PLM Industry Summary

Editor: CIMdata News Team
19 September 2025

Contents

CIMdata News

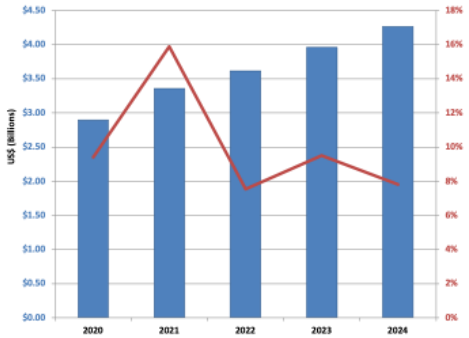
CIMdata Publishes China PLM Market Report

16 September 2025

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces the release of the CIMdata 2025 China PLM Market Analysis Report in English and Simplified Chinese language versions.

This report provides detailed information and in-depth analysis on the People's Republic of China's ("China") rapidly evolving PLM market for calendar year 2024, with forecasts from 2025 through 2029. The report discusses the major PLM trends and issues, PLM purchase investments in software and services, PLM adoption in various industry sectors, and market growth forecasts that pertain to China, an important and quickly expanding economic region. The report provides insight into PLM market dynamics within the region, as well as the revenue performance of the leading PLM solution providers operating within it, both China-based and international PLM solution providers headquartered elsewhere. It reports on revenues attributable to various PLM solution providers in the Chinese market. This report is a joint collaborative effort of CIMdata and China-based e-works Research (http://www.eworksglobal.com/ in English and http://www.e-works.net.cn in Chinese).

Stan Przybylinski, CIMdata Vice President, said, "In CIMdata's measurement, the global PLM market grew 10.7% in 2024, just above our forecast. Chinese industries that are heavily investing in PLM include aerospace and defense, automotive, industrial equipment, and high-tech & electronics enterprises. These early adopters are expanding and deepening their implementations. Sectors such as new energy vehicles and EDA attracted high levels of PLM investment in 2024, while PLM investments in textiles and construction engineering slowed. Biotechnology and medical industries, IC, and semiconductors also increased their adoption of PLM applications." The following chart illustrates the growth and size of the China PLM market from 2020 through 2024. Global PLM solution providers continue to invest in China and are expanding their partner networks and growing their customer bases. The leading international PLM solution providers, including Dassault Systèmes, PTC, and Siemens Digital Industries Software, had mixed results in China, but local firms are growing."



China PLM Market from 2020 through 2024
(CIMdata Estimates)

"Local Chinese solution providers continue to gain real market share as shown by their increased presence as described in the report," stated Peter Bilello, CIMdata's President and CEO. "We continue to have strong attendance at our annual China PLM Market & Industry Forum. The Chinese government continues to ramp up investment in local IT firms, which is having a real positive impact on the China-based market. These competitors are closer to their local market and are expanding their offerings into new segments, a good sign for the vitality of the Chinese PLM market. In fact, three Chinese firms made the top 10 in PLM revenue for 2024," he added.

CIMdata designed this report to be a valuable source of information to support the business and market planning processes of PLM solution providers that are targeting China, as well as industrial companies within China who would like to understand the PLM competitive landscape.

The 2025 China Market Analysis Report is available for purchase at: https://www.cimdata.com/en/online-store/market-analysis-reports/product/352-2025-china-plm-market-analysis-report.

CIMdata's PLM Certificate Program Returns to Ann Arbor to Equip Professionals for Digital Success

18 September 2025

CIMdata, Inc., the leading global strategic consulting and research firm focused on PLM (Product Lifecycle Management) and its digital transformation, announces the offering of its industry-standard PLM Certificate Program in Ann Arbor, MI, USA, from December 8-12, 2025.

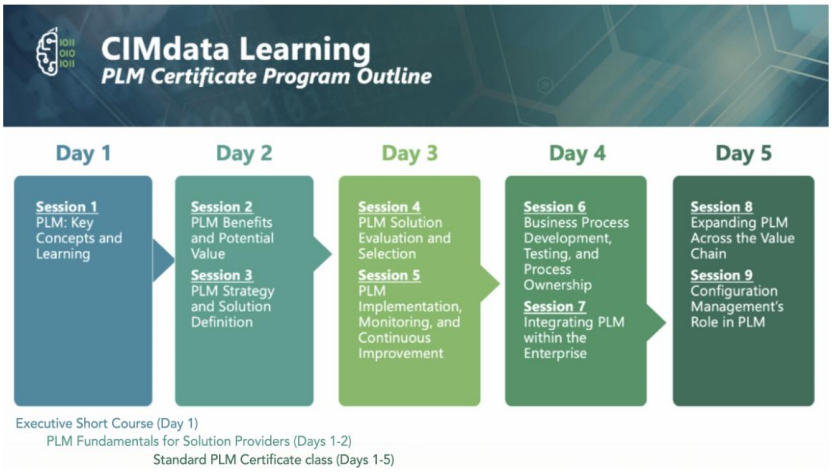
This unique program equips PLM professionals with the knowledge and skills to address common challenges in PLM strategy formulation and implementation. It is assessment-based and provides a personalized classroom experience, including individual and team exercises, as well as thorough achievement evaluations. CIMdata experts with decades of practical experience guide participants through the program collaboratively. Upon completing the program and assessments, participants will earn a Certificate of PLM Leadership.

CIMdata's Edge in PLM Education

With over forty years of industry leadership, CIMdata has a proven record of guiding industrial companies in developing and executing top-tier PLM strategies and tactics. Whether you're starting a new PLM journey or are already working on implementing PLM, this program supports all levels of expertise.

"As digital transformation initiatives become more complex and urgent, the need for high-impact PLM education has never been greater," said Cheryl Peck, CIMdata's Chief Marketing Officer. "With our decades of experience and deep industry insight, CIMdata is uniquely positioned to help PLM professionals overcome evolving challenges and succeed."

Along with the 5-day Standard PLM Certificate program, CIMdata offers a one-day Executive Short Course, a two-day PLM Fundamentals for Solution Providers Short Course, and a three-day Core PLM Certificate program.



Visit our website at https://www.cimdata.com/en/education/plm-certificate-program for details on CIMdata's Leadership Programs, including the different PLM Certificate Programs and short courses offered.

How PLM is Decarbonizing Automotive Transport—Amid Political Uncertainty – a CIMdata Commentary

17 September 2025

Why PLM Matters More than Ever

Takeaways

- PLM is a strategic enabler of the transportation industry's decarbonization through electrification, circularity, sustainable materials, and emission compliance. It supports vehicle and powertrain innovation throughout the product lifecycle—from eco-design concepts and simulation, to supply chain transparency and digital product passport enablement.
- US governmental policy uncertainty underscores the need for resilient strategies. With the potential rollbacks of federal emission rules, incentives, and agency capabilities, the US market is facing regulatory volatility. PLM empowers OEMs to decouple innovation from policy shifts, maintaining momentum regardless of current political direction.
- Global momentum is driving decarbonization. The EU, China, and countries across Asia and Latin America are tightening emissions, sustainability, and electrification mandates. PLM enables multinational coordination, allowing OEMs to harmonize efforts across jurisdictions, allowing them to stay ahead of compliance demands.
- For automotive and heavy-duty trucking companies to thrive, they must view decarbonization as a competitive imperative. While regulatory shifts may slow US domestic enforcement, the business case for decarbonization—driven by global targets, investor pressure, and consumer demand will only grow. OEMs that invest in PLM-led sustainability will be best positioned for 2030 and beyond.

Transportation Emissions & The Urgency for Decarbonization

The transportation sector is a major contributor to global greenhouse gas (GHG) emissions and air pollution. Road transport alone was responsible for 6.3 gigatons (Gt) of CO2 emissions in 2023, accounting for approximately 17% of total global energy-related CO2 emissions (IEA, 2024). Among these, passenger cars and vans contributed the most—approximately 3.8 Gt, or over 60% of road transport emissions. Freight trucks added another 30%, while buses and two- and three-wheelers made up the remaining 5%. This underscores the dominance of automotive transport as a source of climate-impacting emissions.

In addition to carbon emissions, the transport sector is also the leading contributor to urban air pollutants like Nitrogen Oxides (NOx) and Fine Particulate Matter (PM2.5), both of which are harmful to human health. Tailpipe emissions from internal combustion engine (ICE) vehicles, as well as non-exhaust sources like brake and tire wear (even for electric vehicles), are significant contributors. In densely populated urban areas, vehicles can account for up to 50% of NOx and over 30% of PM2.5 pollution.

The urgency to act is growing. In 2024, the average global surface temperature reached a staggering 1.55°C, the warmest year on record above the pre-industrial baseline (1850–1900). This surpasses the Paris Agreement's ideal goal of limiting global warming to 1.5°C and puts the long-term goal of 2.0°C by the end of the century at risk. The U.N. projects the planet could warm by 3.1°C by the end of the century unless significant decarbonization occurs.

To address these needs of improving air quality and lowering GHG emissions, most major automotive markets have set fuel economy or CO2 emission standards and stringent limits on tailpipe pollutant emissions. There is significant societal pressure on the transport sector, including light- and heavy-duty on-road vehicles, as well as off-road machinery, to further reduce their carbon footprint. This is driving another round of regulatory tightening, starting in the 2027–2028 timeframe, in Europe, the US, China, and India. The US has recently proposed pulling back on some of these regulations, which we highlight in the next section. Nevertheless, the upcoming standards are approaching “near-zero” tailpipe emissions and will require the adoption of advanced engine and powertrain technologies, electrification, and a shift to non-conventional and renewable fuels. A wide range of technologies are being developed, and global OEMs are making strategic choices in pursuing select pathways that enable global harmonization and leverage limited resources.

During the past few decades, the transport industry has made continuous technological advancements and has been able to meet ever-tightening emission standards. However, recent geopolitical changes in Europe and the US are drawing attention to the need to balance further regulations with the increasing complexity of managing a diverse set of powertrain technologies, as well as their supply chain and infrastructure needs. OEMs are seeking resilient, long-term strategies to navigate regulatory uncertainty and overcome challenges to adopting new technology.

The Shifting US Policy Landscape: A Decarbonization Setback?

In March 2024, the US EPA published a "Multi-Pollutant Emissions" rule for light-duty vehicles sold in model year (MY) 2027 and beyond. This effectively required a 50% reduction in fleet-averaged CO2 emissions from MY 2027 through 2032, a similar reduction in combined hydrocarbon and NOx emissions in that period, and a tightening of tailpipe particulate emission standard from 3 mg/mile to 0.5 mg/mile, over a broader range of driving conditions. While OEMs are free to choose any technology/powertrain pathway to meet the standards (supporting a "technology neutral" approach), the EPA estimated CO2 reductions would be met primarily through an increasing share of battery electric vehicles (BEVs), reaching 55% of new vehicles sold by 2032.

For heavy-duty vehicles, the EPA announced the "Clean Trucks Plan," which required an 82.5% reduction in tailpipe NOx from heavy-duty trucks starting MY 2027, and Phase 3 Greenhouse Gas standards, which require a 25 to 40% reduction in CO2 emissions for Class 8 tractors.

While the EPA does not set electric vehicle sales mandates, California has chosen to do so. The state has been granted waivers to set its own emission standards, provided they are tighter than the federal level. Its latest Advanced Clean Cars (ACC) II regulation set a 100% zero-emitting vehicle (ZEV) sales target by 2035. These standards have been adopted by 15 other ("Section 177") states, which cumulatively represent over a third of the US light-duty vehicle market. For heavy-duty vehicles, it has published a "Low NOx Omnibus" regulation, which requires a reduction in tailpipe NOx by 75% starting MY 2024, and the Advanced Clean Trucks (ACT) regulation, which sets ZEV sales mandates for heavy-duty trucks.

The Trump administration initiated a series of rapid deregulatory actions intended to dilute or rescind numerous previously established standards. Among the most significant, and with direct consequences for the transport sector, these include:

- Proposal to rescind the Greenhouse Gas (GHG) Endangerment Finding, which provides EPA with the legal basis for setting GHG limiting standards for vehicles. If implemented, this will nullify the current and proposed CO2 standards for heavy-duty and light-duty CO2 vehicles. It has implications for electric vehicle strategies at OEMs that were relying on the zero tailpipe emission certifications and the generated credits for meeting regulatory requirements.
- The use of the Congressional Review Act (CRA) to revoke waivers previously granted to California for the ACC II, Advanced Clean Trucks, and the Omnibus Low NOx regulation.
- A review of the criteria pollutant standards included in the MY2027+ Light- and Medium-Duty vehicle regulation, and the low NOx Clean Trucks Plan.
- Passage of the One Big Beautiful Bill, which included the following key provisions:
    - Elimination of Corporate Average Fuel Economy (CAFE) Civil Penalties
    - Modification of the Clean Fuel Production Credit (45Z), and provisions to promote domestic production of bio/renewable fuels
    - Termination of Clean Vehicle Credits Up to $7,500 for passenger EVs and Commercial Clean Vehicle credits (45W)

- Termination of Clean Hydrogen Fuel Credit (45V)

According to Mr. Ameya Joshi, CEO & Founder of MobilityNotes and a coauthor of this commentary, "US governmental policy uncertainty underscores the need for automotive OEMs to decouple innovation from policy shifts, maintaining momentum regardless of the current political direction."

Why PLM Matters More Than Ever

PLM-enabling solutions have become indispensable for automotive manufacturers as they face rapid shifts in regulations, customer expectations, and technology development timelines. Amid the uncertainty caused by shifting US emissions policy, PLM acts as a stabilizing force, providing manufacturers with the ability to continue strategic innovation even when regulatory clarity is lacking. Rather than delaying development while awaiting new policies, OEMs can leverage PLM solutions to model multiple compliance scenarios simultaneously, allowing them to stay on track regardless of how regulations evolve.

PLM supports the full management of vehicle electrification programs by enabling synchronized collaboration across mechanical, electrical, and software domains. This is particularly crucial as vehicle platforms evolve to integrate electric drivetrains, energy storage systems, and thermal management technologies. Through PLM, engineering teams across continents can collaborate in real time, ensuring accelerated program timelines and robust, compliant product launches.

Real-time emissions tracking becomes essential as regulatory pressure mounts to reduce product carbon footprints throughout a vehicle's lifecycle. PLM connects data across materials, components, and suppliers, making it possible to track embedded emissions early in the design process and throughout the supply chain. This visibility empowers OEMs to design out carbon and make better sourcing decisions up front that align with their sustainability goals.

As OEMs are increasingly expected to measure and reduce the environmental impact of their products, PLM plays a key role in supplier transparency. Companies must now monitor not just their own operations but those of Tier 1, 2, and 3 suppliers to meet Scope 3 emissions targets. PLM systems provide a central platform for collecting and validating supplier declarations, integrating sustainability metrics directly into the BOM and product development workflow.

PLM also helps optimize energy resource use during both product development and manufacturing. Simulations can model energy demands across systems such as HVAC, lighting, and drivetrains to determine optimal efficiency under real-world conditions. Additionally, PLM allows scenario modeling in manufacturing plants, enabling optimization of factory energy use and reduced operational carbon footprints.

The shift toward circular economy practices and regulatory frameworks like the EU's Ecodesign for Sustainable Products Regulation (ESPR) requires vehicles to be designed with recycling, reuse, and material recovery in mind. PLM supports this transition by allowing OEMs to embed circularity KPIs—such as recyclability, disassembly costs, and secondary material content—into early-stage vehicle designs. This not only prepares OEMs for compliance but also supports new business models based on reuse and refurbishment.

As part of the ESPR, the implementation of Digital Product Passports (DPP) will also place new demands on OEMs to track materials across their supply chain throughout a vehicle's lifecycle. PLM enables DPP integration by organizing and linking all relevant product data—from chemistry to component sourcing to performance—making it easily shareable across the value chain.

Digital Thread and Digital Twin data constructs supported by modern PLM solutions are particularly transformative. A Digital Thread creates traceable, bidirectional links among all stages of product development and usage, ensuring consistency and auditability. Digital Twins—a digital replica of physical products, processes, and simulations—enables advanced simulations of EV range, emissions behavior, and degradation over time, reducing costly physical prototypes and enabling quicker, more confident design iterations.

Emerging technologies such as Generative AI and Agentic AI are further amplifying PLM's value. These tools help engineers automate design validation, simulate regulatory scenarios, and explore novel materials, materials with less carbon dioxide equivalent (CO_2e), and new architectures with less human input. In an industry under pressure to innovate rapidly while meeting aggressive decarbonization goals, this AI-enhanced PLM capability may prove to be a key differentiator.

How PLM Accelerates Decarbonization Across the Automotive Lifecycle

PLM enables a comprehensive, end-to-end lifecycle approach to decarbonization by embedding sustainability into each phase of automotive development—from concept through end-of-life recycling. During the product design phase, PLM tools facilitate sustainable and eco-design strategies, such as lightweighting, modularity, energy-efficient architectures, and embedding sustainability into product structures such as including the CO_2e and other sustainability metadata related to parts and materials. By simulating performance with lighter materials and modular vehicle platforms, engineers can develop vehicles that require less energy to manufacture and operate. This results in a lower total product carbon footprint (PCF) and supports compliance with global fleet emissions targets.

Digital Twins offer powerful capabilities for simulating performance attributes critical to sustainability, such as range optimization in electric vehicles, energy consumption under varying driving conditions, and thermal system efficiency. These digital models allow OEMs to evaluate thousands of configurations quickly and cost-effectively, accelerating innovation and reducing physical testing. For example, improving thermal management through simulation can significantly boost battery efficiency, extending range and reducing charging needs.

Materials innovation is another key enabler of decarbonization. PLM platforms help R&D teams identify and validate low-carbon materials, track their source, and ensure they meet structural, regulatory, and environmental requirements. Integrations with databases like Ecoinvent or tools such as GaBi allow companies to lower their PCF for the materials and components that make up their product. This enables informed decision-making on trade-offs between performance, cost, and environmental impact.

In battery and powertrain R&D, PLM ensures data continuity among disciplines such as battery chemistry, control software, and mechanical packaging. As OEMs develop next-generation battery systems with greater energy density and recyclability, maintaining a unified development environment is essential. PLM provides the infrastructure to track development from lab-scale tests through production, ensuring safety, performance, and regulatory readiness.

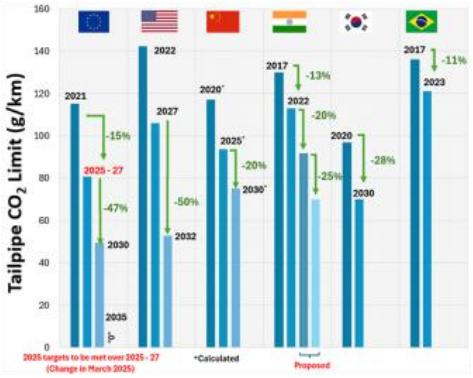
With the use of various Bill of Materials, PLM allows for precise modeling of Scope 1, 2, and 3 emissions. This not only reduces the environmental impact during design but enables manufacturers to evaluate the carbon intensity of production techniques, logistics routes, and even packaging options. PLM helps identify hotspots in the supply chain and supports scenario analysis to optimize for lower-carbon pathways, such as sourcing components regionally or shifting to greener suppliers.

Compliance and traceability are also enhanced through PLM. Whether facing Europe's battery regulations, China's NEV mandates, or India's fuel efficiency targets, OEMs must demonstrate compliance with an increasing number of detailed and dynamic requirements. PLM provides the digital backbone to document, track, and audit compliance throughout the vehicle's lifecycle. This proactive approach not only avoids regulatory penalties but also builds trust with consumers and investors alike.

Global Momentum

Companies are adjusting their strategies and reallocating resources to a slower-than-anticipated decarbonizing market. Any shift in direction, however, must be tempered with a broader global view given the emphasis on decarbonization in other parts of the world.

As shown in the following chart, CO2 limits for light-duty vehicles continue to tighten in major markets across the world. In Europe, the limit reduces to "0 g/km" by 2035, which will require phasing out new passenger cars with internal combustion engines (there is a provision to allow some vehicles to continue using synthetic fuels). In recent years, this has been driving a rapid increase in the market share of conventional and plug-in hybrids. China is the undisputed leader in electrification, with over 14 million EVs expected to be sold domestically in 2025, representing 70% of the world's EV share. China also owns much of the battery manufacturing and raw material supply chain.



CO2 Limits for Light-Duty Vehicles Tighten Across the World
(Courtesy of MobilityNotes)

Criteria pollutant emission standards are moving to their next and likely last stage. After much debate, Europe has finalized the Euro 7 norms, which effectively kept all gas emission standards the same as Euro 6. Tailpipe fine particulate standards are tightened to include sub-23 nm particles in the overall count, based on health concerns. There is greater emphasis on lowering emissions under real-world driving conditions and regulating non-tailpipe emissions, such as those from brakes and tires. A new "Batteries Regulation" has been published, which introduces targets on battery recycling and material recovery. For the first time, a lifecycle-based approach is adopted to evaluate the carbon footprint of batteries and their use with electric vehicles.

China and India are expected to publish their next criteria standards in the coming months and could exceed Europe in stringency for tailpipe limits. Other regions of the world—e.g., Japan, Korea, and Brazil—typically follow European standards, so that by the end of this decade, the tightest regulatory standards will likely propagate to most of the advanced automotive markets.

Meeting these standards will require the adoption of several advanced engine and emission control technologies, hybridization, renewable fuels, and ZEV technologies, including electric and hydrogen-powered vehicles. Each of these has its strengths and challenges, and countries are promoting a regional strategy based on their available resources. This is further highlighted in the heavy-duty sector, where decarbonization requires higher levels of infrastructure development, alternative powertrains, and more expensive solutions, and there is a greater need for cost parity with conventional fuels to support the business case. Meeting the low NOx standards in the US and Europe is already driving the adoption of innovative emission control systems. PLM will serve as a critical element for coordinating product strategy across such a diverse regulatory and policy framework across the world.

Conclusion

PLM has emerged as a strategic enabler of transport decarbonization, embedding sustainability into every phase of the automotive lifecycle—through electrification, circularity, sustainable materials, and compliance with ever-tightening global regulations. By integrating eco-design, simulation, digital threads and digital twins, supply chain transparency, and the advent of digital product passports, PLM provides the transport sector with the tools to innovate decisively, even amid regulatory uncertainty.

While US policy volatility presents real risks, PLM enables manufacturers to decouple innovation from political cycles and maintain long-term momentum. The global trajectory is clear: Europe, China, and markets across Asia and Latin America are driving toward stricter emissions and sustainability mandates, creating a regulatory baseline that OEMs cannot afford to ignore.

For automotive and heavy-duty trucking companies, decarbonization is no longer just a regulatory obligation—it is a competitive necessity shaped by investor expectations, consumer

demand, and global climate targets. Ironically, isolationist shifts in US policy may accelerate corporate and regional commitments to sustainability, as businesses and communities turn to clean energy, circular economies, and resilient supply chains to manage risks and costs.

CIMdata believes that ultimately, OEMs that embrace PLM as the backbone of their decarbonization strategies will be best positioned to thrive in this complex landscape—balancing compliance, competitiveness, and innovation on the road to 2030 and beyond.

New Aras CEO: Leon Lauritsen succeeds Roque Martin - a CIMdata Highlight

19 September 2025

On Thursday, September 18, 2025, Aras Corporation announced that Mr. Leon Lauritsen will succeed Mr. Roque Martin as CEO. Mr. Martin joined Aras as CEO in October 2021 following founder Mr. Peter Schroer. Under Mr. Martin, Aras continued its status as a CIMdata PLM Mindshare Leader due to their continued growth and industry impact. Mr. Martin will continue at Aras as an advisor.

Mr. Lauritsen came to Aras via its 2022 acquisition of Minerva, a top tier Aras partner. He spent over 20 years at Minerva, starting as a consultant, becoming vice-president and partner at the time of the Minerva acquisition. While at Minerva, he was instrumental in expanding their business via selling and supporting the Aras product. At Aras, Mr. Lauritsen had several sales leadership and general management roles most recently SVP of Global Sales and GM of Aras EMEA.

As CEO, CIMdata expects Lauritsen's strong technical and customer knowledge along with his sales and leadership experience and deep background within the Aras community will enable him to hit the ground running.

Company News

2025 Altair Enlighten Award Winners Announced

16 September 2025

Altair, a global leader in computational intelligence, has named the winners of the 2025 Altair Enlighten Award. Presented in association with the Center for Automotive Research (CAR), the award honors the greatest sustainability and lightweighting advancements that successfully reduce carbon footprint, mitigate water and energy consumption, and leverage material reuse and recycling efforts.

"In a rapidly transforming automotive landscape, organizations must continuously push the boundaries of sustainability innovation. Throughout its 13-year history, the Enlighten Award remains the premier honor showcasing the automotive industry's most groundbreaking achievements in sustainable technology," said Sam Mahalingam, chief technology officer, Altair. "We are proud to once again celebrate the organizations driving a more sustainable future."

"The Altair Enlighten Award represents the type of leadership our industry needs—bold, practical solutions that move us closer to a sustainable future," said Elizabeth Krear, president

and CEO, Center for Automotive Research. “At CAR, we see this award as a natural extension of our mission to convene stakeholders, highlight transformative research, and advance the technologies that will define tomorrow’s mobility. Together with Altair, we are shining a light on the innovations that will guide the road ahead—and today, we celebrate the winners who are setting a powerful example for the entire industry.”

Below is the complete list of all winning organizations, runners-up, and honorable mentions.

Future of Lightweighting

Winner: Vortex CAE – Enlighten™: A Novel Holistic Topometry Based Optimizer for the Design of Lightweight Crash Structures

- Vortex CAE’s new solver offers direct crash and impact optimizations using full fidelity models. The outputs produce holistic and pre-validated CAE solutions. Additionally, they developed a computationally efficient 3D generative-design methodology to identify and size fundamental structural features early on. A generative design case study cut 77% from the body-in-white mass while meeting or exceeding structural performance in 13 primary crash load cases. Assuming a 50% mass-retention loss, they estimate that $500 million in raw material costs for this vehicle could have been saved, along with 1.35 million tons of C02 from manufacturing alone.

Runner-up: Magna – Hemp-PA6 Composite Roof Rack Inner

- Magna successfully demonstrated the use of Hemp Nylon (PA6) in automotive exteriors, enhancing sustainability. The new sustainable material replaces talc in traditional nylon resin and was developed in collaboration with BASF and Heartland. The lightweight, renewable material absorbs CO_2 during growth, supports decarbonization, and delivers performance and processing equivalent to the original resin, marking a major advancement in the use of natural fibers for automotive applications.

Enabling Technology

Winner: CompositeEdge GmbH and ATA Mute B.V. – Adaptive Ultra-Thin Noise Solution

- CompositeEdge GmbH and ATA Mute B.V. have developed an acoustic element under 1 mm thick that offers up to 97% sound absorption, particularly at low frequencies where conventional materials are less effective. It is waterproof, fire-resistant, and fully recyclable, produced without adhesives from natural, carbon, or glass fibers combined with thermoplastics. The material maintains its performance in humid and high-temperature environments and is suitable for a wide range of applications such as cars, heat pumps, and interior facades.

Runner-up: Lucid – Modal Transient Analysis Based Durability CAE Workflow

- Lucid, in collaboration with the Altair® OptiStruct® development team, developed and implemented a seamless durability CAE workflow that progressed from MBD-based vehicle dynamics simulation to FEM-based strength, stiffness, and fatigue analysis, and ultimately to structural optimization. The workflow could be applied to a wide range of

components, including the body-in-white, subframes, battery pack, suspension components, powertrain, and closures, using a Global-Local Analysis approach for detailed local assessments with refined meshing.

Honorable Mention: Mercedes-Benz AG & Mercedes-Benz Research and Development India Private Limited – An Automated Sustainable Process for Generating Superelements

- This fully automated process streamlines setup to just 15 minutes for complex parts, eliminates user errors, and requires no manual intervention. This innovation enables agile, iterative optimizations with fast design feedback, while cutting computational demands, achieving over 90% runtime reduction, lower hardware utilization, and more efficient resource use.

Module Lightweighting

Winner: Syensqo and Geely – Amodel® PPA Stator Cooling System

- Geely improved e-motor efficiency with an innovative stator cooling design using Syensqo's Amodel® PPA, achieving 47% weight and 36% cost savings versus metal. The metal-to-plastic conversion reduces weight, enables part integration, and streamlines high-volume assembly through injection molding, laser welding, and snap fits. Highly resistant to automotive fluids, Amodel® PPA retains nearly 70% burst pressure resistance after 2,000 hours of aging at 150°C ATF, ensuring safety, and reliability. This innovative design achieves precise lubrication with lower oil pump power consumption, effectively reducing the risk of overheating spots.

Runner-up: American Axle & Manufacturing (AAM) – Modular Lightweight Axle Housing Innovation

- AAM's modular lightweight axle housing innovation replaced two axle configurations with a single, modular design, cutting complexity and cost. Delivering up to 10% mass reduction, around 1.3 million pounds annually across 145,000 units, the design was optimized using Altair's Multi-Model Optimization to balance weight and strength. Fully compatible with existing assembly lines and preserving back-serviceability, the solution reduces fuel consumption and emissions through material efficiency and streamlined logistics.

Sustainable Computing

Winner: Lucid – Design-Driven Structural Assessment to Enable Accelerated Product Development

- Lucid's Design-Driven Structural Assessment approach accelerates product development using Altair SimSolid®'s meshless solver. Engineers can run rapid design iterations directly within their CAD environment, eliminating the need for complex meshing or switching tools. The highly customizable workflow streamlines setup and empowers teams to optimize designs with greater speed and ease.

Runner-up: Mercedes-Benz AG & Mercedes-Benz Research and Development India Private Limited – An Automated Sustainable Process for Generating Superelements

- This fully automated process streamlines setup to just 15 minutes for complex parts, eliminates user errors, and requires no manual intervention. This innovation enables agile, iterative optimizations with fast design feedback, while cutting computational demands—achieving over 90% runtime reduction, lower hardware utilization, and more efficient resource use.

Sustainable Process

Winner: Marelli – Adhesive Wastewater Recovery Solution

- Marelli implemented a cleaning process for adhesive manufacturing equipment, such as robots and spray guns, utilized in bonding topcoat skins to substrates for cut, sew, and wrap parts. By using a three-part chemical agent, the process separates adhesive waste from the cleaning water, enabling recovery and reuse of approximately 85% of adhesive wastewater. This process reduced the plant's water consumption by 8,160 kilograms annually, with the recovered non-potable water able to be reused within manufacturing operations.

Runner-up: CITIC Dicastal Co., Ltd. – Key Technology for Integrated Forming of Large Aluminum Alloy Structural Components

- This innovation consolidates 98 parts into a single component, reducing weight by 30% and lowering both cycle time and cost. It marks the first application of a non-heat-treated Al-Mg alloy in commercial vehicle structures. A closed-loop thermal balance system ensures consistent forming quality, while rapid process simulation and C123 variable cross-section design optimize material usage and accelerate the design-to-validation cycle.

Sustainable Product

Winner: NIO and AkzoNobel – Bottom Plate Coating for Battery Pack to Improve Lifespan During Battery Swap for Electrical Vehicles

- NIO and AkzoNobel extended the lifespan of the bottom plate coating from 5 to 15 years while reducing coating thickness by 90%, cutting vehicle weight by 2.2 kg, and pioneering powder coating technology for electric vehicles. The innovation replaced non-recyclable materials with recyclable alternatives, eliminated VOC emissions, and improved coating efficiency by 55%, delivering significant sustainability benefits. Established through a unique car maker–tier 5 partnership, this scalable solution enhanced cost and efficiency across tiers 1 to 3 and has been mass-produced since November 2024, applied widely on NIO, Onvo, and Firefly EV models.

Runner-up: Chery Automobile Co., Ltd. – Answering Earth with Low-Carbon Recycled Aluminum

- Chery Automobile's low-carbon aluminum initiative uses 100% recycled aluminum in a closed-loop system with over 99% impurity removal and employs heat-treatment-free

integrated die-casting, cutting manufacturing energy by up to 95%. Achieving over 80% reduction in raw-material carbon emissions, it meets global low-carbon standards while maintaining strength and safety, and fosters collaborative ecosystems for scalable green manufacturing.

Responsible AI

Winner: Lucid – Predicting Crash Modes with Altair® PhysicsAI™

- Lucid transformed crash CAE by applying AI-driven insights to predict complex, non-linear deformation behaviors under realistic off-axis and oblique impact scenarios. By integrating Altair PhysicsAI with LS-DYNA, they trained surrogate models to classify crash modes, such as axial crush and bending, well before physical testing. This approach reduced design iterations, minimizing prototype reliance, and accelerating delivery of lightweight, crash-robust structures with high safety confidence. This scalable methodology was applied across multiple crash-critical components and contributed to sustainability by minimizing material use, reducing test waste, and supporting corporate decarbonization goals.

Runner-up: Lucid – Agentic AI for Engineering Automation

- Lucid automated CAD data retrieval, custom script execution, analysis, and reporting by implementing AI-driven natural language support, which eliminated the need to learn each individual tool. By simply stating broad concepts, the AI handled intricate details and seamlessly chained multiple applications, allowing data to flow automatically through the workflow pipeline. This approach enabled instant execution of ideas without waiting for manual intervention and avoided complex API use by automating interactions directly through the GUI.

As the automotive industry accelerates demand for safer, more efficient, and innovative products, Altair empowers transformation with AI-powered engineering, high-performance computing (HPC), and optimization across the entire product lifecycle. By enabling customers to reduce environmental impact, Altair's software and consulting services are helping shape a healthier, more sustainable future.

The Enlighten Award winners will be announced in an awards ceremony at the CAR Management Briefing Seminars in Detroit, Michigan on September 16, 2025.

Partners for the 2025 Enlighten Award include Auto Bild Japan, Autocar Professional, Automobil Industrie, Auto Messe Web, Auto Messe Web Worldwide, Center for Automotive Research, Google Cloud, Korean Society of Automotive Engineers (KSAE), SAE Automotive Engineering, and Tech Briefs.

Alcatel-Lucent Enterprise and ChapsVision enter into a Strategic Partnership to accelerate their customers' digital transformation with AI-powered solutions.

15 September 2025

Alcatel-Lucent Enterprise, a global leader in communications, collaboration, and networking solutions, and ChapsVision, the European champion in data processing and agent AI, have signed a strategic partnership to accelerate digital transformation of their respective enterprises and public organizations customers worldwide.

This partnership unites the complementary strengths of both companies: combining Alcatel-Lucent Enterprise's expertise in sovereign, secure, and industrial-scale communication platforms with ChapsVision's cutting-edge capabilities in data mining and AI, with a particular focus on agentic AI.

Through this collaboration, Alcatel-Lucent Enterprise will integrate ChapsVision's advanced AI technologies into its Rainbow Cloud platform and Network solutions. This will deliver an enhanced user experience, greater automation, and measurable value for customers across key industries worldwide.

Together, both companies will offer organizations a trusted European alternative to existing global solutions on the market, addressing rising concerns over data protection, regulatory compliance, and Europe's digital sovereignty.

Initially focused on France and Germany, the partnership will expand to additional regions in line with market demand, bringing global distribution of innovative, AI-driven solutions that combine local security standards with global scalability.

Altair and Gordon Murray Group Developing Groundbreaking Ultra Lightweight Platform

18 September 2025

Altair, a global leader in computational intelligence, announces the launch of a collaboration with Gordon Murray Group (GMG) as part of an Advanced Propulsion Centre UK (APC) facilitated project, M-LightEn. This project will utilize Altair's leading optimization solutions and concept development processes to support the next generation ultra lightweight and low embedded CO2 platform development for Gordon Murray Automotive's driver-focused vehicles.

The collaboration will utilize the Altair C123 process, designed specifically for rapid and collaborative simulation-led concept development. C123 enables efficient exploration of design trade-offs in structural mass and performance across various manufacturing methods, materials and vehicle architectures, ensuring innovative, optimized outcomes in record time.

"We are proud to support GMG on such a forward-looking program," said Dr. Royston Jones, global head of automotive, Altair. "By applying our C123 digital concept development approach, we will help significantly reduce development time while enabling the creation of highly optimized, ultra lightweight structures. This aligns perfectly with GMG's ambition to innovate rapidly and sustainably across its next generation of vehicle platforms."

The Gordon Murray Group continues to pioneer innovation in vehicle engineering, following the principles of its founder, professor Gordon Murray CBE. His illustrious career spans 20 years as technical director to the Brabham and McLaren Formula One teams, the creation of the F1

road car, establishing Gordon Murray Automotive and its iconic products such as T.50, T.33, and the most recent Le Mans GTR.

Under Gordon's direction, the M-LightEn collaborative research project – in partnership with Altair, Brunel University of London, Carbon ThreeSixty, and Constellium – aims to develop a production-ready, ultra lightweight, low CO_2 monocoque structure to support a range of future high-performance vehicles. This project is match-funded by the UK government's Department for Business and Trade and facilitated through the APC in partnership with Innovate UK.

This collaboration underscores the mutual commitment to innovation and sustainability in the automotive industry and marks a significant milestone in the advancement of vehicle platform development.

Altair's C123 is a unique three stage concept development process that integrates advanced optimization and simulation technology throughout the early design phases. It enables rapid, collaborative exploration of structural architectures across diverse vehicle platforms, manufacturing methods and materials. Supported by a bespoke toolbox built on the Altair® HyperWorks® design and simulation platform, C123 enhances CAD interoperability to streamline the transition from concept to production.

Aras Appoints Leon Lauritsen as Chief Executive Officer to Lead Next Phase of Growth

18 September 2025

Aras, a leader in product lifecycle management (PLM) and digital thread solutions, announced the appointment of Leon Lauritsen as its new CEO. He succeeds Roque Martin, who is stepping down after guiding Aras to new levels of success and profitability.

Lauritsen's appointment marks a significant new phase in Aras' vision to redefine how product teams leverage PLM software, product data, and the application of AI to create value for their organizations. With nearly 30 years of experience in the PLM industry, Lauritsen most recently served as head of global sales and general manager for EMEA.

"Aras has a unique technology foundation and an incredible opportunity to transform the way companies experience PLM software. We have the software solution, the experience, and the strategy to help leading product-driven organizations successfully leverage data and AI," Lauritsen said. "I am truly energized to lead this team during the technology shift caused by the adoption of AI, which will create opportunities for disruptors like Aras to change the industry."

Roque Martin, who will transition to an advisory role with Aras, said, "Aras is an incredible company, and it has been my honor to lead this extraordinary team for the past four years. We have consistently hit our growth and profitability targets – and led the market with our transition to SaaS. Aras is now recognized as a PLM leader, able to compete and win against much larger competitors."

Lauritsen has been with Aras for more than three years, having joined through the acquisition of Minerva in 2022. He started his career as an ERP programmer and consultant before holding

a series of roles with Minerva over his 20 years at the company, ultimately becoming its vice president and partner responsible for business in EMEA and North America. Since joining Aras, he has held a series of go-to-market leadership roles with increasing responsibility. Lauritsen is an avid judo practitioner, having competed on the Danish national team. He is currently serving as a member of the elite sports committee for the Danish judo federation.

AsInt and LTIMindtree Forge Strategic Partnership to Accelerate AI-Powered Transformation in Asset-Intensive Industries

17 September 2025

AsInt, Inc., a global leader in asset integrity and risk-based inspection solutions, has announced a strategic partnership with LTIMindtree, a global IT Consulting and Digital Solutions organization. Through this partnership, AsInt and LTIMindtree will jointly deliver integrated, AI-powered, Asset Performance Management and Asset Reliability solutions aimed at enhancing operational excellence, predictive maintenance, reliability, and intelligent asset performance for their clients in the Energy, Oil & Gas, and Utilities sectors across the Americas, Europe, Middle East, and Asia Pacific regions.

This collaboration combines AsInt's in-depth industry domain expertise and specialized applications—including Fixed Equipment Mechanical, Integrity Suite, Reliability Suite, Safety Suite, Planning Suite, and Mobile Field Inspection—with LTIMindtree's deep proficiency in SAP, IIOT, enterprise integration, data & analytics, and Industrial AI.

What This Partnership Delivers:

- **End-to-End Integration**: AsInt's applications embedded within SAP technology and aligned with LTIMindtree's delivery model across the SAP ecosystem. This integration ensures streamlined operations and unified data experiences for enterprise clients.
- **Accelerated Deployment**: The joint delivery model enables agile execution, reusable content, and faster time-to-market, with greater flexibility in deployment.
- **Future-Ready Solutions**: Innovations in AI, SAP Business Technology Platform (SAP BTP), cloud architecture, IIOT, and **iNxT—LTIMindtree's Industrial AI capabilities** to support the evolving needs of asset-intensive industries.

"At AsInt, we have always believed in building adaptable, future-ready solutions that align with how asset-intensive industries truly operate. This partnership with LTIMindtree brings together deep domain expertise, global delivery competency and capability, and a shared commitment to innovation. By integrating AsInt's purpose-built applications with LTIMindtree's SAP, IIOT, Asset Performance Management (APM), and Industrial AI strengths, we are delivering a compelling value proposition for clients seeking to simplify complexity, drive operational excellence, and prepare for what's next, including AI, cloud, and predictive insights",
said **Rohan Patel, Founder & CEO of AsInt, Inc**.

"Our collaboration with AsInt reinforces LTIMindtree's focus on delivering domain-driven digital transformation. The AsInt capabilities perfectly complement our core strengths of global SAP, IIOT & Industrial AI expertise and our focus on AI adoption to redefine transformation projects.

Together, we share a vision of helping asset-intensive organizations, especially in Energy, Oil & Gas, and Utilities industries to transition from reactive to predictive operations to strategic business outcomes." said **Krishnan Iyer, Chief Growth Officer, LTIMindtree**.

This partnership delivers results through active joint engagements with leading global clients, including the real-world delivery of Risk-Based Inspection (RBI) modernization, Inspection Data Management System (IDMS) upgrades, and strategic asset maintenance planning transformation. Together, AsInt and LTIMindtree aim not only to deploy software applications but also to co-create more innovative and scalable solutions that cater to the operational realities of frontline users, planners, and business leadership stakeholders in the ecosystem of Energy, Oil & Gas, and Utilities industries.

Bricsys Announces Partnership with TD SYNNEX Datech

16 September 2025

Bricsys, a global provider of the BricsCAD® design platform, announced a new partnership with Datech, a specialist design software business TD SYNNEX. leading global distributor and solutions aggregator for the IT ecosystem.

This agreement will make BricsCAD's powerful, cost-effective CAD solutions more accessible to TD SYNNEX's network of resellers and customers across North America, helping businesses innovate faster, work more efficiently, and reduce total CAD ownership costs.

Bricsys is experiencing rapid growth and needs the right partners to keep pace. Datech brings the scale, reseller network, and market expertise to help Bricsys reach more businesses, deliver solutions faster, and ensure customers get the tools, resources, and support they need to succeed.

"This partnership with TD SYNNEX marks a significant step in making BricsCAD more accessible to organizations seeking an alternative CAD platform without compromising performance," said Gary Smith, VP of Americas Sales at Bricsys. "By joining forces, we are combining BricsCAD's advanced design capabilities with Datech's unmatched distribution reach to empower more businesses to design smarter and achieve more."

BricsCAD is a modern, DWG-based CAD platform for 2D drafting, 3D modeling, BIM, and mechanical design—all in a single, familiar interface. Recognized for its speed, flexibility, and affordability, the platform provides a true alternative in a market dominated by legacy platforms, helping companies maximize productivity while minimizing costs.

"Datech is committed to uniting design software solutions that deliver business outcomes today and unlock growth for the future," said Jaap Smit, SVP, Datech and Business Applications Global at TD SYNNEX. "With Bricsys added to our comprehensive portfolio of vendor partners, we're able to enrich the breadth and depth of our design offerings and enable our customers with solid alternatives that the CAD market demands. Datech offers a robust digital distribution platform empowering resellers to manage the lifecycle and customer success of their end-users, based on LAER (Land, Adopt, Expand and Renew)."

Through this partnership, BricsCAD will be available to TD SYNNEX's extensive reseller ecosystem, making it easier for businesses to explore, purchase, and deploy BricsCAD through their preferred channels.

Cosmo Tech Extends Its Team to Advance AI Simulation Across the Middle East

11 September 2025

Cosmo Tech, a global leader in AI Simulation for enterprise decision-making, announced its expansion into the Middle East with the support of InoGates LLC led by two seasoned regional executives: **Marc Kassis** and **Ramy Lahoud**.

Cosmo Tech AI Simulation software helps industrial organizations navigate complexity and uncertainty by simulating millions of possible futures and identifying the best course of action. Deployed by major enterprises, it drives smarter decisions across supply chain, asset management, and finance—boosting profitability, resilience, and sustainability.

"With Marc's and Ramy's expertise in digital transformation and AI, as well as their deep experience in the region, we are confident that Cosmo Tech will deliver transformative value to organizations in the Middle East," said **Hugues de Bantel**, Co-founder & President EMEA at Cosmo Tech.

"We're proud to support the expansion of Cosmo Tech, the AI frontrunner, to the Middle East," said **Marc Kassis**, CEO and Founder of InoGates. "By enabling smarter, faster decisions, AI Simulation will unlock powerful levers of performance for the region's industrial and infrastructure leaders."

With over 30 years of leadership experience across the Middle East, Marc Kassis has held senior roles at Alcatel-Lucent, Atos, Dassault Systèmes, and Ingram Micro, leading large-scale technology deployments and transformation initiatives. Ramy Lahoud, former executive at Dassault Systèmes, Infor, and CA Technologies, brings a strong track record in scaling enterprise software and industrial AI solutions in the region.

As part of its regional momentum, Cosmo Tech will participate in the **Voices of AI Forum on September 25** at **Sorbonne University Abu Dhabi**, where the French and Emirati AI ecosystems will gather to explore collaboration across research, technology, and industry.

Its Co-Founder and Chief Science Officer, **Michel Morvan**, a pioneering expert on complex system modeling and AI, will deliver a presentation *"Mastering Industrial Complexity: The AI Shift to Overcome Uncertainty"* offering strategic insights on how this evolution is shaping the future of critical sectors.

Digital Twin Consortium Adds Eight New Testbeds

16 September 2025

The Digital Twin Consortium® (DTC) announced it added eight new testbeds to its Digital Twin Testbed Program, bringing the total to 16. Members can model, simulate, integrate, verify, deploy, and optimize digital twin solutions by providing unprecedented access to early-stage testbed development.

"We're excited to announce these innovative digital twin testbeds," said Dan Isaacs, GM & CTO of the DTC. "We're seeing strong interest from members worldwide in participating in our collaborative testbed program. Our members already utilize this program to develop and adopt AI-powered intelligent digital twins, generative AI digital twins, and other enabling technologies, advancing the core technologies that drive tomorrow's digital transformation."

DTC's eight new member-led testbeds include:

- **TWINSENSE: AI-based Virtual Sensing for Enhanced Real-time Understanding and Learning Systems Enhancement** – shows how digital twin technology can perform real-time virtual measurements of critical variables across diverse industrial assets. It addresses the challenge of measuring inaccessible or costly-to-monitor variables, leveraging digital twins for continuous virtual sensing. The testbed also calibrates AI-based novelty detection systems using transfer learning techniques that combine virtual and real-world data, enabling AI-driven proactive maintenance and improving maintenance accuracy by 40%. Lead Developer**:** Aingura IIoT, Co-Developer**:** XMPro
- **AEGIS: Agent-Empowered Guidance for Improving Student Outcomes** – The testbed shows that multi-agent systems, trained on survey data from high-risk students, can identify cognitive-emotional triggers that impact learning efficacy. The testbed simulates intervention scenarios and demonstrates how students can be trained to respond more effectively to these triggers, leading to improved engagement and reduced dropout rates. It validates AI-powered interventions for personalized learning and dropout prevention in education. Lead Developer**:** My Performance Learning, Co-Developer**:** Crysp
- **FAB – Factory-in-a-Box for Rapid Disaster Manufacturing** – The testbed is a mobile, modular digital twin-enabled manufacturing unit that can produce critical energy components in disaster-struck zones. It reduces transport costs and logistics burden, minimizes downtime of essential systems and infrastructure, and provides localized, resilient production with minimal setup. It also enables remote coordination through a digital twin interface. Field-deployable, these production systems improve community resilience and demonstrate the feasibility of digital twin-enabled micro-manufacturing in high-stress scenarios. Lead Developers: DRG Solutions and Oak Ridge High School, Contributing Technology Providers: Oak Ridge National Laboratory.
- **Q-Smart: Quantum Secure Data Exchange for Resilient Smart Home Cognitive Networks –** The Q-Smart testbed validates a cognitive, secure, self-learning platform-independent intelligent home system built on decentralized open-source components. It creates a personal cognitive hub using wireless mesh networks, dynamic live 3D models (digital twins), multi-agentic AI frameworks, and XR interfaces for energy optimization and indoor air quality management. The system emphasizes edge-native processing, ensuring all data remains within the home while leveraging quantum-safe (PQC-ready) protocols for future-proof security. By focusing on self-learning algorithms, it predicts and controls home aspects like HVAC and ventilation, reducing energy consumption by up to 25% and enhancing occupant comfort. Lead Developer: WINNIO.

- **TRANSFORM** -The TRANSFORM testbed validates an application framework that systematically converts static 2D data schemas into dynamic 4D geospatial representations withreal-time updates. The testbed addresses the critical challenge of standardized data interoperability across multiple applications while maintaining 99.9% data integrity during transformation. Using smart city infrastructure as the primary validation environment, the framework demonstrates seamless data transformation across transportation, utilities, and emergency services applications. Lead Developer: EDX Technologies, Co-Developer: Crysp.
- **SAFESME: Smart Asset Fast Enablement for SME Equipment**—The testbed demonstrates digital twin–driven commissioning and digital service enablement for SME manufacturing equipment, specifically injection molding machines and packaging machines. It validates that SME-scale manufacturing equipment can achieve cost-effective digital twin onboarding and digital service transformation. The testbed enables rapid, automated onboarding and commissioning in under 5 minutes per asset, reduces setup time and operator effort, and maintains high model alignment and API performance, all without requiring expensive PLC upgrades or high development overhead. Lead Developer: HS Soft.
- **Early Notification & Guidance for Academic Growth & Engagement (ENGAGE)** – The testbed is focused on determining whether a digital twin can be used to identify and support at-risk students. The testbed will create a comprehensive digital twin system that integrates academic scores, class participation, extracurricular involvement, behavioral indicators, and sentiment analysis to surface previously unmeasured emotional and engagement signals that are critical for student retention but currently invisible in traditional monitoring systems. Lead Developer: Austin Community College District.
- **Synthetic Healthcare Pathway Digital Twin (SYNTHEKID)** – The testbed transforms regional healthcare delivery through an innovative synthetic digital twin that models chronic kidney disease (CKD) pathways across Yorkshire, UK. It validates how privacy-preserving digital twins can optimize healthcare systems, enabling scenario planning and demand forecasting without compromising patient confidentiality. The platform validates critical intervention points that can improve outcomes and system efficiency by simulating patient journeys from early detection to clinical progression. Lead Developer: Health Innovation Network Yorkshire and Humber; Co-Developers**:** Nexus, Counterpoint Technologies, Crysp.

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

DMG MORI and OPEN MIND forge Global Sales Alliance

18 September 2025

DMG MORI CO., LTD. and OPEN MIND Technologies AG have entered into a global sales agreement. Both parties have established a certain number of local-affiliated companies in Asian market, and this each local entity is going to support global cooperation for each region. TECHNIUM CO., LTD. one of the DMG MORI group companies who provides software solution, education and e-commerce with Japan domestic market, becomes the entity to cooperate with each DMG MORI and OPEN MIND local entity, and boost sales across Asia.

The Japanese TECHNIUM CO., LTD. and OPEN MIND Technologies Japan K.K. have been successfully collaborating for 10 years. In the next phase, their local organizations in the United States started cooperating in early 2025. The third phase will focus on expanding into the Asian markets, as well as Australia. A strong local collaboration between DMG MORI and the CAD/CAM specialists at OPEN MIND, supported comprehensively by TECHNIUM Japan, will form the foundation for successful market penetration in these regions. Further international collaborations are planned, continuing the path toward a truly global partnership.

Jointly Promoting *hyper*MILL®

The two parties will collaborate to facilitate sales opportunities and business-development activities and enhance global marketing communication. Both companies are focused on jointly promoting *hyper*MILL®, one of the world's leading CAD/CAM software solutions from OPEN MIND.
As a strong advocate of Machining Transformation (MX), DMG MORI has led Digital Transformation (DX) worldwide, advancing process integration and automation. DMG MORI is aware that programming solutions must be the fundamental to DX. Therefore, DMG MORI believes partnering with OPEN MIND, one of the globally leading CAD/CAM and MES software developers who pursues the best and the most innovative software solutions, will generate significant synergies on both parties as well as markets for further improvement.

Enabling End-to-End Digital Process Chains

*hyper*MILL® offers powerfull CAD/CAM technologies that enable End-to-End Digital Process Chains. em>hyperMILL® is a completely modular CAD/CAM solution that provides state-of-the-art CAM technologies on its own CAD platform: from 2.5D, 3D and 5-axis machining as well as turning strategies and solutions for additive manufacturing, HSC and HPC machining. Whether automation, simulation or virtual machine – trendsetting technologies expand the product range and enable continuous digital process chains. Special applications and seamless interaction with all popular CAD solutions and exceptional customer service round out the company's products and capabilities. The innovative *hyper*MILL® CAD/CAM technologies fulfill the highest demands in aerospace, automotive, tool and mold manufacturing, production machining, medical, job shops, energy and semiconductor industries.

OPEN MIND's majority stake in manufacturing execution system (MES) developer Hummingbird expands the CAD/CAM manufacturer's product portfolio and enhances the range of connected digitalized manufacturing technologies. OPEN MIND is a Mensch und Machine company and has subsidiaries and qualified sales partners on all continents.

DMG MORI expects healthy growth from this activity, and at the same time, both parties keep industrial sustainability. DMG MORI and OPEN MIND will keep meeting market and customer needs with a "right products to right place" mindset, delivering quality-assured products and services.

DXC Launches Global AI Center of Competence to Accelerate Enterprise AI Adoption

17 September 2025

DXC Technology, a leading Fortune 500 global technology services provider, announced the launch of a new AI Center of Competence in Warsaw, Poland, which joins a growing network of DXC AI centers globally.

The center's 500 data & AI experts with expertise in multiple industries are helping companies around the world harness the power of AI to drive innovation, streamline operations, increase efficiency, and reduce costs.

Customers are already benefiting, including Ferrovial, a leading global infrastructure company listed on the Nasdaq exchange, employing more than 25,000 people worldwide. Ferrovial is collaborating with DXC's full stack engineers at the AI Center of Competence in Warsaw to continue developing AI Workbench, a next-generation generative AI platform that combines consulting, engineering, and secure enterprise services to help organizations scale responsible AI across their businesses.

Ferrovial is now using AI Workbench to enhance real-time operational management and elevate safety standards in its own organization. The solution leverages more than 30 intelligent agents capable of making real-time decisions, enabling Ferrovial to respond swiftly to evolving conditions and regulations.

"We are excited to tap into DXC's global engineering expertise through the AI Center of Competence Center in Warsaw," said Javier Lázaro, Digital Hub Director, Ferrovial. "We are working closely with DXC's engineers on the development of AI Workbench which we are already using across our organization to optimize decision-making and improve safety."

DXC's AI Center of Competence is built around three strategic pillars: resilient cloud infrastructure, intuitive AI interfaces, and a centralized hub for Research & Development. This approach enables organizations to fully harness the power of AI, simplify cloud operations, and maintain the highest data security standards globally.

"The AI Center of Competence is not just about building technology – it's about creating a global ecosystem for continuous learning, collaboration, and innovation," said Pete McEvoy, DXC's Managing Director for Data & AI. "Our experts in Poland will work with colleagues and customers around the world to deliver solutions that drive meaningful transformation across industries and geographies. By bringing together the right people, refining processes, and leveraging cutting-edge technology, we ensure that our AI innovations are not only powerful but practical, sustainable, and truly impactful."

The new center is part of DXC's expanding global AI network, which includes similar hubs in Bulgaria, India, the Philippines and Spain.

As a leader in enterprise-scale AI and data modernization, DXC helps organizations across industries harness the power of artificial intelligence to drive efficiency, innovation and growth. With decades of experience in data and engineering and a global network of AI centers of competence, DXC delivers secure, scalable solutions ranging from GenAI platforms like DXC AI Workbench to industry-specific AI agents, empowering customers to rapidly integrate responsible AI into their operations.

GeoDin and Symetri Join Forces to Deliver Geotechnical Data Solutions in North America

15 September 2025

GeoDin, a global leader in geotechnical data management software, announces a strategic partnership with Symetri, who creates and provides technology solutions and services for companies in the architecture, engineering, construction, process and power, and manufacturing industries.

This collaboration marks a significant milestone in GeoDin's strategy to expand its service offerings across North America and strengthen its global footprint as the trusted platform for geotechnical data management.

"We are excited to partner with Symetri to expand GeoDin's local presence in North America. This strategic collaboration will leverage Symetri's knowledge of the local AEC market needs to ensure we provide the highest value solutions to our joint regional clients, with delivery of tailored support and solutions including customizations and add-ins. This partnership represents our commitment to establishing a strong, sustainable presence in this key market with dedicated local support," said **Devrez Karabacak, Head of Product, GeoDin.**

"Partnering with GeoDin brings world-class geotechnical data management to our clients in North America, reflecting our shared vision for transforming the AEC industry", said **Shaun T. Rogers, Vice President of Client Engagement, Symetri.** "GeoDin's expertise in subsurface data integrates seamlessly with Symetri's strengths in design technology and digital delivery. This collaboration allows engineering and construction professionals to connect below-ground intelligence to above-ground design. Together, we are helping clients reduce risk, accelerate decision-making, and enhance collaboration throughout the project lifecycle. By uniting our capabilities, we empower clients to embrace digital transformation, improve efficiency, and deliver more resilient and sustainable infrastructure."

As GeoDin's authorized partner for North America, Symetri will represent the company at industry events, conferences, and client meetings. Symetri will also provide customer support, deliver official GeoDin training sessions, and advise on customization work—ensuring timely, localized service and solutions tailored to client requirements.

The partnership between GeoDin and Symetri reinforces both companies' dedication to innovation and client success in the geotechnical data space. The companies will showcase their collaboration at Autodesk University in Nashville from September 15-17. GeoDin will host a

special session dedicated to the importance of unlocking insights from 3D ground data in Civil 3D with GeoDin Ground.

Hexagon announces organisational updates and further details around the potential spin-off of Octave

15 September 2025

Leadership appointments

The potential separation of Octave will drive changes to the Hexagon AB and Octave leadership teams. On completion of the separation, Ben Maslen and Tony Zana will move from their roles on the Hexagon executive team and assume new roles within the Octave executive team, reporting to Mattias Stenberg. Both will remain part of the Hexagon executive team until the potential separation is completed.

On separation, Ben Maslen will become Chief Financial Officer (CFO) of Octave. Until now Ben served as Chief Strategy Officer of Hexagon, a position he held since 2017. Prior to this, he was co-head of the European Capital Goods equity research team at Morgan Stanley and an equity research analyst at Bank of America. Ben is also a chartered accountant. From today until the potential separation is completed Ben will remain on the Hexagon executive team as Executive Vice President, Octave.

On separation, Tony Zana will become Chief Legal Officer and Corporate Secretary of Octave. Tony is currently General Counsel and Chief Compliance Officer of Hexagon. Tony joined Hexagon in 2010 during the acquisition of Intergraph, where he was Vice President, General Counsel and Corporate Secretary and later served as Hexagon's Deputy General Counsel. Tony will remain as Hexagon's General Counsel and Chief Compliance Officer until the potential separation is completed.

"Ben brings a global perspective and a deep understanding of the industrial software landscape. His extensive track record in strategic leadership will be a major asset to Octave as we capitalise on growth opportunities that align with our new strategic direction," said Mattias Stenberg, current president of Hexagon's Asset Lifecycle Intelligence and Safety, Infrastructure & Geospatial divisions and incoming CEO of Octave. "Tony's proven leadership and expertise will be critical in advancing Octave's legal and compliance interests. His background and understanding of our business made his appointment the natural choice as we enter our next chapter."

Ben is succeeded by Andreas Wenzel, who joins from ABB where he was CFO for ABB E-mobility, and previously Head of Strategy and M&A of ABB. Andreas joined Hexagon during August 2025 and will assume the role of Chief Strategy Officer of Hexagon and be a member of Hexagon's executive management team as of today.

Tony will be succeeded by Thomas De Muynck, who joins from Jones Day's Brussels office, where he was head of the Belgian corporate practice. Thomas will join Hexagon on 15 October 2025, and during the period between joining and Tony's departure he will work alongside Tony

to handover responsibilities. Thomas will join Hexagon's executive management team at a later date.

"Andreas has a fantastic track record in strategy, M&A and driving excellence and profitable growth in decentralised business structures. I am thrilled that he has agreed to join Hexagon where his experience and leadership will complement the executive management team very well," said Anders Svensson, President and CEO, Hexagon. "Thomas has extensive legal experience from his time as a partner at Jones Day, which has included work on several Hexagon M&A transactions. I am pleased that we are adding his best-in-class experience as we move forward to the next phase of Hexagon's growth journey."

Swedish Depository Receipt duration

The Board of Hexagon has confirmed that it currently expects to maintain the listing of Octave's Swedish Depository Receipt (SDR) programme on Nasdaq Stockholm for about two years following a potential separation. It is expected that the Board of Octave will evaluate the status of the listing on Nasdaq Stockholm from time to time, including based on liquidity considerations. The SDR programme will be in addition to the primary U.S. listing of Octave's ordinary shares and is designed to facilitate the participation of current Hexagon shareholders in Octave, following the potential separation.

Divisional disclosures

Hexagon plans to present the ALI and SIG divisions and the ETQ and Bricsys software businesses as a single business area, the Octave division, from the third quarter of 2025. This reflects the new management structure and the ongoing integration of these businesses, and will directionally reflect the performance of Octave. This new divisional reporting structure will continue until the potential separation is completed, currently expected to be in the first half of 2026, subject to regulatory and other approvals.

Divisional reporting will continue to be on an IFRS basis and so will not be fully representative of how the Octave business may look as an independent listed entity, when it will apply US GAAP accounting standards. Restatements of the divisional performance for the period from Q1 2024 to Q2 2025 are provided below.

Restated divisional financial performance Q1 2024 – Q2 2025

Revenue	Q1 2024	Q2 2024	Q3 2024	Q4 2024	FY 2024	Q1 2025	Q2 2025
Manufacturing Intelligence*	459.5	464.6	444.9	510.0	1,879.0	448.9	468.0
Geosystems**	367.2	395.5	363.1	386.8	1,512.6	365.6	378.5
Octave	337.3	352.1	356.0	402.9	1,448.3	356.0	355.2

Autonomous Solutions	135.5	141.2	134.8	146.5	558.0	151.1	167.2
Corporate	0.4	0.0	1.0	1.8	3.2	1.2	1.8
Hexagon total	**1,299.9**	**1,353.4**	**1,299.8**	**1,448.0**	**5,401.1**	**1,322.8**	**1,370.7**
EBIT1	**Q1 2024**	**Q2 2024**	**Q3 2024**	**Q4 2024**	**FY 2024**	**Q1 2025**	**Q2 2025**
Manufacturing Intelligence	119.2	122.4	113.0	151.4	506.0	110.4	114.4
Geosystems	114.8	127.6	118.2	118.3	478.9	100.3	100.4
Octave	99.1	104.4	105.8	142.9	452.2	94.4	99.7
Autonomous Solutions	47.7	52.6	45.7	46.0	192.0	47.7	54.5
Corporate	-4.3	-7.5	-6.1	-8.3	-26.2	-8.1	-8.4
Hexagon total	**376.5**	**399.5**	**376.6**	**450.3**	**1,602.9**	**344.7**	**360.6**

*ETQ moved from Manufacturing Intelligence to Octave
**Bricsys moved from Geosystems to Octave

ModuleWorks Announces GPU Simulation Launch Partners: Sandvik's Cimatron and Mastercam

16 September 2025

ModuleWorks announces the upcoming market launch of its GPU Simulation. As part of the company's strategic partnership with Sandvik, the CAD/CAM software brands Cimatron and Mastercam will be the first to make the technology available in a commercial CAM solution. The rollout is scheduled for the next releases of both Cimatron and Mastercam.

ModuleWorks GPU Simulation uses GPU-accelerated processing to increase simulation speed. Benchmark tests indicate performance improvements of up to ten times compared to CPU-based approaches[1]. The technology is particularly aimed at large and complex 3- and 5-axis parts, where fast verification can significantly shorten programming cycles.

Integrating GPU Simulation with the multi-axis capabilities of Cimatron and Mastercam is designed to enable more efficient verification and programming workflows and increase job throughput.

Dr. Yavuz Murtezaoglu, Founder and Managing Director of ModuleWorks

"It's exciting to see our GPU Simulation being rolled out in two of the industry's leading solutions. Our strong partnership with Sandvik and their Cimatron and Mastercam brands demonstrates how collaboration can accelerate the adoption of new technologies. By working together in a strategic manner, we're able to quickly bring real performance gains to CAM users in the production environment."

Magnus Malmström, Chief Technology Officer, from Intelligent Manufacturing at Sandvik

"By harnessing the massive GPU-accelerated simulation through, e.g. NVIDIA GPUs, we're cutting toolpath verification from minutes to seconds, enabling manufacturers to work faster, safer and more efficiently. In collaboration with ModuleWorks, it comes to life now in our leading CAM solutions. This is a turning point to simplify manufacturing that empowers engineers to innovate and scale with confidence."

Ivan Krstic, Vice President of Product, at Mastercam

"Mastercam's mission is to create software and services that solve the world's manufacturing challenges. Being first to announce GPU Simulation to our user community means they will gain an immediate edge in simulation speed, power and workflow confidence, reinforcing the very advantages that have made Mastercam the world's most widely adopted and versatile CAD/CAM solution. Whether in the classroom or on the production floor, in aerospace, automotive, or general machining, this technology will deliver tangible value to all our users."

GPU Simulation will be incorporated into the next Mastercam release, planned for early 2026.

Simone Bonino, Global Product Director from Cimatron

"Cimatron sets the standard for innovation in toolmaking and complex part manufacturing. Early access to GPU Simulation in our integrated CAD/CAM end-to-end solution puts our users ahead of the curve, delivering the fastest, most reliable CAM simulation and programming workflow available. This breakthrough empowers moldmakers, die designers and advanced manufacturers to handle even the toughest jobs, like machining large 3- and 5-axis mold and die components, with more speed and accuracy, helping them deliver high-quality parts, faster than ever."

ModuleWorks GPU Simulation will be presented at EMO 2025 in Hanover, September 22–26, with hands-on demonstrations and interviews with Sandvik, Cimatron and Mastercam.

1 – Benchmark tests were conducted at the ModuleWorks facilities in Aachen, Germany using an AMD Ryzen 7 3700X CPU and NVIDIA GeForce RTX 4070 GPU which offer comparable mid-range performance. For more information and details of the test results, please contact ModuleWorks.

NextEra, backed by LTIMindtree Announces Partnership with ServiceNow to Accelerate Digital Transformation in the Middle East

15 September 2025

NextEra, a joint venture between LTIMindtree and Aramco Digital, has entered a partnership with ServiceNow, the AI platform for digital transformation, to drive large-scale digital

transformation across the Kingdom of Saudi Arabia and the broader MENA region. As a part of this partnership, NextEra will set up a proximity center at Imam Abdulrahman Bin Faisal University in Dammam, and ServiceNow will set up a Centre of Excellence to train and equip the local workforce, digitally.

This partnership brings together ServiceNow's intelligent workflow orchestration and NextEra's robust service. A key advantage is the availability of Agentic Central offerings built on ServiceNow and the ecosystem. This partnership will accelerate the deployment of generative AI and agentic automation across enterprise environments by leveraging core ServiceNow functionality and strong services capability of NextEra. Additionally, it will also address some of the most critical requirements of this geography – an Arabic user interface with strong localized solutions that meet unique regional needs and business challenges.

This partnership will enhance ServiceNow's presence across the MENA region. A key focus of the partnership is the development of industry-specific platforms that address real-world challenges in sectors like energy, BFSI, the public sector, and giga projects. These platforms are intended to deliver measurable impact, enabling organizations to modernize legacy systems, enhance agility, upgrade CRM and employee experience platforms, and consequently unlock new levels of operational excellence.

"By combining NextEra's regional expertise and LTIMindtree's proven playbooks and 'day-one ready' delivery capacity to the Kingdom along with the powerful ServiceNow AI Platform, we are uniquely positioned to help organizations reimagine their digital future. This partnership represents a bold step forward in our mission to deliver transformative outcomes for enterprises in the Kingdom. This also reflects our commitment to creating new job opportunities and nurturing technology talent in the region," said **Dina Aboonoq, CEO, NextEra; Executive VP, LTIMindtree**.

"Our collaboration with NextEra reflects ServiceNow's commitment to driving meaningful change across the Middle East. Together, we're enabling customers with intelligent workflows, scalable platforms, and AI-powered solutions that unlock new levels of agility and growth," said **Saif Mashat, Area Vice President, MEA at ServiceNow**.

This partnership marks convergence of cutting-edge technology, deep industry knowledge, and regional insight. It is a significant milestone in advancing digital transformation across the region, combining global innovation with local impact. Complementing this is NextEra's priority of 'Saudization' and alignment with Saudi Vision 2030 supported by LTIMindtree.

Octave unveils leadership team to lead the next era of industrial software innovation

16 September 2025

Octave, the proposed software spin-off from Hexagon AB, announced its executive leadership team, uniting visionary leaders, proven innovators and industry veterans. Octave will be a leader in enterprise software, turning data into decisive action and delivering intelligence at

scale for its customers. Hexagon expects Octave to list on a U.S. national securities exchange and it recently confirmed the duration of the related Swedish Depository Receipt program.

Octave is anticipated to include Hexagon's Asset Lifecycle Intelligence and Safety, Infrastructure & Geospatial divisions, along with ETQ (from the Manufacturing Intelligence division) and Bricsys (from the Geosystems division), creating one of the world's leading pureplay software companies. Octave's software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale.

"Octave is positioned to redefine how industries operate – helping the world's most essential organizations harness data and AI to drive resilience, safety and profitability," said Mattias Stenberg, prospective CEO of Octave. "This leadership team combines unmatched experience in scaling global software businesses with a clear vision of what's possible in the future."

Executive Leadership Team

Mattias Stenberg, Chief Executive Officer: Current President of Hexagon's Asset Lifecycle Intelligence and Safety, Infrastructure & Geospatial divisions, Stenberg has led the Hexagon Asset Lifecycle Intelligence division since 2017. Previously, Stenberg served in leadership roles spanning strategy, M&A and corporate development at Hexagon AB. He also serves as a board member at Sinch AB.

Ben Maslen, Chief Financial Officer: Current Chief Strategy Officer of Hexagon, a role he has held since 2017. Prior to Hexagon, Maslen held leadership and equity research roles at Morgan Stanley and Bank of America Merrill Lynch.

Jay Allardyce, Chief Product Officer: Recognized leader across the AI and enterprise software industries with over 20 years of experience building and transforming organizations. Previously served as co-founder of GenAI.Works, with prior leadership roles at HP, GE, Uptake, Google and insightsoftware.

Tamara Adams, Chief Revenue Officer: A global sales leader with over 20 years of experience driving transformation and growth across technology, sales, marketing and operations. She previously served in sales leadership roles at Honeywell, Oracle and, most recently, as Chief Revenue Officer at Dotmatics LLC, which was acquired by Siemens.

Tony Zana, Chief Legal Officer: Current General Counsel and Chief Compliance Officer for Hexagon, roles he has held since 2019. Zana, a U.S. qualified attorney, has over 20 years of experience with the businesses comprising Octave, including previously serving as Vice President, General Counsel and Corporate Secretary of Intergraph.

David Cryer, Chief Marketing Officer: Proven marketing leader with demonstrated success in driving digital transformation at Hexagon Asset Lifecycle Intelligence. Prior to Hexagon, Cryer held various leadership roles at Microsoft.

Jennifer Kaplan, Chief Human Resources Officer: Established human resources leader with more than 25 years of leadership at global technology companies. Kaplan currently leads human resources for Hexagon Asset Lifecycle Intelligence.

Vivek Mokashi, Chief Technology Officer: Engineering leader with three decades in product design, development and support, Mokashi currently serves as CTO for Hexagon Asset Lifecycle Intelligence.

Scott Moore, Chief Operating Officer: Veteran executive with more than 30 years of operational and financial leadership experience. Moore currently serves as both chief financial officer and chief operating officer for Hexagon's Asset Lifecycle Intelligence division, where he directs all aspects of the division's global finance and business operations.

With presence in 45 countries and major corporate hubs in all of our key regions, Octave's global presence will enable close collaboration with customers worldwide.

Additionally, Elizabeth Chwalk has been named Vice President, Investor Relations for Octave. Chwalk is a seasoned IR leader and former equity research analyst who brings a deep understanding of SaaS businesses, recurring revenue models and capital markets. Most recently, she led Investor Relations at Rapid7.

Subject to final board, shareholder and regulatory approvals, Octave's separation and listing are targeted for the first half of 2026.

PROLIM Approved for AWS Managed Service Provider (MSP) Program, Expanding Cloud Leadership

9 September 2025

PROLIM, a global leader in digital transformation and cloud solutions, is proud to announce its approval as an AWS Managed Service Provider (MSP) Partner. This achievement highlights PROLIM's proven expertise, customer success, and technical excellence in delivering the full lifecycle of AWS cloud services from strategy and migration to ongoing management, optimization, and innovation.

Driving Innovation Amid Industry Challenges

The AWS MSP Program recognizes partners who meet the highest bar of technical and operational excellence to provide end-to-end AWS solutions. As an AWS Advanced Consulting Partner with deep industry knowledge, PROLIM now joins an elite group of global providers trusted to design, manage, and optimize mission-critical cloud environments at scale.

"Achieving the AWS MSP designation is a significant milestone that reinforces our commitment to secure, scalable, and high-performing cloud solutions," said Prabhu Patil, Founder & CEO of PROLIM. "For our customers, this means cloud adoption is not only a technology enabler, but a strategic advantage driving innovation and business growth."

What This Means for Customers:

- By partnering with PROLIM as an AWS MSP, customers can expect Value additions in:
- Cost Optimization – Ongoing governance and right-sizing to reduce AWS spend.
- Security & Compliance – Continuous monitoring, vulnerability management, and alignment with frameworks such as FedRAMP, HIPAA, ISO, and NIST.

- 24/7 Operations – Proactive monitoring, incident management, and automated remediation.
- Innovation Enablement – Faster adoption of advanced AWS services like AI/ML, Analytics, and IoT.
- Business Continuity – Disaster Recovery (DR), backup, and multi-AZ high availability architectures.

Transforming Operations: A Success Story

Empowering Customers Through AWS Partnership: With the AWS MSP Partner designation, PROLIM is uniquely positioned to help organizations accelerate cloud adoption, modernize operations, and achieve strategic business outcomes on AWS.

Propel Software and Bild Create Fast and Easy CAD Connection with Cloud-Based PLM to PDM Integration

16 September 2025

Propel, creator of the first product value management (PVM) platform to transform how businesses create, market, sell, and service products, has entered into a strategic partnership with Bild to provide advanced product data management (PDM) integration to Propel. Bild is a secure, cloud-based data management tool built for modern hardware teams to increase engineering innovation. Its configurable and scalable solution is designed for teams relying on shared file folders, or using one or more legacy PDM systems to manage CAD files. The partnership enables Propel customers to further bolster their digital product thread with enhanced design data to strengthen collaboration and speed product development.

“Many manufacturers are struggling to manage multiple design tools in a streamlined fashion, which is time consuming and pulls engineers away from the more strategic aspects of their job,” said Eric Schrader, Chief Product Officer, Propel. “Our Bild partnership provides a ready-to-use solution built around core business use cases, helping product companies accelerate development cycles with a single product thread for managing design review and changes.”

Bild’s CAD-agnostic approach integrates Propel’s PVM with several of today’s well-known systems including AutoCAD, Creo, Inventor, SolidWorks, NX, and many others. This collaboration creates a secure, traceable data flow across the entire product lifecycle. By connecting engineering data directly to Propel’s PLM, companies can accelerate product design while improving version control and change management. Engineers gain the ability to generate part numbers in Propel, synchronize BOMs, and simplify change order workflows, all within a single, connected system.

Key partnership benefits:

- Automate and synchronize change orders across PLM and multi-CAD environments
- Design handoff occurs in existing work environment for engineering teams
- Cloud-secure architecture connects CAD and PLM systems

"As a rapidly growing medical device company, we needed a solution that would enable us to collaborate more effectively and accelerate innovation," said Jason Samson, senior manager and architect of business applications, Advanced Bionics. "The Propel-Bild cloud-based solution gives us exactly what we need; it's modern, flexible, and easy to adopt, without the complexity of traditional on-premise systems. It's helping us get up and running quickly and achieve value faster as we transition from our previous PLM solution, Agile."

"Our partnership with Propel delivers out-of-the-box integration between PDM and PLM, creating a seamless feedback loop between CAD data, change order management, and document management," said Pradyut Paul, CEO, Bild. "For customers moving from on-premise to the cloud, this integration simplifies what used to be a heavy lift. It supports the complexity of existing environments while making processes readily available and easy to adopt. Instead of relying on manual workflows in legacy systems, companies can now replicate and automate processes, ensuring design and release cycles stay tightly connected while accelerating time to value."

This strategic partnership is part of Propel's ongoing commitment to an open, configurable ecosystem that supports modern product development.

Siemens and TRUMPF partner to accelerate digital manufacturing and AI readiness

16 September 2025

Technology company Siemens and leading machine tools and laser manufacturer TRUMPF announced a partnership that promises to elevate industrial production by harnessing advanced digital manufacturing solutions. The collaboration joins Siemens' Xcelerator portfolio with TRUMPF's renowned machine-building and software expertise.

The partnership addresses a critical challenge in modern manufacturing: the disconnect between information technology (IT) and operational technology (OT) systems that has historically hindered production efficiency and innovation. By leveraging Siemens' Xcelerator portfolio and TRUMPF's manufacturing excellence, the collaboration aims to deliver comprehensive solutions that bridge this gap. Both companies are working on open and interoperable IT interfaces that will help to advance artificial intelligence (AI) readiness for motion control applications.

"Real transformation in a factory begins when machines on the shop floor are connected through a shared digital backbone – so that data flows seamlessly, decisions happen faster, and production responds to changing conditions," said Cedrik Neike, Member of the Managing Board at Siemens AG and CEO of Siemens Digital Industries. "By working with TRUMPF, we're making that connection effortless. We're bridging the gap between IT and OT so that manufacturers can move faster, adapt in real time, and prepare for the AI era. I'm proud to see two European champions leading the way."

Overcoming complexity with seamless system integration

In today's rapidly evolving industrial landscape, software is no longer just an add-on to hardware, it's becoming the key differentiator in manufacturing. From intelligent control

systems to data-driven optimization, a seamless integration of hardware and software enables entirely new levels of flexibility, efficiency, and value creation. For Siemens and TRUMPF, this shift has created significant opportunities, but also new complexities. Therefore, collaboration is essential and will enable faster innovation cycles, better integration of hardware and software, and a more scalable approach to delivering solutions and value through standardized interfaces.

The collaboration will also deliver tangible customer benefits through modular system architecture and unified system solutions. Standardized interfaces will allow for seamless connectivity between shop floor equipment and enterprise-level systems. Customers will benefit from increased operational efficiency, reduced engineering costs, and future-proof scalability by using open, modular automation solutions. These are critical to ensure future-proof AI readiness, that will permit customers to achieve faster time-to-market, improved production flexibility, and competitive manufacturing operations.

“TRUMPF is a leading company for smart factory solutions in the sheet metal industry. The cooperation with Siemens underpins our position as a solution provider. Thanks to the open standards, our customers will benefit even more from the digital networking of the production – from our machines to robots, grippers and part recognition with the help of AI. We’re taking industrial manufacturing to a whole new level with Siemens", said Stephan Mayer, CEO of Machine Tools at TRUMPF.

The partnership builds on regular exchanges among development teams at Siemens and TRUMPF, which underscores the importance of vibrant ecosystems for solving industry’s most pressing challenges.

Stratasys Advances Mindful Manufacturing™ Vision With Fourth Annual ESG and Sustainability Report, Featuring Year-Over-Year Scope 3 Emissions Disclosure

17 September 2025

Stratasys Ltd. released its fourth annual Environmental, Social and Governance (ESG) and Sustainability Report, showcasing significant progress in Mindful Manufacturing™ principles and reinforcing its leadership role in advancing sustainable, next-generation manufacturing.

A centerpiece of the 2024 report is the company’s first-ever year-over-year Scope 3 greenhouse gas (GHG) emissions disclosure. Verified by independent third parties, this expanded data collection, analysis, transparency and insights into Stratasys’ carbon footprint reinforce the company’s commitment to climate conscious operations and accountability.

The Scope 3 analysis was conducted by THG MyCarbon and received limited assurance from Motive Analytics. It includes emissions from purchased goods and services, upstream transportation, business travel, product use, and end-of-life treatment, providing a comprehensive view of the Stratasys value chain impact well beyond direct operations.

2024 Sustainability Highlights include:

- 23.1% reduction in overall carbon footprint (GHG emissions) from 2023 to 2024

- First Scope 3 emissions disclosure (2023 vs 2024), spanning 11 value chain categories
- 653 tCO_2e avoided through renewable energy use
- 15% reduction in water consumption intensity
- 38.4% of waste diverted from landfill
- 477 metric tons of materials recycled or reconditioned through take-back and trade-in programs
- Launch of SAF™ ReLife for full reuse of PA12 waste powder
- Launch of the GrabCAD Carbon Estimator for real-time carbon tracking in AM workflows
- Expansion of ISO 14001 environmental management certifications to sites in Germany and the U.S.
- Recognition with the EcoVadis Silver Medal, placing Stratasys among the top 15% of companies worldwide
- 38% female manager hiring rate (above 35% KPI and up from 25% last year)
- Record-high employee engagement score of 74 with 91% participation

The 2024 report details how Stratasys is embedding sustainability across its business, from product innovation to operations, with initiatives such as the launch of SAF™ ReLife, enabling 100% reuse of PA12 powder on our H350 machine, and the introduction of the GrabCAD Carbon Estimator, which helps manufacturers track and reduce the carbon impact of additive manufacturing.

“From our year-over-year Scope 3 emissions inventory to product innovations that enable low-carbon production, we’re helping manufacturers meet rising environmental expectations while embedding sustainability into our own operations,” said Rosa Coblens, Vice President of Global Sustainability and Communications at Stratasys. “Through our Mindful Manufacturing™ approach, we are showing that sustainable practices deliver important business impact — from reducing costs and waste to enabling more resilient supply chains. ESG excellence is central to how we innovate and lead in additive manufacturing.”

The annual ESG and Sustainability Report is published in accordance with the Global Reporting Initiative (GRI) and with reference to the Sustainability Accounting Standards Board (SASB) framework.

To access the full 2024 ESG and Sustainability Report, click here.

For more on Stratasys’ sustainability activity, click here.

Event News

Constellation Software Inc. Announces Conference Call to Discuss AI's Impact on Software Businesses

16 September 2025

Constellation Software Inc. ("Constellation" or "CSI") announced it will host a live shareholder question and answer audio webcast on September 22, 2025 at 9:00 a.m. ET. regarding the impact of Artificial Intelligence technologies ("AI") on software businesses.

Mark Leonard, President of Constellation, said:

"One of our largest shareholders asked CSI for a question and answer session regarding AI's impact on software businesses. We felt that the discussion would inevitably turn from the general to the CSI-specific, so we suggested a webcast where all shareholders would be able to pose questions. This is a nice example of an enterprising shareholder catalysing corporate action that benefits all shareholders.

AI has created uncertainty for our employees, shareholders and customers. CSI management don't purport to know the future of AI. We have a group of AI specialists throughout CSI. They don't know the future of AI, either. They do, however, help us monitor our AI progress and that of AI generally in our marketplaces. We've asked four of them to join our panel for this discussion. I hope you enjoy the Q&A session and emerge more informed."

To access the call, please dial 1-877-879-1183 (North America toll free) or 1-412-902-6703 (International) and using conference ID 2442103. A conference operator will create a queue and introduce each questioner. You can also hear the call using the link https://edge.media-server.com/mmc/p/xea2cw62. A replay of the call can be accessed using the link https://edge.media-server.com/mmc/p/xea2cw62 for 12 months following the call.

Nemetschek Group Showcases Vision for Sustainable & Digital Infrastructure at Global Infrastructure Expo and Smart Cities Saudi Expo

16 September 2025

The Nemetschek Group, a global leader in software solutions for the Architecture, Engineering, Construction, and Operations (AEC/O) industry, is spotlighting the future of the built environment at the Global Infrastructure Expo and Smart Cities Saudi Expo 2025, which opened today at the Riyadh International Convention & Exhibition Center.

At its booth, the company is showcasing how its comprehensive suite of solutions empowers organizations to innovate, collaborate, and build smarter, more sustainable infrastructure. The company's presence at the event directly aligns with Saudi Vision 2030's goals of urban modernization, economic diversification, and technological advancement. Through end-to-end digital workflows, Nemetschek's portfolio of brands enables seamless technology integration across the entire project lifecycle – from design to operation.

Visitors to the Nemetschek booth will have the opportunity to see live demonstrations of how Solibri ensures quality and compliance through advanced BIM checking and model validation. This is vital for the Kingdom's mega-projects, ensuring data integrity and error-free construction from the outset. Another brand, Bluebeam, enables teams to collaborate seamlessly through smart digital workflows, connecting project teams and improving productivity across large-scale construction projects. Experts will also showcase the cutting-edge capabilities of dTwin, an innovative digital twin platform that allows for smarter, more sustainable infrastructure management by creating a dynamic virtual replica of physical assets that enables real-time monitoring and predictive maintenance throughout a project's lifecycle. Architects and designers will also be able to explore how solutions by Graphisoft can help bring their visions to life with greater efficiency and creativity.

Through these brands, Nemetschek Arabia is helping to create a more connected and technologically advanced built environment in Saudi Arabia and the GCC region. The company's emphasis on open standards and digital workflows is key to creating a truly interoperable ecosystem, which is crucial for the success of the Kingdom's ambitious urban development initiatives.

"Our participation at the Global Infrastructure Expo and Smart Cities Saudi Expo is a testament to Nemetschek Arabia’s commitment to advancing the Kingdom’s Vision 2030," said Muayad Simbawa, Managing Director of Nemetschek Arabia. "We are bringing world-class digital expertise to support Saudi Arabia’s giga-projects and smart city ambitions – helping organizations design, build, and manage with greater efficiency, transparency, and sustainability. These initiatives are not only transforming skylines but also creating a resilient ecosystem of innovation, and we are proud to provide the digital foundation that makes this transformation possible."

Accelerating digital transformation in the GCC’s AEC/O sector

Nemetschek Arabia is also strengthening its commitment to the region through a strategic partnership with Integrated Dimensions Computer Systems Design (IDC), powered by Udayd Alqimma Co, a leading firm specializing in Building Information Modeling (BIM), engineering, and data. The companies signed a Memorandum of Understanding (MoU) during the expo to collaborate on joint market development, sales enablement, and customer support. The partnership will help to promote Nemetschek's software solutions and grow its customer base across the Kingdom by providing robust pre-sales and post-sales support, as well as specialized training to help customers maximize the value of their investments. The MoU marks the first step in what is intended to be a long-term collaboration focused on helping the local AEC/O industry streamline project delivery, from the conceptual stage to final handover.

Radwan Al jarrah, Operations Director at Integrated Dimensions Computer Systems Design, said: "Partnering with the Nemetschek Group, a global leader in AEC/O software, is a significant milestone for our company. This collaboration allows us to bring their innovative solutions directly to our clients and support them in implementing cutting-edge technologies that are crucial for the region's ambitious development projects. We are excited to combine our local market knowledge with Nemetschek's expertise to drive real value for the industry."

For his part, Muayad Simbawa added, “We are incredibly proud to partner with Integrated Dimensions Computer Systems Design. This MoU is more than just a collaboration; it's a strategic alignment of two companies dedicated to advancing the region's digital transformation agenda. Together, we'll work to ensure that our shared customers have the tools and support they need to build the cities of the future,".

Nemetschek's solutions are central to the development of smart cities by providing the foundation for intelligent urban environments. The integration of technologies like BIM, digital twins, and collaborative platforms allows city planners and builders to create systems that optimize energy use, manage traffic flow, and ensure the long-term health and efficiency of a city's infrastructure. Nemetschek Arabia's presence at the event solidifies its role as a key partner in this transformation, offering the technology and expertise required to build the cities of tomorrow.

The Global Infrastructure Expo and Smart Cities Saudi Expo 2025 brings together policymakers, industry leaders, and technology experts from around the world. Nemetschek Arabia’s presence reinforces its role as a strategic partner in driving digital transformation across Saudi Arabia’s construction and infrastructure sectors. Visitors can learn more about Nemetschek Arabia’s innovations at Booth 3C59 at the event.

Stilo at LavaCon 2025 | October 5-8

16 September 2025

Stilo Corporation is excited to announce that we will be exhibiting at **LavaCon 2025**, taking place **October 5–8 in Atlanta, Georgia**. LavaCon is a premier gathering for content strategy, content design, and user experience professionals to share best practices, explore emerging trends, and make meaningful connections across industries. With over 70 sessions and hands-on workshops planned, the conference provides a platform for innovation in how organizations plan, implement, and manage content initiatives.

At Stilo, our mission is to help organizations **streamline their content workflows by converting legacy content and source formats into DITA XML quickly, accurately, and at scale**. Our innovative tools and services enable teams to reduce conversion costs, accelerate project timelines, and unlock the full potential of structured content. By transforming unstructured content into reusable, topic-based DITA, we help companies improve content consistency, deliver better customer experiences, and future-proof their content operations.

Visit the conference website for further information and to register.

Financial News

Nano Dimension Announces Financial Results for the Second Quarter 2025

17 September 2025

Nano Dimension Ltd. (“Nano Dimension”, “Nano”, or the “Company”), a leader in digital manufacturing solutions, announced financial results for the second quarter ended June 30, 2025.

The consolidated results incorporate the financial position and performance of Markforged Holding Corporation (“Markforged”) from the acquisition date of April 25, 2025, inclusive of revenue of $16.1 million, gross profit of $3.4 million and GAAP net loss of $10.3 million.

Desktop Metal, Inc. (“Desktop Metal”) was acquired by the Company on April 2, 2025. The Company determined that the Desktop Metal asset group qualified as 'assets held for sale' on the acquisition date, and the assets and liabilities held for sale are recorded as such on the condensed consolidated balance sheet as of June 30, 2025. The condensed consolidated statement of operations includes impairment of the asset group of $139.4 million and loss from operations for the period of acquisition through June 30, 2025 of $30.4 million which are both included within 'net loss from discontinued operations'.

On July 28, 2025, following a process conducted by Desktop Metal’s independent Board of Directors to explore available strategic alternatives and address Desktop Metal’s significant liabilities and liquidity needs stemming from decisions made by its prior management, Desktop Metal and certain of its subsidiaries filed voluntary petitions for relief under Chapter 11 of Title 11 of the United States Code (the “Bankruptcy Code”) in the United States Bankruptcy Court for the Southern District of Texas (the “Bankruptcy Court”). Desktop Metal’s Chapter 11 filing was authorized by its independent Board of Directors. As part of its and its subsidiaries’ Chapter 11 cases, which are pending and are being jointly administered by the Bankruptcy Court under Case No. 25-90268 (CML), Desktop Metal has obtained approval from the Bankruptcy Court to sell various of its assets pursuant to Section 363 of the Bankruptcy Code.

Second Quarter 2025 Results:

- Revenue: $25.8 million, a 72.4% increase from $15.0 million year-over-year
- Gross Margin (“GM”): 27.3%, down from 44.7% year-over-year
- Adjusted Gross Margin (“Adjusted GM”): 44.7%, down from 46.1% year-over-year
- Adjusted EBITDA loss: $16.7 million, from a loss of $14.6 million year-over-year
- Net Loss from Continuing Operations: $11.4 million, down from a loss of $44.6 million year-over-year
- Total Cash, cash equivalents, deposits and investable securities: $551.0 million as of June 30, 2025, down from $840.4 million as of March 31, 2025 primarily due to the closing of the Markforged and Desktop Metal acquisitions closed during the quarter

Details regarding Adjusted EBITDA and Adjusted Gross Margin can be found below in this press release under “Non-GAAP Financial Measures.”

David Stehlin, Chief Executive Officer, commented, "As the new CEO of Nano Dimension, I am focused on building on our many strengths while also addressing challenges head on. Last week we initiated a strategic alternatives review, a deliberate and thoughtful process designed to

unlock the full potential of Nano Dimension and maximize value for our shareholders. While this review is underway, we continue to advance our operations and pursue new opportunities. The addition of Markforged, in the second quarter, has expanded our reach into new markets and customers, bringing market-leading products and exceptional talent. While the Desktop Metal process has been challenging and cost-intensive, our balance sheet remains among the strongest in the industry. As we move through the second half of the year, we will stay focused on disciplined execution by advancing our technologies and enhancing our customer relationships that will continue to drive our next phase of growth."

Recent Developments

- Leadership Change: David S. Stehlin has been appointed Chief Executive Officer, effective September 8, 2025.
- Strategic Initiatives: A formal review has been initiated to explore strategic alternatives aimed at maximizing shareholder value.
- Financial & Accounting: We successfully transitioned our financial reporting from IFRS to US GAAP.
- Markforged Acquisition Update (Closed April 25, 2025): We have fully consolidated the results of the Markforged business as of April 25, 2025.
- Cash position as of August 31, 2025: Total Cash, cash equivalents, deposits and investable securities for Nano Dimension, including Markforged, totaled over $520 million. This excludes any amounts related to Desktop Metal and reflects continued strong liquidity.

Conference Call
Nano Dimension will host a conference call to discuss its financial results, September 17, 2025, at 4:30 p.m. EDT.

Participants can also dial-in/connect by following the below:

Listen in via US dial-in: 1-844-695-5517
Listen via international dial-in: 1-412-902-6751
Listen via
webcast: https://event.choruscall.com/mediaframe/webcast.html?webcastid=cRJhknfB

For those unable to participate in the conference call, there will be a replay available from a link on Nano Dimension's website at http://investors.nano-di.com/events-and-presentations.

Nano Dimension to Host Q2 2025 Financial Results Conference Call

10 September 2025

Nano Dimension Ltd., a leader in Digital Manufacturing solutions, announced it will host a conference call and webcast to discuss its Q2 2025 financial results for the period ended June 30, 2025.

Date: Wednesday, September 17, 2025
Time: 4:30 pm EST
Listen in via US dial-in: 1-844-695-5517
Listen via international dial-in: 1-412-902-6751
Listen via
webcast: https://event.choruscall.com/mediaframe/webcast.html?webcastid=cRJhknfB

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Implementation Investments

Aneo selects IFS Cloud to accelerate international growth and sustainability ambitions

16 September 2025

IFS, the leading provider of Industrial AI software, announced that Aneo, a leading Nordic renewable energy company, has selected IFS Cloud™ to support its strategy for international expansion and sustainable energy leadership.

The move sees Aneo transition from its on-premise solution to IFS Cloud, providing a secure platform to drive operational best practices globally and scale into new markets. The company will leverage IFS's Enterprise Asset Management (EAM), Finance, and Supply Chain capabilities to optimize operations and enhance decision-making across its business.

As a leading force in the renewable energy sector, Aneo required a solution that will streamline processes, simplify its IT landscape, and support long-term growth. By adopting IFS Cloud, Aneo will standardize global purchasing processes — replacing fragmented usage with the single-composable platform available through IFS Cloud. In parallel, Aneo will harness the power of the platform to implement a centralized approach to warehouse management, enabling the business to phase out third-party systems and reduce operational complexity.

The transformation will also include the standardization of global maintenance practices, embedding a unified process with mobile tools for field service teams, enhancing efficiency and equipment uptime. Project management capabilities will be enhanced, with a focus on empowering project managers and owners through improved visibility, automation, and reporting.

To accelerate operations, Aneo will automate reporting workflows, removing the need for time-consuming manual tasks, and scale its use of API integrations and EDI to support seamless data exchange and operational agility across the enterprise.

The program will be guided by the IFS Success Framework, ensuring rapid time to value and a structured path to transformation. Aneo will also embrace IFS's evergreen delivery model,

allowing for continuous innovation and access to the latest features through regular updates — keeping the business at the forefront of industrial software innovation.

Kim Rodø, ERP Manager at Aneo, said: "Moving to IFS Cloud is a critical step in supporting Aneo's ambitious growth strategy. With IFS, we gain the flexibility to scale internationally, embed global best practices, and operate on a modern, secure platform that will serve us for years to come. IFS Cloud will not only strengthen our operational efficiency but also accelerate our ability to deliver sustainable energy solutions in new markets."

Christian Pedersen, Chief Product Officer at IFS, said: "We are proud to support Aneo as it drives the energy transition in the Nordics and beyond. By choosing IFS Cloud, Aneo is future-proofing its operations with a single, composable platform designed to scale and adapt as its business evolves. Our teams will work closely with Aneo to ensure rapid time to value and continued innovation through our evergreen model."

Autodesk Will Partner With the Kraft Group as the Official Design and Make Platform for the New England Patriots

15 September 2025

Autodesk, Inc., a global leader in Design and Make technology for designers, engineers, builders and creators, has launched a multi-year partnership with the Kraft Group in which Autodesk will be the Official Design and Make Platform for the New England Patriots.

This first-of-its-kind collaboration with an NFL team brings Autodesk's innovative tools into the heart of the Patriots and Kraft Group's ecosystem, building a foundation for long-term impact both on and off the field.

As part of this partnership, the Patriots and the Kraft Group will implement **Autodesk Construction Cloud** to streamline and execute long-term infrastructure projects. From facility upgrades and large-scale real estate developments, to hosting capacity crowd events like concerts at Gillette Stadium, the **Autodesk Design and Make Platform** will power how the organization builds into the future.

"We're excited to bring Autodesk's capabilities into our world, not only to enhance our facilities and operational efficiency, but also to elevate the way we approach innovation throughout the Kraft Group," said Ted Fire, Vice President of Construction for the Kraft Group. *"This is more than a sponsorship, it's a working partnership that helps us build smarter and prepare for the future."*

The partnership also reflects Autodesk's long-standing commitment to Boston, where it operates one of its Technology Centers in the Seaport District. The Autodesk Technology Center in Boston serves as a hub for fabrication, innovation, and research, supporting startups, students, and professionals building the next wave of Design and Make innovations.

"With Autodesk as their Design and Make Platform, the Kraft Group is creating the digital foundation that not only streamlines construction today, but also strengthens the performance and value of their facilities for years to come," said Sidharth Haksar, Vice President, Head of Construction Strategy and Partnerships at Autodesk.

Additionally, as the Official Design and Make Platform, Autodesk will be seen across the Patriots media, facilities and fan experience initiatives, with use of co-branded Patriots marks for marketing, promotions, and creative integrations. The partnership will be showcased with dynamic TV visible LED corner end zone signage at all Patriots home games at Gillette Stadium driving high-impact visibility for the partnership during live broadcasts.

In addition, Autodesk will be featured in a variety of content shared across Patriots social and digital channels, designed to drive Autodesk brand awareness and connect how Autodesk is helping design and make the next legacy.

This partnership was led by Boston based Athlete-Driven Worldwide, who led negotiations and created the multi-year collaboration in partnership with the New England Patriots.

AVEVA and Government of Maharashtra Sign MOU to accelerate Maharashtra Vision 2030

21 September 2025

AVEVA, a global leader in industrial software, and the Government of Maharashtra have signed a Memorandum of Understanding (MOU) to collaborate on the "Connected Maharashtra" initiative, a key component of the state's Vision 2030 roadmap. This partnership aims to leverage digital transformation, industrial AI, and cross-sector innovation to position Maharashtra as India's first fully integrated connected state.

Designed to enhance efficiency, reduce costs, increase revenue generation, and support sustainability goals across industrial value chains, the collaboration will also help catalyse smart adoption across all critical infrastructure.

A key component of this initiative involves developing comprehensive, digitized service offerings, financial benefit plans, and a digital implementation roadmap for all departments in Maharashtra, ensuring alignment with Maharashtra Vision 2030 and net-zero sustainability objectives. The deployment of industrial solutions across Maharashtra's departments will enable real-time data analytics, predictive maintenance, and operational optimization.

The MOU outlines the initial phase of this collaboration, known as the "Lighthouse Project – Discovery Phase." The primary objectives are to:

- **Accelerate Digital Transformation:** Focus on modernising key sectors, including water, energy, and infrastructure, using advanced technology.
- **Establish a Foundational Digital Platform:** Develop a single, integrated platform to enable seamless data exchange and collaboration across different government departments and private sectors.
- **Foster a Collaborative Ecosystem:** Create a network of partners, including government bodies, system integrators, academic institutions, and private enterprises, to drive innovation.

- **Support Sustainable Growth:** Align technological advancements with the Maharashtra Vision 2030 and the state's Net Zero commitments.
- **Demonstrate Tangible Value:** Pilot and showcase use cases to prove a clear return on investment (ROI) and measure efficiency gains from these digital initiatives.

Commenting on the partnership, **Chris Lee, Senior Vice President and Head of Asia Pacific at AVEVA** said, "This formal collaboration with the Government of Maharashtra marks a significant step toward creating smarter, more sustainable, and more resilient infrastructure for the people. We are excited to align our expertise in industrial software and AI with the state's ambitious Maharashtra Vision 2030, and we are confident we can help achieve a digitally integrated future that benefits all citizens."

Sue Quense, Chief Commercial Officer at AVEVA, added, "At AVEVA, we believe in the power of technology to create meaningful, lasting impact. Our collaboration with the Government of Maharashtra reflects our commitment to enabling digital transformation that is both innovative and sustainable. By bringing together data, AI, and cross-sector expertise, we aim to support Maharashtra in building a connected future that delivers tangible value to its citizens."

This collaboration builds on AVEVA's successful history of enabling unified data management across critical public infrastructure. Under the Jal Jeevan Mission, the Government of Maharashtra has deployed the AVEVA PI System to unify data monitoring and reporting, ensuring safe drinking water and improved scheme management for millions across the state. In Pimpri-Chinchwad Municipal Corporation (PCMC), a unified operations system integrating utilities, transport, and infrastructure onto a single platform has already led to a 15–20% reduction in energy use and emissions and a 15–18% decrease in water losses—supporting the city's goal of becoming India's most livable city by 2030.

The Connected Maharashtra initiative builds on these successes as a cornerstone of the state's Vision 2030, with future phases planned to scale pilot projects, expand smart infrastructure across sectors such as energy, water, and mobility, and build long-term digital capability through training, collaboration, and measurable value creation.

BINDER Fördertechnik delivers customized solutions faster with CIM Database PLM

18 September 2025

With CONTACT Elements as its central information platform, BINDER Fördertechnik is driving its digital transformation forward. The machinery manufacturer is now replacing its previous solution and is automating complex processes with CIM Database PLM.

BINDER develops modern conveyor technology solutions tailored to its customers' individual needs. The mechanical engineering experts take into account the intended application and related aspects such as material selection, adaptation to the size and weight of the conveyed goods, and the resource-efficient operation of the systems. To meet customer requirements for documentation, a consistent database is essential.

In the past, BINDER used keytech PLM/DMS for this purpose and is now replacing that system with CIM Database PLM from CONTACT Software. This allows the company to break down data

silos and ensure transparent, more streamlined processes. With the PLM solution, BINDER aims to accelerate its digital transformation, involving all departments in the process. For the bidirectional exchange of part master data, CONTACT is integrating the abas ERP system as well as SolidWorks.

"CONTACT will help us to further digitalize our processes and find solutions that are perfectly tailored to our specific needs," says Rudolf Haberl, Head of Engineering and Project Planning at BINDER Fördertechnik. For example, some customizations from the previous system, such as the determination of sheet metal thicknesses, will also be implemented in CIM Database.

In the second phase, BINDER plans to implement variant management as well as digitalize and expand service operations with CONTACT Elements for IoT. The smart services solution will help the company respond flexibly to requirements, thereby increasing customer satisfaction. The option to easily switch to a cloud instance later on also convinced BINDER.

BINDER Fördertechnik has been developing future-proof solutions for conveyor and material handling technology for over 50 years. The company, headquartered in Burgstetten near Stuttgart, Germany, also offers individual custom solutions. With 60 employees, the machinery manufacturer generated approximately 15 million Euros in revenue in 2024.

Grundfos Chooses Dassault Systèmes' 3DEXPERIENCE Platform on the Cloud for Its Sustainable Business Transformation

18 September 2025

Dassault Systèmes announced that Grundfos, a global leader in advanced pump and water solutions, has chosen the 3DEXPERIENCE platform on the cloud to digitally transform its commercial building services, domestic building services, industry and water utility divisions.

In a multiyear agreement,[1] Grundfos will use Dassault Systèmes' entire portfolio of industrial equipment industry solution experiences based on the 3DEXPERIENCE platform, to manage product lifecycles more sustainably, and drive its services business. Virtual twins integrating modeling, simulation, data science and artificial intelligence will enable 3,500 users to collaborate, increase productivity and innovation, improve traceability and control, reduce operating costs and time to market, and enable new business models at scale.

The U.N. declared a Water Action Decade focused on the sustainable development and integrated management of safe water resources in light of estimates showing that billions of people do not have access. Grundfos' decision to adopt the 3DEXPERIENCE platform reinforces its commitment to pioneer solutions to the world's water challenges through a dedicated digital transformation strategy.

For four decades, Grundfos has been using Dassault Systèmes' CATIA applications to design thousands of products that move and treat water. As it sought a new approach to how it innovates and operates, the company recognized the value of migrating data and solutions to the cloud-based 3DEXPERIENCE platform. Grundfos gains end-to-end visibility on all processes, predictive maintenance capabilities, real-time performance analytics and a digital thread throughout the lifecycle for the faster development of more sustainable, quality solutions.

"Grundfos' purpose is to pioneer solutions to the world's water and climate challenges and improve quality of life for people. To achieve it, we are focusing our business on sustainability and intelligent solutions to innovate differently, operate efficiently, and lead the market. The 3DEXPERIENCE platform on the cloud supports this strategy with technology that has driven sustainable change across many industries. It also further deepens our long-standing relationship with Dassault Systèmes that has been built on a shared commitment to improve quality of life for people," said Björn Axling, Head of PLM, Grundfos.

"By creating a virtual twin of the water lifecycle on the 3DEXPERIENCE platform, Grundfos embodies our 3D UNIV+RSES vision, accelerating innovation, collaboration and sustainability in managing the planet's most valuable resource, while setting a powerful example for the entire sector," said Philippe Bartissol, Vice President, Industrial Equipment Industry, Dassault Systèmes.

[1]The agreement between Grundfos and Dassault Systèmes was signed in Q1 2025.

Jaspal Group Goes Live with Centric PLM to Boost Product Performance and Competitiveness

18 September 2025

Centric Software® is pleased to announce that Jaspal Public Company Limited (Jaspal Group) has successfully gone live with Centric Product Lifecycle Management (Centric PLM™), marking a key milestone in its digital transformation journey to strengthen product development. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, comply, buy, make, price, allocate, assort, market, sell and replenish fashion, luxury, footwear, outdoor, home, cosmetics & personal care products as well as multi-category retail, to achieve strategic and operational digital transformation goals.

Jaspal Group is a Thai-founded fashion and lifestyle company carrying forward a legacy spanning 70 years of heritage. Armed with an impressive portfolio of over 25 brands, Jaspal Group leads as a brand owner and distributor, managing a diverse mix of apparel, accessories, home goods and beauty products. Its portfolio of brands includes Jaspal, CPS Chaps, Lyn, Jelly Bunny, CC Double O and Misty Mynx, alongside exclusive distribution of global names such as Diesel, Melissa and Fred Perry in Thailand. The company reaches consumers through an expansive retail network that covers Southeast Asia, supported by strong e-commerce and wholesale channels.

Managing a growing multi-category portfolio prompted Jaspal Group to reevaluate how product development could evolve across its business units, as the company scaled its operations. Gaining a full view of product data, from design through sourcing and manufacturing, was growing increasingly complex, as much of the development process was managed through disconnected tools. In response, the company selected Centric PLM in 2024 to unify product data, improve decision-making across the product lifecycle and strengthen competitiveness in a fast-moving market.

Following a successful implementation, Jaspal Group now operates on a connected, scalable platform that is capable of managing complex, multi-brand and multi-category operations. "With the implementation of Centric PLM, we are able to drive business growth by aligning various teams and leveraging data-driven insights," reflects Suthep Thanomboonchaeroen, Chief Technology Officer at Jaspal Group.

A unified foundation for product data enables Jaspal Group to optimize cross-functional coordination and make smarter decisions, boosting day-to-day efficiency and accelerating innovation. Integration with Jaspal Group's ERP system ensures data continuity and accuracy. By improving alignment across teams and categories, the business is positioned to harness real-time, actionable insights to enhance product performance, reduce lead times and scale operations across markets and categories.

Collaboration is further strengthened through Centric PLM's supplier portal, which provides suppliers with real-time updates and centralized communication on a single platform. "We expect the supplier portal to improve communication, accelerate onboarding and approval processes along our network of suppliers," notes Thanomboonchaeroen.

Now that a scalable digital foundation has been established, Jaspal Group is prepared to roll out the next phase of its digital roadmap with Centric PLM. This will see Centric PLM extended to additional business functions such as BOM structuring, shipment tracking and quality assurance, to create a fully connected, responsive and data-driven supply chain.

"Jaspal Group is building a digital ecosystem that facilitates growth and long-term innovation," shares Fabrice Canonge, President of Centric Software. "We're very pleased to partner with a company that recognizes the value of scaling with intention. We are prepared to drive their expansion in the future across Southeast Asia and beyond."

NCC Moves to the Cloud with Dassault Systèmes to Turn Cutting-Edge Research and Technology into Industrial Impact

16 September 2025

Dassault Systèmes announced that NCC, a world-leading innovation organization, has adopted the 3DEXPERIENCE platform on the cloud and extended its use to other innovation centers within the U.K. High Value Manufacturing Catapult network.

Already using Dassault Systèmes' solutions for over a decade, NCC decided to shift to a cloud-based platform approach to address sustainability challenges in sectors like aviation, placing the 3DEXPERIENCE platform at the core of its research and innovation.

Today's industries are using advanced materials such as composites to make better products with less waste that last longer. In the aerospace sector, for example, cutting-edge research is helping drive the design of lighter, stronger, more durable and cleaner aerostructures, engines and propulsion systems that are transforming commercial fleets and advanced air mobility. An estimated 50% of new aircraft are made of composites.

NCC wanted to respond to the requirements of its industrial and manufacturing customers more quickly and with greater agility, as well as facilitate collaboration with other centers in its

network on developing, scaling up and realizing technologies. The 3DEXPERIENCE platform provides rapid access to a collaborative environment and AI-powered virtual twin experiences that accelerate all aspects of the value chain, from design to manufacturing.

NCC can rely on model-based systems engineering capabilities with full traceability to explore and optimize composites solutions for high-level demonstrators, shared research programs, and customer projects in areas such as next generation wing performance, materials recycling processes, defense aircraft, and advanced air mobility in addition to research in other industrial sectors.

"Moving to the 3DEXPERIENCE platform, on the cloud, is a strategic step that improves how we collaborate, innovate and deliver. It will help us respond faster to industry needs, reduce development time, and scale new technologies more effectively. For NCC, this strengthens our role in driving industrial impact — supporting productivity, high-value jobs, and long-term economic growth in the UK," said Mark Summers, CTO, NCC.

"The aerospace and defense sector is experiencing a paradigm shift that requires innovations, and new ways to create them. By adopting our 3DEXPERIENCE platform on the cloud, NCC can connect teams, data and applications in one virtual experience for improved collaboration and composites innovation," said David Ziegler, Vice President, Aerospace and Defense Industry, Dassault Systèmes.

Prodiet Speeds Up R&D by 90%, Enhances Control and Drives Innovation with Centric PLM

16 September 2025

Centric Software® proudly shares the success story of its client, Prodiet Medical Nutrition, a trailblazer in clinical nutrition in Brazil. Centric Software provides the most innovative enterprise solutions to plan, formulate, develop, procure, manufacture and sell consumer goods products in food & beverage, grocery, fashion and multi-category retail to achieve strategic and operational digital transformation goals.

Prodiet is renowned for developing cutting-edge formulas in the clinical nutrition sector. Dedicated to fostering health and well-being, the company offers a comprehensive range of products for both home and hospital care, focusing on recovery and sustained nutritional support. Over the past five years, Prodiet has experienced remarkable growth, fueled by a strong commitment to continuous improvement.

However, this expansion brought challenges. One significant hurdle was the need for a secure and efficient exchange of information within the technical department. Luciana Dutra, Head of R&D and Regulatory Affairs, reflects on the company's efforts to find a digital solution. "We conducted an extensive search for a tool that could deliver both immediate and long-term benefits. That's when we discovered Centric PLM™. It's the best fit for our needs, offering a stronger foundation for the company's future."

By replacing manual spreadsheets and enabling remote collaboration with integrated, accessible data, Prodiet has transformed its innovation process. Camila Mendes, R&D Analyst,

shares a clear example. “When tasked with developing a new product, I’m able to simulate four different formulations in just 30 minutes to an hour. Previously, this would have taken several days.”

Centric PLM also ensures precise data management and compliance with regulations from Anvisa and the European Community, cutting regulatory analysis time from ten days to just one. This efficiency has been key to accelerating Prodiet’s international expansion.

Rockwell Automation Selected by Middleby Food Processing Corporation to Power Industry’s First Full Automated Bacon Line

16 September 2025

Rockwell Automation, Inc., the world’s largest company dedicated to industrial automation and digital transformation, has been selected by Middleby Food Processing to help develop the food industry’s first fully automated bacon production line—which was unveiled at the IFFA tradeshow Frankfurt, Germany earlier this year. As demand grows for more efficient, flexible and sustainable food processing solutions, Middleby Food Processing turned to Rockwell to deliver a unified automation platform capable of transforming production.

Headquartered in Elgin, Illinois, Middleby Food Processing is a global leader in foodservice innovation. The company needed a scalable solution to support customers facing rising labor costs, space constraints and stricter sustainability goals. Rockwell stood out for its deep engineering expertise, seamless integration capabilities and proven ability to future-proof manufacturing systems.

“Premier integration of Rockwell Automation equipment across the Middleby Food Processing brands was key to our decision,” said Mark Salman, president, Middleby Food Processing. “We needed long term flexibility and interoperability across machines. Rockwell delivered that, along with robust engineering support and best-in-class programming practices.”

Rockwell’s solution includes FactoryTalk® Optix™, which standardizes operator interfaces and application code libraries, such as Machine Builder Library and Device Objects, which create a consistent programming structure across equipment brands. This architecture makes it easier for service technicians to troubleshoot and support systems remotely while enabling real-time data strategies and production agility.

“We are proud to support Middleby Food Processing’s vision for the future of food production,” said Steve Pulsifer, senior manager, partner marketing, Rockwell Automation. “This collaboration shows what’s possible when innovation and automation come together. This fully automated bacon line improves throughput, reduces labor and wastewater usage and raises the bar for food manufacturing”

While the bacon line is a breakthrough, Middleby Food Processing’s automation efforts extend across food segments, including bakery and protein. Its solutions, powered by Rockwell, are designed for adaptability—making it easier for customers to tailor systems to unique operational needs and stay ahead in a competitive market.

UiPath Goes Live with SAP Cloud ERP Private

18 September 2025

SAP SE announced that UiPath Inc., a global leader in agentic automation, has successfully gone live with an SAP Cloud ERP Private solution as part of its strategic digital transformation initiative.

The company achieved 93% clean core in solution design and 88% clean core across the overall implementation, advancing its goals to modernize ERP, a component of its ongoing journey toward operational excellence.

As part of UiPath's growth strategy, the company targeted ERP as a critical area of transformation, taking an automation-first approach to streamline and standardize its operations. As a global company, UiPath needs to comply with multi-GAAP reporting across different geographies. By moving to the cloud, UiPath is now able to connect fragmented systems, cut time and resources spent on billing cycles, and simplify complex multi-GAAP reporting processes—including order to cash, lead to cash, finance, procurement and human resources.

"Our transformation efforts are centered around two key goals—how can we leverage automation to improve customer experience and, in doing so, make our teams and overall business more efficient and agile," UiPath CFO and COO Ashim Gupta said. "Modernizing our ERP system was a strategic move to meet those two goals, enabling greater agility and efficiency through the automation and standardization of key processes and workflows. SAP Cloud ERP Private gave us the ability to do just that with the added benefit of a frictionless transition with minimal disruption, positioning us for future growth and innovation."

The high clean core scores reflect UiPath's commitment to adopt best practices from SAP and minimize custom code to help ensure long-term agility and ease of innovation. The implementation was delivered on time and within scope, supported by a collaborative effort between UiPath and SAP. With SAP Cloud ERP Private now live, UiPath is well positioned to accelerate its automation-first vision and drive continuous innovation across its global operations, enabling scalable growth, improved compliance and enhanced user experience across its enterprise functions.

"UiPath's successful go-live with SAP Cloud ERP shows how next-generation ERP, when combined with intelligent automation can deliver tangible business outcomes: faster processes, leaner operations and the ability to scale globally," said Jan Gilg, chief revenue officer and president, SAP Americas and the Global Business Suite. "This is what disciplined execution and an outcomes-driven transform looks like in an AI-first economy, which is why we're proud to partner with UiPath on their journey."

Product News

Centric Software Unveils Retail AI Innovations Tailored for Global Markets

15 September 2025

Centric Software® is pleased to announce new innovations to Centric Planning™, delivering added value through AI-enhanced demand forecasting, smarter assortment intelligence and deeper integrations with Centric PLM™, and Centric Visual Boards™. Centric Software provides the most innovative enterprise solutions to market, sell and replenish fashion, luxury, footwear, outdoor, home, food & beverage, cosmetics & personal care products, consumer electronics as well as multi-category retail, to achieve strategic and operational digital transformation goals.

Centric Planning harnesses AI-driven forecasting with real-time connections to critical assortment and product go-to-market workflows. Combined with intelligent assortment and inventory planning, retailers and brands can unlock up to 110% improvement in margins. Proven results include doubling operating margins, cutting planning cycle times by 75%, reducing inventory by 50% and shortening budget preparation time by half—driving faster decisions, happier teams and increased agility.

Highlights of the latest upgrades to the Centric Planning platform include:

- **New competitive benchmarking embedded in the planning stage**
  Without visibility into competitor assortments, brands risk missed opportunities and pricing errors. New AI-powered benchmarking in Centric Planning identifies assortment gaps through similar-product recognition and pricing analysis, with live market data from Centric Market Intelligence™ embedded directly into planning workflows. Retailers gain the insight to shape more relevant assortments and respond swiftly to market shifts.
- **Strategic replenishment algorithm for the Chinese market**
  China's rapid production cycles and regional logistics require a different approach to inventory planning. Centric Planning now includes a market-specific replenishment algorithm that boosts store-level accuracy and supply chain agility across the region. For global retailers operating in or expanding into China, this is a strategic capability that reflects Centric Software's commitment to delivering localized intelligence within a unified, scalable platform.
- **Enhanced AI-based assortment planning quantification**
  Planning and defining the right buy-quantities during the pre-season phase has long challenged merchandisers, often resulting in stock imbalances, excess inventory or premature markdowns. To address this, Centric Planning has introduced AI-powered pre-season forecasting that delivers precise, data-backed quantity recommendations at the assortment planning stage. Built on attribute enrichment trained on billions of products via Centric Market Intelligence, this enhancement sets a new standard in planning accuracy, empowering brands and retailers to boost sell-through, minimize waste and protect margins.

"The latest innovations including AI/ML capabilities in Centric Planning enables brands and retailers to visualize analytics and data more effectively for more accurate demand forecasts throughout the product sales cycle," explains Chris Groves, CEO of Centric Software. "These innovations reflect Centric Software's core strengths and market relevance via actionable AI and a connected ecosystem driving smarter, faster decisions for brands globally to boost revenues."

Chaos Unveils Several New AI Tools, Led by Veras 3.0 with Image-to-Video Generator for AEC

16 September 2025

At Autodesk University, award-winning software maker and AI pioneer Chaos announces a host of new AI-powered tools designed to enhance creativity and enable architects, designers and visualization specialists to work faster and smarter. Leading the launch is Veras 3.0's new image-to-video generator, an AI-powered visualization tool that transforms static renderings into dynamic animations through simple prompts, adding motion, atmosphere and storytelling directly within everyday design workflows.

"As AI continues to transform the AEC industry, Chaos is paving the way with responsible AI tools designed to serve as creative companions for architects, designers and visualization artists, while ensuring that they retain control and ownership of their work," said Iveta Cabajova, recently appointed Chaos CEO. "We're leveraging AI to help AEC professionals address everyday design challenges, amplify their capabilities, boost efficiency and unlock new ways to explore and create faster than ever before."

Unlike general-purpose AI video tools, the Veras image-to-video generator is designed specifically for AEC workflows, integrating natively with Revit, Rhino, SketchUp and other modeling software. Adding onto Veras' existing AI platform — built to take 3D models, 2D drawings and images and quickly create AI-rendered design ideas and style variations — designers can now go a step further and pan and zoom cameras, animate weather and change the time of day with just a few clicks. With the look determined, users can then add motion to the scene through vehicles and digital people, turning still images into immersive, moving stories.

Veras 3.0 marks Chaos' latest step in giving creatives across industries faster, smarter ways to work, without the need to master complex new software. Since adding Veras to its portfolio earlier this year, Chaos has also expanded integration of the AI Enhancer, which automatically transforms flat renders of people and vegetation into photoreal elements. First introduced in Enscape in 2024, the AI tool is now available in Corona and V-Ray 7 for 3ds Max, with support for additional V-Ray integrations coming soon.

The company also recently launched the AI Material Generator, a tool that transforms real-world photos into reusable, physically-based materials that can be stored in Chaos Cosmos. Currently available in Corona and V-Ray for 3ds Max, the tool will soon be extended to other Chaos products, including V-Ray integrations.

"The AI Enhancer saves me time by refining images instantly, reducing the need for extra post-production," said Agnieszka Klich, co-founder, Arch Viz Artist. "When I don't have textures available online, the Material Generator lets me quickly create a material without disrupting my workflow. Both tools make the process faster and more creative, which is exactly what I value in Corona."

The Next Wave of AI-Powered Tools from Chaos

Autodesk University attendees will be among the first to see several new AI tools and upgrades that will soon be joining the Chaos ecosystem. Trained using ethical standards, the new tools offer users across multiple industries new, more efficient ways to create.

New reveals include the following:

- **Advanced User Controls in AI Enhancer** – More options for refining people and vegetation are coming to the AI Enhancer for Enscape, Corona and V-Ray 7 for 3ds Max, SketchUp, Rhino and Revit. These include tools to help target people for specific demographics and moods, and provide finer enhancement control over specific areas.
- **AI Mood Match** – Users will soon be able to match complex lighting and environment settings automatically to a reference image, removing the need for manual sky and sun adjustments.
- **AI Material Recommender** – AI-powered material search within Chaos Cosmos will offer context-specific recommendations, making it easy to find the right fit instantly.
- **AI Upscaler** – This AI feature allows users to get higher-resolution renders for free, by enlarging render outputs by up to four times, while preserving photoreal quality.
- **Cylindo Quickshot** – QuickShot enables product and marketing teams to turn standard product images into photorealistic lifestyle scenes in just a few clicks. Purpose-built for furniture, it preserves detail and scale accuracy while giving users control over lighting, props and backgrounds. QuickShot addresses common AI shortcomings — distorted products, inconsistent details, off-brand results — delivering visuals that build customer confidence and drive conversion.

Autodesk University 2025 Demos and Talks

Autodesk University attendees can see Veras 3.0 and first-look demos of soon-to-launch Chaos AI tools at Chaos Booth #307. Private demos are available upon request.

During the show, Chaos' Roderick Bates, head of product operations, and Bill Allen, director of products, will host the session, "Design to Delivery — Faster with the Right AI." The session will explore how to choose the right AI tools for design workflows, and provide practical tips for effective AI implementation.

EarthCam Unveils Ninth-Generation Integration with Autodesk Construction Cloud

16 September 2025

EarthCam, the leader in live camera technology, content and services, announced its ninth-generation **integration with Autodesk Construction Cloud®**. Unveiled during Autodesk University 2025, the updated integration is EarthCam's most comprehensive to date, designed to deliver intelligent visual data and automation that enhances safety, compliance, and productivity for project teams using Autodesk Build and Autodesk Docs.

This milestone builds on years of partnership between EarthCam and Autodesk, aligning with the shared goal of connected construction. With the launch of Control Center 9, EarthCam brings together live imagery, 3D model alignment, and AI-powered analytics in a deeply embedded experience within Autodesk's platform. Project managers, VDC teams, and safety professionals now have unprecedented access to real-time, searchable visual data, ensuring that critical insights are always within reach.

A key enhancement of this ninth-generation release is universal **EarthCam 3D** model alignment, which makes EarthCam's "camera-infused" BIM model views available to all Autodesk-focused projects, regardless of scale. Compatible with every EarthCam camera, EarthCam 3D allows users to blend as-built visuals with as-designed Revit or Navisworks models. By aligning panoramic images with BIM layers, stakeholders gain an interactive "x-ray" view of their projects. From a single interface, users can pan, tilt, and zoom the camera view while simultaneously assessing progress against the digital twin, making it easier to spot deviations and prevent costly mistakes before they escalate.

Complementing this **Visual Intelligence** is a suite of AI-generated jobsite reports, now delivered automatically into Autodesk Docs or Forms. These daily reports provide a visual summary of jobsite activity, including weather data, workforce presence, material deliveries, and key work milestones. EarthCam's AI algorithms detect and log over 85 object types, including heavy equipment, construction materials and PPE, transforming raw video into structured insights. Each report is timestamped and accompanied by images, providing Autodesk users with concise, actionable context to support informed decision-making and compliance documentation.

EarthCam is introducing **AI Material Analysis** to Autodesk users for the first time. This groundbreaking feature uses real-time video and machine learning to detect and classify over 30 construction materials on site, determining their status as delivered or installed. These insights feed directly into Autodesk dashboards, enabling accurate work-in-place tracking and facilitating just-in-time scheduling. By bridging visual confirmation with project scheduling tools, EarthCam empowers teams to stay ahead of delays and accelerate project delivery.

These updates align with Autodesk's commitment to a connected construction ecosystem. EarthCam's ninth-generation integration is focused on empowering teams with the visual tools and data they need to make smarter decisions, faster. From AI-generated reports and material tracking to BIM model alignment, EarthCam enhances the Autodesk Construction Cloud experience with greater context, clarity, and collaboration. Whether verifying progress, documenting milestones, or resolving safety concerns, EarthCam's solutions help Autodesk users work more proactively and confidently.

Elysium Announces 3D-SUITE EX11.0: A Major Upgrade to Advance Model-Based Enterprise Capabilities

17 September 2025

Elysium, a global leader in interoperability solutions, proudly announces the release of 3D-SUITE EX11.0, a major upgrade that strengthens foundational model-based capabilities and introduces key innovations across the 3D engineering workflow.

In this release, the product name has also been updated from **"3DxSUITE" to "3D-SUITE"**. The change aligns the written form with the way the name is actually pronounced, making it more intuitive and approachable for global users. This update reflects Elysium's commitment to accessibility, clarity, and user adoption worldwide.

Enhanced PMI Handling — The Lifeblood of the Model-Based Enterprise

Product Manufacturing Information (PMI) is central to enabling a connected MBE. However, PMI only provides value when accurate, complete, and compliant with standards. EX11.0 introduces new and enhanced functions to elevate PMI quality, traceability, and usability.

PMI Checker — Raising the Standard for Model-Based Definition Accuracy

The headline enhancement of EX11.0 is the introduction of **PMI Checker**, a powerful new automated validation tool that brings unprecedented reliability to model-based engineering. PMI Checker:

- **Verifies accuracy of PMI annotations** to eliminate errors that could cascade downstream
- **Checks compliance with ISO and ASME standards**
- **Confirms semantic completeness and graphical representation**, enabling both machine automation and human readability

By catching inconsistencies at the engineering stage, PMI Checker prevents costly rework. Teams can now validate their PMI quality upfront, ensuring their model-based definitions are truly ready and trustworthy for downstream use.

This represents a significant leap forward in supporting enterprises transitioning to MBD/MBE, making PMI Checker the cornerstone of this release.

Additional PMI Enhancements

- **Improved PMI Translation** – Support for translating characteristics and UUIDs into QIF and 3D PDF, enabling Bill of Characteristics (BoC) generation and ensuring traceability across the enterprise
- **Extended Export Options** – Now supporting semantic PMI export to Dassault Systèmes 3DEXPERIENCE and PTC Creo Parametric, broadening usability across CAD environments.

- **Optimized Translation** – PMI elements are now standardized and mapped intelligently to target CAD systems, improving downstream interoperability and reducing manual corrections.

Introducing Design for Assembly (DFA) Check

Building on long-standing Design for Manufacturing (DFM) checks, EX11.0 debuts **Design for Assembly (DFA)**, consolidated together under the new **DFX Analyzer**. This tool automatically detects assembly-related risks such as clearances, axis misalignments, and fastener conditions. By identifying potential issues upfront, organizations can significantly reduce rework and assembly delays.

Smarter Issue Management in 3D HTML CAD Validation Reports

Collaboration improves with the new **Issue Management** function. Users can now group detected differences, add comments, and assign approval statuses directly within 3D HTML CAD validation reports—streamlining communication across teams and accelerating review cycles.

Expanded Format Support in Drawing Validator

While MBD adoption is growing, 2D drawings remain essential in manufacturing. To address customer needs, EX11.0 expands support in **Drawing Validator**:

- Added compatibility with **DXF/DWG** formats
- Extended validation support to **SOLIDWORKS drawings**

These updates help companies ensure drawing quality alongside model-based workflows.

New SOLIDWORKS Standalone Exporter

To meet growing demand, EX11.0 introduces a **standalone SOLIDWORKS exporter**. This enables customers—even without a SOLIDWORKS environment—to export native SOLIDWORKS files, increasing accessibility and flexibility for downstream use.

Updated License Management System

EX11.0 also debuts an upgraded **license management system**, designed to:

- Strengthen security during product usage
- Simplify license management for administrators
- Ensure faster adoption of the latest operating systems

Emerson Introduces New AI-Powered Environment to Enhance Upstream Lifecycle Decision Making

17 September 2025

Emerson, an industrial technology leader delivering advanced automation solutions, announced the availability of AspenTech Subsurface Intelligence™ (ASI), an open, cloud-native agentic environment that incorporates AI to transform the user experience and accelerate subsurface-related decision making while leveraging existing investments in legacy applications.

ASI's AI-powered guidance capabilities and library of domain-specific agents operate with the industry-standard OSDU® Data Platform to automate workflows and develop insights that improve the speed from data to results and decisions. ASI fulfills a critical industry need to work in an agile, multi-disciplinary manner, optimize production and improve access to information trapped throughout various parts of the organization.

"Silos between disciplines, software and geographies are impacting the upstream industry's ability to make fast, effective decisions about how to maximize returns for subsurface projects," said Dr. Vikas Dhole, senior vice president of modeling and optimization at Emerson's Aspen Technology business. "ASI is transforming subsurface workflows by improving multi-disciplinary collaboration across the hydrocarbon extraction project lifecycle and accelerating investment decisions.

"Combined with decision support from an embedded AI advisor, ASI is enabling companies to more effectively navigate energy market volatility, overcome complex E&P challenges and empower a new generation of workers."

ASI agents are strategically deployed as cloud-based applications with an intuitive user interface or with AI-powered guidance from Aspen Virtual Advisor. In this way, ASI enhances decision making across all skill levels, equipping the emerging subsurface workforce to confidently handle drilling, exploration and production challenges.

ASI's open and scalable cloud-native environment fits into existing subsurface software ecosystems. ASI complements other products in Emerson's AspenTech Subsurface Science & Engineering (SSE) portfolio and third-party technical applications, thereby allowing companies to reduce operating expenditures while bringing together individual disciplines and data to improve production time and leverage previous technology investments.

OSDU Data Platform is a registered trademark of the Open Group OSDU Forum.

ENCY 1.1.3 — What's New

15 September 2025

ENCY 1.1.3 rolls out 80 improvements that tighten quality, reduce setup time, and keep your shop moving—even when the license server doesn't.

New Parameters for Operations

- **Sub Spindle Working (turn-mill)**: added a new "**Move LCS with part**" parameter. If unchecked, the part's LCS (Local Coordinate System) remains in place.
- **Turn Take Over (Swiss-type lathes)**: for compatibility with previously developed post-processors, when the Take Over is synchronized with the preceding Lathe Part-off operation you now need to enable "Start with RPM of cut-off" from that Lathe Part-off. By default this parameter is off to simplify debugging of new post-processors, allowing you to set a custom spindle speed for the Turn Take Over.

Usability Improvements

- **Keep working through outages**: You can temporarily continue working with online licenses even if the ENCY license server is unreachable due to an outage. ENCY will launch only from the last workstation used.
- **Disc tool machining**: Added support for an undercut tool.
- **Hole-Drilling — Bore5**: New "Bottom Dwell" parameter.
- **API power-ups**:
  – Added access to coordinate systems.
  – Added the ability to create a new operation.
- **Robotics**:
  – New Borunte BRTIRUS1820A robot in the MachineMaker online library.
  – Support for robots with 4th–6th axis coupling (e.g., Kawasaki KJ264).
- Refreshed smart hints for OD Adaptive Turning operation and the Programming the Robot's 6th Axis parameters.
- Updated interpreters.
- Improved direct FreeCAD model import.

Fixes

This update removes web-service calls for offline licenses and fixes license-server issues with multiple windows, along with stability problems such as interpreter-shutdown hangs, NC-based simulation/trajectory freezes, and crashes when saving projects with empty models.

Toolpath accuracy is improved across 5D Meshing, Swarf, Cladding 5D, Waterline roughing, Peck groving with Bottom Dwell, 3D Helical, Turn Take Over (CLData and extra counter-spindle moves), EDM with bridges, and cases using Collision Avoidance or over-limit 6th-axis maps.

It also corrects workflows for STEP import, Compare Machining result-to-Model, Sewing, Drawing mode, NextToolNum variable, save/copy in G-code based operation, Postprocessor Generator user parameters, LCS in Multiply Group, and cases where the robot's zero positions got misaligned after movement operations.

Note: The 1.1.3 update is available to all users with an active annual support contract (SMC).

Golden Software Expands 3D Drillhole Visualization and Overall Useability in Surfer Mapping Package

10 September 2025

Golden Software has continued to enhance the 3D drillhole viewing functionality in the latest release of its Surfer mapping and 3D visualization software package. Overall, the new version of Surfer provides users with several upgrades to save time and streamline creation of subsurface maps.

"Surfer remains the most powerful 3D subsurface visualization package for users in numerous technical and scientific professions, and our recent enhancements to 3D drillhole viewing has

significantly expanded its applicability in the energy, hydrology, and environmental monitoring sectors," said Surfer Product Manager Kari Dickenson. "All users will find something to like in the latest version."

Surfer is used by more than 100,000 people worldwide, many involved in environmental consulting, water resources, engineering, mining, oil & gas exploration, and geospatial projects. The software has been relied upon for more than 40 years by users in numerous disciplines to quickly transform complex data into superior 2D and 3D visuals with accuracy.

Known for its fast and powerful contouring algorithms that regularly outperform more expensive packages, Surfer enables users to model data sets, apply an array of advanced analytics tools, and visually communicate the results in a way that even the non-technical stakeholders can understand.

Divided into two categories – 3D View and Enhanced Usability – the following upgrades have been made in the latest release of Surfer available today.

Create, Edit, and Export Contact Points in Drillholes – Presenting drillhole data in colorful and easy-to-understand graphical formats in Surfer just got easier. With criteria defined by the user to identify different contacts in drillholes, such as lithologic formation, mineralization zones, or time horizons, Surfer automatically finds and places points at the contact between the units. The user can edit the points and then export them for gridding and creation of a new surface for viewing in 3D. This is a huge time saver for users with dozens or hundreds of drillholes.

Multiple Light Sources – Users no longer have to choose what to illuminate in their 3D model. The 3D View now offers up to four different light sources so the entire model, both subsurface drillholes and surfaces for example, can be fully illuminated in varying and even perpendicular orientations for more effective viewing.

Rename Layers –Users can now organize their content in the 3D view by renaming each of the layers, making it easier to find the one(s) you want to select and work with.

Enhanced Usability

Legends for Base Layers with Unique Value Symbology – Surfer users can automatically generate Legends with the appearance, content, and alignment desired by the user, eliminating the time-consuming need to create Legends by hand. Not only is Legend creation automated, but the results are more professional looking and easier to understand. There are seven new Legend functions:

- Create names for unique value attributes,
- Display only the properties that are applied in the layer,
- Change the size of the line sample in the legend,
- Change the size of the symbol sample in the legend,
- Set alignment of samples as left, center, or right,
- Put the line style around a polygon fill sample,

- Separate attribute samples, such as polylines and polygons, into different rows.

Change Font Sample Script – Users can readily change the font type and size in many text objects in their project. Surfer offers a sample script that users can modify and run to change the text on axes, labels, contours, and other objects. The fast-running script eliminates manual font edits.

Surfer Beta Available

Golden Software has released a Beta version of Surfer simultaneously with the new version to give customers a chance to try out new features and provide feedback while they are still in development. Users may find the Beta version by clicking **File | Online | Try Beta Version** from within Surfer.

"In the Beta features, we focused on enabling users to create maps and visualizations faster than before while also making it easier to present and communicate subsurface information," said Dickenson.

The new Beta features are available for testing now.

- **Automatic Surface Creation** – Building on the ability described above to create contact points in drillholes, Surfer now automatically connects the points to generate surfaces of lithologic formations, mineralization zones, and other features. Users have the option of defining each surface as 'depositional' or 'erosional' to limit its cross-cutting characteristics.
- **Import/Export AutoCAD DWG Files** – Once only able to support AutoCAD DXF format files, Surfer now imports DWG files which contain all of the layer information from an AutoCAD model. Each layer can be made into a separate base layer in Surfer, allowing the user to select and use specific content from the model. This enables Surfer users to derive the entire content of an AutoCAD model in an organized manner.
- **Add Contour Layer to the Legend** – Once a manual task, Contour Layers and their colors can automatically be added to the legend in the title block of their Surfer project.
- **Add Drillholes without Symbology to Legend** – Users now have complete control over including drillholes in the legend even if no symbology is used.
- **Record 3D Views** – For colleagues that do not have Surfer for viewing 3D maps, users can now record a visualization of their models, turning and twisting them to enable a viewer to see the information from many perspectives or using the mouse to point at key features. The recording can be saved as an MP4 file and sent to a colleague.

Jama Software Launches Jama Connect Availability in AWS Marketplace

16 September 2025

Jama Software, the industry-leading requirements management and traceability solution provider, announced that Jama Connect, and its add-ons, Jama Connect Interchange™, and Jama Connect Advisor™ are now available in AWS Marketplace, a digital catalog with

thousands of software listings from independent software vendors that make it easy to find, test, buy, and deploy software that runs on Amazon Web Services (AWS).

Designed for teams that value precision and collaboration, Jama Connect enables you to gather, manage, and validate requirements with unmatched efficiency. By fostering clear communication and providing real-time traceability across tools and teams, this software empowers businesses to reduce risks, improve quality, and accelerate time to market.

AWS customers will now have access to Jama Software's suite of requirements management and traceability tools directly within AWS Marketplace. AWS customers now have the ability to streamline the purchase and management of Jama Connect, Jama Connect Interchange, and Jama Connect Advisor within their AWS Marketplace account.

"Jama Software's partnership with AWS highlights our commitment to cloud native and scalable cloud technology. Our collaboration with AWS allows us to work hand in hand with their consultancy services to deliver best of breed cloud native and scalable cloud solutions to our clients. AWS is committed to providing leading edge AI technologies in a ubiquitous manner to their client base. Jama Software leverages this to deliver secure, ethical, and reliable AI technology at the speed of market. Our recent public listing on the AWS marketplace furthers our commitment to this partnership and the success of our clients." – ***Jim Davidson, Chief Technology Officer at Jama Software***

Jama Connect and its add-ons, Jama Connect Interchange, and Jama Connect Advisor are now generally available in AWS Marketplace.

Kahua's New Nuvolo Integration for CMMS Systems Integration Bridges Construction and Operations

11 September 2025

Kahua, a leading provider of capital programs and construction project management information systems (PMIS), is proud to announce an integration with Nuvolo, an Enterprise Asset Management provider, as part of our Asset Centric Project Management® approach to running capital programs.

One of the top healthcare networks in the U.S. is leveraging the integration between Kahua and Nuvolo to fully enable an asset-centric approach across the entire capital lifecycle—from planning and design through construction, handover and ongoing operations. This integration bridges the typical 6–9 month gap in asset data transfer during handover, which historically results in up to 60% of data being incomplete or missing.

By capturing and tracking asset information from the start in Kahua and seamlessly updating Nuvolo's CMMS, the process eliminates manual re-entry, reduces errors and accelerates readiness for operations and maintenance.

With the new Kahua–Nuvolo integration, asset data—such as location, asset type and classification—is defined in Kahua using the healthcare network's standardized nomenclature. As projects progress, critical asset details like manufacturer, serial number, installation date, warranty information and maintenance requirements are continuously captured and

synchronized between Kahua and Nuvolo's CMMS. This ensures asset records are updated in real time throughout construction, making comprehensive data available immediately upon installation—well before the building opens its doors.

"Kahua's integration with Nuvolo is a game changer for asset-centric construction," said Brian Moore, President of Kahua. "We're not just moving data—we're transforming how it flows across the entire capital lifecycle. Our continued investment in open, scalable integrations positions us to lead the industry in delivering operational-ready data from day one."

Kahua is redefining construction program management by unifying fragmented teams and disconnected systems into a single, integrated platform. By streamlining communication and automating data sharing, Kahua empowers organizations to operate with greater visibility, efficiency and control across every phase of the construction lifecycle.

MOCA Systems, Inc. Announces Precision Time Planning for General and Specialty Contractors at NECA 2025

12 September 2025

MOCA Systems, Inc. (MSI), provider of Touchplan, the leading construction planning software platform, announced the upcoming release of Precision Time Planning, a new capability that gives contractors the flexibility to plan, sequence, and coordinate work with time intervals of weeks, days, hours, or minutes, and to organize shift work as needed. This new capability will be on display for the first time at the National Electrical Contractors Association (NECA) Show taking place September 12–15 at McCormick Place in Chicago. Touchplan is exhibiting at Booth #1615.

"The volatility, complexity, and urgency of today's construction environment demands accurate and flexible digital workforce planning" said Brett Adamczyk, President of the Software Division at MSI "Touchplan's Precision Time Planning delivers that capability by enabling teams to schedule work down to the minute, manage crews across shifts, and plan at the right level of detail, all while preserving the platform's signature ease of use."

Empowering Crews and Trade Partners
With Precision Time Planning, contractors can better manage crews and headcounts across shifts while sequencing short-duration or repetitive tasks without guesswork. The platform helps identify bottlenecks before they cause costly delays and offers the flexibility to switch seamlessly between daily and detailed views of work in progress. By combining precise control with dynamic ease of use, Touchplan makes advanced planning accessible to every project stakeholder, from executives to field crews.

"Being able to schedule activities that take only part of a day and then reassign crews to another task is a game changer," said Touchplan user Ashely Woodall, Scheduling Manager at Flintco. "Precision Time Planning will help our team plan more effectively and keep projects moving with greater confidence."

Precision Time Planning will be available to all Touchplan customers in the first quarter of 2026.

OpenBOM Announces Private Beta of AI BOM Agent with MCP Support

16 September 2025

OpenBOM, a leading provider of cloud-native PDM and PLM software, announced the private beta release of its AI BOM Agent with MCP (Model Context Protocol) support. This milestone advances OpenBOM's mission to deliver intelligence, connectivity, and automation for engineers and manufacturers.

OpenBOM AI Vision

OpenBOM is building a new generation of intelligent, invisible engineering workflows. Instead of forcing engineers to change how they work, OpenBOM introduces AI agents that understand existing tools, files, and data formats. These agents connect to multiple data sources, structure information, automate routine tasks, and enable conversational access to product data.

This vision is anchored in the concept of product memory—a persistent, connected knowledge model that spans design, engineering, manufacturing, and procurement. With MCP support, OpenBOM agents can ingest, structure, and link data into the digital thread, enabling reasoning, plain-language queries, and smarter decision-making.

Looking ahead, OpenBOM sees AI agents playing a vital role in BOM quality and validation—helping companies ensure accuracy, consistency, and readiness of data before it flows into procurement and production.

BOM Agent with MCP Support

OpenBOM is tackling one of manufacturing's biggest pain points: managing BOMs in Excel. While widely used, spreadsheets are error-prone, inconsistent, and disconnected. The new AI BOM Agent with MCP support transforms CAD data with unstructured Excel data into structured knowledge inside OpenBOM's graph model—connecting it to the digital thread, preserving product memory, and laying the groundwork for AI-driven workflows.

Roadmap

The BOM Agent marks the first step in a broader journey. OpenBOM's roadmap moves from seamless data ingestion to natural language queries, then to agent-driven automation and, ultimately, to a connected product memory that links projects, components, and suppliers—helping engineers collaborate better, reduce errors, and make smarter decisions.

"Excel remains the most widely used tool in manufacturing, but it is also the biggest bottleneck," said Oleg Shilovitsky, CEO and co-founder of OpenBOM. "Our vision is to help engineering teams adopt agent-driven workflows. The OpenBOM Agent with MCP support turns spreadsheets into structured product knowledge—enabling collaboration, traceability, and AI-powered decisions. This private beta is the first step toward making AI in PLM practical, invisible, and valuable."

Availability

The private beta of BOM MCP Excel is now available to selected OpenBOM customers and partners. Participants will gain early access to the ingestion pipeline, see their CAD and Excel data converted into structured, queryable data, and provide feedback to shape future development.

PTC Launches Arena AI Assistant to Accelerate PLM and QMS Workflows

16 September 2025

PTC announced the release of its Arena® product lifecycle management (PLM) and quality management system (QMS) Artificial Intelligence (AI) Assistant, enabling teams to accelerate time to value. Arena AI Assistant delivers real-time, context-aware expertise rooted in best practices for PLM and QMS workflows in a conversational interface – helping users navigate engineering change orders, manage corrective and preventive actions (CAPAs), maintain traceability and compliance, and much more. Arena AI Assistant is available directly in the Arena user interface and is powered by a comprehensive library of Arena Help materials and other resources.

"Arena AI Assistant is another example of how PTC is investing in Arena and equipping our users with the tools they need to help them be as productive as quickly as possible," said David Katzman, General Manager of Onshape and Arena. "Using Arena AI Assistant is like having an Arena expert working alongside you, helping you with the next step in a process or answering questions without the need to search through documentation or contact support. It's great for new and experienced users alike – whether it's the first stages of onboarding or navigating more complex engineering challenges."

Key features of Arena AI Assistant include:

- Natural language interaction in a conversational interface, embedded directly in the Arena experience
- Configurable within Arena interfaces to support guided steps through different workflows – from bill of material reviews and change orders to CAPAs and **supply chain risk monitoring**
- Available in more than 15 languages to support global engineering teams
- Updated with each new Arena release, keeping it up to date with the latest functionality and most efficient ways of working

In addition to the launch of Arena AI Assistant, this release strengthens supply chain resiliency through new **Arena Supply Chain Intelligence (SCI)** and **Onshape-Arena Connection features**. The Arena SCI™ offering continuously checks for emerging risks from evolving supply chain conditions and eliminates the need for disconnected supply chain tools by embedding real-time, AI-driven component monitoring and risk mitigation insight directly into product development workflows. The Onshape-Arena Connection enables mechanical engineers to seamlessly manage the release, revision, and change management process between CAD and PLM systems to help accelerate the product development process and simplify collaboration with supply chain partners.

Rocket Software Advances COBOL Modernization with GenAI and ARM Ready Deployment, Enabling Disruption-Free Transformation

16 September 2025

Rocket Software, a global technology leader in modernization software, announced groundbreaking innovations to its COBOL solutions designed to help businesses update COBOL applications without disrupting ongoing operations or compromising application reliability. The announcement further underscores Rocket Software's commitment and belief in COBOL as a mission-critical program for business success. The company's advancements with opt-in GenAI-assisted development, expanded support for ARM processors, and deep modernization expertise uniquely empower enterprises to evolve core systems, integrate seamlessly with modern platforms, and reimagine the future potential of COBOL.

COBOL remains a cornerstone of global business operations powering 70% of the world's business transaction processing across industries such as banking, insurance, travel, retail, and government. However, running COBOL that has not been modernized —combined with outdated engineering tools and practices—can slow innovation, increase operational risk, and expose systems to today's security threats. Organizations with COBOL at their core can no longer afford to operate on outdated applications and systems or take unnecessary, expensive risks with application rewrite projects. The company's latest updates empower enterprises to modernize critical applications and systems, quickly and safely. These advancements unlock new opportunities for innovation and competitive agility while reducing operational risk, lowering costs, and alleviating talent shortage.

The company's updated COBOL innovations include:

- **Visual COBOL** standardizes COBOL development alongside other programming languages, giving developers access to modern tools, practices, and DevOps workflows. It enables faster delivery of change, promotes collaboration across teams, and helps organizations unlock and extend the value of their COBOL business logic.
- **COBOL Server** provides a high-performance, portable deployment platform for COBOL applications. It supports low-risk deployment to new infrastructure, access to modern IT architectures—including cloud and container environments—and enables seamless integration with APIs, .NET, and Java platforms. This flexibility helps organizations modernize quickly and safely, extending the value of their COBOL systems while adapting to evolving business and technology needs.
- **COBOL Analyzer** helps organizations extend the value of large-scale COBOL systems by making them easier to understand, manage, and evolve. With GenAI-powered insights and tooling designed to integrate into modern developer architect workflows, it enables any team member to work confidently with COBOL applications—boosting productivity and reducing dependence on niche skills.

"COBOL powers countless mission-critical applications that organizations rely on every day—but when these systems, tools, and development practices are not modernized, innovation

slows and risk increases," said Phil Buckellew, President of the Infrastructure Modernization Business Unit at Rocket Software. "With decades of expertise in COBOL modernization, Rocket Software is not just supporting COBOL— we're transforming how it's developed, deployed, and integrated to ensure it remains a vital engine of business innovation and digital transformation for years to come."

These new updates will benefit customers by providing:

- **Modernization in place, without disruption:** Upgrade existing COBOL systems without rewriting—preserving business continuity, minimizing downtime, and reducing risk. Maximize ROI and avoid costly rewrites. Build on trusted COBOL logic and data to deliver new value by leveraging modern syntax while avoiding the high cost and risk of starting from scratch.
- **Accelerated development with GenAI-powered insight:** Help developers quickly understand and work with COBOL code through AI-driven explanations and analysis—reducing ramp-up time and enabling faster, safer change.
- **Talent flexibility and skills transfer:** Empower any developer to maintain and enhance COBOL applications, regardless of COBOL expertise or experience, reducing dependence on hard-to-find skills.
- **Ready for what's next:** Easily connect COBOL systems to new applications, APIs, and a broad ecosystem of hybrid and multi-cloud environments to support evolving business models.

"Our partnership with Rocket Software spans many years and is grounded in shared trust and performance," said David Gemmell, Delivery Practice Director & Programme Director, Nationwide Building Society. "We're continuing to make decisions on our core systems based on what's best for our members and are working with Rocket Software to transition onto Rocket COBOL. We look forward to taking this important step with Rocket Software and our continued positive partnership."

In tandem with these product advancements, Rocket Software is investing in the next generation of talent through its NextGen Academy in the U.K. The innovative program is designed to prepare participants with the essential skills and hands-on experience needed to excel in enterprise software development, with a focus on COBOL and other critical technologies. Rocket Software also offers an online course to teach IT professionals the basics of COBOL in one day.

Siemens drives sustainable product development with AI-powered Lifecycle Assessment software

15 September 2025

Siemens Digital Industries Software has announced the expansion of its Teamcenter software for product lifecycle management to add AI-powered Lifecycle Assessment (LCA) capabilities. This is part of Siemens' broader strategy of delivering intelligence across the product lifecycle by leveraging the digital twin and robust data backbone to provide contextual insights that

enhance every stage of the product and process. Teamcenter® Sustainability Lifecycle Assessment software empowers designers, engineers and manufacturers to use AI and supply chain data to more efficiently develop sustainable, compliant, and innovative products.

"Driving the development of products with sustainability at the core while maintaining speed, cost efficiency and regulatory compliance requires radically expanded lifecycle intelligence to be available across the entire manufacturing organization," said Frances Evans, senior vice president, Lifecycle Collaboration Software, Siemens Digital Industries Software. "As industrial companies face challenging global compliance requirements and the need to reduce environmental impact, we are enabling our customers to leverage AI to design for sustainability, enable circularity, and optimize material choices from the start. With the full suite of lifecycle assessment capabilities from cradle to end of life in Teamcenter, our customers can transform product innovation with real-time environmental data."

Developed in collaboration with Makersite, Teamcenter Sustainability Lifecycle Assessment is one of many ways Siemens is leveraging industrial data from the most comprehensive digital twin to unlock new insights. With the addition of AI-powered, predictive LCA data and analysis capabilities to Teamcenter, Siemens is adding a new layer of lifecycle intelligence that delivers the deepest insights for truly informed design and manufacturing decisions. Companies can eliminate data silos, streamline collaboration across design, engineering and sustainability teams and make faster, more informed decisions at scale to develop compliant, safe, cost-effective and environmentally friendly products.

The Teamcenter Sustainability Lifecycle Assessment solution empowers engineering and manufacturing teams to assess a product's environmental compliance, supply chain risk and cost early and throughout the product's lifecycle - integrated into mechanical product engineering, electronic/electrical design and simulation applications.

Product teams can access ISO-compliant LCA reports with visibility into indirect greenhouse gas emissions (Scope 2 and Scope 3) during early product development to significantly enhance the sustainability, compliance, and long-term profitability of their products. Users can also analyze the results of multi-criteria simulation embedded directly into the product's bill of materials in Teamcenter to support better trade-offs between cost, performance and sustainability factors, enabling companies to adopt eco-design strategies like modularity, recyclability and reuse.

"The collaboration between Makersite and Siemens brings product lifecycle intelligence directly into core development workflows," said Neil D'Souza, CEO and Founder, Makersite. "By integrating with Siemens' Teamcenter, we deliver precise, detailed insights on cost, compliance, risk, and environmental performance - right within an engineer's everyday tools, from early product design to manufacturing bills of materials. This integration helps accelerate the creation of affordable, safe, and sustainable products, enhances product master data, and makes it easier for companies to stay ahead of growing compliance requirements."

Siemens unveils groundbreaking Tessent AnalogTest software for automated analog circuit test generation

16 September 2025

Siemens Digital Industries Software introduced Tessent™ AnalogTest software - an innovative solution that reduces pattern generation time for analog circuit tests from months to days. The solution enables testing of analog circuitry in integrated circuits (ICs) up to 100 times faster than traditional manual methods.

Analog circuit testing has traditionally been a labor-intensive endeavor, requiring prolonged test coding and expensive mixed-signal test equipment. Working in tandem with Siemens' market-proven Tessent DefectSim technology, the new Tessent AnalogTest software helps to dramatically shorten test coding time for analog circuitry in ICs by automatically generating minimal-impact design-for-test (DFT) circuitry and digital test patterns for nearly any analog circuit block. The tests run in less than a millisecond on almost any tester, and defect coverage can be verified in simulation up to 1000x faster than specification-based tests.

The introduction of Tessent AnalogTest marks the first automated DFT solution for analog circuitry in ICs, delivering digital vectors for testing and computing test coverage efficiently before tape-out to silicon production. The solution leverages digital automated test equipment (ATE) for the development of analog circuitry for reduced costs and enhanced productivity compared to using more expensive mixed-signal testers. This acceleration allows IC designers to achieve and verify high (>90%) IEEE P2427-based defect coverage in a matter of hours for individual circuit blocks, setting new speed benchmarks and dramatically reducing time-to-market.

"This pioneering software offers rapid test outcomes while delivering higher analog defect coverage and up to 100 times faster tests compared to conventional methods," said Ankur Gupta, senior vice president and general manager, Digital Design Creation Platform, Siemens Digital Industries Software. "Tessent AnalogTest software represents a monumental leap forward in addressing key quality and cost challenges associated with analog circuit testing, enabling our customers to streamline processes while reducing overall test costs."

Long-time Tessent DefectSim customer, onsemi, has used Tessent AnalogTest for a taped-out design. Using this tool, onsemi was able to achieve greater than 95% analog defect coverage and better than 100x test time improvement compared to traditional test methods.

“The biggest challenge in achieving DPPB-level quality in analog and mixed-signal products is the lack of structured Design-for-Test (DFT) and Test Generation methodologies for analog circuits. Tessent AnalogTest is a tool that makes it practical to automatically generate analog DFT solutions and associated tests,” said Steven Gray, senior vice president, New Product Development, onsemi. “Through our collaboration with Siemens as an early partner, we are optimistic that this methodology will result in shorter development times, much faster tests, and better quality, similar to how scan improved DFT and test for digital circuits.”

The software uniquely extends its structural test generation capabilities by producing simulation testbenches from specification-based tests, utilizing the intuitive high-level ICL and PDL test descriptions as specified by IEEE P1687.2, which is the analog extension of the widely used digital IJTAG standard. These tests can verify the analog test flow and defect coverage for algorithmic trimming, top-up parametric tests, or ISO 26262 functional safety metrics. Additionally, embedding the scan tests can further enhance these metrics.

Trimble Announces New Functionality and Integrations for Tekla PowerFab Structural Steel Fabrication Management Software

16 September 2025

Trimble® announced the availability of the 2025i version of Tekla® PowerFab®, a comprehensive software suite for managing steel fabrication. The new version offers improved production planning and forecasting, as well as a new integration with Trimble ProjectSight® software to help optimize construction project management workflows. Tekla PowerFab now also offers an improved integration with Trimble Viewpoint® Vista™ construction financial management software for real-time and highly-accurate job cost tracking.

These updates support the Trimble Connect & Scale strategy by enabling an interconnected ecosystem of industry solutions.

Enhanced Production Planning, Scheduling and Forecasting

The new production planner functionality in the 2025i version of Tekla PowerFab builds on the improvements introduced in March of 2025 and incorporates additional features. Users can now plan fabrication with a higher degree of accuracy thanks to the new capability to split the execution of work packages across multiple weeks and locations. Additionally, longer-term forecasting is now possible with the addition of future work packages. This allows users to assign jobs to the most efficient resources, based on the ability to create detailed, yet flexible conditions for every machine and workshop.

Trimble ProjectSight Software Integration for Project Management
The new integration with Trimble ProjectSight can streamline project management for fabricators by unifying project environments and improving data flow. ProjectSight securely stores and manages construction project information (drawings, RFIs, submittals, documents and images) and connects teams to the information through a mobile app. Through the PowerFab integration, users can link fabrication job data, centralize the communication of RFIs and submittals, and enable the transfer of shop drawings.

Closer Integration with Viewpoint Vista Automates Data Flow
The extended integration with Viewpoint Vista automates the flow of crucial financial transactions, including purchase orders, receiving details and inventory movements, directly from Tekla PowerFab into the financial management software. This ensures that Viewpoint Vista provides real-time and accurate job cost details specifically for materials on active construction projects, streamlining accounting and financial tracking. The extended integration is available on Trimble App Xchange, the platform enabling integrations between third-party technology and both Trimble and non-Trimble tools.

Trimble AI Assistant for Tekla
Trimble incorporated its AI-powered Trimble Assistant feature into the new version of Tekla PowerFab. Trimble Assistant provides users with instant, in-software contextual support based on curated Tekla User Assistance (TUA) articles. It also tailors responses to questions from users

based on what they are currently working on in the software. Engagement with Trimble Assistant is available for users across PowerFab Office for contextual guidance and support.

“The latest enhancements to Tekla PowerFab are a great example of Trimble enabling our customers to share data and integrate workflows across construction projects and lifecycles,” said Ryan Vander Plaats, portfolio manager, fabrication at Trimble. “Enhanced planning and forecasting enables a smoother fabrication workflow. At the same time, stronger integrations with project and financial management applications can create more efficient financial settlement and give all stakeholders easier, real-time access to vital project information.”

What's New in Browzwear 2025.2 Edition

16 September 2025

The Browzwear 2025.2 release brings powerful upgrades in collaboration, connectivity, automation, and simulation realism, equipping you to cut costs, launch faster, and deliver greater product accuracy. With the 2025.2 release, we advance our vision of enabling brands to achieve **95% First-Time-Right** accuracy and unlock **10x productivity** across the design-to-market process.

At a Glance: What’s New

Unified Collaboration

With the new folder hierarchy in Stylezone, keeping track of shared files has never been easier. Organized folders mean less time searching, more time creating, and smoother collaboration for teams and partners across every project.

Connectivity

The 2025.2 release strengthens connectivity across your workflows with three major updates. Enhanced Tech Packs deliver clearer, more structured handoffs to production, reducing miscommunication and errors. Secure PLM Avatar Viewing lets you confidently share 3D fit data with external teams, protecting sensitive assets while enabling smooth collaboration. And with production-ready artwork exports, manufacturers receive clean, editable files to ensure accuracy and efficiency from the very start.

Apparel Precision

This release takes garment accuracy to the next level. Soft Avatar Realism lets you simulate hems, bindings, and stretch zones with unmatched detail, bringing digital garments closer to their physical counterparts. New precision pattern tools, including snap-to-intersection, graded size editing, and granular stitch control, equip you with the accuracy needed to perfect every style to the smallest detail — a foundation for achieving **First-Time-Right results at scale**.

Automation & AI

The 2025.2 release accelerates creative workflows with new automation and AI-powered tools. The Colorway Generator instantly produces optimized variations, giving you a full range of options in seconds. With AI Sketchbook, you can turn ideas into design concepts in minutes,

speeding up the path from vision to visualization. Bulk rendering eliminates repetitive work by generating multiple high-quality assets at once, freeing up more time for design and decision-making — an important step toward **10x productivity gains**.

What Value It Brings

Reduce Costs & Waste

- **Avoid fabric waste** with size-specific print layouts.
- **Prevent rework** by delivering accurate, editable assets the first time.
- **Automate repetitive processes** to reduce labor costs.

Impact: Lower expenses, greener production, and more sustainable workflows.

Speed Time-to-Market

- Accelerate approvals with structured Tech Packs.
- Create and retrieve designs faster with AI-powered search and creation tools.
- Remove bottlenecks with direct uploads to Stylezone.

Impact: Respond to trends and seasonal changes faster.

Enhance Accuracy & Quality

- Validate fit with realistic soft avatar simulations.
- Ensure consistent color and material rendering across platforms.
- Align patterns precisely for flawless production.

Impact: Higher quality products, fewer costly revisions, and fit accuracy.

Improve Collaboration & Scalability

- Maintain order with structured file sharing.
- Manage large-scale updates with bulk style tools.
- Protect revenue with license controls and secure integrations.

Impact: Better team alignment, faster decisions, and scalable growth.

The Business Impact of Browzwear 2025.2

Our customers will see measurable results, including:

- Shorter development cycles
- Significant reduction in material waste
- Lower production error rates
- Faster time-to-market
- Smaller environmental footprint

With AI-driven tools, advanced automation, and deep PLM integration, Browzwear 2025.2 is built for what's next. Whether launching new categories, scaling globally, or reinventing workflows, this release moves teams closer to **95% First-Time-Right fit** and the long-term vision of **10x productivity** in digital product creation.