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CIMdata News

CIMdata to bring its Product Lifecycle Management Certificate Program to The Netherlands

28 March 2023

CIMdata, Inc., the leading global PLM strategic consulting and research firm, will hold its public Product Lifecycle Management (PLM) Certificate program in Amsterdam, The Netherlands, on 19-13 June.

This unique CIMdata program prepares PLM professionals to address the challenges commonly faced in PLM strategy development and implementation. The assessment-based program includes a personalized classroom experience, individual and team-based exercises, and evaluations of achievement. CIMdata experts with years of hands-on experience facilitate the program. Successful completion of the program and assessments leads to a Certificate of PLM Leadership.

Drawing on CIMdata's 40 years of experience guiding industrial companies in successfully defining and implementing best-in-class PLM strategies and tactics, the program is appropriate for those embarking on a PLM journey and those already implementing PLM.

According to CIMdata's marketing director, Cheryl Peck, "During the COVID-19 pandemic, CIMdata was able to pivot this in-person education program to a virtual experience, which the PLM Community received well. We are excited to hold our programs in person, ensuring that the fundamental need for networking between our faculty and attendees is actualized."

Programs take place throughout the year, with the next in Boston, Massachusetts, from October 2-5. The year's final offering will take place in Santa Clara, California, from December 4-8.

The program is available in 3- or 5-day configurations. CIMdata's one-day Executive Short Course and two-day PLM Fundamentals for Solution Providers Short Course are also offered.

For more information on CIMdata's PLM Certificate Program and short courses, visit our website at <https://www.cimdata.com/en/education/plm-certificate-program>.

Company News

Autodesk appoints Sebastian Goodwin as chief trust officer

27 March 2023

Autodesk, Inc. announced the appointment of Sebastian Goodwin as chief trust officer, starting March 27, 2023. As chief trust officer, Goodwin will oversee the fulfillment of Autodesk's commitments to its customers and stakeholders on security, privacy, and data ethics. Goodwin is a recognized cybersecurity leader with more than 20 years of experience effectively measuring and managing cyber risk to support sustained business growth.

"Trust is essential to our relationships with customers and partners, and it's a responsibility we share across Autodesk," said Raji Arasu, executive vice president and chief technology officer. "With Sebastian's expertise in developing and implementing effective security strategies, managing complex risk scenarios, and fostering a culture of trust, he is the ideal steward to guide and deliver Autodesk products and industry clouds on a trusted platform. I'm thrilled to welcome him to the team."

"Trust can be a force multiplier for performance," said Goodwin. "I am honored to join Autodesk as chief trust officer. By developing trustworthy cloud ecosystems, we enable customers to unlock new levels of collaboration, efficiency, and value. We will continue to raise the bar—driving innovation while embedding security, privacy, and resilience into our products, services, and culture. I am excited to work with our talented team to uphold the highest standards of trust, transparency, and ethics in everything we do."

Goodwin joins Autodesk from his previous role as chief information security officer at Nutanix. Before Nutanix, Sebastian served as head of product marketing for endpoint security at Palo Alto Networks. Prior to that, he was chief information security officer at Robert Half.

Badri Srinivasan to Lead Wipro's India and Southeast Asia Businesses

30 March 2023

Wipro Limited, a leading technology services and consulting company, announced that Badri Srinivasan will lead the India and Southeast Asia businesses under the company's APMEA (Asia Pacific, Middle East, India and Africa) Strategic Market Unit.

Badri will be taking over the leadership of these two regions to drive deeper synergies, facilitate sharing of best practices, deliver consistent and exceptional client experiences across the client journey, and scale Wipro's ability to capitalize on the emerging growth opportunities.

Badri joined Wipro in January 2022 as the Managing Director for Southeast Asia, where he led the consolidation of strategic transformational engagements with clients while strengthening Wipro's talent base and brand presence. The initiatives under his leadership helped accelerate Wipro's business growth and revenue expansion across key markets in the region. Badri is a Member of the Board of Wipro's strategic subsidiaries and acquired entities in Asia (Capco, Rizing and Designit), and a member of Wipro's Global Leadership Team.

Anis Chenchah, Chief Executive Officer – APMEA, Wipro Limited and Member of Wipro Executive Board, said, "Southeast Asia and India are two high-growth markets for us with obvious synergies, offering best practices sharing, opportunities for cross-fertilization, and talent development. Badri has delivered a great performance in Southeast Asia and has shown excellent leadership traits. I am confident that the scope of his extended role will bolster our impact even further."

Badri Srinivasan, Business Head – India and Southeast Asia, Wipro Limited said, "Enterprises across India and Southeast Asia are looking at pragmatic approaches to strengthen their market leadership and attain the desired goals of business transformation leveraging technology, going

beyond cost savings. I look forward to strengthening Wipro's positioning in these regions as a purpose-driven value orchestrator for clients, partners, and employees."

While Wipro has a strong presence in India, the company has also established itself in Southeast Asia over the past two decades, having partnered with leading public and private sector enterprises across multiple industry verticals in their business transformation and digital journeys. Wipro also has a presence in the region through its acquired entities – Capco, Designit, Topcoder and Rizing. In line with its growth ambition for the region, the company continues to invest in localization, building talent at scale, while strengthening partnerships and knowledge of regional demands to offer differentiated services and experience to clients. Wipro has been recognised by the Top Employers Institute as a Top Employer in Singapore for the second year in a row in 2023.

Bechtle receives HP Global Business Excellence Award

31 March 2023

Two of HP Inc.'s inaugural Amplify Impact awards go to the Bechtle Group. The prizes are recognition of the sustainable impact achievements of HP's partners across six categories— winners were honoured at HP's Amplify Partner Conference in Chicago. The Global Business Excellence Award went to Bechtle and the Climate Action Award for Southern Europe went to Bechtle subsidiary Inmac Wstore in France.

With Bechtle running in a field of all global partners, HP honours Germany's largest IT system house for its efforts in doing sustainable business, highlighting in particular Bechtle's extensive sustainable action and objectives on an international scale. HP Amplify Impact is an extension of the HP partner programme that provides training and resources based on HP's own sustainable impact initiatives. All partners enrolled in the HP Amplify Impact programme have developed sustainability strategies for their organisations.

As part of the HP Amplify Impact sustainability programme, Bechtle successfully participated in assessments and workshops to develop innovative projects. In 2022, over 100 employees took part in face-to-face and online sustainability trainings offered by HP, earning Bechtle a Catalyst 4-Star Partner certification.

Bechtle has also received the Climate Action Award which recognises the partners with the best action plans to shrink their carbon footprints. Bechtle subsidiary Inmac Wstore in France raked in the award in this category for South Europe.

With its Amplify partner programme, HP calls on the power of community. "As one company, we can have a meaningful impact," says James McCall, Chief Sustainability Officer at HP. "But when we empower thousands of channel partners, we can accelerate change across the IT industry. The Amplify Impact leaders we celebrate today are going beyond, creating positive, lasting impact within their local communities and for future generations."

Essig Celebrates 30 Years in Business

29 March 2023

Essig, a leading provider of high-tech engineering, manufacturing and PLM services and solutions, announced that it is celebrating thirty years in business. Established in 1993, Essig's roots were in engineering design and analysis with the development of complex 3D finite element models and providing thermal and structural analysis of turbine airfoils.

Today, Essig's companies include Essig Research, Essig MFG and Essig PLM. Essig Research, headquartered in Cincinnati, Ohio, provides a variety of technical services specialized in areas that include R&D, product definition engineering (PDE), test facility engineering (TFE), new product introduction (NPI), maintenance repair and overhaul (MRO) and advanced manufacturing techniques to customers worldwide.

Essig MFG, headquartered in Moberly, Missouri, adds manufacturing capabilities to Essig's offerings, allowing it to provide "design-build" services, from initial design to production. This product lifecycle capability allows Essig to control the entire process and quality of the end product and has long been sought after by Essig's large industrial customers.

Essig PLM, headquartered in Nashua, New Hampshire, is a leading provider of product data management (PDM), product lifecycle management (PLM) and computer-aided design (CAD) integration software and services proven to help companies increase operational efficiency and achieve measurable business results.

"Essig has come a long way since its early beginnings and we are excited for the future," said Joe Daly, CEO of Essig. "We are committed to the continued development of our employees who have made our company what it is today and what it will become tomorrow. We also look forward to enhancing our engineering design and manufacturing capabilities with investments in infrastructure, technology and equipment such as 3D printing. Additionally, we look to expand our PLM business by continually delivering quality software and service solutions to our customers."

Fiix by Rockwell Automation Named Winner in 2023 Artificial Intelligence Excellence Awards

30 March 2023

The Business Intelligence Group announced Fiix by Rockwell Automation as a winner in the Artificial Intelligence Excellence Awards program. Fiix Foresight, Fiix's suite of AI-powered tools, quickly analyzes maintenance data and makes recommendations based on trends in this data, enabling teams to predict and prevent breakdowns, delays and stockouts.

"It is an honor to be named a winner in the AI Excellence Awards program. There are an exponential number of use cases for AI, so to be singled out for how we use it to empower maintenance teams is incredibly rewarding," said Sandy D'Souza, director of product marketing at Fiix by Rockwell Automation.

Fiix by Rockwell Automation is the first and only AI-powered computerized maintenance management system (CMMS) with Fiix Foresight embedded in the platform. Fiix Foresight generates reports and analyzes trends from the data that maintenance teams are already logging in Fiix. This enables maintenance teams to make decisions without having to leave the CMMS, create new reports, build spreadsheets or rely on a team of data scientists.

By using Fiix tools, enterprises are able to predict maintenance needs throughout the facility and gain access to insights on how maintenance teams should respond in seconds. Users see trends that historically have gone unnoticed, and Fiix Foresight empowers maintenance teams to get to the root cause of recurring issues.

“We are so proud to name Fiix by Rockwell Automation as a winner in our inaugural Artificial Intelligence Excellence Awards program,” said Maria Jimenez, chief nominations officer for Business Intelligence Group. “It was clear to our judges that Fiix was using AI to improve the lives of their customers and employees. Congratulations to the entire team!”

HCLTech Honored As A 2023 Dell Technologies Titanium Black Partner

24 March 2023

HCLTech, a leading global technology company, announced it has been awarded Dell Technologies Partner Program Titanium Black status for 2023. Titanium Black represents the highest status in the Dell Technologies Partner Program, recognizing an elite group of Dell’s most strategic partners – those best equipped to navigate today’s data-centric, multicloud world and support their customers in their digital transformation journey.

The award is testimony to the value created by HCLTech’s 15-year relationship with Dell. The powerful combination of Dell’s best-in-class solutions and HCLTech’s CloudSMART consulting and service delivery capabilities help supercharge customers’ digital transformation journey.

“It’s an honor and a privilege to be recognized by Dell Technologies as Titanium Black Partner for helping businesses with innovative technologies to drive their digital future successfully,” said Anand Swamy, EVP and Head - Tech OEM and Telco Ecosystems and Strategy, HCLTech. “This recognition is a testament to our team’s commitment to our customers, understanding their unique challenges and helping them supercharge their transformation goals by relinquishing IT debt.”

“Change is constant and business must adapt, constantly. As digital transformation continues to accelerate, our partners will look to new technologies to help drive cost savings, efficiencies and innovation for their customers,” said Denise Millard, SVP, Global Alliances. “I’m honored to recognize HCLTech as a 2023 Dell Technologies Titanium Black partner. Together, we can move faster to anticipate these changes and reimagine what is possible to reshape our collective future.”

HCLTech Recognized As Amazon EC2 Partner For Microsoft Windows Server Delivery

27 March 2023

HCLTech, a leading global technology company, has been recognized as an Amazon Elastic Cloud Compute (EC2) partner for Microsoft Windows Server Delivery. This differentiates HCLTech as an AWS partner with in-depth technical expertise and proven customer success in designing, architecting, implementing and managing cloud migration and modernization of Windows-based workloads in an AWS environment.

Microsoft Windows workloads are business-critical for organizations across industries, and users increasingly expect greater performance, functionality and mobile access. This requires a robust and secure infrastructure. By migrating Microsoft Windows workloads to AWS, organizations gain significant value by enabling their IT and business teams with greater efficiency, flexibility and improved performance, including significant cost reduction compared to hosting and managing on-premise IT infrastructure.

“We’re proud to continue our partnership with AWS with enhanced capabilities and credentials to deliver exceptional service to our clients,” said Prabhakar Appana, Head of HCLTech’s AWS Ecosystem Business Unit. “Our teams are dedicated to supercharging progress for enterprises around the world and look forward to enabling impactful, efficient and cost-effective digital transformation for our clients, leveraging the latest technologies from the AWS ecosystem.”

HCLTech’s CloudSMART for AWS helps enterprises accelerate their cloud business transformation journey by harnessing deep domain knowledge and experience, enabling organizations to migrate and modernize Microsoft Windows workloads on Amazon EC2 in secure and efficient environments. As an AWS premier consulting and delivery partner, HCLTech has developed in-house tools and programs to accelerate seamless and cost-effective migration journeys for its customers around the world. HCLTech helps enterprises to integrate Microsoft Windows servers running on Amazon EC2 with features like Amazon Elastic Block Store (EBS), Amazon CloudWatch, Elastic Load Balancing and AWS CloudTrail.

L&T Technology Services and Ansys set up CoE for Digital Twin

31 March 2023

L&T Technology Services Limited, a leading global pure-play engineering services company, and Ansys, a global leader and pioneer of Multiphysics engineering simulation software have signed an MOU to establish the LTTS-Ansys Center of Excellence (CoE) for Digital Twin. The center will support LTTS in demonstrating industry use cases, develop future facing solutions, and enable its customers to optimize design, manufacturing, and supply chain processes. Ansys' Twin Builder solution will allow LTTS to further expand its market share in digital twin areas.

The digital twin market is valued at \$6.5 billion and is expected to reach \$125.7 billion by 2030, growing at a CAGR of 39.48%. The CoE will help LTTS showcase digital twin proofs of concept to its customers and speed up their adoption. The collaboration will enable LTTS to meet the

growing demand for digital twin solutions and provide access to emerging talent in the technology market.

The joint efforts of Ansys and L&T Technology Services will create opportunities for innovation and growth in the digital twin industry, providing a new level of insight and control to manufacturers. With the digital twin market projected to experience exponential growth in the coming years, this collaboration positions both companies at the forefront of the trend. The collaboration demonstrates the commitment of both organizations in providing the most advanced and effective digital twin solutions to customers in manufacturing and industrial sectors. The establishment of the CoE marks the beginning of a long-term partnership aimed at shaping the future of the digital twin industry.

LTTS recently launched its next-generation IoT-based engineering practice on Digital Twins and is expected to derive extreme value from this collaboration to bring the benefits of digital twins to a range of industries, from oil and gas to automotive, aerospace, and defense, among others. Digital twins offer the potential to transform manufacturing businesses by enabling predictive maintenance, saving on warranty and insurance costs, and optimizing product operations. By leveraging Ansys' simulation tools, the CoE will help accelerate the digital thread for manufacturing and industrial enterprises.

Speaking about the collaboration, **Prith Banerjee, Chief Technology Officer, Ansys**, said: *"We are very excited to collaborate with LTTS on addressing the challenges and needs for the Digital Twin market. LTTS has demonstrable expertise in creating next generation Digital Twins and Ansys, through this CoE, will further help LTTS accelerate and develop advanced Digital Twin simulation capabilities. I believe that this collaboration will enable LTTS to address the growing demand from customers for new age manufacturing practices and deliver strong value to the growing market for Digital Twin solutions."*

"Digital twin opens up fascinating new possibilities in the Industrial Internet of Things with positive outcomes for product design, development and manufacturing. We are pleased to collaborate with Ansys which will help our customers visualize every aspect of production and gain actionable insights. With Ansys' simulation tools, we will be able to accelerate the digital thread of enterprises across manufacturing and industrial segments in particular. This association with Ansys will help accelerate the adoption of digital twin technologies and solve complex problems for our global clientele," added **Abhishek Sinha, Chief Operating Officer and Board Member at L&T Technology Services Limited**.

Lantek strengthens its AI implementation strategy with membership in BAIC (Basque Artificial Intelligence Center)

30 March 2023

Lantek, a multinational company specializing in digital transformation for the sheet metal and metal cutting and processing sector, has signed a membership agreement with the Basque Artificial Intelligence Center (BAIC) to become part of the Basque ecosystem in the field of Artificial Intelligence (AI). Along with five other companies, Lantek will be an active

participant in the promotion of AI and data strategy implementation in the industry, with a focus on international positioning.

Lantek's membership in BAIC reinforces its commitment to the implementation of AI and data strategy in industry in the Basque Country. This includes the development of talent and incorporation of ethical and regulatory aspects. The membership also provides a framework for Lantek to be an important player at national and European levels in the field of AI.

For Alberto López de Biñaspere, CEO of Lantek, this partnership presents an opportunity for the company to reinforce its strategy regarding the implementation of AI in its processes and products. It also allows Lantek to support its customers by accompanying them in their innovation and digitalization processes.

Lantek's membership in BAIC also supports its expansion plans by providing opportunities for innovation in national and international markets. The membership will enable Lantek to participate in the organization's activities and collaborate with other key players in the industry.

BAIC aims to position the Basque Country as a reference in the field of [AI](#) by promoting synergies between applicants, developers, technology centers, knowledge agents, and public administrations. Lantek's membership in BAIC serves as a meeting and reference point for all industry agents with similar intentions.

NEC Corporation of America Names Chris Jackson President and CEO

29 March 2023

NEC Corporation of America (NEC), a leading provider and integrator of advanced IT, communications, networking, and biometric solutions, announced Chris Jackson as its new President and CEO effective April 1, 2023. Previously, he served as President and CEO of NEC Europe, a role he will continue to hold. Chris will be named Senior Vice President for NEC Corporation with dual responsibility for NEC Europe and NEC Corporation of America.

Since joining NEC in 2008, Jackson has held management positions in sales, business development and operations before being named President and CEO of NEC Europe in April 2020. This new alignment of NEC America and NEC Europe under a single President will enable a closer working relationship between the two important and growing regions.

"I look forward to leading the fantastic teams both in America and in Europe and helping create social value by leveraging our leading technologies such as biometrics, AI, 5G and service provider networking," Jackson said. "We have a number of global customers with operations in Europe and the U.S. This alignment will enable us to better streamline across the regions, making it easier for customers to interact with NEC."

Jackson will succeed Mark Ikeno who led the NEC America business since 2017. Ikeno was with NEC for more than 35 years with extensive sales, marketing, business development and global business leadership experience.

"I have great confidence in Chris to continue the positive trajectory we have built at NEC America over the last five-plus years," Ikeno said. "He is a proven leader with a terrific vision for the business and the region."

TOPSOLID GETS A 3D BOOST, BY JOINING FORCES WITH 3DCONNEXION AND ADOBE SUBSTANCE 3D

28 March 2023

Earlier this year, TOPSOLID announced the availability of its integrated software suite, TopSolid Integrated Digital Factory 2023, enriched with hundreds of new features. The many innovations include a stronger 3D element, through partnerships with 3Dconnexion and Adobe Substance 3D.

3Dconnexion

3Dconnexion designs and develops powerful, ergonomic mouse devices and smart software based on the most rigorous and innovative R&D in the world. With its SpaceMouse® and CadMouse 3D ranges, and its Keyboard with Numpad, 3Dconnexion provides CAD professionals from the building and machinery industries with a superior tool that lets them interact with the digital world smoothly and efficiently.

TopSolid'Design now enables management of the latest generations of SpaceMouse® to offer those users unbeatable 3D navigation, in terms of ergonomics and technology, with sensitivity, responsiveness and precise control of tools.

Adobe Substance 3D

Adobe Substance 3D is an application environment whose content empowers you to create in 3D. With an infinite range of possibilities in terms of variations for product design, the software boosts the creativity of its users and brings more speed and flexibility to workflows thanks to material parameters and real-time views (which can be modified at any time without going back to the previous step).

TOPSOLID integrates Adobe Substance 3D® into its software suite, giving access to millions of parametric textures that let you produce exceptionally high-quality images quickly. The Substance 3D suite lets you create materials from a simple image, but you can also import and augment (post-processing) those scanned materials and read them directly in TopSolid for immediate visual feedback.

"We are delighted to be working with 3Dconnexion and Adobe Substance 3D and to have their solutions as part of the new features of TopSolid Integrated Digital Factory 2023. We want to offer our users creative, efficient and easy-to-use tools for their designs, that constantly adapt to their needs, and this means joining forces with the best tools available on the market," explained Richard Lamure, CEO, **TOPSOLID**.

Trimble Joins ResponsibleSteel to Further Sustainability Efforts in the Steel Industry

24 March 2023

Trimble announced that it has joined **ResponsibleSteel**, an independent, non-profit organization that is the steel industry's first global multi-stakeholder standard and certification initiative. The steel industry, as one of the largest industrial emitters of CO₂, is taking an industry-wide approach to ensure that steel is responsibly sourced and produced.

Trimble is also the first Building Information Modeling (BIM) software technology provider to join the ResponsibleSteel initiative. Trimble's Tekla® software is one of the construction industry's most widely used software product suites for the design, engineering, fabrication and detailing of steel structures.

With owners and operators of both building and infrastructure assets increasingly expecting their construction partners to choose sustainably sourced materials, there is a growing opportunity and urgency for the steel industry to minimize its environmental impact. With Trimble's Tekla software solutions, engineering, detailing and construction firms and fabrication workshops can more effectively calculate and plan the use of steel in steel structures and in steel reinforcement in concrete structures.

Tekla's Embodied Carbon Calculator enables designers and detailers to assess the potential environmental implications of designs to quickly compare various structural options' carbon impact. Additionally, a plugin to Tekla Structures enables the upload of material quantities in a design to One Click LCA, a lifecycle assessment software that helps users calculate and reduce the environmental impacts of their designs.

"Thanks to its industry-wide nature, ResponsibleSteel has the ability to bring about impactful change to the way steel is created, sold, sourced and applied," said Päivi Puntila, director, Business Development and Sustainability Lead for the Structures Division at Trimble. "As one of the key players in design software for steel structures, Trimble solutions have contributed to making construction more sustainable by raising efficiencies, helping avoid waste during construction, and enabling data reporting on the climate impact of projects. Our membership of ResponsibleSteel is further proof of our commitment to helping protect and build a better world to drive a sustainable future."

Annie Heaton, ResponsibleSteel's CEO, commented, "As the only global multi-stakeholder initiative for the responsible production of steel, we have created a platform where companies from across the steel value chain can come together to learn and work together to shape the future of the industry. Trimble, as a leading software supplier for the construction industry working to improve productivity, safety, transparency, and sustainability, will be a valuable addition to the ResponsibleSteel membership community. Buildings and construction make up around 39 percent of global carbon emissions, 11 percent of which is from construction and the manufacture of building materials such as steel. Tekla software allows engineers to measure and compare the carbon footprint of different structural designs, helping to reduce their environmental impact."

“Companies, through industry associations, are uniting to advance sustainability to empower collective action. Associations provide opportunities to share best practices, collaborate on challenges important in their industries and set standards on GHG emission and the sourcing of input materials,” said Dietmar Grimm, vice president, Trimble Corporate Strategy and Sustainability. “By aligning with ResponsibleSteel, Trimble and Trimble technologies can play an important role in helping to drive the production and use of low-carbon steel as well as help position the construction industry as a sustainability innovator.”

In 2022, Trimble received approval for its emissions reduction targets by the Science Based Targets initiative (SBTi), a coalition of the CDP, the United Nations Global Compact, the World Resources Institute, and the World Wide Fund for Nature, joining a growing number of companies taking urgent action on climate change. Trimble has also joined forces with other companies and climate leaders in the Business Ambition for 1.5°C campaign, the We Mean Business Coalition and the Race to Zero Campaign.

Event News

ALLPLAN at BAU 2023

28 March 2023

At BAU 2023, April 17-22, ALLPLAN will present its portfolio of solutions for interdisciplinary collaboration between architecture and engineering firms, precast factories and construction companies in Hall C5 at Booth 322. For the first time, the Munich-based software company will present itself with its sister companies, including Bluebeam, CREM Solutions, dRofus, FRILO, Graphisoft, Nevaris, SCIA, Solibri and Vectorworks, under the umbrella of the Nemetschek Group. With over 100 square meters of exhibition space and 13 workstations showing Allplan, Bimplus, Allplan Bridge, Allplan Precast and BIM EASY, ALLPLAN occupies the largest area at the joint stand.

The joint appearance with ten Nemetschek brands underlines the claim of the group to further optimize the collaboration between individual partners on a construction project with digital solutions in order to minimize time- and resource-intensive friction losses. *“Together with all our exhibiting brands, we will show how our customers and the entire construction industry benefits from the software solutions of the Nemetschek Group today and in the future - especially looking at the major challenges that the industry is facing such as climate protection, the more careful use of resources, or the question of affordable housing,”* explains Yves Padrines, CEO of the Nemetschek Group.

For Michaela Heinzl, Country Manager Germany, it is all about helping customers to find digital answers to their current challenges and to exploit the potential of digitization - both within the Allplan world and through synergies with other software solutions.

ALLPLAN's trade fair presentation will focus on the issues that are currently occupying the industry: How can improved collaboration help to increase the efficiency of construction projects? How can planning processes be accelerated while maintaining high quality? What

potential is there for improving the sustainability of buildings? How can the required BIM competence be built up in the company? What highlights does the current Allplan version offer?

These topics form the trade fair highlights of ALLPLAN at BAU 2023:

1. Making the right decisions with Design to Build

Design to Build with Allplan means that architects and engineers have all the tools and information they need to make the right decisions at the design stage. This includes being able to consider the construction method and manufacturing processes earlier. This makes it easier to estimate costs with accurate quantity takeoff. Powerful modeling, visualization, and cloud-based collaboration and reporting capabilities enable optimal coordination between project stakeholders.

For general contractors or developers, *Design to Build* means a continuous lossless data flow across all service phases. The BIM model can be used throughout the construction phase and enriched with additional information such as lean scheduling, construction site planning or additional safety aspects.

2. Increased design efficiency thanks to automated processes

Architects and engineers are increasingly required to achieve more with fewer resources, for example when it comes to designing load-bearing structures or implementing complex architectural concepts. One way to greatly accelerate planning processes is to continuously identify and automate recurring work steps. While this used to be technically demanding, Allplan 2023 provides new options for developing your own solutions quickly and easily: *Visual Scripting*, for example, allows any designer, even without programming skills, to automate workflows or create intelligent objects and thus gain a competitive advantage.

Thanks to the integration of numerous precast design functions in Allplan 2023, engineering offices and precast plants can now design precast concrete elements of any complexity directly in Allplan. Allplan automatically creates element plans for production. The merger of Planbar and Allplan not only simplifies project coordination, but also enables new, more efficient workflows.

3. Leveraging order gaps and building BIM expertise

Not only are the right tools decisive for the success of a project. Only the correct application of the methodology forms the key to project success. In addition, proof of BIM competence by means of a certificate is increasingly required in order to obtain planning contracts. Thanks to the multi-level BIM training concept of ALLPLAN, which is based on the Professional Certification Program of buildingSMART, offices can professionally build up the BIM competence of their employees.

The new e-learning platform [ALLPLAN LEARN NOW](#), which was launched at the end of last year, offers online learning content on Allplan and partner products that enables self-directed learning. The Start-Now lessons have been specially designed for new Allplan users. They lead

step by step through a complete project: from the user interface and project organization to the creation of the 3D model, reports and plan output.

4. Using point cloud technology for thermal refurbishment

The Ministry of Climate Protection's extensive renovation campaign will continue this year. The focus is on the thermal refurbishment of existing buildings. The subsidy rates will increase from a maximum of 30 to a maximum of 50 percent.

Working with point clouds is of great advantage in refurbishment projects because they provide a holistic image of the building stock, no dimension is forgotten. As a result, there are fewer errors in renovation planning and fewer risks during the construction phase. Allplan 2023 processes large point clouds with high performance directly on the graphics card.

5. Impress customers with perfect renderings

Nothing creates a more convincing presentation and better project understanding than a visual simulation with high-quality renderings. With Allplan 2023, the powerful visualization options have once again been comprehensively enhanced. For example, visualization effects are now also available throughout the animation as well as with Realtime Render and CineRender. In addition, the new LiveSync interface enables a real-time connection to external visualization solutions such as Lumion. A Technical Preview of Twinmotion's LiveSync integration will also be on display for the first time at BAU 2023.

Coreform is a platinum sponsor of the NAFEMS ASSESS Congress 2023

20 March 2023

As the International Association for the Engineering, Modeling, Analysis and Simulation Community, NAFEMS is widely recognized as the leading independent source of information and training for engineering analysts and designers of all levels. The ASSESS Congress 2023 will bring together the leading visionaries, developers, and practitioners of CAE-related technologies in an open forum, unlike any other, to share experiences, discuss relevant trends, discover common themes, and explore future issues. The goal is to provide attendees with the best thought-provoking content to deploy simulation now and in the future.

Coreform will have two of its leadership team in attendance, and is contributing to the development and advancement of simulation by participating as a platinum sponsor. Follow us on social media for updates on the conference as it happens.

[LinkedIn](#) [Facebook](#) [Twitter](#)

The conference will be highly interactive, splitting into several theme workshops where participants will meet, discuss, and report to the main plenary. As such, registration is limited to just over 100 participants.

The ASSESS Congress 2023 will be held in Atlanta, Georgia, between March 26th and 28th. This is not a traditional conference, but an opportunity for thought leaders to work as one to map out the future of engineering simulation and lead the way toward it. Coreform is a platinum sponsor of this event.

EPLAN - Hannover Messe 2023

28 March 2023

Smart Factories are a topic high on the agenda for so many industrial sectors – and with good reason. So, let's have a proper conversation about it: How is manufacturing progressing with its development towards smart production? How are companies managing the transition from crisis management to sustainable flexibility when it comes to supply chains and energy-related questions? And what roles can plant, machinery and mechanical engineering play in the future as important and key elements in the digitalisation of industry?

Our approach: **Connecting ecosystems. Smarter.** The networking of interdisciplinary ecosystems, the intelligent combination of software and hardware solutions and the optimisation of digitally assisted processes.

Rittal, EPLAN, Cideon and German Edge Cloud look forward to presenting and developing this theme and much more besides at the Hannover Messe from 17th to 21st April.

Are you with us? Let's tackle the challenges of today together:

- **Mastering the energy revolution**
Rittal climate control solutions achieve energy savings of up to 75% on average, and a live demonstration will show you how smart energy monitoring drives optimisation at the Rittal factory in Haiger.
- **Design & Engineering made simple**
Digital networking with the new generation of EPLAN software generation for all sectors of industry, as the key to faster, more efficient and more sustainable electrical design and engineering – exclusive preview at the Hannover Messe!
- **Stay on course with comprehensive integrated systems**
With EPLAN and Rittal solutions from design, engineering through to plant operation: Seamless end-to-end consistency and energy efficiency across all process steps.
- **Batch size of just 1 at the press of a button**
Cideon Conify brings one standardised, machine-readable dataset per product to the production line.
- **For a smarter future**
Agile IIoT production management with the ONCITE Digital Production System from German Edge Cloud.

Honeywell To Present At Jefferies eVTOL Summit

24 March 2023

Honeywell announced that Mike Madsen, president and chief executive officer of Honeywell Aerospace, will present virtually at the Jefferies eVTOL Summit on Tuesday, March 28, 2023, from 3:20 p.m. - 4:00 p.m. EDT.

A real-time audio webcast of the presentation can be accessed at <http://www.honeywell.com/investor>, where related materials will be posted prior to the presentation and a replay of the webcast will be available for 30 days following the presentation.

Lectra Showcases Latest Technology at Shoptalk 2023 During Company's Rapid US Expansion

16 March 2023

[Lectra](#), the major global Industry 4.0 player in the fashion industry for 50 years, announced its attendance at [Shoptalk 2023](#) at the Mandalay Bay Convention Center in Las Vegas, March 26-29th. This year will be Lectra's first attending Shoptalk as the company accelerates in the US market, solidifying itself as the technology partner to support the future of fashion retail business.

With the dramatic shift towards e-commerce, brands, retailers, and manufacturers have had to rethink the way they analyze, sell, develop, and manufacture their collections with a new direct-to-consumer approach. At Shoptalk, Lectra will showcase cutting-edge solutions, powered by artificial intelligence, that will revolutionize the way brands and retailers handle fashion benchmarking and collection planning while providing a 360° view of the entire manufacturing process from mass production to small series and one-off production runs.

"For 50 years we've been the trusted partner of top fashion brands like Theory, Pinko, Diesel, and Zumba," said Lenny Marano, President of the Americas at Lectra. "Our customers need a complete solution that they can rely on to make decisions with real-time data monitoring and competitor performance tracking. Lectra is proud to streamline all collection development by being the one collaboration source for entire teams, which drastically reduces time to market and provides our customers with a competitive edge they can't get anywhere else."

Lectra will be showcasing its latest technology at booth, #1581 including demos of:

- **Retviews:** New to the US market, this automated competitive analysis platform for fashion monitors over 5,000 brands across the world. Retviews uses AI to provide an in-depth look into competitors' assortment, discount, and pricing strategies to enable buyers, planners and merchandisers to optimize their retail strategy and increase margins.
- **Kubix Link v 3.2:** A unique and adaptable ecosystem of fashion Product Lifecycle Management (PLM), Product Information Management (PIM), Digital Asset Management (DAM) and more. Kubix Link enables fashion and apparel process stakeholders to consolidate, share and communicate all product-related data through a single funnel from their first sketch to online sales channel. The latest version of Kubix Link, being showcased at ShopTalk, will enable businesses to manage daily workflow better, thanks to better document and asset management capabilities, and a more personalized navigation experience.

- **Neteven:** Currently the leading European marketplace integrator, Neteven's Platform-as-a-Service is optimized to deliver incremental revenue to brands through digital channels. Neteven, helps clients achieve maximum exposure of their product catalogue on local and international marketplaces such as Zalando, La Redoute, Galeries Lafayette, Amazon, Veepee and Farfetch, while improving performance and profitability through the automatization of the sales cycle and providing dedicated support at each phase of the project.

Join Lectra to celebrate 50 years of innovation at its media happy hour, Monday March 26th at 4:45pm. Founded in 1973, Lectra has been driving innovation that transforms markets and has remained a key strategic partner for companies across the fashion, automotive and furniture industries.

MariaDB Shows How Companies Become Unstoppable at OpenWorks 2023

27 March 2023

MariaDB plc announced that it will host its global user conference, OpenWorks, on May 9-10, 2023. The event will feature two days of sessions and a keynote from CEO Michael Howard – available virtually and live from New York City. OpenWorks 2023 will feature a first look at new innovations coming to the world of open source databases in the cloud, including demonstrations of SkySQL, MariaDB's second generation cloud database.

MariaDB will also announce the winners of the inaugural Wavemaker Awards at the event, recognizing companies that are making a splash with the help of MariaDB database products.

OpenWorks 2023 will bring together MariaDB customers, partners, technical experts and product leaders from around the globe to share best practices, knowledge and success stories. OpenWorks customer and partner speakers include:

- Akshay Ram, senior product manager, Google
- John Hundley, senior principal software engineer, Hughes Network Systems
- Adam Mayer, director, technical product marketing manager, Qlik
- Byungkee Hong, platform team leader, SUPERCAT
- Steven Senator, deputy group leader, Los Alamos National Laboratory
- Jeremy Miller, R&D manager and senior principal, and Adrien Holtzman, senior software engineer, Certified Power

See the [agenda](#) for the full lineup.

Join Live in New York for the Full Experience

In-person attendees will enjoy added benefits, including:

- **MariaDB certification:** Show off your MariaDB skills! The certification exam is only available to on-site attendees in New York. The two-hour exam covers configuration,

security, user management, schema operations, performance tuning and business continuity.

- **Hands-on workshops:** Build new skills to grow your career! Workshops are three-hour long technical deep dives. Learn which workshops are available [here](#).
- **Live keynote and sessions:** Get front-row seats to the keynote and select sessions with the opportunity to interact directly with speakers and experts.
- **Roundtables:** An opportunity to have an in-depth discussion with peers and industry leaders on a variety of topics. By invitation only.
- **Networking reception:** Meet with peers and other industry leaders, build new connections or re-connect in ways we haven't been able to for years.
- **Ask the experts:** Bring questions and pick the brains of the MariaDB experts that are on the front lines solving problems and making open source work for customers around the world.

“MariaDB OpenWorks is the definitive place for cloud architects, application developers and database professionals to build skills and open up new opportunities,” said Franz Aman, CMO at MariaDB plc. “Be the first to hear about revolutionary innovations in open source and what’s on the roadmap for MariaDB. We’ll cover our vision for the future as well as dive deep on a variety of technical topics so users walk away with a newfound understanding of the possibilities that are truly achievable with MariaDB.”

Early bird pricing for the in-person OpenWorks event ends March 31. Virtual registration is free. Register today at mariadb.com/openworks.

Meet with DELMIA Experts at COExperience

23 March 2023

Join **DELMIA experts at COExperience, April 16-19, 2023 in Miami, Florida**. The team of DELMIA experts will be presenting new features and functionality in the Manufacturing Track and showcasing our solutions in the Dassault Systèmes booth at the Technifair.

About the COExperience

COExperience is the premier Dassault Systèmes user-focused conference where hundreds of Dassault Systèmes users and preeminent industry partners will connect with one another and access transformative education that will help them build skills, increase efficiencies, and gain knowledge.

Meet the DELMIA Experts

Visit the DELMIA team of experts at the **Dassault Systèmes booth #207** during the TechniFair show times April 17-19. DELMIA experts will be happy to showcase DELMIA’s latest solutions and address any product questions you may have. Don’t miss out on this opportunity to experience DELMIA solutions in person and see how these experiences can translate directly into business results for your organization.

DELMIA Sessions

DELMIA experts will be presenting throughout the week in the Manufacturing track, which will focus specifically on manufacturing processes. Sessions managed by the DELMIA team will concentrate on the following categories:

- Additive Manufacturing
- Augmented Reality in Operations
- Ergonomics
- Machining
- Robotics and Virtual Factory
- Sales & Operations Planning
- Virtual Twin Experience of the Factory

Don't miss out on this opportunity to learn about the newest DELMIA features and functionality – and be sure to block your calendar for your favorite session topics!

Monday, April 17

[Machining: New Roles Live Demos and Functional Updates](#)

1:30PM-2:20PM / NC Kishore, DELMIA Fabrication Engineering Senior Manager

[Virtual Twin Experience: Virtual Twin Experience of the Factory](#)

3:40PM-4:30PM / Mike Bradford, DELMIA Strategic Business Development and Marketing Director

Tuesday, April 18

[Sales and Operation Planning: Enable Resiliency and Optimize Sales and Operations Planning](#)

2:30PM-3:20PM / Adrian Wood, DELMIA Strategic Business Development and Marketing Director

[Robotics and Virtual Reality: New Roles and Functionalities](#)

3:40PM-4:30PM / Tony Karew, DELMIA Robotics Engineering Senior Manager

[Additive Manufacturing: New Roles Live Demos & Functional Updates](#)

3:40PM-4:30PM / NC Kishore, DELMIA Fabrication Engineering Senior Manager

Wednesday, April 19

[Ergonomic: Ergonomic Workplace Design](#)

10:40AM-11:30AM / Marie-Christine LeClerc, DELMIA R&D User Experience Design Senior Manager

[Augmented Reality in Operations: Reaching Operational Excellence with DELMIA Augmented Reality](#)

2:25PM-3:15PM / Mike Bradford, DELMIA Strategic Business Development and Marketing Director

See You at COExperience!

We're excited to see you at the [2023 COExperience](#) this April in Miami. Visit the COExperience event site to learn more and become an expert yourself.

MIDD+ 2023 Panelists Discuss How to Increase Gender Equity for Women in Science

30 March 2023

More than 150 people from around the world gathered virtually this past February for a panel discussion about how to move the needle on gender equity for women in science.

Hosted by Simulations Plus, Inc. as part of their third annual Model-Informed Drug Development (MIDD+) conference, the speakers looked noticeably different than years prior: men were invited to sit on the panel and add their voices to the conversation. According to Jill Fiedler-Kelly, President of the Cognigen division at Simulations Plus and the panel session leader, this represented a critical shift in approach for addressing gender-based inequities. "It is our consensus opinion that the inclusion of men and their active involvement in addressing the challenges women in science face is an essential component in moving the needle on gender equity in a positive direction," she said.

Panelists discussed what it takes for both men and women to be authentic allies in the workplace, and how to foster psychologically safe spaces that support women at all stages of their careers. Some of the recommendations included pushing for policy changes at work, such as flexible hours and parental leave policies that are inclusive. Others involved encouraging female employees to apply for jobs they may not feel 100 percent qualified for, recommending their capabilities, and providing support to help ensure they can succeed and continue their professional growth.

"Endorsement can be really impactful," Fiedler-Kelly said. "Helping people to see what others are capable of and to make connections is something we can all easily do for each other, men and women alike." Panelist Scott Siler, Chief Science Officer of the DILIsym division of Simulations Plus, discussed his increased awareness regarding issues faced by women, thanks to interactions with female colleagues over the years. Siler emphasized the importance of listening, observing, supporting and evolving. "Collectively, our objective is to create an environment in which all women – all people – are comfortable enough to realize their goals and aspirations," he said.

Although some individual companies are making progress toward gender equity— Lindsay Luke, the Director of Human Resources at Simulations Plus, noted 52 percent of Simulations

Plus scientists are female—there remains work to be done to even the playing field, especially for women of color in STEM fields.

Supporting women in the workforce is more critical than ever. Panelists noted that during the COVID-19 pandemic, disruptions to school and childcare led more women to leave the workforce than men—and the gender inequity in childcare responsibilities reinforced inequity in the workforce, with both short- and long-term economic implications for women. “We need to critically examine the policies we have in place, with an eye toward inclusivity, and over-communicate the positive benefits of greater diversity on company culture,” Fiedler-Kelly said. “Sometimes, small changes in how and where work is conducted can help us meet the different needs of our staff and ensure everyone has the ability to succeed.”

Siemens to help kickstart digital transformation in logistics and build resilient supply chains at Supply Chain Forum

30 March 2023

Siemens Digital Logistics announced that it will present the Siemens Supply Chain Forum at the Hilton Frankfurt Airport, June 21, 2023 and it will focus on the theme of “Accelerating the Digital Transformation in Logistics.”

Experts from the manufacturing, retail, logistics and tech sectors will come together in person and in the livestream for a one-day international event of networking and knowledge-sharing. Companies such as dm-drogerie markt, and Gebrüder Weiss will take the stage to highlight what they expect logistics to deliver in times of global supply chain bottlenecks.

“Many logistics companies saw progress on digital transformation stall during the crisis. Our goal here is to present scalable, easily accessible software solutions that will help companies keep up with the pace of development in the industry,” said Volker Albrecht, CEO, Siemens Digital Logistics. “It’s about visibility, resilience, and sustainability - but also about an optimized syncing of production and logistics processes to better offset a fluctuating supply chain. Our Supply Chain Forum event provides insights and digital solutions to meet the logistics challenges of the global economy, today and tomorrow.”

For more information and registration, please visit <https://www.siemens-digital-logistics.com/supply-chain-forum>

Implementation Investments

American Exchange Group Chooses Infor for ERP Modernization

28 March 2023

Infor®, the industry cloud company, announced that American Exchange Group (AXNY), a multi-division industry leader in accessories design, manufacturing, and wholesale, has selected Infor CloudSuite Fashion, an ERP solution specifically designed for apparel, footwear, textile, and fashion accessories companies, to standardize all divisions across the organization and support future growth.

Recently, American Exchange Group acquired two footwear brands, AEROSOLEES and White Mountain Footwear Group. With these additions, it became a priority to consolidate to a single ERP solution.

“With our recent acquisitions of Aerosoles, White Mountain and Cliffs, adding to our AXNY portfolio, we were faced with having to maintain multiple ERP systems to support multiple brands,” said Alen Mamrout, CEO of American Exchange Group. “We knew we needed one platform that made sense for all divisions and brands with the dynamic capacity to support future growth and additional potential acquisitions. This provides better communication and better allocation of our resources for productive results. We are looking forward to the consolidation of systems, as well as optimizing the visibility of our information from one source.”

By consolidating to one ERP solution, American Exchange Group will have better integration between systems, standardization across all business units, and more modern capabilities. This new end-to-end solution includes Infor CloudSuite Fashion, Fashion PLM (product lifecycle management), Factory Track, and Infor Birst analytics & reporting.

The multi-tenant cloud solution is powered by Amazon Web Services (AWS), the world’s most comprehensive and broadly adopted cloud platform, and deployed by Infor partner Fortude, a leading global enterprise and digital services company with a strong focus in the fashion industry.

“AXNY has made it a priority to have the best resources, products, and teams to ensure the continued success and growth of our company,” said Todd Emerson, CTO of AXNY. “We selected a partner that aligned with our digital transformation strategy and would support our continued success and growth. Infor’s multi-tenant CloudSuite Fashion ERP solution is powered by Amazon Web Services, making it a perfect match for our long-term strategy.”

Dan Dufault, SVP and general manager of Infor fashion & retail solutions, said, “American Exchange Group (AXNY) is the latest example of a leading fashion brand company that has joined the Infor CloudSuite Fashion roster of customers in their quest for a digital transformation. AXNY is strategically positioned to consolidate and streamline its current processes while leveraging our technology to advance its leadership position of driving growth in the market. We look forward to a long and mutually successful relationship with the AXNY team.”

Boardriders Gets Pricing Right with Competitive Market Insights from Centric Pricing

28 March 2023

Centric Software® is delighted to announce the release of a success story about its customer, Boardriders.

Boardriders, Inc., is a leading action sports and lifestyle company that designs, produces and distributes iconic branded apparel, footwear and accessories. Headquartered in Southern California, the Company’s Quiksilver, Billabong, ROXY, DC Shoes, RVCA, and Element brands

have authentic roots and heritage in surf, snow and skate. Sold in more than 110 countries in a wide range of distribution, including surf, skate and snow shops, proprietary Boardriders and other company owned retail stores and through various e-commerce channels.

In 2017, the company decided to focus on pricing. They created a position called Head of Global Pricing Strategy, which Peter James holds. He describes the way pricing research used to be done with 50 different people each gathering data in multiple spreadsheets, across all the brands. "You don't have that ability to do any central or quantitative analysis on it. It's not shareable," James says.

Another challenge was getting the assortment right during planning. A consulting firm designed a basic scraping tool to collect competitive data which gave Boardriders a taste of the potential benefits of a fully-formed pricing and assortment solution. The search for the right tool led them to Centric Pricing™, an AI-driven competitive assortment benchmarking and market trend insights platform. Information is delivered in real-time to aid in accurate decision-making. James says, "With Centric Pricing, having the information at your fingertips ensures that nothing is missed. It gives a view of the opportunities when they're there."

Read the full story to learn what James and his colleague, Hendrik Kriel, Global Director of Data Insights have to say about what they found most valuable, and getting concrete benefits shortly after implementation!

Consip Taps DXC Technology for Italian Public Administration Digitalization

28 March 2023

DXC Technology, a leading Fortune 500 global technology services company, has signed a contract with Consip to digitally transform public administrations across Italy's public sector.

Consip is the procurement arm of the Italian Ministry of Economy and Finance (MEF). It operates as Italy's central purchasing body, supporting government organizations in their procurement activities and helping to direct complex and innovative transformation projects.

Awarded three separate contracts, DXC has been chosen alongside a selection of technology service providers to accelerate the digitization of public sector services to maximize value for Italian citizens. The contracts are part of the Italian National Recovery and Resilience Plan (PNRR), which is investing in digitalization and innovation to ensure Italy becomes more sustainable, resilient and prepared for future economic and social challenges following the COVID-19 pandemic.

The agreement, which commences in 2023, covers the following areas:

System management for public administration data processing centers

DXC will provide mission-critical IT infrastructure, network, and security services as part of PNRR projects. DXC will use its expertise to manage and develop complex hybrid cloud systems. The agreement includes operational management of data center infrastructure and 24/7 remote monitoring to help government organizations visualize, evaluate, and prioritize cybersecurity investments.

Cloud and PMO applications services

DXC and nine IT services providers will be responsible for migrating public administrations to the cloud, strengthening the ability to implement digital services throughout Italy and enhance citizen experiences. Using DXC's Cloud Right approach, government organizations will benefit from hybrid solutions which are customized for maximum value, accelerating service speeds and reducing costs.

Digital Health

DXC will lead and manage the digital transformation of the Italian public health sector. Healthcare is a strategic sector for Italy, with technological advances at the center of every citizens' quality of life and medical experience. DXC will draw on its experience in the region, helping healthcare organizations operate more efficiently through a broad portfolio of solutions that include consulting and innovative technology platforms.

"These agreements with Consip demonstrate our commitment to supporting Italian national infrastructure in a crucial phase of its digital transformation," said Eugenio Maria Bonomi, Managing Director of DXC Technology Italia.

"The public sector has an ever-growing volume of data, applications and systems that need to be carefully managed", added Nicola Mangia, Italy Public Sector General Manager of DXC Technology. "We are proud to be delivering the secure, reliable, and innovative technological infrastructure which forms the backbone of digital services for Italian citizens."

Daimler Truck collaborates with Siemens to build an integrated digital engineering platform

28 March 2023

Siemens Digital Industries Software and Daimler Truck AG announced a new collaboration to implement a state-of-the-art digital engineering platform built using the Siemens Xcelerator portfolio of software and services. The new platform will enable Daimler Truck to explore a future of commercial vehicle innovation and the efficient product development and lifecycle management of trucks and buses and will be rolled out globally across Daimler Trucks' engineering hubs, brands and business segments.

"Our decision to expand our relationship with Siemens is driven by the ambition to create a globally integrated IT and engineering environment for Daimler Truck. This will help us to leverage the most advanced technologies to build the future of transportation and make the business of our customers more successful," said Dr. Andreas Gorbach, Member of the Board of Management of Daimler Truck Holding AG, responsible for Truck Technology. "A unified IT landscape will bring our engineering activities at Daimler Truck a huge step forward. With a transparent and efficient end-to-end engineering process enabled by the new development platform, we are becoming more agile and can improve our time to market."

The new digital platform will expand Daimler Truck's adoption of the Siemens Xcelerator portfolio through the implementation of Teamcenter® software for Product Lifecycle Management (PLM), extended with Bill of Materials (BOM) management as its future standard

PLM solution. This environment brings together and integrates the Daimler Truck teams' workflows, systems and their associated mechanical design, electrical design and simulation data. This expands upon Daimler Truck's use of solutions from across the Siemens Xcelerator portfolio, including NX™ software for product engineering.

Since its establishment as an independent entity, Daimler Truck has begun a digitalization initiative to migrate away from Daimler AG legacy systems with the strategic intent to lead sustainable transportation with intelligent IT innovations. To develop trucks and buses of the future, Daimler Truck is pursuing a clear technology strategy where, in a carbon-neutral future, vehicles will be powered by both electric battery and hydrogen-based drives. These vehicles are also likely to become more intelligent through increased digitalization enabling next-level service offerings, such as autonomous trucking.

"Trucks are the backbone of global supply chains and Siemens will help Daimler Truck to chart the future of carbon-neutral transportation", said Cedrik Neike, Member of the Managing Board of Siemens AG and CEO Digital Industries. "Daimler Truck will build its carbon-neutral future using our leading technology platform, using our leading product engineering, lifecycle management and simulation tools."

Daimler Truck is taking a global platform approach, which means that the guiding principle of developing key components and vehicle platforms once and then scaling them globally across brands and markets is fundamental. To enable this, a cloud-based global collaboration and common digital engineering system platform is essential, so Daimler Truck chose Siemens as the technology and implementation provider to build this next-generation engineering digital environment.

Dassault Systèmes Collaborates with MapmyIndia Mappls to Design and Deliver Sustainable Cities & Public Services to Citizens of India

27 March 2023

Dassault Systèmes announced that it has joined hands with MapmyIndia Mappls (C.E. Info Systems Ltd.), India's leading digital map data, geospatial software and location based IoT technologies provider to deliver end to end value added virtual twin experience solutions for India's digital and resilient urban infrastructure development. Through this collaboration, Dassault Systèmes will cater to the customers – government and private companies – impacting some of the key domains like smart urban infrastructure planning and management, transportation, utilities management, public security, tourism and heritage, as well as conservation of natural resources. Dassault Systèmes' synergy with MapmyIndia Mappls will enable a unique blend of consulting and technology expertise, industry process skills and services, to deliver solutions for clients and act as a trusted advisor to design and develop a resilient, digital, and sustainable infrastructure for the future of cities in India. This approach will allow use of new age digital technologies for creating a bridge to understand the complex ecosystem of today's cities and empower to define the best policies for building a sustainable, energy efficient and safe ecosystem for future citizens of the country. This aligns well with the ongoing national programs and shall cater to the technology requirements ensuing from

various nation building projects like the Smart Cities Mission, Gati Shakti, National Rail Plan and the National Infrastructure Pipeline projects.

Dassault Systemes's **3DEXPERIENCE** platform can help to gather and organize consistent and comprehensive set of data to analyze, visualize, and simulate any situation, leveraging data from all departmental and governmental agencies as well as private third parties. It provides a collaborative, common and secure workplace where all stakeholders can access a holistic view of the entire urban ecosystem to ensure informed decision-making.

"MapmyIndia Mapps has been indigenously building and providing location intelligence and geospatial products, services and solutions, including its proprietary, unique and industry-leading digital map data product, since 1995 across industries and use cases, to the government, as well as to enterprises, new-age tech companies and app developers, automotive OEMs, and to consumers. MapmyIndia Mapps Maps are ready for Virtual Twin technology and use cases, with the most comprehensive, and high-definition, geospatial coverage in 2D, **3D**, 4D, HD and 360 degree, captured through advanced sensors, on-ground through moving vehicles and in the sky, including from drones, and processed, productized and published in near-real time using cutting-edge AI/ML, computer vision, data analytics and geospatial technologies. Dassault Systemes' globally benchmarked 3DEXPERIENCE platform and its solutions along with MapmyIndia Mapps' integrated platform of Virtual Twin-ready maps, technologies, solutions and services will precisely address any city's, and any infrastructure's, physical, social, and environmental challenges and transform and enable the way it plans, builds, and operates," said Rohan Verma, CEO and Executive Director, MapmyIndia Mapps.

"Our **3DEXPERIENCE** platform make it possible for cities to be viewed and analysed as ecosystems rather than separate entities and improve communication and services for citizens. Virtual twin experience on a collaborative digital platform is a game-changer for city planning. A future scenario can be modeled before its deployment in the real world. And what was deployed can continuously inform and improve the model thanks to a real-to-virtual/virtual-to-real feedback loop," said Deepak NG, Managing Director India, Dassault Systemes.

By connecting the ecosystem and fostering collaborative working across multiple stakeholders, cities can optimize infrastructure and resources while reducing their environmental footprint and CO2 emissions. They can focus on improving health, safety and environmental impacts for their citizens and engage with them proactively.

DHR Health Selects Infor to Connect Critical Operations in the Cloud

28 March 2023

DHR Health and Infor®, the industry cloud company, announced their new partnership to implement modern, cloud-based financial, supply chain, human capital, and workforce management applications.

Infor Human Capital Management provides a talent-focused solution that will help DHR Health strategically align people and talent to specific jobs to reduce turnover. Infor Workforce Management will provide tools to accurately schedule employees, particularly nursing

resources, based on workload and clinical need, then capture all worked hours and seamlessly deliver those hours to payroll.

DHR Health is a world-class health system based in Edinburg, Texas, and serving the Rio Grande Valley region. The system wanted a partner to better connect and automate the employee lifecycle. “We wanted to be able to make decisions faster, and with more confidence, through comprehensive integration and more effective reporting and analytics,” said David Moreno, DHR Health CIO. “The team at Infor was one of the most collaborative partners we spoke with, and they will be able to help us consolidate data and disparate sources, increase visibility and keep critical talent engaged and motivated. By moving daily operations to the cloud, we can more easily link people with business strategy, and better arrange and analyze key HR functions.”

DHR Health will also leverage Infor Clinical Bridge to connect to its electronic health records in support of streamlined patient care. Powered by the Infor Cloverleaf Integration engine, Clinical Bridge links clinical, financial, and operational systems to provide visibility across the continuum of care.

“We’re excited to partner with DHR Health to help them elevate collaboration through modern technology so that teams feel more involved, engaged, and confident in the data they are receiving to make more timely decisions,” said Matt Breslin, Infor executive vice president and general manager. “By removing administrative burdens that can contribute to nursing, clinician and back-office team burnout, and replacing these processes with user intuitive functions that make daily tasks easier or automated, we are able to help healthcare organizations create more meaningful connections between patients and their care teams.”

DXC Technology and Manchester United Foundation Launch Digital Futures Academy to Educate and Inspire Young People

28 March 2023

DXC Technology and Manchester United Foundation have launched the DXC Digital Futures Academy, a four-year education program for secondary-school students in the Greater Manchester area.

Developing key social and technical skills, the Academy strives to support and empower young people, connecting them to opportunities they may otherwise not have access to, enhancing their career prospects and shaping the future of work.

In the first wave, 50 students aged 12-13 years old will be selected for the four-year educational programme. They will be taught technology skills spanning a number of key areas including automation, big data, virtual reality, and security, as well as professional development skills.

The curriculum of the Digital Futures Academy has been co-created by DXC’s technology experts, Manchester United Foundation, and local teacher advisory groups. Together, they will use mentoring, personal development, and practical sessions to build the social leaders of the future. At the end of the program, students will be supported with pathways into further education, colleges, apprenticeships, and employment.

“We are proud to partner with Manchester United Foundation to use our technology skills to drive positive impact in local communities,” said Mary Finch, Executive Vice President, and Chief Human Resources Officer of DXC Technology. “With the Digital Futures Academy, our colleagues will use their energy, passion and technical expertise to educate and inspire young people in their academic and professional journeys.”

“This project is a year in the making and we are witnessing the start of an initiative that will demonstrate a long-term commitment to the 50 young people involved,” said John Shiels MBE, Chief Executive of Manchester United Foundation. “It demonstrates real collaboration between ourselves, teachers and DXC and it is hoped that, by the end of the four-year programme, all involved will be in a position of choice as to what their adult pathway may look like.”

In addition to being Manchester United’s Digital Transformation Partner and Principal Shirt Sleeve Partner, DXC is the Presenting Partner of Manchester United Foundation. In this role, DXC is focussed on using technology to educate and inspire a new generation of STEM students. DXC and Manchester United Foundation will work closely with local government authorities, including Manchester City Council, to support the city in its mission to become a technology powerhouse. By introducing the students to key skills required in the technology sector, the Academy will help build a future pipeline of local digital talent.

“Manchester has one of the most significant digital and creative sectors in Europe. The opportunities for talented young people with tech skills are growing all the time,” said Cllr. Bev Craig, Leader of Manchester City Council. “The Digital Futures Academy is perfectly aligned with our strategy of supporting our young people, especially those who might not previously have seen the benefits of such opportunities, to get equipped with the skills they need to succeed in key growth sectors in a thriving and inclusive economy.”

The Digital Futures Academy is one of a number of social impact initiatives that DXC is running globally. In October 2023, DXC announced the expansion of its DXC Dandelion Programme helping neurodivergent individuals to build careers in the IT industry.

Schools taking part in the Digital Futures Academy include:

1) Stretford High School, 2) Great Academy Ashton, 3) Middleton Technology School, 4) Manchester Academy, 5) Whalley Range 11-18 High School, 6) Levenshulme High School

Hellenic Bank Selects LTIMindtree as a Strategic Sourcing Partner in its Transformation Journey

28 March 2023

LTIMindtree, a global technology consulting and digital solutions company, has announced that it has been selected as the strategic sourcing partner by Hellenic Bank, a leading financial institution in Cyprus. This engagement will enable Hellenic Bank to meet their resource capacity demands in an efficient and timely manner.

Hellenic Bank is one of the leading financial institutions in Cyprus providing businesses and individuals, a full spectrum of banking products and services. Through this partnership,

LTIMindtree will help transform Hellenic Bank's core business, and enhance its data and analytics and process excellence implementations.

"This engagement is key to our ability to deliver an enhanced customer experience, streamline our operations and build a sustainable bank leveraging the power of data and next generation technology. The partnership with LTIMindtree is catalytic to the delivery of our transformation plan in terms of providing us with specialized resource capacity in a highly digital environment. We wish for a successful partnership and towards this end we are happy to see clear commitment on behalf of LTIMindtree and the bank alike", said Oliver Gatzke, Chief Executive Officer, Hellenic Bank.

"We are excited to partner with Hellenic Bank in their strategic transformation journey," said Srinivas Rao, EVP & Chief Business Officer, LTIMindtree. "By blending our extensive industry experience and advanced data and analytics capabilities, we look forward to accelerating Hellenic Bank's transformation program and enabling them to achieve their strategic goals of becoming a client centric and technology driven bank", he added.

Holly Yashi Rings in Digital Transformation with Centric PLM

30 March 2023

Centric Software®, the Product Lifecycle Management (PLM) market leader, is pleased to announce that Holly Yashi, a handcrafted jewelry company, has selected Centric PLM® for their business. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source and sell products such as apparel, footwear, sporting goods, furniture, home décor, consumer electronics, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

Holly Yashi was founded in 1981 by then recent college graduates Holly Hosterman and Paul "Yashi" Lubitz, who combined their talents to hand design unique, quality jewelry. That tradition continues to this day in Holly Yashi's 15,000 square foot Redwood Coast design studio in Arcata, California, and all aspects of the business are maintained within the U.S. While the company has expanded to 50 people, they continue to focus their jewelry designs on niobium, the lightweight metal with exceptionally colorful properties that is the brand's signature. Sales are wholesale to about 400 accounts, DTC via e-comm and a physical storefront.

As a small operation that began in a garage and grew over the years, technology came along in pieces over time. Mindy Adams, Project Manager at Holly Yashi says, "The different departments—accounting, marketing design, sales—we're all making our own charts and spreadsheets. Sometimes a product name gets changed on the marketing side but it doesn't get changed in design. So everybody has different information." Having spent time in the apparel business in design and product development, Adams knew that bringing PLM in was the way to "have one source of truth where anybody can go in and easily access all the information and not have to update several different charts."

Holly Yashi has about 800 SKUs in jewelry alone, launching 20 – 40 pieces each season. They needed a place to house the institutional knowledge that is essential for a company to run when people move on. Adams says, "Managing history is another advantage of PLM. Some of

our top sellers were actually developed in the early 2000s, some even in the 90s. But to find where that piece originated, we don't have that big source of record-keeping that PLM can offer. It could be in a binder or a physical notebook somewhere."

Holly Yashi approached several PLM providers but put Centric Software at the top of the list due to the resounding recommendations from other companies. Adams remarks, "we talked to Centric first because they are like the Lamborghini of PLM systems! We were wowed by what Centric could offer. And when we did look at some others, we were kind of concerned about going with a vendor that just dabbles in a lot of different things."

Holly Yashi has high expectations for Centric PLM once it is implemented. Adams runs down the list, "Improved efficiency, time management, control over what we're producing. To know pricing, what components, what metals we're using."

The Holly Yashi team is looking forward to the fact that information can be pushed from PLM to their website. Adams explains, "We often use Dropbox for photos, but we have so many photos that we have to remember, what photo or what item was dropped? And maybe, where else does that photo live? So, we really like that Centric PLM can house all that information." She calls out the departments that will be active in PLM, "Marketing will be using it, of course design, because they're the early development process. Production, our sourcing department, and we'll probably have our data team pulling information as far as looking at what sells."

Adams says, "We're all excited here about Centric. Our company is also big on agile, and we know that Centric really promotes the agile workflow. Centric is very systematic with how they're helping us through the implementation process, it's very clear, it's very easy to follow."

President and CEO of Centric Software, Chris Groves says, "We are so pleased that Holly Yashi, with over 40 years of history, has chosen to trust their business to Centric PLM. Their operations are a little different than the mass production environment of the apparel world, but I am happy to note that Centric PLM is perfectly adapted to serve their needs to a T as well."

L&T Technology Services celebrates 15 years of valued collaboration with Eaton; To expand engagement in Sustainability, Smart Products.

28 March 2023

L&T Technology Services Limited, a leading global pure-play engineering services company, announced the completion of 15 years of valued collaboration with Eaton, a leading global power management company with operations across 175 countries. Through the years, LTTS has provided diverse ER&D solutions and services in Product Development, Smart Platform adoption and supporting overall digital transformation.

LTTS & Eaton each have commitments to a greener future, and healthier tomorrow. LTTS will continue to provide support to Eaton around projects related to Sustainability, Digital Products, and also leverage its new offerings in Communication & Security space.

Luiz Huet de Bacellar, Vice President, Engineering and Technology – Electrical Sector, Eaton, said, "LTTS is a valued engineering partner for Eaton as we grow our digital transformation

initiatives. We appreciate their global delivery model and innovative offerings, and we look forward to a continued collaboration.”

Abhishek Sinha, Chief Operating Officer and Board Member, L&T Technology Services said, *“The LTTS-Eaton partnership is going strong for over a decade and a half. We are leveraging our industry-leading ER&D expertise along with our sustainability offerings to provide new edge solutions for Eaton helping them accelerate the planet’s transition to clean and renewable energy. The expansion of our continuing engagement is a testimony of continued customer confidence in our capabilities to ramp up our sustainability-focused initiatives for the benefit of our stakeholders and society.”*

Migatronic starts 2023 with an upgrade of LOGIA

27 March 2023

With the aim of further increasing efficiency, Migatronic has completed its second major upgrade of the LOGIA warehouse management system.

Since 2018, the warehouse management system LOGIA has controlled and coordinated both manual and automatic warehouse processes at the production company in Fjerritslev, Denmark. With the latest upgrade, Migatronic can benefit from the system’s latest functionalities and at the same time gain more space in the database.

The LOGIA solution at Migatronic includes management of several manual storage areas, management of two storage automats, management of logistics and material flow to production, and integration to M3.

The recent upgrade, which went live on February 28, supports efficient production and ensures on-time delivery, which is a key pillar for Migatronic.

Old Edwards Inn and Spa Partners with Infor to Provide Superior Guest Experiences

30 March 2023

Infor®, the industry cloud company, today announced that Old Edwards Inn and Spa, a European-style resort nestled in North Carolina's Blue Ridge Mountains, has selected Infor to simplify its hotel management and revenue management functions. Implemented across all three of Old Edwards Hospitality Group’s properties, Infor’s cloud-based hospitality-specific applications will deliver faster turnover, higher profit margins and a more tailored guest experience. Additionally, Old Edwards will be able to reduce manual processes, obtain a clearer picture of who guests are via integrated guest profiles to inform better communications, and provide real-time visibility and intuitive processes to support staff and the guest experience.

“The Infor team understood that at the center of our successful operation are our guests, and, as our technology partner, their solutions will be able to hone in on what really matters to our organization – from revenue management to personalizing the guest experience. We ultimately chose to partner with Infor because of the company’s expertise in the hospitality industry and ability to provide a full suite of products for our current and future needs,” said Brian Crook, general manager at Old Edwards. “By modernizing our operations, we will have the tools

necessary to understand market demand and customer behavior to react quickly to changing conditions and manage the hotel more efficiently. Automating our front- and back-office operations will empower our teams with real-time data to make informed decisions, and ultimately make our guest interactions more seamless and memorable.”

Infor EzRMS is a powerful hotel revenue management software solution that automatically calculates demand and revenue forecasts, while recommending appropriate selling strategies. Deep-learning algorithms dynamically recognize patterns to ensure optimal and accurate business forecasts, pricing, and selling strategies to maximize yield and profit. In addition, Infor Hospitality Management Solution (HMS) is a hotel property management system (PMS) built in the cloud to consistently meet and exceed modern guest expectations. With Infor HMS, hospitality organizations can better manage operations, deliver exceptional guest services, and provide a rich experience for all. The solution provides scalability that can help meet present needs, along with whatever the future brings.

“Infor understands the challenges our customers in the hospitality industry face, and can be a true partner to them, providing a suite of applications designed specifically to meet the unique requirements of the hospitality industry,” said Joe Vargas, Infor vice president and general manager. “We are excited to partner with Old Edwards Inn & Spa and provide them with data they can trust so they can seamlessly unify all locations to achieve a higher vantage point for growth, planning, and profitability across the whole organization as well as improve day-to-day operations for staff so they can focus more on guest interactions.”

Polish manufacturer KAN selects IFS to support global expansion and streamline supply chain

30 March 2023

IFS, the global cloud enterprise software company, announced that leading Polish provider of water, heating and technological installations sold under the KAN-therm brand has purchased the IFS Cloud ERP software solution as it looks to provide higher-quality products and services to customers by standardizing processes, streamlining its supply chain and responding faster to changing market needs.

KAN has initially selected to focus on six IFS Cloud functional modules: finance, controlling, HR, payroll, production, supply chain and customer relationship management (CRM). In the first wave of the deployment, the solution will be rolled out to 700 users across six countries worldwide.

The decision to implement IFS’s software comes at a time when KAN is strengthening its position and preparing to enter new, non-European markets.

It identified IFS Cloud as a solution capable of scaling to meet to the needs for its rapid expansion which includes building new factories. The IFS software will also enable the construction provider to access real-time data, streamline reporting and consolidate its application architecture.

Lukasz Urbaniak, Group CIO KAN, says: “With IFS’s solution, we have the opportunity to streamline every aspect of our business into a single cloud-based platform. That will be critical in driving efficiencies and accelerating the process of expanding into international markets. Added to this, the expertise and professionalism that the IFS team have demonstrated since they started engaging with us has given us complete confidence in the deployment team and that IFS Cloud will meet our business needs.”

In addition and to maximize longer term value realisation, KAN has signed up for IFS Success Services, a long-term co-operation model that helps ensure continuous value is delivered over time and with each update supporting the company benefiting from an evergreen approach.

Marek Głazowski, Poland and Eastern Europe, Managing Director, IFS, says: “KAN concentrates on meeting customer needs through a focus on innovation and the delivery of high-quality products and services, while optimising energy usage and supporting sustainable eco-friendly construction practices. IFS is committed to delivering the advanced ERP capabilities and domain expertise that KAN needs to meet this twin challenge today.”.

Roima Intelligence Completes Rapid Implementation of eProcurement Solution for Western Uusimaa Wellbeing Services County

29 March 2023

The Western Uusimaa Wellbeing Services County, located in the Western Uusimaa region of Finland, has recently taken on the responsibility of providing health, social, and rescue services, as well as school psychologist and social services, to residents of 10 cities and municipalities.

As of January 1, 2023, the organization has been up and running, serving the communities of Espoo, Hanko, Inkoo, Karkkila, Kauniainen, Kirkkonummi, Lohja, Raasepori, Siuntio, and Vihti.

The establishment of this new organization posed a significant challenge: they needed to find a solution for procurement that would enable them to manage their resources efficiently and effectively. This included thousands of users who required an online solution for ordering goods and services, as well as automated invoice processing, 3PL warehouse management, and bookkeeping automation.

To address these needs, the Western Uusimaa Wellbeing Services County conducted a public tendering process in the summer of 2022, seeking a user-friendly and easily integrated eProcurement solution. Roima Intelligence was ultimately awarded the contract and set to work implementing a system that would allow users to view and select products and services, get approval from supervisors, and automate the invoice-matching process.

In a remarkable feat, Roima Intelligence completed the first phase of the implementation project in just four months, enabling the Western Uusimaa Wellbeing Services County to go live with the new eProcurement system in January 2023. With this solution in place, the organization is poised to streamline its procurement processes, reduce costs, and increase transparency and accountability.

What is eProcurement?

eProcurement refers to the process of using electronic methods to conduct procurement activities, such as sourcing, procurement planning, bidding, and contract management. It involves the use of technology to automate procurement processes and reduce the need for manual intervention.

eProcurement systems typically include a variety of tools and applications, such as electronic tendering, e-auctions, supplier management, contract management, and invoice automation. These systems can be used in both the public and private sectors to improve the efficiency and effectiveness of procurement activities, reduce costs, and increase transparency and accountability.

Overall, eProcurement can help organizations streamline their procurement processes, reduce paperwork and manual tasks, improve compliance, and risk management, and increase access to a larger pool of suppliers, which can lead to better prices and higher-quality goods and services.

Simulations Plus Enters New Strategic Collaboration to Discover Anticancer Therapies Through Its AI-Driven Drug Design Technology

28 March 2023

Simulations Plus, Inc., a leading provider of modeling and simulation software and services for pharmaceutical safety and efficacy, announced that it established a strategic research collaboration with the Sino-American Cancer Foundation (SACF). This collaboration will leverage Simulations Plus' staff and Artificial Intelligence-driven Drug Design (AIDD) technology in the ADMET Predictor® software platform to support the discovery and design of novel inhibitors of methylenetetrahydrofolate dehydrogenase 2 (MTHFD2), an emerging cancer target.

Per the terms of the collaboration, Simulations Plus will develop quantitative structure-activity relationship (QSAR) models for efficacy against MTHFD2, using information from SACF as well as academic and patent literature. The biologists, computational and medicinal chemists in the Early Drug Discovery Services team at Simulations Plus will work with the researchers at SACF to define the multi-objective parameters against which the lead molecule(s) will be optimized. The new AIDD Module in ADMET Predictor® will then be employed to generate libraries of virtual compounds that are optimized for potency and other chosen parameters. The teams will select promising candidates for synthesis and testing, and ensuing rounds of QSAR model building and AIDD optimization will be performed until the milestone criteria in the collaboration agreement are achieved.

“We value the trust and confidence SACF has in our team and AI technology to complement and accelerate conventional drug design and lead optimization processes,” said Dr. Jeremy Jones, Principal Scientist at Simulations Plus and project lead. “By combining their drug discovery expertise with our algorithmic and data science know-how, we are confident we will successfully support their hit-to-lead target development activities.”

As part of this agreement, SACF will provide upfront funding to Simulations Plus to design a set number of compounds for efficacy against MTHFD2 which will be exclusive to SACF. Subsequent milestone payments will be made as key research and development goals are met.

“SACF has had an active interest in AI for de novo design for some time, and we have found a trusted partner in Simulations Plus to help us integrate this into our research,” added Dr. Frank Luh, CEO of SACF. “Scientists from the two organizations will work side-by-side to combine SACF’s data with all that Simulations Plus offers to identify the next generation of compounds that could help in the treatment of cancer.”

John DiBella, SLP Division President, said, “The Early Drug Discovery Services offering at Simulations Plus is tailor made for this type of partnership, where our team of experts, including computational, medicinal, and cheminformatics specialists, provide end-to-end AI-driven drug discovery and optimization support to complement the SACF team. Simulations Plus continues to invite future collaborations which benefit organizations and, most importantly, the global communities we serve.”

United Nations Development Programme Collaborates with Infosys Public Services to Implement Oracle Fusion Cloud Applications Suite

23 March 2023

United Nations Development Programme (UNDP) and Infosys Public Services (IPS), a US-based subsidiary of global next-generation digital services and consulting leader Infosys announced the successful deployment of UNDP’s Quantum Global Digital Management System. Quantum, based on Oracle’s Fusion Cloud Applications Suite, provides a unified and seamless platform for all UNDP business functions including human capital management, financials management, supply chain management and enterprise performance management for eight agencies of the United Nations with a user base of over 50,000 across 170 countries.

The new platform replaced all legacy systems, providing a simplified digital landscape with features like Intelligent Dashboards, AI/automation, and many self-service capabilities that transform operations and the way UNDP engages with partners, suppliers and personnel. Quantum’s improved data control and high degree of digital end-to end process integration will lead to improved data quality and better decision support systems. In addition, UNDP will benefit from enhanced usability and end user adoption through a modern, multi-lingual and accessible user experience.

UNDP’s new digital core, largely enabled by Quantum, is one of the enabling pillars of its digital transformation strategy. This platform delivers improved results tracking, fully integrated risk management capabilities, additional automated controls and a new digital self-service platform for personnel, partners and suppliers. With the new platform, many lower-value tasks have been simplified and automated enabling the organisation to shift its focus to more strategic tasks, resulting in a continued boost in productivity.

Sylvain St-Pierre, Chief Information Officer, UNDP said “Digital technology will allow us to rapidly evolve with the ever-changing development needs of people and our planet. Our

previous systems were difficult to change and often made it challenging to adapt to changing global development needs and world events. This new digital core represents a quantum leap forward that enables UNDP with a modernized, integrated platform, allowing for truly transformative digital capabilities combined with a first-rate digital user experience. Quantum, our new digital corporate management system implemented with Infosys Public Services, underpins a #FutureSmart UNDP that leaves no one behind.”

Steve Miranda, Executive Vice President, Applications Development, Oracle said “With a physical presence in 177 countries around the world, the UN Development Programme operates at massive scale. Using Oracle Fusion Applications for finance, HR, and supply chain will help UNDP to consolidate systems and embrace automation to increase efficiency and ultimately use less resources to deliver more value to its global constituents. We’re proud to be working with Infosys Public Services to help UNDP optimize its processes and better deliver on its critical global mission.”

Bhanu Prasad Narayana, Interim CEO and AVP, Infosys Public Services, said, “We have been proud partners of UNDP since 2013 and are thrilled to have the opportunity to move UNDP into the cloud era. Oracle Fusion Applications provide UNDP and its partner agencies with a complete suite of SaaS applications, and we are proud that IPS delivered the program on schedule, with zero disruptions, even amid the pandemic. Our comprehensive Oracle Cloud solutions and capabilities, and the power of Infosys Cobalt offerings are enabling us to accelerate cloud transformation priorities for our public sector clients and help deliver exceptional outcomes.”

Quantum aligns with the Digital Strategy of the United Nations Development Programme and sets the stage for continuous improvements. UNDP and IPS implemented the Quantum system in line with guidance offered through Infosys’ Oracle Cloud methodology that has been implemented for several Fortune 500 organizations globally.

Product News

Conduit Releases New Version and Raises Seed Round to Fuel Growth in the Electrical Industry

28 March 2023

Conduit®, a modern platform for electrical design, analysis, and collaboration, announced the raising of its series seed funding round. The fully subscribed round raised new capital to fuel the company’s next phase of growth.

The round was led by [C2 Ventures](#), a Greenwich, Connecticut-based venture capital firm specializing in “Dirty, Dull, and Dangerous Vertical Markets”. The lead investment team was joined by Atlanta-based [Overline](#), Birmingham-based [Alabama Futures Fund](#), [Alabama Power](#), Techstars, and several angel investors. Funds will be primarily allocated across product development, sales, marketing, and customer success to accelerate market penetration and expand deployments within existing accounts.

“Conduit is developing software to rapidly accelerate and standardize processes in the electrical industry. The platform will be a critical tool for the industry to tackle the wave of electrification we’re going to see over the next decade and into the future,” said Chris Cunningham, Founder & Managing Partner at C2 Ventures. “We are excited to partner with an innovative team helping to drive the industry forward.”

According to Josh Bone, the Executive Director at ELECTRI International, “Conduit is a game changer. By utilizing their technology, electrical contractors are able to simplify complex tasks involved in calculating a facility’s electrical system capacity. The latest announcement from the White House has the country’s energy efficiency programs and EV charging infrastructure primed for exponential growth and our ability to quickly understand electrical service constraints helps contractors make go/no go decisions when it comes to installation.”

Conduit has developed a mobile-first application that specifically helps electrical contractors collect information about existing infrastructure at a site, design new infrastructure, and collaborate with industry peers such as engineers and electrical equipment distributors all in real time.

“The last 12 months have been a roller coaster, but in the summer of 2022 we found a lot of traction and interest in the EV charger and solar installation industries exploding all over the country,” said Ian Hoppe, Founder and CEO of Conduit. “Conduit is laser-focused on addressing the challenges electricians will face when moving from manual to digital processes, whether that is reducing the time it takes to complete day-to-day work, managing supply chain issues, or collaborating with subcontractors, manufacturers, and facility owners to support all of the upcoming infrastructure changes. With this new funding secured, we are hiring a team to continue building out the product and providing education on the benefits of mobile and web applications to support the electrical industry.”

Datakit expands its range of data exchange solutions with a new converter dedicated to NavisWorks

28 March 2023

This converter allows you to import a project designed with NavisWorks either to view it or to rely on its data to go further in the operational management of a building, a factory or any other study currently being done.

It meets the needs of construction professionals to carry out dimensioning computations and determine the best possible construction method and generally all stakeholders who wish to monitor a project.

According to Datakit, NavisWorks underlines the path of interoperability across design, BIM and project management it has always defended since its creation in 1994.

With its converter, you will import a NavisWorks project to view it in your available software. You will retrieve a complete scene in an instant and be able to leverage design data, geometry, colours and textures, as well as components (with their exact placements in the project) and

the appropriate units of measurement regardless of the origin of the project. All of this, without requiring a NavisWorks license.

The converter also takes into account the way NavisWorks manages compression and respects instantiation and tessellation features.

Thus, Datakit completes its range of data converters dedicated to Autodesk software solutions with a native NavisWorks data reading tool and further strengthens its presence as an interoperability facilitator with BIM professionals and their partners.

Datakit has been offering converters for Autodesk REVIT BIM software or the IFC (Industry Foundation Classes) format for several years and guarantees compatibility with the latest versions of software products but also with their previous versions.

Version V2023.2 of Datakit converters is scheduled to be delivered at the beginning of April, it will include performance optimizations, particularly for these two BIM formats.

EPLAN Data Portal Update 02 March 2023

23 March 2023

436 manufacturers and more than 1,420,000 data sets are available with the update March 23, 2023.

New manufacturer catalogs

- Adamczewski Elektronische Messtechnik GmbH – 65 new data sets with input isolators and power value transformers
- Fagor Automation, S. Coop. – 21 new data sets with converters and PLC
- Kyowa Europe GmbH – 10 new data sets with converters, motors and PLC

Updates and new data

- Balluff GmbH – 74 new and 104 updated data sets with electrical engineering – special items, field distribution devices, sensors, switches and pushbuttons, PLC and voltage sources and generator
- Banner Engineering Corporation – 1,092 new data sets with lights, signal devices, switches and pushbuttons
- Baumer Holding AG – 4 new data sets with sensors
- Bosch Rexroth AG – 715 new data set with valves
- DEOS Aktiengesellschaft – 52 new data sets with PLC
- Euchner GmbH + Co. KG – 111 new data sets with sensors
- Getriebebau NORD – 133 new and 310 updated data sets with converters
- ifm electronic gmbh – 18 new and 2,570 updated data sets with generals, connection splicers/ line connectors, PLC, sensors, switches and pushbuttons, transmission paths and voltage source and generators

- K. A. Schmersal GmbH & Co. KG – 16 updated data sets with relays
- Kuhse Power Solutions GmbH – 2 new data sets with special items
- Leuze electronic GmbH + Co. KG – 26 new data sets with sensors
- Mitsubishi Electric Corporation – 206 new and 190 updated data sets with protection devices
- Pilz GmbH & Co. KG – 104 updated data sets with cables, sensors, switches and pushbuttons, PLC and plugs
- Rittal GmbH & Co. KG – 12 new and 721 updated data sets with accessories, enclosures and housings
- Schneider Electric SA – 6 new data sets with PLC
- SEW Eurodrives – 162 new and 112 updated data sets with converters
- Sick AG – 1 new data set with a sensor
- SMC Corporation – 20,881 updated data sets with actors
- WAGO GmbH & Co. KG – 82 new and 74 updated data sets with terminals and voltage sources and generators
- Weidmueller Group – 132 new and 862 updated data sets with contactors, miscellaneous, relays and terminals
- Wöhrle Stromversorgungssysteme GmbH – 28 new and 1 updated data sets with voltage sources and generators

Summary

- 3 new manufacturer
- 23 updated manufacturer
- 2,885 new data sets
- 25,981 updated data sets
- 1,823 deleted data set
- 5,315 new parts with EDS
- In total 803,696 parts with EDS
- In total 284 manufacturers with EDS parts
- In total 1,422,944 data sets live in EDP

FMI 3.0.1 Release Candidate 1 is ready for review

23 March 2023

The release candidate 1 for FMI 3.0.1 is ready for final review:
<https://github.com/modelica/fmi-standard/releases/tag/v3.0.1-rc.1>

According to the recently approved procedure for the release of maintenance release of MA standards, now a 4-week inspection period starts and will last until April 22. In the last week of the inspection period, only editorial or typographic changes are allowed. In case of findings, please open an issue on <https://github.com/modelica/fmi-standard>. If there are no blockers detected, the FMI Project will release FMI 3.0.1 afterwards.

Gamma Technologies is Pleased to Announce that GT-SUITE v2023.1 is Released!

29 March 2023

We're excited for you to discover all that v2023.1 has to offer including:

New Aftertreatment Solution: GT-xCHEM

We are excited to announce the launch of our new product, GT-xCHEM, that powers innovations in new technologies targeted for cleaner emissions of next generation ICE vehicles. GT-xCHEM unifies the best-in-class capabilities of exothermia suite and GT-SUITE for exhaust aftertreatment, evaporative emissions, chemical systems solutions, and delivers new capabilities essential for the development of regulatory compliant emissions systems. If you are an existing user of GT for aftertreatment applications, we encourage you to reach out to your GT account representative to learn more about the transition to GT-xCHEM.

Faster Battery Models, Deployed on HiL

With new options to build reduced-order physical battery models, GT-AutoLion can simulate years of battery performance and aging within minutes, on your desktop or deployed on a Hardware in the Loop (HiL) machine.

Electric Motor System Design

Complete 2DFE electric motor system design and multi-physics analysis is now possible with the FEMAG toolset, all available within our GT-FEMAG product.

Improved Vehicle Route Mapping Extended to Web Interface

Vehicle routes mapped in GT-RealDrive can now consider road elevation (even in tunnels and on bridges), traffic lights and stop signs, and truck specific routes. Integration into GT-Play offers an easy-to-use web interface accessible on any connected device, extending the power of vehicle simulation to the whole enterprise.

Ready to Learn More About v2023.1?

If you are a GT customer, please download the new features document to learn more.

Global Medidata Certification Model Helps Rave EDC Study Builders Create New Value for Their Companies

27 March 2023

Medidata, a Dassault Systèmes company, launched Rave EDC Certified Study Builder certification, a new offering in its global education program for study build and study management professionals. The Rave EDC Certified Study Builder Program offers a guided learning path to certification for new and existing Rave study builders, and includes core skills and applied skills assessments.

“The Medidata Rave EDC Study Builder certification program opened up new possibilities for our work,” said Sowmiya Kumaravadivel, Clinical Data Programmer at Amencs. “I now have a better understanding of the different options available during study build and the different access each end user can have when working in Rave EDC.”

Chidi Lawrence, Clinical Data Manager at Amencs added: “After completing the new Medidata certification program, I feel more confident in my study building and understanding of the build specifications sent to me from our clients. My colleagues now contact me as a Subject Matter Expert since I became a Rave EDC Certified Study Builder.”

Study builders can expect a guided learning path, including:

- an instructor-led prep course to facilitate successful certification
- an abbreviated path enabling Classic Rave Certified Study Builders to upgrade their certification without the need to retake core Rave EDC training

Study Builders then complete an expanded core skills exam and applied skills assessment using a mock study build. Successful completion ends with a digital badge recognizing proficiency in Rave EDC study design and build, clinical view data settings, clinical view data review, and the use of Rave Reporter.

“This new certification provides study builders with the skills they need to create ever more complex studies while decreasing study start-up times and mid-study changes,” said Joe Schmidt, EVP and head of Customer Services at Medidata. “Our certification program sets a standard within clinical research ensuring research professionals are working in the most efficient manner when using Medidata products and services in support of their goals to bring speed and accuracy to clinical trials.”

Medidata certification programs have been completed by more than 580,000 clinical trial experts on six continents and in 190 countries representing nearly 100 companies.

Medidata is a wholly owned subsidiary of Dassault Systèmes, which with its 3DEXPERIENCE platform is positioned to lead the digital transformation of life sciences in the age of personalized medicine with the first end-to-end scientific and business platform, from research to commercialization.

Infor and HARMAN Announce Strategic Partnership on Healthcare Delivery

27 March 2023

Infor®, the industry cloud company, and HARMAN International, a wholly-owned subsidiary of Samsung Electronics Co. Ltd., announced a global strategic partnership that will allow healthcare and life sciences organizations to modernize their data platforms, strategies, and roadmaps through customer-centric services and solutions. HARMAN, through its Digital Transformation Solutions (DTS) business unit, and Infor, will deliver a jointly developed integrated healthcare platform — built on the cloud — that will help industry clients seamlessly transform data, analytics, intelligence, and governance functions in a secure, cost-effective, and privacy preserving manner.

“We are confident the partnership will help our clients streamline data and deliver insights that can improve patient and clinical outcomes for operational efficiency and effectiveness,” said David Owens, senior vice president, Digital Transformation Solutions at HARMAN. “Output from the HARMAN Intelligent Healthcare Platform and Infor Cloverleaf® Integration Suite output will be integrated back into existing applications and workflows to effect positive change within the healthcare environment. By working with esteemed partners like Infor, HARMAN can deliver business impact through integrated, creative connected solutions.”

Infor, with a 30-year history of modernizing technology for healthcare businesses, will support the HARMAN Intelligent Healthcare Platform (IHP), a data integration platform and ETL (extract, transform, and load) tool. Through the Infor Cloverleaf Integration Suite, HARMAN artificial intelligence and machine learning (AI/ML) algorithms securely process both structured and unstructured data extracted from databases, interface engines, and CDA XML (clinical document architecture extensible markup language) documents. The HARMAN IHP output is then integrated back into existing provider systems (e.g., electronic health records (EHRs), etc.) to offer a host of benefits including predicting readmission or attrition risks, providing transparency into payer systems to help predict and detect claims fraud, and assisting with intelligent document processing. The integration also enables enhanced video monitoring, allowing one nurse to monitor multiple patients beyond vitals; this includes unusual movements (i.e., spasms post-surgery). Pharmaceutical, life sciences, and biotechnology organizations can also use the HARMAN IHP and Infor Cloverleaf Integration Suite to process real-world evidence data critical to clinical trials management. One key benefit of the HARMAN IHP integration with the Infor Cloverleaf Integration Suite is that all output can be seamlessly integrated back into existing applications and workflows.

“Healthcare organizations face continued pressure to operate faster and more efficiently, while simultaneously needing to find new and innovative ways to digest and interpret data to create better patient outcomes. It’s paramount that healthcare organizations manage information, maintain confidentiality, integrity, privacy, and security, uphold high levels of encryption, and then make that data available in digestible formats. This would be impossible without modern technology solutions,” said Jeff Mueller, Infor vice president. “This new partnership is all about healthcare innovation: Infor’s wealth of industry knowledge and perspective plus HARMAN’s acumen and reputation for developing cutting-edge technology.”

Machine Cabling Made Easy – With the Digital Twin

29 March 2023

Finding the right cables, planning, designing and plotting their routing for assembly? Until now, this has been a very laborious process for electrical design engineers in machine building. Solutions provider EPLAN has now expanded its 3D software EPLAN Harness proD to cover the practical requirements for machine field cabling. What’s long been standard in the mechanical environment is now moving into electrical engineering – the digital twin of the cabling. Depicted in EPLAN Harness proD, this unique product data source is usable in manufacturing, assembly and even service and maintenance – by combining electrical and mechanical engineering. The common device database for the EPLAN systems ensures an unambiguous

source for all the data. One clear advantage in practice is that every designer can work in their own way, each with their own view of the machine in question: mechanical engineering continues working with assemblies and electrical engineering with functions.

System-supported designing and routing of cabling pathways

The process for cable planning is incredibly simple. The electrical engineer plans the necessary cables in the schematics using EPLAN Electric P8. She then, almost in passing, defines the required devices for the cabling designs in EPLAN Harness proD. This where the decisive advantage in the process become clear: the common device databank for all the EPLAN systems, a consistent, uniform source of data. After that, she links the electrotechnical project with Harness proD and imports the 3D geometry from mechanical engineering into the cabling tool. With all this information, the external equipment is placed into the 3D environment, cabling pathways are defined with system support, and the cables are then routed. Once all devices and cables have been introduced, the designer receives a digital twin of all the cabling. This twin now has a dual effect: it can be provided to the mechanical design team as a 3D assembly, or be transferred to the electrical engineering team with the added cabling information.

Prototyping – virtual is better than physical

What only first becomes apparent after the physical prototype is built (when using tradition working methods) becomes visible much earlier using this more integrative process. Changes, for instance when creating the prototype, can be handled with just a few mouse clicks in the program. An actual physical prototype from manufacturing isn't required at all. The digital twin is the medium for collaboration in engineering or even for starting constructive dialogues with clients – whether it's during the specification phase, the development phase for design reviews, or even for marketing purposes. Here's an overview of just some of the advantages:

- Complete EPLAN project (the single source of truth)
- Transferring the digital twin to mechanical engineering
- Complete bills of materials, including cable lengths for electrical engineering
- Cable assembly drawings for special cables that must be produced to spec
- 3D HTML viewer for assembling and servicing

New version has more functions for cable routing

With the current 2023 version, users now have access to all devices in the electrical engineering category as part of device management in the EPLAN Platform. Data from motors, connectors, cables and so on are available in full. This central overview of devices facilitates managing the master data. If a control cabinet of some sort (from EPLAN Pro Panel) is integrated into the machine, all the components and their connection information can also be easily transferred. This forms the exact starting point for field cabling. Another example is planning cable routing. Even now, in Version 2023, cable ducts, energy chains and cable trays can also be used for cable routing. No matter if the mechanical engineer is the person who designs them, the electrical

engineer always knows precisely if the cables will fit through the intended pathways and the exact lengths required.

MariaDB's New SkySQL Release Reimagines How Companies Control Cloud Database Spend

30 March 2023

MariaDB plc announced the immediate availability of a new release of MariaDB SkySQL, a second generation cloud database service. SkySQL offers fully managed databases including its flagship distributed SQL product MariaDB Xpand for maximum resilience and scalability.

The release brings new innovation that lets organizations better manage their cloud database costs. SkySQL now enables autoscaling, which scales resources when demand surges and back down when demand normalizes to save costs. SkySQL also introduces serverless analytics to uncover insights on all current data without the need for ETL and all while paying for only what is used.

Cloud database services offered by public cloud vendors were the first to bring open source databases, such as MariaDB, MySQL and PostgreSQL, to the cloud over a decade ago. These first generation cloud databases emphasized convenience and price, however, today's world requires extraordinary resilience, elasticity and performance. Accelerated by the pandemic, at an unprecedented level, people have come to expect more from the services and applications they rely on every day – whether it's travel related, buying tickets to a concert, banking and more. Second generation cloud database services combine deep database expertise and cloud-native technology to run across clouds and achieve unstoppable performance.

“At our heart, we are a database company,” said Jags Ramnarayan, SVP and SkySQL general manager at MariaDB plc. “We take that deep-rooted experience and knowledge to offer a cloud database service that is tuned and optimized for the most rigorous of situations. SkySQL brings hard-hitting capabilities such as distributed SQL with our Xpand database and we make it incredibly easy to operate, monitor, run analytics and scale elastically, all while being able to control your cloud spend. With other clouds, costs tend to only go one way, up. With SkySQL, we also let you shrink the cost footprint automatically when demand is low. For everyone looking for exceptional scalability and performance of MariaDB databases in the cloud, MariaDB SkySQL is the solution.”

Autoscaling: Dynamically Adjust to Changes in Demand

Unlike first generation cloud databases for MariaDB, SkySQL enables autoscaling of both compute and storage in response to changes in demand. Rules specify when autoscaling is triggered, for example when CPU utilization is above 75% over all replicas sustained for 30 minutes, then a new replica or node will be added to handle the increase. Similarly, when CPU utilization is less than 50% over all replicas for an hour, nodes or a replica is removed. Users always specify the top and bottom threshold so there are never any cost surprises.

When paired with Xpand, MariaDB's distributed SQL database, autoscaling means never having to worry about unexpected spikes in demand. Double, triple or quadruple the amount of users

initially expected? No problem. Xpand on SkySQL with autoscale turned on will automatically add nodes to handle the increase in demand. Once demand is reduced, SkySQL will reduce nodes so you only pay for the resources needed.

Serverless Analytics: Analyze All Current Data, Pay Only for What Is Used

No ETL is required to do analytics! SkySQL enables operational analytics on active transactional data as well as external data sources using a serverless analytics layer powered by Apache Spark SQL. This approach removes any inconsistencies between an analytical view and a transactional view. Only pay for the CPU consumed for analytics without any need to provision compute. Data scientists also have access to an Apache Zeppelin notebook. The notebook is pre-loaded with examples that demonstrate ways to run analytics on data stored in SkySQL. It can also be used to discover database schemas, running queries on data stored in Amazon S3 and federating queries to join data across SkySQL databases and S3 object storage.

Availability

The new release of SkySQL is now generally available (GA) on AWS and Google Cloud, and includes updated MariaDB product versions: Xpand 6.1.1, Enterprise Server 10.6.12 and ColumnStore 6.3.1. New users receive \$500 in credits to start for free. No credit card is required.

Supporting quotes

“Our first look at the new MariaDB SkySQL release left us very impressed, especially with the user interface and autoscaling capabilities,” said John Hundley, principal software engineer at Hughes Network Systems. “Our IoT smart power plugs are distributed nationally across hundreds of locations, collecting data from various plugs at any given time. The number of locations and data rates can vary significantly. The user interface is very easy to use and will give us a better view into our database usage. We expect autoscaling to help us in responding to our workload changes to ensure we have the right resources allocated.”

“Cloud-native DBMSs, such as MariaDB SkySQL, use dynamic compute and storage, making their use of resources more efficient and enabling them to deliver optimal performance,” said Carl Olofson, senior vice president, IDC. “The choice of which cloud-native DBMS to use comes down to fit. SkySQL offers scale and availability, the ability to run in multiple clouds, and to handle both OLTP and OLAP workloads. It also leverages skills that are transferable to all clouds. If these qualities are important to you, SkySQL is a cloud-native DBMS to consider.”

New Product Announcement: GT-xCHEM

27 March 2023

GT is excited to announce the launch of our new product, GT-xCHEM V2023, that powers innovations in new technologies targeted for cleaner emissions of next generation ICE vehicles. GT-xCHEM unifies the best-in-class capabilities of exothermia suite and GT-SUITE for exhaust aftertreatment and chemical systems solutions and delivers new capabilities essential for the development of regulatory compliant emissions systems.

If you are a current user of GT-SUITE applications for exhaust aftertreatment, evaporative emissions, or catalytic reformers, please contact your GT sales representative or send an email to licensing@gtisoft.com to request access to these capabilities now delivered with GT-xCHEM.

New workflows unveiled for Autodesk Media & Entertainment portfolio

29 March 2023

It's no secret that the creative bar continues to rise for VFX and animation studios. Global audiences expect amazing visual effects every time they watch TV, play a game, or explore the metaverse. As the need for truly immersive content grows, we're committed to unlocking new levels of collaboration, creativity, and efficiency for artists and studios.

We have our eyes on streamlining post-production and games pipelines. Updates to our media and entertainment portfolio, including Autodesk Maya, 3ds Max, Bifrost, and Arnold, further open standards and bolster artist-driven animation, modeling, and simulation workflows. They also boost performance with support for Apple Silicon. On top of that, we're collaborating with Adobe to build a material standard, and with Microsoft to unveil a beta version of AI-powered Maya Assist.

"Whether they're working on the next big blockbuster, streaming content, or games, our customers use a lot of different tools to get productions out the door. It's a top priority for us at Autodesk to help connect their workflows, so they can work nimbly and efficiently across teams and projects," said Diana Colella, senior vice president, Autodesk Media & Entertainment. "That's why we've focused our development efforts on integrating open standards like USD, LookdevX, and OCIO across our tools. We're excited to continue on this path, building deeper connections between our solutions and third party tools, so that our customers have truly connected workflows for collaboration."

Growing our open standards ecosystem

Across tools, we continue to integrate open standards that accelerate and streamline the flow of data between people, teams, and software at studios.

- LookdevX, a new agnostic material editor in Maya, standardizes material workflows, allowing artists to create complex shading networks that can be shared freely and accurately throughout studio pipelines. With a modern, node-based environment, this enables artists to author a variety of materials like USDShade, Material X, and Arnold that can then be used by other artists across multiple projects.
- We continue to integrate powerful USD workflows across our portfolio, making it easier to move data through the post-production pipeline.

Powerful modeling and color management capabilities come to 3ds Max

We're expanding the robust modeling toolset in 3ds Max with fast, fluid, and fun workflows for artists.

- A new Boolean modifier offers a modern and intuitive way to produce clean geometry, and updates to the Array modifier help create beautiful, nature-like scenes, procedurally.
- With effective color management tools built around the Academy Color Encoding System (ACES) and OpenColorIO (OCIO), a must for most modern post-production pipelines, this update gives artists complete control over colors with Color Management. From Viewport to final render, colors are predictable and consistent, so artists know that colors match and align at every phase of production.

Elevated animation, modeling, and simulation workflows now in Maya

On top of LookdevX and Hydra for Maya, Maya gains new tools and workflows across its animation, modeling, and simulation toolsets.

- Updates to Retopologize and the Boolean toolset give artists more creative control while modeling.
- Streamlined animation tools, including a redesigned Time Slider, make navigating and editing animations more fluid and intuitive.
- Bifrost, Maya's visual programming environment, offers visual effects artists a complete overhaul of viewport volume rendering, using new, state-of-the-art NanoVTT technology, as well as MPM Gel, a cool new capability that simulates substances such as soft-serve ice cream.
- Maya—including Bifrost and Arnold for Maya—now runs natively on Apple Silicon, enabling artists to achieve new levels of performance while rendering.

AI-assisted workflows come to Maya

We're excited to unveil the AI-powered private beta of Maya Assist, which provides a new way of interacting with Maya scene data using Microsoft's Azure OpenAI Service. This allows artists to automatically manipulate scenes using natural language text prompts directly in Maya. For example, you can ask to copy an object, increase its size by 25%, or add a camera and aim it anywhere. The private beta launches on April 5.

Joining forces with Adobe on an open source material model

With the goal of standardizing material workflows and enabling smoother interoperability across the tools artists use, we're also working to bring Autodesk Standard Surface and Adobe Standard Material into one new material model that can be used across product portfolios and adopted by the wider industry. Having a common material model will help artists and studios work more efficiently by facilitating the seamless exchange of 3D assets. We're actively engaging with the MaterialX governance group to ensure that the new model can be integrated and fully encoded within a MaterialX node graph.

Sensera Systems introduces SiteCloud Public Safety Solutions

29 March 2023

Sensera Systems, Inc., the market leader in all-in-one compact-solar site cameras, today announced the introduction of its SiteCloud Public Safety solution for critical operations. This advanced offering provides rapidly deployable site intelligence with priority LTE network connectivity on the world's largest cellular carrier.

SiteCloud Public Safety enables emergency responders to rapidly deploy rugged, solar, wireless camera solutions on temporary or permanent remote sites with priority network connectivity. It builds on Sensera's multi-year history supporting municipal and government customers and offers benefits including preemption, mobile broadband priority, wireless priority service, wireless private network, and private network traffic management. These features help ensure reliable connectivity to Sensera Systems devices during emergency response activities.

"We are excited to release this significant new offering to support our public safety partners. Emergency response teams require reliable priority communications and visibility during critical operations," said Rob Garber, CEO, Sensera Systems. "We are uniquely positioned to deliver on that need with an easy-to-deploy, easy-to-use, end-to-end solution that is extremely cost-effective."

Sensera's SiteCloud Public Safety solutions consist of solar/wireless cameras, SiteCloud software and service, specially priced unlimited LTE cellular plans, and optional accessories for turn-key rapid deployment on temporary and permanent sites. The system can be set up and accessed via web/mobile in minutes with no special training.

Stilo Announces Migrate 5.0

31 March 2023

Migrate 5.0

Stilo is proud to announce the latest version of its Migrate software.

Migrate 5.0 is the latest release from the Stilo software suite, and it comes with some exciting new upgrades under the hood. One of the most significant changes in this release is the implementation of a new version of OmniMark, specifically OmniMark 12. This upgrade brings a host of new features and capabilities, including improved performance and stability. These upgrades ensure that Migrate 5.0 is more powerful and versatile than ever, making it an essential tool for any organization looking to streamline its data migration processes.

Features

- DITA 2.0 requirement analysis and implementation
- New error messaging feature replaces esoteric messages with proper error descriptions in the rule's editor

- Users can now select an importer for multiple documents simultaneously when uploading
- Backend software upgrades

Synopsys.ai Unveiled as Industry's First Full-Stack, AI-Driven EDA Suite for Chipmakers

29 March 2023

Key Highlights:

- Synopsys.ai provides AI-driven solutions for chip design, with digital and analog, verification, test and manufacturing components.
 - AI engines significantly boost engineering productivity and silicon quality while minimizing costs.
- NVIDIA, TSMC, IBM, MediaTek and Renesas all support Synopsys' AI-driven EDA design strategy with significant benefits already being seen:
 - Renesas achieved a 10x improvement in reducing functional coverage holes and up to 30% increase in IP verification productivity.

At its annual Synopsys Users Group (SNUG) Silicon Valley Conference, Synopsys, Inc. launched Synopsys.ai, a suite of AI-driven solutions for the design, verification, testing and manufacturing of the most advanced digital and analog chips. For the first time, engineers can now use AI at every stage of chip design, from system architecture to design and manufacturing, and access the solutions in the cloud. Renesas, a leader in the automotive space, is already using Synopsys.ai to shave weeks off product development times with enhanced silicon performance and cost reduction.

The Synopsys.ai EDA suite includes AI-driven solutions:

- Digital design space optimization to achieve power, performance and area (PPA) targets, and boost productivity (used in 100 production tape-outs by January 2023).
- Analog design automation for rapid migration of analog designs across process nodes.
- Verification coverage closure and regression analysis for faster functional testing closure, higher coverage and predictive bug detection.
- Automated test generation resulting in fewer, optimized test patterns for silicon defect coverage and faster time to results.
- Manufacturing solutions to accelerate development of lithography models with high accuracy to achieve the highest yield.

"Increased complexity, engineering resource constraints and tighter delivery windows were challenges crying out for a full AI-driven EDA software stack from architectural exploration to design and manufacturing – and we've delivered it," said Shankar Krishnamoorthy, GM of Synopsys EDA Group. "With Synopsys.ai solutions, our customers' ability to search design

solution spaces across multiple domains is in hyperdrive. They're finding optimal results far faster as the .ai learns run-to-run, and it's transforming their ability to meet and beat tough design and productivity targets."

Industry Leadership in AI-driven Semiconductor Design

Synopsys.ai tools are now in use by 9 of the top 10 semiconductor companies, establishing Synopsys as an early leader in this space. With each design project, the solutions' AI engines continually train on unique data sets, allowing them to become more adept at optimizing results over time.

Here's what some industry leaders are saying about the AI-driven EDA design suite:

"Meeting quality and time-to-market constraints is fast becoming difficult using traditional human-in-the-loop techniques due to the ramp in design complexity," said Takahiro Ikenobe, IP Development Director, Shared R&D Core IP Division at Renesas. "Using AI-driven verification with Synopsys VCS®, part of Synopsys.ai EDA suite, we've achieved up to 10x improvement in reducing functional coverage holes and up to 30% increase in IP verification productivity demonstrating the ability of AI to help us address the challenges of our increasingly complex designs."

"Achieving the highest quality silicon is essential given our increasingly complex chips that power many of the world's devices," Xian Lu, Director, MediaTek. "We must constantly improve methodologies and deploy new technologies to quickly deliver test programs that provide high defect coverage while minimizing testing cost. AI-driven enhancements for automatic test pattern generation are critical to achieving our future silicon testing goals."

"TSMC works closely with our Open Innovation Platform® (OIP) partners like Synopsys to enable our customers to improve productivity and accelerate design closure when performing process-to-process design migration of custom and analog blocks," said Dan Kochpatcharin, head of Design Infrastructure Management Division at TSMC. "With the latest Synopsys AI-driven analog design migration flow and TSMC enhanced PDKs, we now enable efficient reuse of designs that are migrating from one of our widely used processes to another and benefit from the power, performance, and area improvements of our latest technologies."

"At advanced technology nodes it is critical to have accurate lithography models for optical proximity correction," Huiming Bu, VP, Global Semiconductor R&D and Albany Operations at IBM Research. "Utilizing AI/ML accelerates the development of highly accurate models that yield the best results during silicon fabrication. We are excited to collaborate with Synopsys on AI-driven mask synthesis solutions that can help our partners reach market faster."

"AI has the potential to reshape virtually every field, and its benefits for the semiconductor industry are hard to overstate," said Vivek K. Singh, VP, Advanced Technology Group at NVIDIA. "We're working alongside leading companies like Synopsys to accelerate and improve production and open new frontiers for the industry."

According to industry analyst Patrick Moorhead from Moor Insights & Strategy: "AI is transforming the semiconductor industry, enabling engineers to create more complex chips that humans unaided would be unable to produce. The horizons AI will open up are hard to

imagine, only we know we'll be able to move faster and do more than we can now—including how we tackle major global issues such as hunger, epidemic control and climate change. Synopsys is now clearly taking the lead in infusing AI throughout the chip development flow and we should applaud their investment in the industry's future."

THEOREM XR — WHERE TWO DIGITAL WORLDS COLLIDE

27 March 2023

Jennifer Cox of Theorem Solutions announced an update to TheoremXR on the Theorem Solutions blog. She says, "The Latest TheoremXR Release Brings New HoloLens 2 Menus, Cache Management Systems, and Improvements to Using Scan Data in XR to Streamline Engineering and Manufacturing Processes."

Read the full blog post here: <https://www.theorem.com/news/theoremxr-2022.3>

TRIMBLE LAUNCHES FIRST INDUSTRY DWELL TIME METRICS FOR FLEET MANAGEMENT

30 March 2023

Trimble announced today that Trimble Fleet Manager, provided as part of its Mobility telematics portfolio, is now the first back-office fleet management solution to offer industry-specific average dwell time metrics. This data empowers fleets to make better planning decisions, improve service level agreement (SLA) adherence and utilize their assets and drivers more efficiently.

Powered by the Trimble Transportation Cloud, Trimble's Connected Locations workflow makes this dwell time data directly available within Trimble Fleet Manager, providing driver managers access to actionable information to more effectively manage trips and plan arrival times for their drivers.

"This Connected Locations integration with Trimble Fleet Manager significantly enhances our customers' ability to manage their fleets," said Ron Bisio, senior vice president, Trimble. "Fleets can't get this level of precise commercial location data anywhere else, and by leveraging the Trimble Transportation Cloud, we're helping solve challenges around inefficient delivery, scheduling and driver utilization."

Prior to Trimble's development of Connected Locations, there has not been a source capable of providing industry average dwell time metrics using precise polygonal geofences for pick-up and drop-off locations. This can result in drivers experiencing unexpected delays while waiting to be loaded or unloaded. By combining anonymized live and historical GPS data streams with its millions of geofenced locations, Trimble is bridging the gap to address this disconnect between fleets and their customers, providing transparency around facility dwell times.

In January 2023, Trimble's Engage Lane launched a similar Connected Locations integration, becoming the first freight procurement solution to provide transparency into industry average dwell time metrics within a bid workflow. The integration of dwell time metrics into Trimble Fleet Manager expands the use for Connected Locations, providing a new solution to the

industry's previous lack of dwell time standards and further strengthens Trimble's position as a leading provider of transportation industry data.

Xometry Brings Instant Quoting To Alibaba Group's 1688.com On-Demand Manufacturing Services

30 March 2023

Alibaba Group's 1688.com, China's largest integrated domestic wholesale marketplace, and Xometry, the global on-demand manufacturing service provider, today announced that Xometry's Instant Quoting Engine will be embedded in 1688.com's on-demand manufacturing services. The move gives buyers in China the ability to receive instant quotes and lead times from Chinese suppliers, data that is fueled by Xometry's AI-powered Instant Quoting Engine®. Xometry is the only partner specialized in the structural parts on 1688.com that will provide real-time pricing and lead times.

The news was announced today at the Shenzhen International Industrial Manufacturing Technology and Equipment Exhibition. In helping Chinese companies instantly source suppliers for critical manufacturing projects, Xometry's AI powered Instant Quoting Engine technology embedded within 1688.com will help domestic companies further strengthen their local supply chains. It will also fuel innovation by digitizing a once-laborious process, creating significant efficiencies from product conception to manufacturing, allowing goods to get to market faster for the benefit of all.

"China continues to innovate on the world stage and that's driven in large part by the vast manufacturing capacity of our country," said Vivienne Xiang, General Manager of Xometry Asia. "The unparalleled reach of 1688.com along with our innovative AI-powered on-demand manufacturing service greatly benefits buyers by speeding up the sourcing cycle, while also helping manufacturers attain more work and ultimately grow their businesses."

"Companies all across China are continuously innovating and bringing new goods to market that lead to a better life for all," said Jingjing Zhang, General Manager of Industrial Unit of 1688.com. "We're pleased to introduce Xometry's industry-leading technology featuring its instant-quoting engine to help companies make smarter decisions in real-time."

"Xometry is digitizing manufacturing, the backbone of our global economy, and helping companies everywhere strengthen their critical supply chains," said Randy Altschuler, CEO of Xometry. "The inclusion of our Xometry Instant Quote Engine within 1688.com will help drive efficiency and innovation for both buyers and suppliers in China, bringing new ideas to life and allowing revolutionary new goods to get to market faster."

The product will launch in late April.