allocation via the cloud-based platform.
- **AI-Ready, Future-Proof Polish Armed Forces:** Develop personnel adept not just technically, but skilled in essential **AI-era competencies** required for modern combined arms operations, including data analysis, **human-machine teaming**, and operating within networked environments.
- **Strengthened NATO Eastern Flank:** Directly enhance Poland's ability to quickly field and effectively employ its new capabilities, significantly bolstering its **deterrence posture** and its contribution to **collective NATO defense**.

Comparison: Traditional Polish Military vs. EON Reality's AI-Era Approach (with Spatial AI)

Feature	Traditional Polish Military Training	EON Reality XR & AI Approach (Polish Fo
Content Creation Speed	Months/Years, challenging for diverse new systems	**Seconds (under 80)** via Spatial AI Text-to Polish-adaptable
Learning Speed	Standard pace, sequential	**Up to 4x Faster**, accelerates readiness
Skill Focus	Primarily technical procedures, Soviet-era carryover	Technical skills + **Western Systems Integration** & AI/Data Skills
Safety Training	Limited/risky live practice for complex systems	**Risk-Free Immersion** in advanced syster emergencies
Equipment Practice	Extremely limited access to new, scarce platforms	**Unlimited Practice** on virtual Polish inve replicas
Human-Machine Interaction	Legacy focus	**Explicit Training** for modern digital syste integration
Adaptability & Updates	Slow curriculum adaptation	**Instant Content Updates** for system/do changes
Cost Efficiency	Very high (new equipment, ammo, facilities)	**Significant Cost Reduction**, optimizes modernization budget
Job Readiness	Long ramp-up for new systems, integration challenge	**Operationally Ready Faster**, improved N interoperability

Expanded Targeted Use Cases for Polish Armed Forces Training:

(Includes scenarios readily generated/enhanced by Spatial AI)

- **Patriot & IBCS Operator/Maintainer Training:** Mastering the complex interfaces, engagement procedures, and maintenance tasks for Poland's layered air defense system within integrated virtual environments. *(AI converts technical manuals & doctrine)*
- **Abrams & K2 Tank Crew Gunnery & Tactical Training:** Developing individual crew proficiency and platoon/company level tactical skills, including combined arms

operations with Borsuk IFVs, in realistic Polish terrain. *(AI generates diverse tactical scenarios)*

- **F-35 Pilot & Maintainer Familiarization:** Accelerating initial qualification through immersive cockpit procedures, system understanding, and complex maintenance task training before aircraft arrival. *(AI converts flight/maintenance manuals)*
- **HIMARS Crew Operation & Fire Mission Processing:** Practicing launcher operation, command system interaction, and rapid execution of fire missions within simulated tactical networks integrated with Polish C2 systems. *(AI simulates C2 data & target effects)*
- **Borsuk IFV Crew & Maintenance Training:** Training on digital systems, weapon employment, and maintenance specific to Poland's indigenous IFV platform. *(AI assists in modeling unique systems)*
- **NATO Interoperability Procedures:** Practicing standardized NATO communication protocols, reporting formats, and tactical procedures within multinational virtual exercises alongside allied units.
- **Territorial Defense Force (WOT) Training:** Providing scalable, accessible training on basic soldier skills, equipment operation (e.g., anti-tank weapons), and local area defense scenarios using mobile XR solutions.
- **AR-Guided Maintenance for Diverse Western Equipment:** Utilizing AR overlays for real-time guidance during maintenance tasks on the variety of new equipment entering Polish service. *(AI converts diverse manuals to AR)*

"Poland's commitment to strengthening its defenses and supporting NATO's Eastern Flank is truly remarkable, but acquiring advanced technology is only half the equation," stated Dan Lejerskar, Chairman of EON Reality. "The **critical factor is rapidly developing the skilled personnel** to maximize the potential of these investments. EON Reality's **Spatial AI and XR platform** provides Poland with a **transformative capability** to achieve this. We can deliver **highly specialized, Polish-context training 4x faster** and more cost-effectively than ever before, ensuring the Polish Armed Forces are not just equipped, but **truly ready and proficient** with the best technology available. This initiative is about **accelerating Poland's readiness** at this crucial moment for European security."

EON Reality Launches Initiative to Power Germany's Zeitenwende with Spatial AI & XR, Forging an AI-Ready Bundeswehr Workforce at Unprecedented Speed

16 April 2025

EON Reality, the world leader in AI-assisted Virtual Reality and Augmented Reality-based knowledge transfer for industry and education, today announced a landmark strategic initiative targeting the specific needs of Germany's defense modernization and the *Zeitenwende*. This initiative introduces the specialized **"AI Academy for Defense – Bundeswehr Transformation Track,"** powered by EON Reality's revolutionary **Spatial AI technology**. Designed to forge vital partnerships with the Federal Ministry of Defence (BMVg), Bundeswehr training commands,

educational institutions (like Bundeswehr Universities), and leading German defense contractors (such as Rheinmetall, KMW, Hensoldt), this program will deploy a **transformative XR and AI training ecosystem**. The goal is to rapidly equip Bundeswehr personnel with the **critical, AI-era skills** demanded by Germany's €100 billion special fund investments and its pivotal role in NATO and EU security.

The Why: Bridging the Advanced Skills Chasm for Germany's €100 Billion Defense Modernization

Germany stands at a **historic turning point**, undertaking a monumental reinvestment in its defense capabilities fueled by the €100 billion special fund and increased annual budgets. This involves acquiring and integrating highly sophisticated systems like the F-35, PUMA IFV, expanding the European Sky Shield contribution (Patriot, IRIS-T), digitizing land forces (D-LBO), and modernizing naval assets (F126). However, this **ambitious modernization** hinges on resolving a **critical dependency**: the **advanced skills chasm**. Modern defense platforms are complex, networked ecosystems demanding not only technical mastery but also **seamless human-AI collaboration**, multi-domain awareness, and rapid adaptability. **Traditional Bundeswehr training methodologies**, while robust, face challenges in speed, scalability, safety for complex procedures, and developing the specific **AI-era competencies** needed. This skills gap risks undermining the effectiveness of Germany's substantial investment and its ability to meet evolving **NATO and EU commitments**.

The What: EON Reality's Integrated Ecosystem, Powered by Spatial AI for Bundeswehr Readiness

EON Reality delivers a **holistic, AI-supercharged solution** specifically architected to meet Germany's defense training challenges. This initiative leverages the full power of the EON Reality ecosystem, tailored for the Bundeswehr:

- **The EON-XR Platform:** The core **technological foundation** – a secure, cloud-based SaaS solution enabling the rapid creation, deployment, and scaling of **photorealistic, interactive 3D training simulations** for German military systems. Crucially, the platform now features the **breakthrough Spatial AI Text-to-XR capability**. This allows technical manuals, standard operating procedures (SOPs), existing curricula, or simple text prompts related to Bundeswehr equipment (e.g., PUMA maintenance, F-35 operations) to be converted into **interactive XR learning experiences in under 80 seconds**, revolutionizing content creation speed and agility for the German context.
- **Specialized AI Academy for Defense – Bundeswehr Transformation Track:** A **laser-focused workforce pipeline** program designed for German requirements. It expertly blends XR simulation (e.g., operating PUMA IFV digital systems, F-35 maintenance procedures) with **AI-personalized learning journeys**. It hones practical skills through risk-free repetition, grants **Bundeswehr-relevant micro-credentials**, and establishes direct pathways to roles within the Bundeswehr and Germany's defense industry.
- **EON Career Guide & Compass:** Intelligent AI tools enabling Bundeswehr personnel (active duty and transitioning) to explore diverse military and **defense industry career**

pathways within Germany, benchmark skills, and visualize **customized learning roadmaps** for roles demanded by the *Zeitenwende*.

- **AI-Era Bundeswehr Curriculum:** Developed collaboratively with **German military experts and industry partners**, featuring dynamic modules (see use cases below). This curriculum focuses not just on technical mastery of specific German systems but explicitly addresses the nuances of **working alongside AI**, utilizing predictive analytics, managing complex automation, and ensuring personnel are proficient **digital collaborators** ready for networked, multi-domain operations.

This integrated approach moves training beyond theory. Bundeswehr trainees are immersed in **hyper-realistic virtual scenarios** relevant to German operational contexts (e.g., European Sky Shield integration, D-LBO exercises), building deep practical skills and the essential **cognitive adaptability** for modern, digitized warfare. EON Reality's methodology demonstrably enables learning complex military skills up to **4x faster** than traditional methods, producing **mission-ready personnel** more quickly.

The How: Synergistic Partnerships & Scalable, Targeted Deployment in Germany

This ambitious German initiative is built on a **synergistic collaborative framework**. EON Reality is actively forging alliances with key German institutions:

- **Federal Agencies (e.g., BMVg, BAAINBw):** Providing strategic direction, ensuring alignment with Bundeswehr modernization goals (Zeitenwende), defining security requirements, and facilitating connections across the German defense landscape.
- **Educational & Training Leaders (e.g., Bundeswehr Universities, Service Training Commands):** Acting as **primary deployment hubs**, integrating cutting-edge XR/AI training into existing programs, contributing instructional expertise, and extending the reach to military personnel across Germany.
- **German Defense Industry (e.g., Rheinmetall, KMW, Hensoldt, Airbus Defence & Space):** Playing a critical role in defining **precise skill requirements** for new platforms, validating the technical accuracy of training content (digital twins), providing subject matter expertise, and offering pathways for practical experience and future employment for graduates.

Deployment will be **flexible and results-oriented**, using options like establishing state-of-the-art **AI Academy centers** near major bases, seamless integration into existing Bundeswehr training facilities, **mobile XR training units** for field deployment or reserve training, and comprehensive **train-the-trainer programs** to cultivate long-term German expertise and self-sufficiency.

Key Benefits for Germany's Defense Ecosystem:

- **Unprecedented Speed-to-Competency:** Utilize XR and AI to dramatically reduce training time (by up to **60%**) for critical Bundeswehr roles (e.g., F-35 maintainers, PUMA crews, cyber operators), enabling learners to master skills **4x faster** to meet urgent operational and **NATO commitment timelines**.

- **Exceptional Skill Mastery & Quality:** Achieve **industry-leading proficiency** on complex German systems, reflected in over **95% first-time pass rates** on critical assessments. Boost knowledge retention by over **75%** through immersive, corrective practice.
- **Absolute Safety Assurance:** Conduct **zero-risk training simulations** for operating sophisticated equipment (e.g., F126 frigates), handling hazardous materials specific to German regulations, and executing emergency protocols within **ultra-realistic virtual environments**.
- **Revolutionary Content Agility:** Instantly create or update Bundeswehr training modules using **Spatial AI Text-to-XR** from simple text or existing documentation, ensuring curriculum stays perfectly synchronized with **rapid technological evolution** and evolving operational doctrines (like MDO).
- **Scalable & Cost-Efficient Delivery:** Significantly reduce overall training costs (up to **65% savings**) for the Bundeswehr and rapidly scale **high-quality training capacity** across Germany via the cloud-based platform, optimizing the use of the €100bn special fund and annual budgets.
- **AI-Ready, Future-Proof Talent:** Cultivate a Bundeswehr workforce adept not just technically, but skilled in crucial **AI-era competencies**: data analysis, **human-AI teaming**, predictive system interaction, and complex problem-solving crucial for D-LBO and future systems.
- **Turbocharged Strategic Impact:** Directly underpin the success of Germany's **Zeitenwende investments**, accelerate filling critical Bundeswehr personnel gaps, enhance **Germany's contribution to NATO/EU collective defense**, and solidify its role as a leading European military power with a technologically advanced, highly skilled force.

Comparison: Traditional Bundeswehr vs. EON Reality's AI-Era Approach (with Spatial AI)

Feature	Traditional Bundeswehr Training	EON Reality XR & AI Approach (Bundeswehr
Content Creation Speed	Months/Years, resource-intensive	**Seconds (under 80)** via Spatial AI Text-to-XR agile
Learning Speed	Standard pace	**Up to 4x Faster**, accelerated mastery
Skill Focus	Primarily technical procedures	Technical skills + **AI/Automation Interaction** Multi-Domain Ops
Safety Training	Classroom theory, limited/risky practical	**Risk-Free Immersion** in complex/hazardous scenarios

Equipment Practice	Extremely limited/costly access to real systems	**Unlimited Practice** on virtual high-fidelity G equipment
Human-Machine Interaction	Minimal focus	**Explicit Training** on collaborating with AI & automation
Adaptability & Updates	Slow curriculum updates	**Instant Content Updates**, keeps pace with tech/doctrine changes
Cost Efficiency	Very high (equipment, facilities, downtime)	**Significant Cost Reduction** through simulati content
Job Readiness	Longer ramp-up time on the job	**Mission-Ready**, reduced onboarding needs

Expanded Targeted Use Cases for German Bundeswehr Training:

(Includes scenarios readily generated/enhanced by Spatial AI)

- **Virtual System Familiarization & Operation (PUMA IFV, F-35, F126 Frigate):** Mastering complex digital cockpits, crew stations, and operational procedures in XR before accessing scarce real equipment. *(AI converts SOPs)*
- **Interactive Maintenance & Troubleshooting (Leopard 2A8, Eurofighter, NH90):** Detailed, step-by-step virtual procedures for complex maintenance tasks, including diagnosing simulated faults using AI-guided diagnostic trees. *(AI generates diverse fault scenarios)*
- **European Sky Shield (ESS) Operator Training (Patriot, IRIS-T):** Practicing target detection, identification, engagement, and coordination within integrated, multi-national air defense scenarios, including complex EW environments. *(AI creates varied threat profiles & EW effects)*
- **Digitalization of Land-Based Operations (D-LBO) Training:** Simulating network-centric operations, practicing C2 procedures within digitized command posts, managing data flow, and responding to AI-driven alerts. *(AI simulates network dynamics)*
- **NATO/EU Interoperability & Coalition Training:** Practicing standardized procedures and communication protocols alongside virtual counterparts from allied nations within shared immersive environments.
- **Hazardous Materials Handling & CBRN Defense:** Risk-free immersive practice of handling hazardous materials specific to Bundeswehr inventory and executing decontamination procedures. *(AI creates varied emergency drills)*

- **Human-AI Teaming for Future Systems (MGCS, FCAS):** Developing skills for effective collaboration with future AI-enabled and autonomous systems, understanding AI decision-making, and managing autonomous operations.
- **AR-Guided Field Maintenance & Logistics:** Simulating technicians using AR headsets for real-time guidance during maintenance or logistics tasks in deployed environments, potentially linked to Bundeswehr inventory systems. *(AI converts maintenance manuals to AR)*

"Germany's *Zeitenwende* is not just about investing in hardware; it's fundamentally about investing in the highly skilled personnel who will operate, maintain, and command these advanced capabilities," stated Dan Lejerskar, Chairman of EON Reality. "Traditional training cannot keep pace. Our **Spatial AI breakthrough**, integrated into our proven XR platform, offers the Bundeswehr an unprecedented ability to create and deploy **highly effective, tailored training at the speed of relevance**. We can equip German soldiers, sailors, and airmen with complex, **AI-era competencies 4x faster**, ensuring the €100 billion investment translates directly into enhanced operational readiness and a stronger, more capable German contribution to **NATO and European security**."

HEITEC Expands Deployment of Aegis Software's FactoryLogix MES to Boost Sustainable Manufacturing

23 April 2025

Aegis Software a global provider of Manufacturing Execution System (MES) software announces that HEITEC's business unit Elektronik, a leading manufacturer of complex electronic solutions based in Eckental, Germany, is expanding its use of the FactoryLogix® MES platform to additional products. Building on the success of its initial implementation in 2021, HEITEC is scaling its FactoryLogix deployment to drive greater production efficiency, automation, and data-driven decision-making.

"In the recent years, FactoryLogix has driven the development of our manufacturing processes in terms of traceability, process interlocking according to test steps, and worker guidance, while transitioning to a fully paperless environment. [...] Looking ahead, we plan to fully automate our factory and integrate data from all sources into FactoryLogix, enabling even more extensive traceability and deeper process insights."

Since implementing the FactoryLogix IIoT-based MES platform, HEITEC has fully digitized its manufacturing processes, eliminating the inefficiencies and risks associated with paper-based documentation. The platform's end-to-end traceability capabilities, from incoming material logistics control through generation of complete final assembly "as-built" records, have provided a competitive advantage by helping HEITEC meet stringent ISO certification requirements.

With this current expansion, HEITEC is strengthening its commitment to lean manufacturing and operational excellence, unlocking new efficiencies and increasing production capacity. HEITEC is further enhancing visibility across all processes to drive even greater efficiency,

leveraging expanded quality and process reporting along with deeper factory KPI analysis through FactoryLogix. Additionally, HEITEC aims to further automate the entire shop floor to unlock additional capacity, drive continuous improvement, and support its long-term growth strategy.

"In recent years, FactoryLogix has driven the development of our manufacturing processes in terms of traceability, process interlocking according to test steps, and worker guidance, while transitioning to a fully paperless environment. This transformation has enabled our employees to focus on higher-value tasks, driving more efficient production and improving overall throughput. Looking ahead, we plan to fully automate our factory and integrate data from all sources into FactoryLogix, enabling even more extensive traceability and deeper process insights," explains Stefan Pechtel, Head of Operations at HEITEC in Eckental.

“We are very proud that HEITEC is expanding its partnership with Aegis Software,” states Daniel Walls, Managing Director, EMEA, at Aegis Software. “HEITEC has successfully leveraged FactoryLogix for several years, and this expansion will strengthen their ability to further streamline operations, improve material flow, and scale production. Through regular audits and close collaboration, we will support HEITEC in driving process improvements and maximizing the benefits of FactoryLogix to enhance operational efficiency, increase agility, and ensure long-term competitiveness.”

Koenig & Bauer speeds up digital transformation in the printing press industry with Siemens Xcelerator

23 April 2025

Together with Koenig & Bauer, a global printing press manufacturer, technology company Siemens will accelerate development and commissioning processes for printing presses with a new machine automation platform. The standardized and modular automation platform enables machine building customers to create predictive maintenance models and performance dashboards for individual machine components. The companies are working together to help machine builders find their optimal machine configuration using a digital twin with Siemens’ Teamcenter® software for Product Lifecycle Management (PLM) and Siemens NX™ software for product design and engineering. This helps them to create and maintain an accurate and synchronized virtual representation of their machine.

Simatic AX software capabilities are also available to customers for programming and maintaining Siemens PLCs (programmable logic controllers) – which reduces time-to-market, increases product quality, and enhances the maintainability of the control software. The offerings will be available on the Siemens Xcelerator Marketplace.

“The partnership with Koenig & Bauer is proof of Siemens’ dedication to spearheading the digital transformation in the machine industry,” said Rainer Brehm, CEO of Factory Automation at Siemens. “By combining Koenig & Bauer’s expertise in high-tech printing technology with the Siemens Xcelerator portfolio, we’ll deliver comprehensive, flexible, and future-oriented solutions that meet the evolving demands of our customers.”

"This partnership is an important step in sustainably strengthening our innovative capacity and market position," added Dr Andreas Pleßke, CEO of Koenig & Bauer. "By combining our expertise with the technological know-how of Siemens, we're creating synergies that will allow groundbreaking developments in mechanical engineering."

The collaboration between Siemens and Koenig & Bauer is enabling the development of a seamless combination of hardware and software functionalities and the collection and evaluation of detailed machine data on the condition of machine components. This will ultimately increase flexibility, efficiency, and competitiveness for the printing press industry.

Robi Decking Partners with BIMsmith to Launch New BIM Tools for Architects and Designers

16 April 2025

Robi Decking, a leading manufacturer of premium hardwood decking and architectural wood products, has announced a partnership with BIMsmith, the leading product research platform for building professionals, for the development of new Building Information Modeling (BIM) tools for architects, designers, and other building professionals.

The partnership includes a set of new Building Information Modeling (BIM) product models for Robi Decking's line of sustainably harvested hardwood decking, rainscreen siding, porch flooring, and architectural wood products. These digital models contain key data representing geometric and aesthetic properties, supporting more accurate early-stage design. Each model is natively built for Autodesk Revit, the global leader in BIM design software.

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

"Architects are constantly seeking materials that bring durability, sustainability, and natural beauty into their projects," said Elizabeth Earley, Marketing Manager at Robi Decking. "With our new BIM content, we're making it easier than ever for design professionals to visualize and specify our products right from the start of their workflow."

"Robi Decking's commitment to sustainability and quality craftsmanship adds real value to today's architectural palette," said Benjamin Glunz, CEO of BIMsmith. "We're excited to help bring Robi's premium hardwood products into the hands of building professionals worldwide through BIMsmith."

SDC Verifier Signs Memorandum of Understanding with Kunsan National University

16 April 2025

We are pleased to share an important milestone for SDC Verifier in strengthening our presence in the Republic of Korea.

On the 11th of April, 2025, in Delft University of Technology, SDC Verifier, represented by our CEO Wouter van den Bos and COO Oleg Ishchuk, has officially signed a **Memorandum of Understanding** with Professor Daeyong Lee of Kunsan National University. This agreement

marks the beginning of a promising partnership aimed at fostering collaboration in the field of structural verification in offshore wind energy.

The signing ceremony was a moment of mutual recognition and shared vision.

We look forward to close and fruitful cooperation that bridges academic research with cutting-edge industrial applications.

We would also like to express our sincere appreciation to our trusted partner in the Republic of Korea, **TAE SUNG S&E Inc.**, for their continuous support.

Stay tuned for more updates as we take this exciting step forward together!

Simulations Plus Supports New FDA Roadmap for Reducing Animal Testing in Preclinical Safety Studies

21 April 2025

Simulations Plus, Inc. ("Simulations Plus"), a leading provider of cheminformatics, biosimulation, simulation-enabled performance and intelligence solutions, and medical communications to the biopharma industry, announced its support of the U.S. Food and Drug Administration's (FDA) recently announced roadmap for reducing animal testing through the use of new approach methodologies (NAMs). Simulations Plus has long provided the industry-leading software and consulting service expertise to successfully implement the FDA roadmap.

"We are excited to see that the FDA is elevating its continued commitment to reduce animal testing through innovative science, as outlined in the new *Roadmap to Reducing Animal Testing in Preclinical Safety Studies* ," said Shawn O'Connor, Chief Executive Officer of Simulations Plus. "The science has evolved—today, modeling and simulation can offer human-relevant insights that not only complement but in many cases can begin to replace traditional animal studies. This allows our clients to get new treatments to patients faster and improve lives around the world. At Simulations Plus, we've supported this vision for nearly 30 years, and we're proud that our software and services are helping to make it a reality. Having collaborated with the FDA on more than 15 projects over the past decade, we understand the agency's focus on integrating new methodologies like computational modeling that will help reduce and eventually eliminate animal testing. This roadmap is an important step toward a future where safer, faster, and more sustainable drug development is possible, and we look forward to continuing our close collaboration with the FDA and industry to support this important transformation."

Over the past four decades, modeling and simulation for drug development has gained traction within the pharmaceutical industry and achieved broad acceptance by global regulators. Approaches such as population pharmacokinetics (popPK), exposure-response analysis, and physiologically based pharmacokinetic (PBPK) modeling are now widely used to support regulatory submissions and interactions. The new FDA roadmap outlines a path to incorporate methodologies such as organ-on-a-chip, advanced *in vitro* assays, and computational modeling in preclinical safety studies, with an initial focus on monoclonal antibody (mAb) testing.

Simulations Plus software platforms are utilized by mAb-focused researchers for key decision-making, including:

- GastroPlus accelerates the assessment of dosing and delivery strategies needed to achieve desired clinical endpoints, enabling researchers to reduce—and in some cases, eliminate—animal testing during non-clinical development.
- MonolixSuite™, a fast, easy-to-use, and powerful suite of applications for pharmacometrics analysis, modeling, and simulation employs algorithms ideally suited to leverage model-based translation from sparse pre-clinical data to support prediction of human outcomes as well as to simulate efficient study designs in silico to further optimize development programs and enhance a compound's benefit-risk profile.

In addition, Simulations Plus' software and consulting services are regularly relied upon by researchers to predict efficacy and safety of compounds and prioritize top drug candidates for further development—contributing to a reduction in animal testing and more focused clinical trials. Some of these other Simulations Plus platforms include:

- ADMET Predictor®, the flagship machine learning (ML) platform for ADMET modeling, with extended capabilities for data analysis, metabolism prediction, and AI-driven drug design.
- DILIsym®, the leading quantitative systems toxicology (QST) platform for predicting and explaining drug-induced liver injury (DILI).
- OBESITYsym™, the only quantitative systems pharmacology (QSP) platform for predicting drug efficacy for weight loss and nausea side effects.

Pharmaceutical companies also leverage the expertise of Simulations Plus consultants during development in the areas of PBPK, quantitative systems pharmacology/toxicology (QSP/QST), clinical pharmacology and pharmacometrics. Simulations Plus' PBPK services team delivers high-value scientific expertise to help clients replace or reduce animal testing by developing and validating predictive PBPK models that integrate standard *in vitro* and *in silico* data to simulate human and animal pharmacometrics. GastroPlus currently includes eight animal species and human models, including non-human primates, minipigs and dogs. By tailoring these models to specific program needs—including interspecies extrapolation, first-in-human dose selection, and safety margin assessments—the team supports regulatory submissions that align with NAMs, helping clients accelerate development timelines while promoting ethical research practices.

"We applaud the FDA's forward-thinking approach to advancing non-animal methodologies, particularly for monoclonal antibody development," said John DiBella, President of PBPK Solutions of Simulations Plus. "At Simulations Plus, we've been pioneering the integration of artificial intelligence and machine learning (AI/ML) with mechanistic modeling for years—delivering predictive, human-relevant insights and toxicology forecasting for our clients. Our software has already been at the center of dozens of peer-reviewed publications validating our approach in the mAb research space. We are dedicated to advancing the industry through innovative, proven tools that accelerate this crucial regulatory evolution."

"Quantitative systems toxicology (QST) modeling will be essential in reducing reliance on animal testing by predicting toxicologic risk for patients as well as providing mechanistic insights into drug safety that are grounded in human biochemistry and physiology," said Steven Chang, President of QSP Solutions of Simulations Plus. "Our safety-focused modeling approaches have long been used to inform regulatory as well as pharma company decision-making to identify safe and effective dosing paradigms. Our QST model, BIOLOGXsym, is well-positioned to bridge the need for reduced animal testing by incorporating 'liver-on-a-chip' data as inputs to help drug developers assess and improve liver safety in large molecules, including mAbs. We're proud to offer some of the most trusted and widely used toxicology modeling software platforms in the industry, empowering our partners to confidently align with the FDA's vision for the future."

Many organizations will need more than new modeling tools and *in vitro* systems. To follow the FDA roadmap, companies not currently incorporating NAMs into their development processes and timelines may also require consulting services, regulatory guidance and training on new tools.

"The FDA's roadmap sends a clear signal that the future of preclinical safety assessment lies in innovative, non-animal methodologies—and modeling and simulation will be central to that shift," said Sandra Suarez-Sharp, President of the Regulatory Strategies Center of Excellence of Simulations Plus. "Software and models are already available to support several modeling activities, but where many biopharmas may encounter challenges is in developing regulatory strategies that effectively incorporate the key points outlined in the FDA's roadmap. At Simulations Plus, we are positioned to help companies interpret and apply emerging expectations, offering expert guidance to integrate modeling and simulation and risk assessment into regulatory strategies with confidence and credibility."

Simulations Plus is pleased to introduce NAMVantage ™, its flagship package offering PBPK and QSP software, professional services and regulatory strategy combined with built-in coaching and training. This comprehensive solution offers clients full support for the FDA's NAM roadmap. In addition, companies seeking immediate training for their scientists will find quick access through the Learning Services program , which offers workshops and on-demand courses, and the popular MIDD+ events that offer free in-person training. For more in-depth training on actual projects, the Consult +Coach program allows researchers to learn alongside expert modelers during a consulting study.

Team Penske extends its sustainability leadership with Capgemini's advanced reporting dashboard

22 April 2025

Capgemini announced an extended agreement with Team Penske to roll out its Sustainability Data Hub (SDH), further accelerating Penske's position as a sustainability trailblazer in motorsports. Capgemini's cutting edge platform will help enable Penske to streamline efficiencies in environmental reporting and unlock deeper insights to help reduce its carbon footprint.

With Capgemini's SDH, Team Penske will bring greater automation and transparency to its sustainability reporting across operations. The platform enables on-demand data collection, reporting, and robust compliance monitoring, giving Team Penske the tools to make informed, data-driven decisions as it advances its sustainability strategy. The valuable insight will help directly drive efficiencies across the wider organization.

The announcement builds on Team Penske's milestone achievement of becoming the first major motorsports team to fuel all tractors and support equipment for headline races with renewable diesel – setting a new standard for the racing industry. This continued collaboration between Penske and Capgemini reflects a growing demand across high-performance industries for scalable, tech-driven solutions that inspire sustainability initiatives.

"At Team Penske, we strive for best-in-class performance both on and off the track. The data hub we've built with Capgemini will supercharge our existing sustainability programs by enabling us to make data-driven decisions as we continue to find ways to reduce our environmental impact across multiple motorsport series," said Bill Combs, Vice President of Sustainability at Penske.

With this new data hub, Team Penske will be able to track key sustainability factors and have visibility into all aspects of its environmental output. Team Penske can immediately see the benefits of its carbon, water, or waste management initiatives with real-time impact results. Capgemini's team will oversee the tool's implementation, training, and testing, along with building out the solution architecture and data engineering to ensure the accuracy of the hub's calculations.

The comprehensive solution also includes:

- Emissions and impact reporting for accuracy and auditability
- Strategic support of Team Penske's sustainability strategy and outputs, including decarbonization road mapping
- Implementing a scalable, streamlined environmental data platform

"We have been proud to work with Penske on its digital transformation journey over the last 25 years, and this new sustainability initiative is an exciting next step," said Anirban Bose, CEO of the Americas Strategic Business Unit and Group Executive Board Member at Capgemini. *"When defining sustainability initiatives in different industries, it's important to understand how they can enable operational and utility efficiencies across specific areas of the organization. This new technology highlights Team Penske's leadership in driving sustainable outcomes for even greater success."*

Product News

ActCAD 2025 New Update 1310485 Released, Dt. 22-Apr-2025

22 April 2025

ActCAD 2025 New update 1310485 released based on latest IntelliCAD 13.1 engine. This is a general maintenance release with below mentioned fixes and improvements:

- Resolved issue where Flip Parameter changes were not retained after block editing
- Corrected annotation scale list behavior on the status bar
- Fixed crash caused by hovering over MOVE action icon in Advanced Blocks
- Improved parameter-action binding logic for action buttons in dynamic blocks
- Added null-checks to avoid crashes when action entity ID is missing
- Fixed unexpected error message during table insertion in Data Extraction
- Restored missing Display Options and improved dialog layout
- Fixed crash during entity selection for Data Extraction reports
- Added acedSyncFileOpen to exported API functions
- Maintained MLeader positions correctly after text editing
- Fixed selection issue preventing second entity selection with mouse click
- Ensured .NET DLLs are included in API distribution ZIP
- Fixed hanging issue with the PDFATTACH command
- Fixed an issue with loading assemblies during software startup
- Introduced ADCLOSE, ADJUST, and PDFADJUST commands for enhanced drawing cleanup and adjustment capabilities
- Added AIDIMTEXTMOVE command for flexible repositioning of dimension text
- Implemented AI_OPEN_ACTCAD_BLOG_WITH_PRODUCT to directly access relevant ACTCAD blog content
- Added BATTORDER and BWBLOCKAS commands for managing block attributes and block automation
- Enhanced drawing comparison with COMPARECLOSE, COMPAREEXPORT, COMPAREIMPORT, and COMPAREINFO commands
- Improved DGN and DWF file support with DGNCLIP and DWFCLIP commands
- Added EDWFX and FS commands for more efficient DWF navigation and file selection
- Introduced FREESPOT and FREEWEB commands to integrate online tools and free spot annotation
- Implemented GEOREORIENTMARKER for aligning geolocation markers in the drawing
- Added GETENV and SETENV for environment variable manipulation within ACTCAD
- Enabled hyperlink handling and browsing with GOTOURL and PASTEASHYPERLINK commands

- Improved plotting and output with PLOTTERMANAGER and PNGOUT commands
- Added QKUNGROUP for quick ungrouping of grouped objects
- Introduced RECOVERALL for comprehensive drawing recovery, including nested references
- Added REVDATE for inserting revision date information into drawings
- Implemented SPACETRANS for space transformation between model and layout
- Introduced VIEWGO to quickly switch between named views

ALICE Technologies Launches New Visual Planning Product: ALICE Plan

23 April 2025

ALICE Technologies, the world's leading AI-powered construction simulation and optimization platform, announced the launch of ALICE Plan, an innovative 2D visual project planning tool. ALICE Plan helps construction teams collaborate and communicate schedules more effectively by replacing traditional whiteboard planning with a digital canvas for real-time, visual scheduling—all without the need for a 3D model.

With ALICE Plan, users can import project data, including schedules and multipage drawings. ALICE can automatically generate an interactive 2D visual layout of the schedule and overlay it directly onto project drawings added to the canvas. Visual layouts of the schedule can be generated by a Work Breakdown Structure (WBS) or custom-defined properties, such as work regions, start and finish dates, etc., tailoring the view to project and team-specific needs. This planning experience makes it easier than ever to navigate complex construction schedules and visualize and adjust sequences, including the task relationships and dependencies.

Packed with powerful features like timelapse visualization, real-time schedule syncing, and customizable filtering, ALICE Plan offers planners and schedulers an intuitive approach to project planning.

ALICE Plan bridges the gap between planning and execution, dynamically transforming ideas from the canvas—such as resequencing construction activities—into actionable schedules in real time. Customized filters can be applied to both the schedule and the canvas simultaneously, allowing users to visually focus on key schedule elements, such as the critical path, crew allocations, and more. This helps teams make informed decisions that enhance productivity, accelerate schedule development, and optimize operational efficiency by prioritizing what matters most.

"Most of the industry works in 2D and thinks visually, so this was the natural next step in the evolution of ALICE," said Founder and CEO of ALICE Technologies René Morkos, Ph.D. "It's the most collaborative tool that we offer. By basing everything on the 2D drawing, it makes it easy for anyone on the project team to view and interact with the schedule, understand how it aligns with the project, and make adjustments—unlike traditional planning methods."

ALICE Plan is part of the broader ALICE platform, which also includes **ALICE Optimize** (formerly ALICE Core) and **ALICE Model** (formerly ALICE Pro). ALICE Optimize enables project teams to rapidly test various strategies—like adjusting crew schedules, resources, or recovering from delays—and select the most efficient, cost-effective, and risk-reduced solution. For BIM-based projects, ALICE Model is the ideal solution. It enables users to create 4D buildable construction schedules and further optimize for various objectives or test strategies as project conditions change.

Whether teams are planning from scratch or adapting existing schedules on the fly, ALICE is designed to help visualize, optimize, and identify optimal scenario-driven project outcomes with confidence.

"Project teams now have the flexibility to choose the planning approach that works best for them—whether they prefer using a digital canvas, working directly with schedules, or planning through BIM models," added Morkos. "And with features like Schedule Sync, ALICE can easily merge schedule changes and updates across the entire project lifecycle, from bidding to construction. This reduces risk and makes projects much more efficient."

According to Morkos, by using ALICE Technologies' AI-driven generative construction platform, construction teams have achieved remarkable results, including a 17% reduction in project duration, a 14% reduction in labor costs, and a 12% reduction in equipment costs. "ALICE Plan empowers construction teams to collaborate more effectively, visualize and interact with their schedules more intuitively, and gain valuable insights that can reduce delays, cut costs, and ultimately boost project profitability."

ALLPLAN 2025-1: Smarter design-to-build workflows and enhanced interoperability

24 April 2025

ALLPLAN, a leading provider of BIM solutions for the AEC industry, introduces a comprehensive service release with ALLPLAN 2025-1. The latest enhancements further streamline design-to-build workflows and strengthen cloud connectivity, enabling professionals across all disciplines to work faster and more precisely.

"With ALLPLAN 2025-1, we are taking digital workflows to the next level. By combining enhanced structural design capabilities and deeper cloud integration, we empower our users to accelerate projects, improve precision, and boost overall efficiency," says Eduardo Lazzarotto, Chief Product and Strategy Officer at ALLPLAN.

Key Enhancements in ALLPLAN 2025-1

Seamless structural data exchange with SAF integration

The Structural Analysis Format (SAF) improves interoperability in BIM projects by facilitating direct imports into BIMPLUS and enabling SAF file tracking and management in Excel. This ensures greater transparency in the planning process and a seamless connection between structural analysis and digital design workflows.

Optimized structural workflows with FRILO by ALLPLAN

The FRILO BIM-Connector is now fully integrated into BIMPLUS, streamlining structural engineering workflows. Engineers can access 3D model data directly from ALLPLAN, SDS2, and other compatible tools. IFC and SAF files can now be imported effortlessly into FRILO, allowing for detailed structural analysis and precise component drawings. These enhancements reduce coordination time and increase design accuracy.

Unified 2D and 3D data management with BIMPLUS and ALLPLAN Exchange

For seamless project coordination, BIMPLUS and the document management system ALLPLAN Exchange are now fully connected. This integration allows users to synchronize 2D plans, documents, and 3D models across projects. The new "Copy from Exchange" function makes it easier to select and transfer relevant files directly into BIMPLUS for further processing and collaboration.

Extended cloud functionality and simplified license management

The new cloud-based license management system allows users to access ALLPLAN more flexibly, regardless of device or location. Real-time license monitoring via the ALLPLAN Connect dashboard simplifies administration, making it ideal for hybrid teams.

With these latest advances and multiple minor enhancements, ALLPLAN 2025-1 delivers a significant productivity boost and enhances digital collaboration across the construction industry.

Alphawave Semi Delivers Foundational AI Platform IP for Scale-Up and Scale-Out Networks

23 April 2025

Alphawave Semi, a global leader in high-speed connectivity and compute silicon for the world's technology infrastructure, bolsters its leadership in foundational AI silicon connectivity subsystems through silicon proven chiplets and IP subsystems on advanced process nodes and package types. This is set to be showcased at the TSMC 2025 North America Technology Symposium.

Scaling connectivity efficiently and effectively to support the growth of AI clusters requires high-speed, low-latency interconnects to handle the massive data throughput required by AI applications. Expertise in the multiple technologies set to underpin future AI developments is therefore a necessity.

Alphawave Semi has customized silicon solutions optimized for diverse workloads across 64G UCIe, 224G SerDes, 800G/1.6T UALink and 800G/1.6T UEC controllers. These are deliverable as IP subsystems or tailored, silicon-proven chiplets to address all aspects of connectivity in the data center. The company has also recently unveiled a portfolio of PAM4 and Coherent-lite DSPs over optical and electrical connections for server-to-server and data center-to-data center interconnect.

New architectures and fabrics to achieve the density and performance are being achieved through the highest speed SerDes on advanced process nodes. Additionally, extremely efficient

die-to-die (D2D) technologies, such as UCIe, delivers chip-to-chip connectivity not only on the same package, but solutions for the heterogeneous integration across the entire data center.

These hyper-optimized scale-up networks will link up to 1,000 GPUs to act like a single giant GPU. Multiple scale-up networks will then be connected and orchestrated over a dedicated scale-out network channel for low latency, low power, and low collisions.

"Through our unique DSP-based SerDes, manufactured using TSMC's most advanced process nodes, our AI platform can deliver the performance required at the low-power levels needed via passive copper and low-power optical connectivity. This includes bringing optics to the XPUs and leverages the low power, high-efficiency benefits of UCIe die-to-die connectivity (below 1pJ/bit) while capturing the long reaches of optics," said Mohit Gupta, Senior VP & GM, Custom Silicon & IP, Alphawave Semi. "Our portfolio of silicon IP subsystems are set to be the building blocks of the custom silicon and chiplets that make up AI platforms," continued Mohit Gupta.

"The participation of Alphawave Semi in the UALink Consortium, along with their foundational IP for AI platforms, is helping advance the high-speed connectivity essential for next-generation AI infrastructure," said Kurtis Bowman, UALink Consortium Chair. "Their integration of low-latency controllers and high-speed SerDes technology aligns well with UALink's mission to deliver high-bandwidth, low-latency interconnects. We believe their collaboration will play a key role in driving the scalability and efficiency required to support the rapid growth of AI workloads."

"We are delighted with our latest collaboration with Alphawave Semi to deliver this AI platform, which is a strong example of how advanced process technology and packaging can come together to enable the next wave of AI and data center innovation," said Lipen Yuan, Senior Director of Advanced Technology Business Development at TSMC. "We will continue to work with our Open Innovation Platform® (OIP) partners like Alphawave Semi to enable semiconductor innovation that will help shape the future of compute infrastructure."

Alphawave Semi's AI platform includes standard and custom-form-factor chiplets, with a portfolio of proven I/O chiplet technologies. It also includes scale-up, scale-out, and 224G networks over co-packaged optical and electric connections – including via 64G third-generation UCIe and UALink with low-latency, low-power PHY and controllers. These are implemented through a strong ecosystem of foundry and SerDes expertise, connector, and component industry partners that enable the use of TSMC's advanced 2.5 and 3D packaging techniques as well as 2 nm process nodes to create a wide variety of AI silicon and compute subsystems. Alphawave Semi will showcase its technology at the TSMC 2025 North America Technology Symposium, which takes place at Santa Clara Convention Center on the 23rd of April.

Ansys Strengthens Collaboration with TSMC on Advanced Node Processes Certification and 3D-IC Multiphysics Design Solutions

23 April 2025

Through continued collaboration with TSMC, Ansys announced enhanced AI-assisted workflows for radio frequency (RF) design migration and photonic integrated circuits (PICs), and new certifications for its semiconductor solutions. Together, Ansys and TSMC facilitate optimized 3D integrated circuit (3D-IC) design and accelerate market readiness for AI and high-performance computing (HPC) chip applications. Ansys and TSMC are also extending tool certification for the newly announced N3C technology, based on available N3P design solutions.

A16 EM/IR and thermal certification

RedHawk-SC, RedHawk-SC Electrothermal, and Totem are certified for TSMC's advanced silicon process A16™ with Super Power Rail, a best-in-class backside power delivery solution for analog/block-level and SoC-level electromigration (EM) and voltage drop (IR) analysis.

To ensure reliable thermal management for the TSMC A16 process, Ansys and TSMC developed a more precise thermal analysis flow. The enhanced method leverages TSMC's thermal specifications, providing accurate temperature calculations, and enhancing performance in advanced applications. In addition, Ansys and TSMC continue collaborating on design enablement for TSMC's next-generation A14 technology.

Advanced 5nm and 3nm on-chip electromagnetic certification

To support the increasing demand for scalable electromagnetic analysis, Ansys is introducing a new HFSS-IC product family. HFSS-IC Pro, with RaptorX™ technology embedded, is certified by TSMC for its advanced 5nm and 3nm processes, meeting the rigorous accuracy requirements necessary for designing next-generation semiconductor products. The certification reinforces Ansys' role in advancing semiconductor design technologies and empowering customers to meet the demands of complex applications including AI, HPC, 5G/6G communications, and automotive electronics.

AI-assisted photonic design optimization

Ansys and TSMC continue to refine COUPE design solutions by leveraging AI capabilities in Ansys optiSLang® process integration and design optimization software. These solutions enable PIC optimization with Ansys Lumerical INTERCONNECT™ and empower optical coupling system optimization and robustness analysis with Ansys Zemax OpticStudio®.

AI-assisted optimal RF design migration

TSMC, Ansys, and Synopsys have enhanced a joint AI-assisted RF migration flow, combining Ansys HFSS-IC Pro AI technology with Synopsys Custom Compiler™ and ASO.ai™ solutions, accelerating the transition from one silicon process to another for analog and RF ICs. The flow automates device placement, routing optimization, and EM-aware tuning, while preserving design intent and performance. As the semiconductor industry moves toward more advanced nodes, RF IC migration presents significant challenges in maintaining performance, yield, and design productivity. Leveraging AI to predict and mitigate EM challenges ensures signal integrity, power efficiency, and manufacturability in advanced RF applications.

Multiphysics signoff analysis flow enablement

Ansys RedHawk-SC, RedHawk-SC Electrothermal, and Synopsys 3DIC Compiler™ are integrated into TSMC, Ansys, and Synopsys' joint multiphysics signoff analysis flow enablement platform for extraction, timing, power, EM/IR, and thermal analysis. These analyses are linked through a shared data flow, supporting thermal-aware timing analysis and voltage-aware timing analysis. This multiphysics approach can help customers accelerate the convergence of large 3D-IC designs.

"Ansys' continued collaboration with Synopsys and TSMC drives innovation in 3D-IC design and improves chip reliability for the most demanding applications," said John Lee, vice president and general manager of the semiconductor, electronics, and optics business unit at Ansys. "As chip sizes shrink and energy efficiency demands grow, Ansys continues to advance its multiphysics solutions across electromagnetics, thermal, structural integrity, and more to give our customers confidence that their design will meet specifications. The latest certifications from TSMC highlight our commitment to delivering the most advanced solutions to customers' most challenging problems."

"AI-driven solutions significantly boost productivity in designing 3D-IC components and offer seamless automation for essential tasks," said Lipen Yuan, senior director of advanced technology business development at TSMC. "Our continued collaboration with Open Innovation Platform® (OIP) partners like Ansys and Synopsys ensures optimal technical solutions that fully leverage the performance and power efficiency advantages of our cutting-edge technologies, advancing customer innovation across AI, HPC, mobile, automotive, and beyond."

Cadence Advances AI in the Cloud with Industry-First DDR5 12.8Gbps MRDIMM Gen2 Memory IP System Solution

21 April 2025

Cadence announced the industry's first DDR5 12.8Gbps MRDIMM Gen2 memory IP system solution on the TSMC N3 process. The new solution addresses the need for greater memory bandwidth to accommodate unprecedented AI processing demands in enterprise and data center applications, including AI in the cloud. The Cadence® DDR5 MRDIMM IP boasts a new high-performance, scalable and adaptable architecture based on Cadence's proven and highly successful DDR5 and GDDR6 product lines. With multiple engagements underway with leading AI, HPC and data center customers, this IP solution is already demonstrating its early leadership.

The new Cadence DDR5 IP offers a PHY and a high-performance controller as a complete memory subsystem. The design is validated in hardware using the most recently available MRDIMMs (Gen2), achieving a best-in-class 12.8Gbps data rate that doubles the bandwidth using current DDR5 6400Mbps DRAM parts. The DDR5 IP memory subsystem is based on Cadence's silicon-proven, high-performance architecture, ultra-low latency encryption and industry-leading RAS features. The DDR5 MRDIMM Gen2 IP is designed to enable advanced SoCs and chiplets with flexible floorplan design options, while the new architecture allows fine-tuning of power and performance based on individual application requirements.

"The Cadence DDR5 IP portfolio, together with Micron's industry-leading 1γ (1-gamma)-based DRAM, meets the increasing demand for higher memory bandwidth, density and reliability for AI processing workloads. These memory enhancements are pivotal in enabling the next generation AI/ML and HPC applications in data center and enterprise environments," said Praveen Vaidyanathan, vice president and general manager of Micron's Cloud Memory Product Solutions.

"Cadence's DDR5 MRDIMM IP system solution, paired with MRDIMM modules featuring Montage's memory buffers, delivers a high-performance memory subsystem for next-generation servers with doubled bandwidth," said Stephen Tai, president at Montage Technology. "Montage's MRCD02/MDB02 chips for MRDIMMs, capable of blazing 12.8Gbps data rates, are ready to enable server and data center products."

"Data center and enterprise applications stand to gain a significant performance advantage from Cadence's DDR5 12.8Gbps MRDIMM IP system solution, as evidenced by large customers turning to Cadence to deliver this innovative technology," said Boyd Phelps, senior vice president and general manager of the Silicon Solutions Group at Cadence. "This new leading-edge memory IP system both raises the bar and establishes a roadmap that future-proofs our customers' next-generation SoC and chiplet products for generations to come."

Cadence's DDR5 controller and PHY have been verified with Cadence's Verification IP (VIP) for DDR to provide rapid IP and SoC verification closure. Cadence VIP for DDR5 includes a complete solution from IP to system-level verification with DFI VIP, DDR5 memory model and System Performance Analyzer.

Cadence and TSMC Advance AI and 3D-IC Chip Design with Certified Design Solutions for TSMC's A16 and N2P Process Technologies

23 April 2025

Cadence announced it is furthering its longstanding collaboration with TSMC to accelerate time to silicon for 3D-IC and advanced-node technologies through certified design flows, silicon-proven IP and ongoing technology collaboration. As a leading provider of IP for TSMC N2P, N5 and N3 process nodes, Cadence continues to deliver cutting-edge AI-driven design solutions to the TSMC ecosystem for multiple horizontal applications from chiplets and SoCs to advanced packaging and 3D-ICs. The deep collaboration encompasses certified tools and flows for TSMC's N2P and A16™ technologies, paves the way for TSMC's A14 and further unlocks 3D-IC possibilities by extending support for TSMC 3DFabric® design and packaging. In addition, Cadence and TSMC are extending tool certification for newly announced TSMC N3C technology based on available N3P design solutions.

N2P and A16 AI Silicon Design

Cadence is driving innovation in AI chip design with certified tools and optimized IP for TSMC's advanced N2P and A16™ process technologies. Reinforcing its memory IP leadership, Cadence

offers TSMC9000 pre-silicon-certified DDR5 12.8G IP for N2P. Cadence® digital, custom/analog design and thermal analysis solutions are certified for TSMC N2P and A16 technologies. Combined with continued collaboration on AI-driven digital design solutions for N2P, including leveraging large language models (LLMs), these advancements play an important role in improving digital design flows for future process nodes.

Leading-Edge Automotive Solutions

ADAS, autonomous driving and software-defined vehicles are driving the need for leading-edge silicon for next-generation applications, and Cadence is accelerating this evolution with certified IP for TSMC's N5A and N3A processes. Cadence's high-performance design IP portfolio—featuring LPDDR5X-9600, PCI Express® (PCIe®) 5.0, CXL 2.0, 25G-KR and 10G multi-protocol SerDes—is specifically optimized for automotive use.

Expanding and Elevating 3DFabric Solution

Cadence provides the only complete chiplet design, packaging and system analysis solution for TSMC 3DFabric®. Cadence is expanding its design IP portfolio to meet the demands of the AI training market, delivering TSMC 9000-certified IP for 3D-IC design, including HBM3E 9.6G in N5/N4P and pre-silicon HBM3E 10.4G in N3P, alongside Universal Chiplet Express™ (UCIe™) 16G N3P solutions. In addition, Cadence's HBM4 test chip is pre-silicon-ready for tapeout, which is paving the way for CoWoS-L.

The Cadence Integrity™ 3D-IC Platform now features enhanced support for improved quality of results (QoR) and 3DIC full flow QC with reference flows for 3Dblox, while enabling global resource optimization, chip-package co-design and advanced multiphysics convergence analysis across static timing, power-IR and thermal. New support includes feedthrough creation for multi-chiplet designs and AI-powered tools for end-to-end 3D-IC planning, partitioning and optimization.

Cadence's Sigrity™ X technologies and Clarity™ 3D Solver are also enabled to facilitate compliance automation for 3Dblox Signal and Power Integrity (SIPI) analysis by integrating with the Cadence Integrity™ 3D-IC Platform. The integration flow fully automates high-speed S-parameter extraction and transient time domain analysis for the UCIe and HBM channels. Additionally, the Cadence EMX® Planar 3D Solver is certified for N3 and in the process of N2P certification, enhancing simulation accuracy to meet the rigorous demands of advanced-node IC designs.

More-than-Moore Technology Innovation

Cadence continues to push the limits of technology scaling with continued More-than-Moore technology innovation. Cadence's Virtuoso® Studio supports analog and RF design migration, substantially reducing turnaround time when designing with advanced and RF nodes. Cadence is also driving design solutions advancements for TSMC's compact universal photonic engine (COUPE™) and enabling next-generation efficiency with TSMC design in the cloud, featuring GPU-accelerated compute for enhanced performance.

"Our collaboration with TSMC reinforces Cadence's commitment to driving innovation and accelerating time to silicon for our customers," said Chin-Chi Teng, senior vice president and general manager of the Digital & Signoff Group at Cadence. "By providing certified design flows, silicon-proven IP and support for TSMC's advanced-node technologies like N2P, N3 and N5, we're empowering designers to develop leading-edge solutions across infrastructure AI and physical AI applications, including automotive. Together with TSMC, we're pushing the boundaries of technology scaling, enabling next-generation advancements in chip design and packaging."

"Our enduring collaboration with Open Innovation Platform® (OIP) partners like Cadence has been pivotal in tackling some of the most intricate challenges in semiconductor design," said Lipen Yuan, senior director of advanced technology business development at TSMC. "By combining TSMC's advanced process and 3D stacking and packaging technologies with Cadence's cutting-edge design solutions, we empower our mutual customers to accelerate time to silicon while achieving exceptional performance, power efficiency and area optimization. Together, we continue to drive breakthroughs that transform technology and enable innovation."

Cadence Enables Next-Gen AI and HPC Systems with Industry's Fastest HBM4 12.8Gbps IP Memory System Solution

17 April 2025

Cadence announced the industry's fastest HBM4 12.8Gbps memory IP solution, which meets the increasingly higher memory bandwidth needs of SoCs targeted for the next generation of AI training and HPC hardware systems. The Cadence® HBM4 solution is compatible with the JEDEC specification JESD270-4 and doubles the memory bandwidth compared to the previous generation of HBM3E IP products. Available now for customer engagements, the Cadence HBM4 PHY and controller IP boast an industry-leading performance of 12.8Gbps, with 20% greater power efficiency per bit and 50% better area efficiency while doubling the number of I/Os for higher bandwidth.

The new Cadence HBM4 IP offers a PHY and a high-performance controller as a complete memory subsystem solution. The HBM4 PHY will be available as a drop-in hardened macro in the TSMC N3 and N2 technology nodes, while the HBM4 controller will be provided as a soft RTL macro. The best-in-class 12.8Gbps data rate exceeds the available HBM4 DRAM device speeds by 60%—giving designers ample system margin, enabling support for potential speed improvements, and future-proofing their SoC products. The high-performance, low-latency architecture includes RAS and BIST features for fine-tuning memory subsystem performance in the field for optimal data center operations. The standard HBM4 IP offering includes support for all flavors of interposer design implementation options and lab software for rapid memory subsystem bring-up of customer SoCs.

"The proliferation of generative and agentic AI applications and the resulting increase in AI workloads demand higher memory bandwidth for greater AI hardware system efficiency

without further draining power. Cadence's HBM4 solution addresses this insatiable need for memory bandwidth by providing the highest performance available at 12.8Gbps while maintaining area and power efficiency—key concerns for AI factories," said Boyd Phelps, senior vice president and general manager of the Silicon Solutions Group at Cadence.

Cadence's HBM4 solution includes a comprehensive set of deliverables for faster integration of the IP to SoC design and post-silicon bring up. The deliverables include a reference interposer design validated at 12.8Gbps on a full-featured test chip consisting of an HBM4 controller, PHY, interposer, and HBM4 DRAM device. LabStation software with extensive features and test suites for rapid SoC post-silicon lab bring-up is provided for faster time to market.

Cadence's HBM4 PHY and controller have been verified with Cadence's Verification IP (VIP) for HBM4 to provide rapid IP and SoC verification closure. Cadence VIP for HBM4 includes a complete solution from IP to system-level verification with DFI VIP, HBM4 memory model, and System Performance Analyzer.

DXC Announces AI Workbench; Ferrovial to Serve as Anchor Client

22 April 2025

DXC Technology, a leading Fortune 500 global technology services provider, introduced **DXC AI Workbench,** a generative AI offering which combines consulting, engineering and secure enterprise services to help businesses worldwide integrate and scale responsible AI into their operations. Ferrovial, a leading global infrastructure company, is already using AI Workbench to enhance operations for its 24,000 employees. With more than 30 AI Agents making real-time decisions, Ferrovial is improving efficiency and safety measures across its business.

DXC helps clients across industries find scalable solutions to meet their unique challenges, so they can move fast. With its new AI Workbench offering, DXC is delivering a pre-built scalable solution with necessary safeguards and governance for secure deployment.

“AI isn't a plug-and-play solution—leveraging GenAI securely and in compliance with regulations requires human due diligence, customization, and the right skill sets,” said Howard Boville, President, DXC Consulting & Engineering Services – Powered by AI. “We’re helping clients, such as Ferrovial, build and implement AI solutions throughout their operations to drive outcomes at scale and unlock opportunities to innovate.”

“By working with DXC, we’ve unlocked new levels of operational efficiency and reduced risks,” said Dimitris Bountolos, Chief Information and Innovation Officer (CIIO) of Ferrovial. “The ability to integrate AI into our core business processes has revolutionized how we reduce operational costs, manage knowledge and make decisions, providing us with a competitive edge in the industry.”

Ferrovial is leveraging DXC’s industry and AI expertise to build and deploy AI-powered solutions across a wide range of business functions. With over 30 specialized AI agents deployed on a cloud-based AI platform running on Microsoft Azure, Ferrovial is now able to optimize field operations, elevate safety measures, manage business knowledge, analyze competition, and assess regulatory impacts. The platform’s seamless integration with Ferrovial’s back-office

systems, such as Workday, ServiceNow, Microsoft Teams, and Ferrovial's custom apps, has accelerated automation and data-driven decision-making across its global operations.

With deep industry expertise, DXC is uniquely positioned to help organizations adopt and scale AI solutions to drive real business outcomes.

IFS Cloud 25R1 Release Accelerates Path to Value from Industrial AI

23 April 2025

IFS, the leading provider of enterprise cloud and Industrial AI software, unveils new Industrial AI-powered features introduced with IFS.ai into the latest IFS Cloud 25R1 release. With Industrial AI and sustainability at its core, this new release incorporates agentic industrial AI capabilities that enable customers in asset and service-intensive industries to rapidly drive value from Industrial AI at scale.

With 200+ AI-based capabilities now available in IFS Cloud, customers can automate workflows and leverage industrial agents throughout the entire asset lifecycle and across manufacturing processes – from supply chain augmentation, through to critical service capabilities.

New capabilities include:

- **IFS.ai Forecasting and Inventory Replenishment** helps customers accelerate demand planning and inventory replenishment for spare parts, so they can optimize global and centralized stock management. It calculates safety stock, reorder points, and optimal lot sizes for parts used in the maintenance process from service and asset part demand.
- **IFS.ai XD Integration and Visualization** unlocks deeper insights by bringing 2D or 3D data into IFS Cloud, accelerated by AI-powered data mapping. Early visibility empowers proactive decision-making across maintenance and engineering teams, paving the way for more efficient and maintainable assets. Technicians visualize parts requiring attention within 3D models overlaid with maintenance information like open work orders, while engineering teams benefit from graphical performance data and real-time alerts to address asset maintenance faster.
- **IFS.ai AI Data and Work Generation from Documents** saves time and effort. It extracts data and recommendations from third-party contractor maintenance reports improving follow-up maintenance work identification and next steps.
- **IFS.ai Summarized Supply Chain Events** transforms unstructured data into valuable insights, so customers have better sight across their critical supply and production processes. At a time where countries, industries and businesses are evaluating how they can navigate macroeconomic swings, this level of insight can provide control and resilience that has not previously been achievable.
- **IFS.ai Copilot for Sales Quotation** enhances customer service efficiency, boosts sales through better recommendations, and increases revenue by reducing order errors and improving productivity.

- **IFS.ai Copilot for Shipment Order** improves supply chain matrix with automated and flexible freight selection enhances sales team productivity and customer services.
- **IFS.ai Copilot for Customer Order** enhances supply chain analysis leveraging AI to summarize important events related to orders in supply chain scenarios. Provides deeper insights and speeds up decision-making leading to better service and improved stakeholder communication.
- **IFS.ai Operation Time Prediction** improves operational efficiency, reduces delay costs, and enhances customer satisfaction by using AI/ML to predict shop order operation times and identify potential delay risks. Early identification helps prevent delays, mitigate their impact, uncover systematic issues, and enable adjustments to planned data.
- **IFS.ai Emissions Management** in IFS Cloud supports Scope 1 and 2 emissions, management and reporting allowing customers to calculate emissions and accurately track progress against 160,000+ verified emissions factors (thanks to IFS's global partnership with Climatiq).

Christian Pedersen, Chief Product Officer, IFS, commented: "IFS's ability to deliver AI in the industrial setting is rooted in solving real, complex industrial challenges. IFS.ai isn't speculative; it's already helping the world's largest industrial companies navigate and lead at a time where supply chains and production have been challenged. The company's consistent growth and increasing number of real-world AI capabilities show the enduring value to customers who are choosing IFS over monolithic giants due to our specialized focus, inherent agentic capabilities, and agile integration of AI advancements.

"This targeted approach allows us to offer tailored solutions that align closely with the unique challenges and requirements of these complex industries. This is embodied by the new features available in 25R1. Our mission is to power the next industrial revolution with AI, and I am proud of the impactful advancements we are bringing to customers in 25R1."

As the regulatory and geopolitical landscape evolves, IFS Cloud enables enterprises to anticipate disruption, optimize planning and production cycles, and strengthen operational resilience while meeting sustainability goals, profitably. Customers attending the IFS Connect series of events will be able to see IFS Cloud in action and understand how to derive value from AI today.

IFS has made an introductory offer available until the end of June offering customers a risk-free way to track and see the value from AI on performance and operational efficiency with minimal effort. A 12-month subscription provides access to all of the IFS.ai Use Cases in IFS Cloud, as well as initial consumption tokens to get started. IFS.ai is made available with monitored AI consumption across the business and with standardized consumption rates removing the risk of variable costs affecting the bottom line.

IFS Launches Accelerator to Help SAP Customers Rapidly Migrate to IFS Cloud and Unlock New Value

23 April 2025

IFS, the leading provider of enterprise cloud and Industrial AI software, has launched a new migration accelerator service, designed to help SAP customers move seamlessly and quickly from existing SAP systems to IFS Cloud and immediately start generating value from Industrial AI.

With many SAP customers in the process of modernizing and rethinking their enterprise landscape, the IFS accelerator offers a proven, low-risk approach for businesses to migrate their technology estate, empowering them to break free from monolithic, legacy systems and take advantage of IFS.ai. This shift towards a multi-vendor, multiplatform, digital ecosystem drives transformation and business agility through a modern, composable tech stack.

The accelerator service enables SAP customers to diversify their portfolio of products beyond a singular vendor and deploy IFS Cloud with minimal disruption. The accelerator is tailored to address the complexity and risk often associated with enterprise software migrations, providing a clear, structured path to accelerate cloud adoption while reducing costs, time, and potential challenges.

The accelerator unifies data management, migration, and continuous system optimization, keeping the process seamless and secure for customers. Building on the proven success of IFS Cloud and IFS.ai, the migration offering supports diverse data sources and is set to expand compatibility with additional platforms, delivering a resilient, future-ready foundation.

“IFS has already helped hundreds of companies successfully migrate all or part of their technology estate from legacy vendors to IFS Cloud,” said Max Roberts, Chief Operations Officer at IFS. “CEOs, CFOs, and CIOs from the world’s largest organizations are rethinking their approach to technology and operations. By leveraging IFS.ai through IFS Cloud, businesses can automate workflows and seamlessly integrate AI into their operations, dramatically improving efficiency and reducing costs. An open and composable platform like IFS Cloud, empowers companies to unlock the full potential of automation and digital transformation. Applying AI in the industrial setting is arguably the greatest growth driver we can have for society.”

The IFS accelerator provides a structured approach to rapid ROI and unlocks organizational business value by aligning data around business transformation goals. This is underpinned by a recent IDC study, which found that IFS customers experience an 11-month payback on investment and a 414% three-year ROI with IFS Cloud. Industry specific services have been developed which embed deep business process knowledge across IFS’s six core industries: Aerospace & Defense, Energy & Utilities, Engineering & Construction, Manufacturing, Telco, and Service.

IFS launches Nexus Black

23 April 2025

IFS, the leading provider of enterprise cloud and Industrial AI software, today announced the launch of **IFS Nexus Black™**, a strategic innovation program to expedite high-impact AI adoption for industrial organizations. Nexus Black provides a credible alternative to legacy software vendors by delivering bespoke solutions at pace with guaranteed industrial scalability and security.

Nexus Black combines advanced AI technologies, deep industrial context and a dedicated delivery team, partnering with customers to tackle bespoke, complex challenges in asset-intensive industries. Built on the foundation of IFS.ai, Nexus Black enables rapid development and deployment of AI capabilities to turn bold ideas into tangible outcomes in a matter of weeks.

Nexus Black offering to customers comprises:

- Agile, sprint-based co-creation and prototyping. A proven co-development model that is safe, scalable and fast
- Structured four phase model: Problem Definition; Proof of Value; Accelerated Development; Digital Continuity
- Access to dedicated AI engineers, domain experts, and solution architects, with deep expertise in industrial contexts and enterprise architecture
- Collaboration on agentic AI and contextual intelligence with industrial scalability

Nexus Black turns intelligence into applied impact thanks to IFS's deep industry footprint and proximity to rich industrial asset data, combining context and AI resulting in trusted contextual AI into live operations, quickly and securely.

"Too many businesses are stuck choosing between inflexible enterprise tools or niche AI vendors with no roadmap to scale. Nexus Black changes that," said **Mark Moffat**, CEO of IFS. "Nexus Black is IFS's commitment to rapid, high-impact AI innovation for leading industrial organizations. It combines the agility of a start-up with the industrial context, security and delivery strength IFS is known for. It's how we help our customers leap ahead - not just catch up."

"AI capabilities like co-pilots and embedded agents are no longer a differentiator, they're expected," said **Matt Kempson**, SVP, Commercial at IFS. "What sets IFS apart is how we apply AI – rapidly, with deep industrial context, and in direct collaboration with our customers. Nexus Black gives us a razor-sharp edge, engaging deeply with complex industrial challenges, rapidly building proof points, and translating innovation into scalable impact across our AI portfolio."

Co-investing for the future

Nexus Black enables customers to access capabilities ahead of general launch and directly engage in the creation process. Through a co-investment model, customers gain a fast-mover advantage in their industries and influence solutions that enhance their agility. Initial use cases include predictive maintenance, manufacturing scheduling optimization, AI copilots for service and sales, and intelligent automation for finance and supply chain.

Pricing and availability

Nexus Black engagements are bespoke, reflected in the resource-intensive, expert led nature of the program. Customers with AI driven ambitions interested in engaging with Nexus Black should contact their IFS account manager for an exploratory discussion.

Outbuild Announces First-Ever Integration with Schedule Module in Autodesk Construction Cloud

22 April 2025

Outbuild, a construction scheduling and planning software company, announced a new integration with **Autodesk Construction Cloud®,** a portfolio of software and services that combines advanced technology, a builders network and predictive insights for construction teams. This integration allows construction professionals to directly integrate their schedule into **Autodesk® Build,** eliminating the need to rely on manual file imports.

An up-to-date construction schedule is critical to project success, but historically, schedules have been managed in siloed, legacy software that the majority of key project stakeholders cannot access. Miscommunication related to the schedule can lead to delays and rework, therefore increasing project costs. A **study by Autodesk and FMI** revealed that 48% of all rework in U.S. construction projects stems from miscommunication and poor project data, resulting in an estimated $31.3 billion in rework costs annually. **Outbuild's new integration with Autodesk Construction Cloud** directly addresses this issue, providing an integrated solution aimed to improve efficiency related to updating and sharing the project schedule, ensuring project stakeholders are always in the loop.

"This integration offers powerful functionality for planning, designing, building and delivering projects on schedule," said Franco Giaquinto, CEO, Outbuild. "Together, Outbuild and Autodesk are empowering construction industry professionals to turn projects over on time and with better alignment and fewer conflicts.This integration – along with the others we continue to develop – supports our mission to break down silos and seamlessly connect the schedule to every other piece of construction data."

According to Giaquinto, the integration streamlines real-time coordination and ensures that schedules in the project's system of record always reflect the latest changes. With just a click, users can export updated schedules from Outbuild directly into Autodesk Build Files, and from there the most recent schedule will automatically sync into the Schedule module within Autodesk Build, where it can be used for downstream tasks like connecting work plans.

Outbuild's modern scheduling interface also adds efficiencies to the upfront process of creating and updating the schedule—with its targeted functionality, purpose-built for construction, Outbuild users can create schedules in half the time compared to many legacy scheduling applications.

"Centralized, real-time schedule coordination enhances collaboration among architects, engineers, contractors and owners," said James Cook – director of industry & technology partnerships at Autodesk. "By integrating schedules created and managed in Outbuild with

Autodesk Construction Cloud, project managers and field teams gain better visibility into their projects, empowering them to deliver superior outcomes."

Users of both Outbuild and Autodesk Build can begin accessing this integration immediately within their Outbuild integration settings.

Outbuild customers are already seeing the value of integrating their schedule with their project management system. According to Outbuild integration user Zach Carlsen at Blox Construction, "Outbuild provides us the opportunity to quickly and efficiently keep our project schedule up to date with real time happenings in the field, and [our integration] also keeps our clients in the loop."

ProjectReady Unveils the All-New WorkBridge: Automating Data Sync, Transfer, and Project Closeout Across Autodesk Construction Cloud and Procore

21 April 2025

ProjectReady is excited to unveil the all-new **WorkBridge**, an innovative, standalone application that empowers teams to sync and transfer project data between Autodesk Construction Cloud® and Procore, including multiple Autodesk Hubs and Procore Companies. Built to address the challenges of managing disparate, fragmented project information, WorkBridge streamlines data migration, automates manual tasks, and ensures that project closeouts are faster and more efficient than ever before.

Efficient Data Sync and Transfers Across Autodesk Construction Cloud and Procore

WorkBridge supports a wide range of project data for transfer and synchronization including—**Submittals, RFIs, Issues, Photos, Forms, and Documents**—teams can ensure that every piece of information reaches the right stakeholders, exactly when and where it's needed.

Automating and Streamlining Project Closeout and Updates

A standout feature of WorkBridge is its ability to streamline the project closeout process. With tools to automate daily deliveries of content to stakeholders' systems or the ability to simply transfer all project data at completion, teams can deliver comprehensive, organized project information effortlessly. By eliminating the manual burden of data consolidation, WorkBridge ensures faster, more efficient closeouts.

"WorkBridge was built to tackle some of the most persistent challenges in managing project information across platforms," said Joe Giegerich, CEO and Founder of ProjectReady. "With its ability to automate both sync and transfer processes, streamline project closeouts, and provide an easy to use and easy to install solution, we're giving teams the tools they need to save time, reduce errors, and focus on what they do best."

"Managing project information across platforms increases administrative tasks and potential errors. ProjectReady's WorkBridge solution helps project teams maintain synchronization of critical construction data throughout all stages of the construction lifecycle."
James Cook
Director of Industry and Technology Partnerships, **Autodesk**

One of WorkBridge's best attributes is just how EASY it is to use, simply:

- **Choose Transfer or Sync** – Select whether you need to sync data or transfer it across platforms.
- **Select Platforms** – Choose the source and the destination
- **Pick Your Data** – Pick the specific data to sync/transfer such as documents, submittals, issues, etc.
- **Schedule It** – Automate transfers and synchronization by setting a schedule or running at project closeout.

Siemens collaborates with TSMC to drive further innovation in semiconductor design and integration

24 April 2025

Siemens Digital Industries Software announced that the company has deepened longstanding collaboration with TSMC to drive innovation in semiconductor design and integration, enabling mutual customers to tackle the challenges of next-generation technologies. Building on a series of recent collaborations, Siemens has achieved certification for its Calibre® nmPlatform software suite—including nmDRC, nmLVS, Calibre® YieldEnhancer™, and PERC™ tools—alongside its Analog FastSPICE (AFS) and Solido™ solutions, for TSMC's cutting-edge N2P and A16 processes. Additionally, its Calibre® 3DSTACK solution is certified for TSMC's 3DFabric® technologies and the 3Dblox standard, advancing silicon stacking and packaging design.

Siemens and TSMC are further advancing tool certifications for the newly announced TSMC N3C technology, building on the available N3P design solutions. The two companies have also initiated collaboration on design enablement for TSMC's newest A14 technology, laying the groundwork for the next-generation designs.

The Siemens and TSMC partnership significantly advances system and semiconductor design for AI, automotive, hyperscale, mobile and other key applications, due in part to the following recent technology achievements:

- **Siemens' signature Calibre® nmPlatform software is now certified for TSMC's most advanced processes:** Calibre® DRC software, Calibre® LVS software, Calibre® PERC, and Calibre® YieldEnhancer™ software with SmartFill technology are certified for the TSMC's advanced N2P and A16 processes, enabling mutual customers to continue accessing state-of-the-art signoff technology. Siemens' Calibre® xACT™ software is now also certified for the newest version of TSMC's N2P process.
- As the 3Dblox technology continues its transition to become an IEEE standard, **Siemens and TSMC successfully collaborated to certify Siemens' Calibre® 3DSTACK solution's support for the 3Dblox and TSMC's** 3DFabric® **technologies. This certification continues the ongoing collaboration on thermal analysis for TSMC's 3DFabric silicon stacking and**

advanced packaging technologies. Siemens' Innovator3D IC™ solution can support the 3Dblox language format across abstraction levels.

- **With the recent certification of Siemens' Analog FastSPICE (AFS) software for TSMC's N2P and A16 processes, Siemens and TSMC have established powerful solutions for next-generation analog, mixed-signal, RF and memory designs.** Further, as part of the custom design reference flow (CDRF) for TSMC's N2 process, Siemens' AFS tool supports TSMC's Reliability Aware Simulation technology, which addresses IC aging and real-time self-heating effects, among other advanced reliability features. The CDRF for TSMC's N2P technology also integrates Siemens' Solido™ Design Environment software for advanced variation-aware verification.
- Siemens also worked with TSMC through its Calibre 3DStack and AFS technologies to develop design solutions for TSMC's Compact Universal Photonic Engines (COUPE™) platform by combining Siemens' expertise and TSMC's advanced process technologies.
- Additionally, Siemens is in the process of certification for its Aprisa™ software and mPower™ software on TSMC's N2P process, aiming to deliver physical implementation and electromigration/IR-drop analysis for both analog and digital designs.

Siemens EDA and TSMC have successfully certified seven sign-off production flows on cloud, including Siemens' Solido SPICE, Analog FastSPICE, Calibre nmDRC and Calibre YieldEnhancer with SmartFill technology, Calibre nmLVS, Calibre PERC, Calibre xACT, and mPower power integrity analysis flow tools. These offerings have been verified to run with exceptional accuracy and security on the AWS Cloud.

"As we continue to pioneer new solutions and redefine the possibilities within the semiconductor industry, our strategic alliance with TSMC remains a cornerstone of our strategy," stated Mike Ellow, CEO, Siemens EDA, Siemens Digital Industries Software. "These advances not only enhance our portfolio but also empower our mutual customers to meet the challenges of tomorrow."

"By strengthening our partnership with Siemens, TSMC is empowering customer innovation by combining the excellence of Siemens' proven design solutions with the performance and power-efficiency advantages of TSMC's cutting-edge technologies," said Lipen Yuan, Senior Director of Advanced Technology Business Development at TSMC. "Our collaboration with Open Innovation Platform® (OIP) ecosystem partners like Siemens is instrumental in pushing the boundaries of what's possible in semiconductor technology moving forward."

Siemens expands Teamcenter X to make PLM accessible to companies of all sizes

21 April 2025

Siemens Digital Industries Software announced that it is introducing new versions of its Teamcenter® X software so that organizations of all sizes can leverage best-in-class SaaS Product Lifecycle Management (PLM) to digitally transform and drive innovation across the manufacturing industry. New Teamcenter X offerings introduce prepackaged capabilities out of

the box to include process management and cross domain capabilities that bring together mechanical, electrical and electronics development and other advanced functionality.

“This expansion of Teamcenter X continues Siemens' mission of making SaaS PLM more accessible for companies of all sizes," said Frances Evans, senior vice president, Lifecycle Collaboration Software, Siemens Digital Industries Software. “The new additions to Teamcenter X help even more customers get started quickly with PLM and then scale to solve more business challenges using more of the Teamcenter portfolio."

Teamcenter X drives innovation at Workhorse

Workhorse Group Inc, an American technology company focused on pioneering the transition to zero-emission commercial vehicles has adopted Teamcenter X as its company standard to streamline activities across its development teams and supply chain as it builds electric trucks for sustainable last mile delivery.

"Standardizing on Teamcenter X has allowed us to integrate our design, engineering and supply chain functions efficiently. Previously, our multi-CAD environment was costly and required extra resources. With Siemens, we've eliminated these inefficiencies and can focus on building complex electric trucks more effectively," said Jeff Mowry, Chief Information Officer, Workhorse Group. "Using Siemens' tools, we are able to effectively manage our intricate bill of materials and engineering change notices, which is key given the dynamic nature of electric vehicle production. This strategic move has not only lowered our operational costs but also strengthened our ability to protect intellectual property and ensure cybersecurity."

Mowry will also take the stage at Siemens’ Realize LIVE Americas in Detroit, June 2 to 5, to show how Workhorse implemented Teamcenter X and NX X in just six months to reduce IT overhead, improve collaboration, and streamline activities.

Product availability

Teamcenter X is now available in four offerings:

Teamcenter X Essentials: Designed with ease of deployment and low cost of administration, Teamcenter X Essentials delivers data management for companies focused on mechanical design. It includes CAD data management and product structures with revision management, where used search, check-in/check-out and 3D view and mark-up – while retaining full scalability as an organization grows and evolves.

Teamcenter X Standard: New this month, Teamcenter X Standard extends the capabilities of Teamcenter X Essentials, adding additional PLM functionality such as simple change management, project scheduling, document management and report generation – all delivered with out-of-the-box configurations and can be tailored to meet customer needs.

Teamcenter X Advanced: Also new this month, Teamcenter X Advanced supports companies in need of cross domain collaboration across mechanical, electronic and electrical design throughout their products’ lifecycle. Teamcenter X Advanced builds on the Standard offering to add data management for electrical and electronic design integration and classification. Just as

with Standard, Advanced is delivered with out-of-the-box configurations and can be tailored to meet customer needs.

Teamcenter X Premium: Full breadth of PLM and available on choice of cloud provider, Teamcenter X Premium is built for companies who want to harness the full capabilities of Teamcenter in a purpose-built solution to fit their business needs. It covers the full spectrum of Teamcenter's capabilities, from enterprise BOM and business system integration, model-based systems engineering (MBSE), manufacturing planning, quality and compliance management, product cost and service lifecycle management. The Premium tier also delivers preconfigured solutions tailored for industries such as industrial machinery, medical devices and semiconductor.

Synopsys and TSMC Usher In Angstrom-Scale Designs with Certified EDA Flows on Advanced TSMC A16 and N2P Processes

23 April 2025

Synopsys, Inc. announced its ongoing close collaboration with TSMC to deliver robust EDA and IP solutions for TSMC's most advanced processes and advanced packaging technologies to accelerate AI chip design and 3D multi-die design innovation.

Among the newest collaborations is availability of certified digital and analog flows on TSMC A16™ and N2P processes for design productivity and optimization, enabled by Synopsys.ai™, and initial development of EDA flows on TSMC's A14 process. Synopsys and TSMC are also working on the tool certification for the newly announced TSMC N3C technology, building on the available N3P design solutions. To further accelerate semiconductor design for ultra-high-density 3D stacking, the Synopsys 3DIC Compiler, certified by TSMC, supports 3Dblox and enables TSMC's CoWoS® technology with 5.5x-reticle interposer sizes. In addition, Synopsys provides complete, silicon-proven IP solutions on TSMC's advanced processes, enabling designers to rapidly integrate the necessary functionality into their next-generation designs with the lowest power and maximum performance.

"Synopsys and TSMC are helping the semiconductor industry speed up the pace of innovation for Angstrom-scale designs by providing mission-critical EDA and IP solutions optimized for the most advanced process technologies," said Sanjay Bali, Senior Vice President of Strategy and Product Management at Synopsys. "Together, we are delivering future-ready solutions that empower engineers to push the boundaries of technology, achieve their design goals, and bring their products to market faster."

"Achieving high quality-of-results and faster time to market for advanced SoC designs are the cornerstone of the long-standing collaboration between TSMC and Synopsys," said Lipen Yuan, Senior Director of Advanced Technology Business Development at TSMC. "Collaborating closely with our Open Innovation Platform® (OIP) design ecosystem partners like Synopsys is vital to enable our mutual customers with certified flows and high-quality IP that are essential to meet or exceed their design targets on TSMC's advanced processes."

Jumpstart Designs on TSMC's Angstrom-Scale Processes
Synopsys' analog and digital flows are certified on TSMC A16™ and N2P processes to deliver optimized quality of results and accelerate analog design migration. Certified backside routing capabilities support customers to take advantage of the TSMC A16™ process, improving power distribution and design performance. Pattern-based pin access methodology has been enhanced for TSMC N2P and A16™ nodes to deliver competitive area results. To further optimize TSMC N2P designs, Synopsys Fusion Compiler is enhanced with a frequency optimization (Fmax) engine and intelligent legalization technology to boost performance.

In addition, the ongoing collaboration on Synopsys EDA flows for TSMC's A14 process demonstrates Synopsys' continued commitment to enable Synopsys EDA flows for robust, high-performance designs.

Synopsys IC Validator™ signoff physical verification solution, including Design Rule Checks (DRC) and Layout Versus Schematic (LVS) checking, is certified for A16™ and N2P processes. In addition, IC Validator's high-capacity elastic architecture seamlessly scaled PERC rules to handle TSMC N2P electrostatic discharge (ESD) verification with improved turnaround time. Synopsys and TSMC also collaborated to certify IC Validator 3DIC solution for the 3Dblox standard.

Driving Successful Adoption of 3D Integration
Synopsys and TSMC are leading semiconductor innovation by enabling 3DIC Compiler to support TSMC's CoWoS® technology for unprecedented 5.5x reticle interposer sizes, which has been proven in customer designs. The collaboration helps mutual customers meet demanding compute performance requirements for next-generation HPC and AI chips using wafer-on-wafer and chip-on-wafer advanced packaging. For a seamless migration to 2.5D and 3D multi-die designs, Synopsys' 3DIC Compiler supports 3Dblox and provides a single environment for analysis-driven feasibility exploration, prototyping, and floorplanning. The platform offers high throughput routing automation to enable ultra-high-density interconnects and increased productivity. 3DIC Compiler integrates multi-physics analysis and signoff solutions combined with Ansys simulation technologies for power, thermal, and signal integrity analysis.

Reduce Risk with Industry's Broadest Interface and Foundation IP Portfolio
Adopted by multiple customers, Synopsys offers best-in-class Interface and Foundation IP solutions for TSMC's N2/N2P processes, enabling maximum performance with the lowest power for advanced HPC, edge, and automotive chips. With successful deployment of Synopsys IP in thousands of designs, Synopsys and TSMC continue to enable mutual customers to reduce integration risk while meeting stringent power, performance, and area targets. Synopsys' complete, silicon-proven IP solutions for leading standards such as 1.6T Ethernet, PCIe 7.0, UCIe, HBM4, USB4, DDR5, LPDDR6/5X/5, and MIPI, along with embedded memories, logic libraries and IOs, provide a low-risk path for first pass silicon success.

Additionally, Synopsys has expanded its IP solutions portfolio to include standards-based UALink and Ultra Ethernet IP, which is built on industry-leading PCIe and Ethernet IP. Synopsys' silicon-proven 224G PHY IP, a backbone of high-performance computing (HPC) systems, has demonstrated wide ecosystem interoperability including optical and copper connections, enabling an early start on advanced HPC and AI chips for upcoming standards.

Additional Resources

Synopsys is hosting several demonstrations at the TSMC Tech Symposium Forum today in Santa Clara at Booth #408.