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CIMdata News

CIMdata Announces Two Upcoming Dates for its Product Lifecycle Management Certificate Program

22 March 2022

CIMdata, Inc., the leading global PLM strategic consulting and research firm, announces that it will offer two in-person PLM Certificate Programs during the second quarter of 2022. The programs will take place in Ann Arbor, Michigan, USA, from 16-20 May and in Amsterdam, The Netherlands, from 20-24 June.

These programs prepare PLM professionals to address the challenges commonly faced in PLM strategy development and implementation allowing them to help their organizations realize the benefits of PLM and its enabling technologies. The assessment-based program includes a personalized classroom experience, individual and team-based exercises, and evaluations of achievement. A team of CIMdata experts facilitates the program. Successful completion of the program and assessments leads to a Certificate of PLM Leadership.

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

According to CIMdata's president and CEO, Peter Bilello, "For the past two years, we have pivoted our in-person classes to a virtual platform, which the PLM community has received well. We believe the time is right to return to an in-person education model that allows for essential networking between attendees and CIMdata faculty members."

Additional programs are available during the second half of 2022 in Boston, Massachusetts, from September 26-30, and Santa Clara, California, from December 5-9.

Classes are available in a 3- or 5-day format. CIMdata's one-day Executive Short Course and two-day PLM Fundamentals for Solution Providers Short Course will also be 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>.

CIMdata Releases eBook on Rationalizing Your CAD Portfolio

23 March 2022

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces the release of an eBook focused on Siemens Mechanical Bundle for Solid Edge and NX licensing.

Based on annual CIMdata research, the mechanical CAD market is bifurcated into design-focused and multi-discipline mechanical CAD. The design-focused segment supports the majority of product design needs. The multi-discipline segment incorporates advanced capabilities such as advanced surface modeling to support complex, aesthetic shapes needed in styled products in addition to virtual commissioning and factory automation. Annual sales show the relative equality of the two markets, which indicates that companies worldwide have a balance in their approach to CAD modeling.

Dr. Ken Versprille, CIMdata Executive Consultant, noted, "The mechanical CAD industry has seen the development of design-focused solutions and multi-discipline solutions for over two decades. Until recently, a company had to choose between the two or add to the overall cost of ownership by

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purchasing both. The introduction of Siemens Mechanical Bundle breaks through this dilemma by allowing a company to balance their product selection of Solid Edge and NX with the added benefit that geometric models between the two are interoperable without any conversion.”

The CIMdata eBook on Rationalizing Your CAD Portfolio is available at: www.CIMdata.com.

The Agenda Topics for PLM Road Map & PDT NA 2022 North America have been set!

24 March 2022



What: [PLM Road Map & PDT 2022](#)

When: May 24 & 25, 2022

Where: [The Marriott Tysons Corner](#), VA (metro Washington DC)

Theme: [Digital Transformation and PLM – a call for PLM Professionals to re-define and re-position the benefits and value of PLM](#)

Registration Information: [Early Bird Discount](#) in effect until March 31

Cost to Attend: <https://www.cimdata.com/en/education/plm-conferences/plmrm-pdt-na-2022/cost>

[Learn More About the Event](#)

[Early Bird Registration](#)

The *agenda topics* for PLM Road Map™ & PDT North America 2022 have been decided.

In keeping with our event theme for 2022, [Digital Transformation and PLM – a call for PLM Professionals to re-define and re-position the benefits and value of PLM](#), presentations will cover the following topics:

- Digital Skills Transformation—Often Forgotten Critical Element of Digital Transformation
- Digital Transformation and the Role of PLM
- CEO Spotlight: View From the Top: The Future of PLM in the Age of Digitalization A discussion with the CEOs of Aras, PTC, and Siemens Digital Industries Software
- Global Collaboration among OEMs and their Product Design and Manufacturing Engineering Partners and Suppliers – an update from the A&D PLM Action Group
- Digital Twin/Digital Thread - an update from the A&D PLM Action Group
- Domain Knowledge: the link from PLM to Enterprise Lifecycle Management Realization
- Digital Transformation of Systems Engineering: Challenges and Opportunities

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- Application of MoSSEC and NASA Standard 7009A to Airplane Design Variants
- Stretching the Digital Thread Across the Supply Chain
- Model-Based Systems Engineering Data Interoperability - an update from the A&D PLM Action Group
- The Digital Transformation of PLM: Where are the Humans?
- MoSSEC - A standard to improve decision-making for complex products - what it is, why it is needed, how does it work with other PLM standards, and implementation experiences
- The Sustainability Imperative

Stay tuned for the release of our full agenda!

Learn more at <https://www.cimdata.com/en/education/plm-conferences/plmrm-pdt-na-2022>

[Register Now to Take Advantage of our Early Bird Rates](#)

Acquisitions

Accenture Acquires Alfa Consulting, Expands Supply Chain Capabilities in Capital Intensive Industries

24 March 2022

Accenture has acquired Alfa Consulting, a consultancy that specializes in operations strategy in capital intensive industries. The acquisition reinforces Accenture’s capabilities for helping clients in Spain, Portugal and México transform their supply chains to be more resilient, responsive and sustainable. Terms of the transaction were not disclosed.

Headquartered in Barcelona with offices in Madrid and México, Alfa Consulting has extensive expertise in leveraging analytics to design and implement new operational models for clients across industries such as utilities, high tech, energy and industrial goods, among others. The company’s 52 highly specialized consultants will join Accenture’s Supply Chain & Operations function, which helps clients with end-to-end supply network visibility, customer-centered supply chain segmentation, sourcing and procurement transformation, operational agility, resilience stress testing and sustainable and responsible supply chain strategies.

“Supply chains, especially in capital intensive industries, need to be flexible and responsive, while also maintaining the transparency that makes them trustworthy,” said Kris Timmermans, head of Accenture’s Supply Chain & Operations function. “Alfa Beyond Consulting’s deep experience and proprietary tools complement our vision for helping clients build resilient and sustainable supply chains that can meet today’s demands and tomorrow’s opportunities.”

Alfa Consulting has deep knowledge and market-recognized assets in analytical methodologies, workforce planning, value-based maintenance and contractor management practices. The company also has experience in renewable energies and helping clients with energy transition plans.

Joaquín Escoda, Alfa Consulting Chairman said “We are excited with all the possibilities that joining Accenture will offer to our clients and employees. On one hand, the capability to offer a complete range of services and products, complementing our competencies with best-in-class solutions and technological platforms and on the other, the great variety of opportunities and resources for our employees’ and partners’ professional careers.”

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“Alfa Consulting brings differentiated expertise in sectors with extensive industrial footprints and distributed assets. With Alfa Consulting as part of Accenture, we will further enhance our ability to help clients in these industries build future-ready intelligent supply chains that create change and drive value,” added Domingo Mirón, Accenture’s Iberia Market Unit lead.

Autodesk to Acquire The Wild, Extended Reality (XR) Solutions Provider for Immersive and Collaborative Workspaces for Design and Construction

26 March 2022

Autodesk, Inc. has announced it has signed a definitive agreement to acquire The Wild, a cloud-connected, extended reality (XR) platform, which includes its namesake solutions, The Wild, and IrisVR. The Wild enables architecture, engineering, and construction (AEC) professionals to present, collaborate and review projects together in immersive and interactive experiences, from anywhere and at any time. This acquisition enables Autodesk to meet increasing needs for augmented reality (AR) and virtual reality (VR) technology advancements within the AEC industry and further support AEC customers throughout the project delivery lifecycle.

Serving more than 700 customers worldwide across its two platforms, The Wild’s XR technologies offer affordable, on-demand and in-context opportunities for deeper team collaboration. Its virtual format empowers remote workforces amid a rapidly evolving work landscape and offers an immersive environment for real-time ideation and decision making.

“Our acquisition of The Wild reflects the rapid transformation taking place in the building industry, from the complexity of projects to the geographic diversity of teams who design, construct, and operate them,” said Andrew Anagnost, CEO and president, Autodesk. “XR is a must-have business imperative for today and an important part of Autodesk’s Forge platform vision.”

The Wild’s virtual platform allows teams to work together inside digital project models to explore, interact, and make changes to the model directly in the cloud. This leads to better decisions and project outcomes at a fraction of the time and cost for in-person collaboration methods.

“The Wild and Autodesk share a common mission of encouraging a more productive and collaborative AEC industry, and in this case, one where teams can resolve issues in minutes from their desks rather than the traditional miles of costly travel,” said Gabe Paez, founder and CEO of The Wild. “The Wild’s customers understand the value from the get-go, building consensus as a team in the virtual world with the ability to make changes to their designs at the speed of thought.”

Black & Veatch is a global leader in engineering, construction and procurement with more than \$3 billion in annual revenue. Black and Veatch’s Technology Innovation Lead, Brian Melton, indicates The Wild’s IrisVR and a wide range of Autodesk solutions, including Autodesk design software and Autodesk Construction Cloud, enables many of their teams to successfully deliver projects around the world. The Black & Veatch team uses Autodesk solutions and The Wild’s IrisVR to connect its project professionals, clients, and partners with digital workflows and enhanced collaboration capabilities. IrisVR enables distributed work groups to increase engagement and improve collaboration between stakeholders by leveraging immersive virtual meetings. This leads to an enhanced awareness regarding safety, access and maintenance, and an overall better understanding of the project, leading to better decisions and better outcomes.

“As remote collaboration continues to become the new normal for many professionals across industries and market sectors, the capabilities of systems like Autodesk Construction Cloud and The Wild’s IrisVR platform help Black & Veatch deliver world-class projects regardless of our

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professionals' physical location," said Brian Melton, Technology Innovation Lead, Black & Veatch. "This type of spatial real-scale immersive experience is a game-changer for our professionals by allowing us to meet virtually within the project design environment, to talk about the design, conduct reviews and coordinate activities, document potential issues and collect comments aimed at accelerating execution and improving safety. Autodesk's acquisition of The Wild could create an even more seamless integration of VR into the platforms we use, leading to wider adoption, more capabilities and a shift from what was once sci-fi to a daily activity."

Why XR now?

"A convergence of events makes this the right time for Autodesk's acquisition of The Wild's talent and technology as the foundation of Autodesk's XR journey," said Nic Fonta, General Manager of XR at Autodesk. "Accessibility, affordability, as well as the future of digital twins and metaverse, create the right environment and business rationale for advancing XR technology within the AEC industry."

- **Resiliency.** The need for greater workforce resiliency and remote collaboration has increased significantly amid the global pandemic. With physical distancing and ever-evolving travel restrictions, XR solutions offer a way to virtually keep teams together and projects moving with minimal interruption.
- **Accessibility and Affordability.** Until recently, the cost of professional grade Virtual Reality (VR) and Augmented Reality (AR) equipment was unattainable for many. Now, headsets cost a few hundred dollars instead of thousands, and most smart phones support AR – putting the power of XR into the hands of anyone, anywhere, at any time.
- **Sustainability.** In-person collaboration often requires costly travel and unnecessarily contributes to harmful carbon emissions – and, when teams cannot meet to work through design issues together, expensive rework and significant material waste are often a consequence. Offering streamlined, instantaneous, and immersive cloud collaboration allows teams to save time, money, and materials.

The Wild and IrisVR draw data from various AEC technologies into their respective XR collaborative experiences to perform design review and model coordination. Cumulatively, existing integrations include Autodesk Construction Cloud (Autodesk BIM 360, Autodesk Build), Autodesk Revit, Autodesk Navisworks, as well as other non-Autodesk technologies, Rhinoceros and Trimble SketchUp

Infosys to Acquire Digital Experience and Marketing Agency, oddity

22 March 2022

Infosys, a global leader in next-generation digital services and consulting, announced a definitive agreement to acquire oddity, a Germany-based digital marketing, experience, and commerce agency. The move strengthens Infosys' creative, branding and experience design capabilities, and demonstrates its continued commitment to co-create with clients and help them navigate their digital transformation journey.

With more than 300 digital experts located in Stuttgart, Berlin, Cologne, Belgrade, Shanghai and Taipei, oddity is one of the largest independent digital agencies from Germany.

Enabling digital transformation for leading German omni-channel, e-commerce retailers, leading FMCG brands and global mobility providers, oddity has a comprehensive service portfolio comprising digital-first brand management and communication, in-house production, including virtual and augmented reality, experience design and e-commerce services across Europe and China.

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Together with Infosys' earlier acquisition of WONGDOODY, which offers creative and marketing services, oddity will help global CMOs, and businesses thrive in a digital commerce world with complementary skills and expertise. As part of Infosys' digital experience and design offering, oddity will become part of WONGDOODY, an Infosys company, and join its network of studios across Seattle, Los Angeles, New York, Providence, Houston, and London, and design hubs in five cities in India.

Ravi Kumar S, President, Infosys, said, "We find ourselves at the cusp of the next generation of the internet, the merging of the physical and virtual worlds. With this vision, we are excited to strengthen our experience and marketing skills with oddity, to deliver forward-thinking, holistic solutions at a global scale. With oddity's digital commerce and marketing knowledge as well as its metaverse-ready set-up, it is the perfect complement to Infosys' prowess in technological transformation."

"The future of better human-centered marketing lies in the symbiosis of creativity and technology (data, automation, AI). This is where we see the opportunity for a unique differentiation together with Infosys and WONGDOODY. We are ambitious to further develop our services jointly and are proud to become part of one of the world's most respected digital tech companies." said **oddiy founders Frank Boegner, Marc Bürkle, Simon Umbreit and Christian Gözl**.

Ben Wiener, CEO, WONGDOODY, an Infosys company, added, "Meeting oddity was like meeting a long-lost twin. We share the same values and vision around the power of creativity to accelerate digital transformation for our clients, while recognizing that it's our people and culture that drive our success. We are united in our shared belief that digital transformation is at its best when it is consistently approached from a people-based, needs-centred perspective."

The acquisition is expected to close during the first quarter of fiscal 2023 (April 2022), subject to customary closing conditions.

Company News

3D Systems Partners with Enhatch to Scale Personalized Medical Device Delivery

23 March 2022

3D Systems, the leading additive manufacturing solutions partner, and **Enhatch Inc**, the Hoboken, New Jersey and Tulsa, Oklahoma-based developer of the Intelligent Surgery Ecosystem, announced they have entered a partnership. The technologies which drive Intelligent Surgery streamline and scale the design and delivery of patient-specific medical devices by automating the process. Incorporating these capabilities into 3D Systems' proven workflow for patient-specific solutions—which includes advanced software, expert treatment planning services, custom implants and instrumentation design, and industry-leading production processes—will help more efficiently meet the growing demand for personalized medical devices.

3D Systems partners with medical device manufacturers to offer its VSP[®] surgical planning solutions to support craniomaxillofacial and orthopedic medical specialties to help reduce procedure time and improve surgical outcomes. Likewise, Enhatch develops software applications powered by artificial intelligence to streamline every element of the patient-specific digital workflow. Enhatch is the first company to market an ecosystem of surgical technologies driven by artificial intelligence, which helps evaluate and mitigate potential risks in the surgical planning process. Combining the application and technology expertise of both companies creates an optimized, automated, and scalable medical device workflow.

"Our partnership with Enhatch will enable us to deliver the healthcare industry's most comprehensive

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approach to additive manufacturing,” said Menno Ellis, executive vice president, healthcare solutions, 3D Systems. “Integrating these technologies and capabilities into 3D Systems’ surgical planning solutions will make processes more efficient, trackable, and cost-effective. This is another step in our ongoing commitment to innovation that helps our customers remain at the forefront of medical device development and healthcare delivery.”

Peter Verrillo, co-founder and CEO of Enhatch, agrees, “Enhatch is proud to welcome 3D Systems to the Intelligent Surgery Ecosystem. Healthcare ecosystems have tremendous potential to disrupt and reshape the entire industry, leading to improved patient outcomes, faster, more accurate, and safer procedures. Enhatch and 3D Systems have a shared goal of bringing surgeons and industry together with the best leading-edge technologies available.”

As a pioneer in personalized healthcare solutions, 3D Systems has worked with surgeons over the last decade to plan more than 140,000 patient-specific cases, and manufacture more than two million implants and instruments for 100+ CE-marked and FDA-cleared devices from its world-class, FDA registered, ISO 13485-certified facilities in Littleton, Colorado, and Leuven, Belgium. The company will feature its solutions, including its partnership with Enhatch, in its booth (#1014) at the AAOS 2022 Annual Meeting, March 23-25 at McCormick Place in Chicago, Illinois.

Accenture Receives Four ‘MuleSoft Partner of the Year’ Awards

25 March 2022

Accenture has been recognized with four MuleSoft Partner of the Year Awards for 2022. The awards recognize Accenture for scaling its team of MuleSoft experts through training and certification programs, driving growth, and delivering business outcomes for clients.

Accenture received the following awards:

- **MuleSoft 2022 Global Practice Development Partner of the Year:** In recognition of having the largest practice across Americas, EMEA, Japan and Asia.
- **MuleSoft 2022 JAPAC Partner of the Year:** For the growth of Accenture’s MuleSoft business in Japan and Asia Pacific.
- **MuleSoft 2022 JAPAN Partner of the Year:** For the second year in a row, this award honors Accenture for its market impact in Japan.
- **MuleSoft 2022 JAPAC Customer 360 Partner of the Year:** In recognition of Accenture’s significant market impact in helping clients build connected experiences even faster by leveraging the combined power of Salesforce and MuleSoft.

“I’m incredibly proud of the relationship between Accenture and MuleSoft and the work we do together to unleash innovation and help our client’s transform through a modern, future-ready approach to API-led integration,” said Nisha Sharma, managing director and Accenture MuleSoft business lead. “We are pleased to be recognized for our experience with MuleSoft solutions, our global reputation for successful delivery, and our commitment to delivering business outcomes.”

Dan McAllister, senior vice president of Global Alliances and Channels at MuleSoft, said, “We are excited to celebrate Accenture’s success and recognize its industry knowledge, experience and continued commitment in delivering seamless, connected digital experiences to clients around the world. Winning the MuleSoft Global Practice Development Partner of the Year, the MuleSoft JAPAC Partner of the Year, and the MuleSoft JAPAC Customer 360 Partner of the Year reflects Accenture’s work in some of our most strategic transformational projects. We look forward to continuing to innovate

and collaborate together with Accenture to accelerate value creation across the enterprise.”

Accenture has a 14-year partnership with MuleSoft backed by a delivery capability of more than 4,000 trained and 1,600 certified MuleSoft practitioners – the world’s largest and most experienced MuleSoft practice. As a leading provider of API services, Accenture has delivered more than 500 MuleSoft implementations for more than 250 clients. Together Accenture and MuleSoft, a Salesforce company, make it simple for clients to connect their applications, data, and devices through a “composable” enterprise architecture that enables modularity, autonomy, orchestration, and discovery for users across the organization and wider digital ecosystem.

Jun Shinohara, managing director and Accenture Salesforce Business Group Lead for Japan and Asia Pacific, added, “We have an incredible group of practitioners in Japan and APAC and our success with MuleSoft has been further strengthened by our partnership with Salesforce to help us accelerate our clients’ path to value, as evidenced by the trio of awards we received in the region.”

Ansys Collaborates with Microsoft to Drive Innovation Forward with Chip Development, Simulation, and Cloud Computing

21 March 2022

Ansys customers will have automatic cloud access to the latest 3rd Gen AMD EPYC processors with AMD 3D V-Cache technology, available on Microsoft Azure HBv3 VMs. Ansys Cloud, the managed cloud service provided by Ansys and enabled on Azure, will automatically upgrade to offer the ability to use the latest AMD chips today.

Designed specifically to accelerate computer-aided engineering (CAE) workflows, the new Azure HBv3 VMs with 3rd Gen AMD EPYC processors with AMD 3D V-Cache technology produce unprecedented performance boosts for technical computing workloads. In early testing by Azure, the company saw up to 80% improvement in large-scale computational fluid dynamics (CFD) simulations and up to 50% improvement in explicit finite element analysis (FEA) crash tests. This means that Ansys Cloud customers can solve CAE problems much faster, leading to better design decisions in a shorter amount of time.

“There is more demand than ever for high performance computing. At AMD we continue to look at providing our partners and customers with the right processor to support the right workload, and the 3rd Gen AMD EPYC processors with AMD 3D V-Cache technology do that for technical workloads,” said Ram Peddibhotla, corporate vice president, EPYC product management, AMD. “We are excited to work with Azure and Ansys to create a solution that provides fantastic performance for technical workloads like CFD, FEA and more.”

“The incredible performance boost of the HBv3 virtual machines on Azure is unprecedented, and it is especially rewarding to see this made possible by the innovative 3D memory stacking implemented by AMD,” said Shane Emswiler, senior vice president of products at Ansys. “This is truly a virtuous circle for Ansys, and it will result in our customers gaining the confidence to shift more of their simulation workloads to the cloud to reap the performance gains as soon as possible.”

“In every industry and research community, innovation is now a compute bound problem which means advances in HPC are now more strategically important to Microsoft Azure customers than ever,” said Evan Burness, Principal Program Manager for HPC, Microsoft Azure. “Working closely with Ansys, we’re able to quickly bring 3rd Gen AMD EPYC processors with AMD 3D V-Cache into Azure’s most popular HPC virtual machine, HBv3, to the benefit of all Ansys Cloud customers. It’s a powerful

combination of software tools and one of the most powerful HPC solutions available.”

Once released, Ansys Cloud customers can easily select HBv3 as their VM option; no further actions will be necessary for the upgrade.

Atos opens new global next-gen Security Operations Center in Bulgaria and strengthens its sovereign security offering in Europe

22 March 2022

Atos, leading managed security services provider in Europe, announces the opening of a new next-gen Security Operations Center (SOC) in Sofia, Bulgaria, as part of the continuous expansion of its cybersecurity activities. The new center is **Atos’ 16th next-gen SOC worldwide**. It is designed to rapidly identify and limit the impact of security incidents for large organizations globally via **24/7/365 threat monitoring**, detection, and targeted response supported by state-of-the-art technology with Artificial Intelligence (AI) and Machine Learning (ML) – ultimately strengthening Atos’ powerful global SOC network.

Atos intends to meet the sovereignty needs of public and private organizations, notably those operating in critical and sensitive industries, by offering them an additional AI and ML powered SOC located in Central Europe, in addition to those in Croatia, Poland and Romania. This is in line with the recently launched Atos OneCloud Sovereign Shield which helps clients regain complete control over the data they produce and exchange and effectively deal with legal dependencies.

With the opening of the new center, Atos expects to hire more than 50 cybersecurity professionals in Sofia in 2022, which will join the 1,500 Atos employees already working in Bulgaria and its worldwide network of **6,000 Atos security experts**. In the upcoming years Atos plans to expand the center’s capabilities with **up to 300 digital specialists**.

“With the expansion of the demand of clients based in Europe, including in Bulgaria, it seemed natural to open a new SOC and base it in Sofia, where we already have a strong team of digital transformation experts,” said **Chris Moret, SVP, Global Head of Cybersecurity services at Atos**. *“Atos is the top player in cybersecurity services in Europe and has the ambition to grow its local cybersecurity business further. Our new next-gen SOC is powered by the latest AI and ML technologies and will provide key innovative security services to our customers in the region.”*

The multiplicity of Atos SOCs around the world, all interconnected, enables information on cyber threats to be shared more effectively, to better prepare for them, and also to share key cyber expertise and best practices. The wide network of SOCs increases redundancy reliability to face the increasing complexity of cyber-attacks and their globalization.

As cyber threats increase, Atos’ global network of SOCs processes **31 billion security events per day**. The new SOC will complement this line of defense and offer all managed security services, including Managed Detection and Response (MDR) which provides threat intelligence, threat hunting, security monitoring, incident analysis, and uses **artificial intelligence and machine learning** to investigate, auto contain threats, and orchestrate response. Atos recently launched a ‘sovereign data’ version of its MDR service, ensuring client data remains in the same geography.

Atos in Bulgaria is presented by two legal entities. Atos IT Solutions & Services supports 20+ business functions and 1000+ processes by providing end-to-end services to Atos’ entities. In addition, the company delivers business communication services for customers in over 40 countries around the globe. Atos Bulgaria Competency Center offers innovative IT solutions for international companies in the consumer-packaged goods sector and food and beverage industry, including world-class SAP solutions

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for corporate clients. Both entities are among the leading employers in Bulgaria and are recognized as “Great Place To Work” companies by the International Great Place to Work Institute for four years in a row.

BCG and SAP Join Forces to Transform Companies into Sustainable Enterprises

22 March 2022

Boston Consulting Group (BCG), a leading strategy consultancy, announces a partnership with SAP, a market leader in enterprise application software.

- BCG and SAP will provide transparency on sustainability “at the push of a button” and deliver impact based on a combination of strategy, technology, and business model change, with BCG and SAP solutions that can be ready to use within weeks.
 - BCG and SAP want to help accelerate companies in their journey to zero waste and zero emissions. BCG and SAP can enable companies to achieve emissions reductions of up to 40%.
 - Early-adopter companies can realize up to 15 years of competitive advantage, generating more than a 10% market premium on shares in many industries.
-

The joint transformation offering will allow companies to identify the business value in sustainability, setting the right climate ambitions and powering an actionable sustainability road map.

The SAP and BCG partnership will help companies tackle the generational challenge of climate change and respond to increasing investor pressure and ever stricter regulations.

SAP and BCG offer market-leading solutions in three areas that are of particular relevance in a sustainability transformation — strategy, business model change, and technology innovation — to complement their respective efforts in the sustainability space.

To help companies accelerate on their net-zero-emissions journey with an up to 40% emissions reduction potential, BCG and SAP will enable companies to integrate leading-edge carbon-tracking measurement and intelligence into their core business operations and strategic decision-making.

Combining two market-leading solutions in BCG’s CO2 AI and the SAP Product Footprint Management solution, the partnership targets Scopes 1, 2, and 3 via BCG’s CO2 AI as well as an integration into core SAP software through SAP Product Footprint Management.

To help achieve zero waste in supply chains, SAP and BCG will assess the circularity opportunity in a company’s portfolio across its entire supply chain and product portfolio. Based on BCG’s CIRCelligence and the SAP Responsible Design and Production solution, this offering will enable customers to accelerate the zero-waste journey.

The sustainability transformation efforts of customers will be guided by a Holistic Steering and Reporting solution backed by the SAP Sustainability Control Tower solution and BCG’s Compliance Target Operating Model to help ensure that the transformation is driven with a focus on business value and that companies comply with all regulatory requirements.

“Sustainable businesses will create positive impacts for future generations, but no organization can achieve its sustainability goals alone,” said Christian Klein, CEO and Member of the Executive Board of SAP SE. “Being sustainable requires coordination across the value chain, and this is where SAP’s partnership with BCG plays a key role. Bringing together BCG’s expertise, tools, and services with SAP’s technology gives companies the transparency, actionable data, and strategic guidance they need

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to successfully tackle end-to-end sustainability and create value for all its stakeholders.”

This new partnership is designed to effect enterprise-wide change, spanning complex supply chains and creating business value from sustainability.

“I firmly believe that an organization’s environmental impact will soon be as important to its key stakeholders as its financial performance. Early movers in sustainability can experience up to 15 years of competitive advantage and a 10% market premium. This is an enormous opportunity for companies around the world. This partnership with SAP will allow our clients to transform at an unprecedented pace,” added Christoph Schweizer, CEO, BCG.

The Sustainability Transformation offering from BCG and SAP is deployed at lighthouse customers right now, with an expected broader launch in the third quarter of 2022.

Bentley Education Announces New Student Contest: The Digital Twin Design Challenge

24 March 2022

Bentley Systems, Incorporated, the infrastructure engineering software company, today announced Bentley Education’s Digital Twin Design Challenge—a student contest that provides an opportunity to reimagine a real-world location with a structure designed with the popular Minecraft video game. Digital twin technology is set to be the next powerful tool for future engineers, and this contest is a unique opportunity for students to explore it in a creative way.

Through the Digital Twin Design Challenge, students have the chance to combine their imagination and creativity by exploring infrastructure digital twins. Students will use Minecraft to take a real-world location and design a new structure within it. In addition to gaining recognition from Bentley Education, the top 20 finalists will receive USD 500 each. The winner chosen by expert judges will receive a prize of USD 5,000, and the winner from the popular vote category will win a prize of USD 2,000.

The challenge is open to students aged between 12 years and 25 years from secondary schools, high schools, community colleges/schools, polytechnics, technical institutes, and universities. Students can design structures that address issues like environmental sustainability, architectural aesthetics, and population growth, or solve a specific engineering challenge. These designs can be in the form of any superstructure, such as a building, bridge, monument, park, train station, or airport.

With the world and its infrastructure facing many growing challenges, future engineers will turn to digital twin technology to manage them. Because digital twins are virtual representations of the real world, they can help combine and visualize data to optimize decision-making and enable effective planning and action.

Katriona Lord-Levins, chief success officer, Bentley Systems, said, “This challenge is continuing Bentley Education’s mission of nurturing future professionals for careers in engineering, design, and architecture. We want students to show their creativity using Minecraft and explore the potential of Bentley’s iTwin technology to tackle a challenge facing the world’s infrastructure. And, along the way, we want to inspire and encourage students to learn about infrastructure engineering as a possible career and expose them to the opportunities that lie ahead, with infrastructure going digital.”

When their design is ready, students will export the structure as a 3D model and place it within the real-world location using the Bentley iTwin platform. Students will also need to submit a short essay describing the concept behind their design. To participate in the challenge, students must register and submit their projects before March 31, 2022.

Bentley Systems Co-sponsors AASHTO National Bridge and Structure TRAC Competition

23 March 2022

Bentley Systems, Incorporated, the *infrastructure engineering software* company, and the American Association of State Highway Transportation Officials (AASHTO), a nonprofit and nonpartisan association representing highway and transportation departments in the United States, will present the annual Transportation and Civil Engineering (TRAC) contest for middle and high school students in a virtual setting on March 29.

Co-sponsored by Bentley, the AASHTO National Bridge and Structure TRAC Competition includes students from seventh to 12th grade who have designed innovative bridge projects using Bentley applications. Also sponsoring the event are HDR, Headlight, HNTB, Michael Baker International, TopoDOT, and WSP. This year, 84 teams submitted projects, and the nine teams that were selected as finalists will present in the online forum. This platform provides an opportunity to recognize students for their hard work, allowing them to virtually present their projects and demonstrate how they designed the bridges, as well as how they built models of their designs with balsawood.

Dustin Parkman, Bentley's vice president for transportation mobility, said, "The role of civil engineers is critical to transportation infrastructure. The hands-on experience of the TRAC program introduces students to civil engineering concepts and processes, inspiring them to imagine a future career in engineering. I'm proud that AASHTO, Bentley, the other sponsors, and the DOTs came together to provide this opportunity for the students to present their projects virtually and get the recognition that they deserve."

Julia Smith, AASHTO TRAC program manager, said AASHTO designed the program for use in science, technology, engineering, and math (STEM) classes to introduce students to transportation and civil engineering. "America's transportation industry has a huge demand for well-qualified civil engineers. TRAC's goal is to get middle and high school students exposed to and excited about a career in civil engineering. We see TRAC as an investment in today's youth, to ensure that America has the highly skilled workforce it's going to need for years to come."

CGS Names Sam Netzer New Country Manager for Israel

23 March 2022

CGS, a global provider of business applications, enterprise learning and outsourcing services, announced that it has appointed industry veteran Sam Netzer to the role of Country Manager for CGS Israel, a subsidiary of CGS, headquartered in the United States. Netzer brings more than 25 years' experience in general management, international strategy and outsourcing expertise.

With optimized call center resources to serve global clients, CGS offers a unique hybrid approach through automation and live agents in its contact centers located in North America, South America, Europe, Asia, Africa and the Middle East. Its AI-enriched chatbot and RPA technologies complement the customer support services provided by thousands of multilingual call center agents. CGS supports many of the world's industry-leading global brands from retail, hospitality, healthcare, technology and telecom. CGS's innovative, scalable and flexible business process outsourcing (BPO) solutions include technical and customer support, tele sales, channel enablement and back-office support.

"This is an exciting time and opportunity for me to lead the Israeli branch of a large international company that already provides an amazing service to a world-class roster of leading technology and

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consumer products companies,” said Netzer. “The outsourcing industry in the world and in Israel is undergoing significant change, with incredible opportunities to grow and further differentiate CGS from the competition by focusing on the highest level of customer service and satisfaction. Along with the entire Israeli team, I’m thrilled to build upon our successes and look to significantly grow our client base in the region.”

Steve Petruk, President for CGS Global Outsourcing division commented, “We are proud to have Sam join the CGS team in Israel. His extensive delivery and solutions experience is a welcome addition as we grow through the development and delivery of innovative solutions.”

Netzer is a technology and outsourcing services veteran, cited by industry analysts and experts as one of the pioneers in communications and telecom industry in Israel. Prior to joining CGS, Netzer was Founder and CEO of JAG, a consulting and project management company in the IOT/M2M, mobile and satellite industries. His background also includes being one of the founders of the 012 Gold Lines company, most recently holding the key position of vice president of global operations. Prior to that role, Netzer served as director of international services for Partner (formerly Orange) in Israel and has consulted for leaders, including Mobileye, Telit, Golan Telecom, Xfone and a host of regional technology start-ups.

Netzer received an MBA from Harriot-Watt University and bachelor’s degree in Political Science from Tel Aviv University. He also served in the Elite Army Intelligent unit for the Israeli Army service.

Digital Twin Consortium Announces Capabilities Periodic Table Framework

25 March 2022

The Digital Twin Consortium® (DTC), The Authority in Digital Twin™, announced the Digital Twin Capabilities Periodic Table (CPT). It is a definition framework organizations can use to design, develop, deploy, and operate composable digital twins (CDTs) with faster time to value. CDTs are application-based platforms that deliver service orchestration using packaged business capabilities (PBCs), modular combinations of technical capabilities presented as bundled services.

The Digital Twin CPT clusters capabilities around common characteristics using a period-table approach. The framework focuses on use case requirements versus technology solutions and architectures. Organizations can use the Digital Twin CPT to determine the capabilities they need to deliver successful digital twin solutions. They can also use it to analyze vendor solutions to ensure they align with use case requirements.

"The Digital Twin CPT is a 'must-have' framework for any organization who wants to start composing digital twins using a capability-based approach," said Dan Isaacs, CTO, Digital Twin Consortium. "In the future, we plan to publish a capability maturity model organizations can use to score their progress in developing digital twins."

The Digital Twin CPT framework facilitates collaboration in multidisciplinary or fusion teams that create specifications for digital twins for large-scale complex environments. The framework focuses on the capability requirements of individual use cases, which the team can aggregate to determine the capability requirements of a digital twin platform and the technology solutions they'll need to address specific business needs.

"Organizations can use the Digital Twin CPT framework in the boardroom to explain the business case to fund a digital twin project. They can also use it on the shop floor to gather digital twin application requirements," said Pieter van Schalkwyk, CEO, XMPRO and Co-chair, Natural Resources Work Group, Digital Twin Consortium. "It provides visual guidance for organizations to collaborate and brainstorm

on capabilities requirements."

Organizations can use the Digital Twin CPT across the entire life cycle of a digital twin; the capabilities may differ during the various phases, but the approach remains the same. Access the Digital Twin Capabilities Periodic Table User Guide, Toolkit, and Worksheet for more information. Access a complimentary interactive version of the Digital Twin CPT from our liaison partner AIoT User Group – as part of the Digital Playbook. Please watch the DTC webinar, "Digital Twin Capabilities Periodic Table for Composable Digital Twins," on March 30, 2022, at 4 pm EDT.

Emergency assistance to displaced Ukrainian AEC industry professionals — free Archicad and BIMcloud SaaS licenses

21 March 2022

The tragedy inflicted on Ukraine and its people continues to shock and sadden the international community. As we stated earlier, Graphisoft has suspended all new business activities in Russia and Belarus and for all sanctioned organizations and individuals and has disabled access to our commercial services in these countries.

We want to help as best we can — we are already coordinating and matching donations to associated charities, giving our colleagues paid time off to help or engage in charitable activities, and helping our employees and partners in the region. We also want to help our customers and the Ukrainian community of architects, designers, and engineers whose livelihoods have been so dramatically disrupted.

More than 3 million people have fled Ukraine as of mid-March and the numbers will continue to rise. From our contacts in the region, we know that many architects and designers have had to flee or are currently working remotely in Ukraine. As an example of how people are helping each other during these trying times, the Polish National Institute of Architecture and Urban Planning (NIAiU) has already launched an initiative to connect Ukrainian architects and designers with Polish practices.

We admire this program and want to extend it. We want to ensure that displaced architects and engineers can continue working without worrying about access to their design and collaboration software — whether they're abroad or working remotely in Ukraine. Graphisoft is offering this community free Archicad and BIMcloud SaaS licenses to help with this transition to new employment and/or remote work. This offer is also valid for firms in any country hiring displaced AEC industry professionals from Ukraine. You do not need to be a current Archicad user to take advantage of this opportunity.

How it works:

If you are an AEC industry professional from Ukraine looking for work abroad, working remotely abroad, or working remotely in Ukraine, click on graphisoft.com/contact-us/get-in-touch. Choose 'Emergency license for displaced Ukrainian AEC professionals' in the dropdown menu. Based on your location, you will be put in touch with a local contact who will work with you to obtain free Archicad and BIMcloud SaaS licenses. These emergency licenses are initially valid for six months. Architecture practices can get help hiring displaced architects and designers from Ukraine by contacting us using the same form.

We hope this can help remove at least one stress for now, and we look forward to helping more when and however we can.

GRAITEC – Advance Design Award 2022

21 March 2022

Graitec, as a global software editor in the Design, Structural, Fabrication, and Data Management arena, organizes an international contest dedicated to structural engineers and design offices.

The award is for the best practical use of Advance Design in Steel / Timber / Concrete design projects. This contest is open to customers who want to showcase their experience and technical knowledge through a project executed in Advance Design software. A professional jury will judge the projects. The final nominees and the winning projects will be made public to a wide audience through extensive marketing, including social media.

Award Calendar:

- 21.3.2022 Contest launch - Project submission opens
- 30.8.2022 Entries close - Deadline for project submission
- 10.9.2022 Project Confirmation - Confirmation and announcement of projects accepted
- 11.10.2022 Jury Deliberation - Selection of winners
- 19.10.2022 Announcement of Results - Announcement of winners at the Advance Design User Summit 2022

Contest criteria:

The independent contest jury will gather in October 2022 to evaluate the projects. The judging will be done under the guidance of a dedicated Graitec Group representative. The representative is in charge of the contest. The jury will evaluate the projects considering the following criteria:

- The technical level of the design, detailing and/or calculations.
- Originality and prestige of the project.
- Attractiveness, detail and presentation of the project.
- Optimal use of software's functionality.
- The "story" behind the project – difficulties overcome, innovative approaches, benefits gained, etc.

Jury:

An independent and international jury composed of academics and professionals in the field will judge the submitted entries. Meet the members of our jury:

- Francis Guillemard – Jury Chairman / GRAITEC President of the Group and Chairman of the board / France
- Rawad Assaf /SIMULATE Solution Tech Specialist Director/ Lebanon
- Olivier Chappat / Directeur(Trice) Structure / Legendre Construction / France
- Przemysław Kasza / BIM Technology Design / Poland
- Rodrigue Coyere / EIFFAGE CONSTRUCTION Structural design office / France
- Issam Geha / BIG-BEG / Lebanon
- Will Arnold / Institution of Structural Engineers / United Kingdom
- Joseph Pais / Chief Product Officer / France

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Jiri Bendl, GRAITEC, Vice President SIMULATE, comments: *“Through the Advance Design Award organizations we want to reward our customers for being members of the ever-growing SIMULATE community and we want to encourage students to use the best possible tools for structural analysis. It is a great pleasure for me to be part of this project!”*

HCL Technologies and NEORIS Sign Agreement for Integrated IT Services

22 March 2022

HCL Technologies (HCL), a leading global technology company, has signed a collaboration agreement with NEORIS, a leading global digital accelerator that co-creates disruptive solutions for digitally aspirational companies. The agreement will bring unique capabilities to clients in global markets, including the ability to increase application usage time, business management operations and integrated IT services.

As a result of this collaboration, both companies will be able to expand their operations and access new markets, making them better positioned to explore global markets. NEORIS, with more than 20 years of experience and global presence including operations in Latin America, will strengthen HCL’s presence in territories like Mexico and South America which offer great opportunities for commercial development. With operations in 52 countries, HCL Technologies will aid NEORIS in expanding its business internationally, primarily in the United States, Europe and Asia.

Together, NEORIS and HCL Technologies can speed up digital transformation, mitigate risks, empower teams based on product development, create a zero-incident culture and save costs. The solutions that NEORIS and HCL will offer together will focus on complementing approaches and solutions, new technologies and talent development among other areas of expertise.

"HCL Technologies and NEORIS will work together to find new business opportunities in a united effort, one where NEORIS will provide the best talent with the best skills in the market to reduce costs, time and risk," said Marcelo Costa, global head of strategic alliances at NEORIS. "We have positioned our centers of excellence to scale and meet the expectations of each business and deliver value. Our partnership enables us to provide the best services and solutions to our clients while positioning them for future success."

"We are delighted to offer this unique program to our clients in Latin America who are seeking ways to optimize their teams through best-in-class technology solutions," said Ajay Bahl, corporate vice president, HCL Technologies. "Our collaboration will also contribute to our continuous effort to build a great talent pool in Mexico to deliver industry-best service and capabilities to our customers."

L&T Technology Services aims to achieve carbon and water neutrality by 2030

21 March 2022

L&T Technology Services Limited, a leading global pure-play engineering services company, released its first Sustainability Report for the year 2020-21, with a roadmap to achieve carbon and water neutrality by 2030.

LTTS’ Sustainability Report covers its various ESG initiatives which are built on the pillars of transparency, accountability, responsibility, compliance and trust, to drive an ethically progressive and reliable business model, robust enough to meet emerging challenges. The report, conforming to the Global Reporting Initiative (GRI), presents LTTS’ sustainability efforts across its key elements for fiscal 2020-21.

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LTTS has identified Sustainability as one of its six ‘Big Bets’ on emerging technology areas and one that cuts across the other 5 Big Bets comprising Electric Autonomous and Connected Vehicles (EACV), 5G, MedTech, AI& Digital Products and Digital Manufacturing. LTTS’ Sustainability Practice is building engineering services-based innovative digital solutions that aligns with the customers’ sustainability roadmap.

LTTS has embraced net-zero as a core sustainability focus and will leverage its deep capabilities around energy transition and management, water and waste management, circular product design, digital intervention, sustainability consulting, and climate action for realizing this aspiration.

Amit Chadha, CEO and Managing Director at L&T Technology Services said, *“With our distinct pure-play engineering services proposition, our vision on Sustainability is to have organizational level involvement to better realize the goals for our global customers. This holistic approach also led us to recently restate our Vision as ‘Engineering a sustainable tomorrow through technology and innovation’ – underscoring the cultural transformation across the organization.*

I remain confident that LTTS will play a pivotal role in accelerating our customers’ transformation to a net zero future.”

SAP Announces CFO Luka Mucic to Depart Company in 2023

18 March 2022

SAP SE announced that the Supervisory Board has agreed with Luka Mucic, Chief Financial Officer and Executive Board Member, that he will depart the company on March 31, 2023.

The Supervisory Board has initiated the search for a successor. Mucic will continue in his full capacity as CFO until March 31, 2023.

“We are incredibly grateful to Luka for his 26 years of service and dedication to the company,” said Hasso Plattner, Chairman of the Supervisory Board of SAP SE. “During his tenure as CFO, SAP’s cloud revenue has risen from €1 billion to more than €9 billion. Luka and his leadership team have been a cornerstone of SAP’s successful cloud transformation and I know they will continue to execute excellently throughout this transition.”

Mucic is the third CFO in the company’s 50-year history. He took up the position in 2014, when he was also appointed to the Executive Board. Mucic started his career at SAP in 1996 as a member of the Corporate Legal department. After serving as CFO of SAP’s DACH region from 2008 to 2012, he became head of Global Finance and a member of SAP’s Global Managing Board in 2013. Mucic also oversees SAP’s sustainability efforts and is responsible for the Taulia and SAP Signavio business units.

“Luka has been a wonderful mentor throughout my career at SAP,” said Christian Klein, CEO and Executive Board Member. “His intellectual generosity, deep commitment to principle-based leadership and dedication to SAP and our customers have been an enormous benefit not only to me personally but also to the teams he leads and to our growth and success as a company.”

“I am immensely grateful to SAP for the opportunity to have played a part in our incredible journey and success,” said Luka Mucic, CFO and Executive Board Member. “It is a privilege to work with such talented and committed colleagues at a company truly dedicated to making the world run better.”

SAP Continues to Stand in Solidarity with the People of Ukraine

24 March 2022

Russia's ongoing unjustified war is a heartbreaking display of brutality and a violation of the fundamental principle of freedom that we share with Ukraine. We remain steadfast in our commitment to support Ukraine by stopping all sales and shutting down cloud operations in Russia, fully implementing international sanctions, and donating both technology and humanitarian aid.

On March 2, we stopped all sales in Russia and then Belarus. We have immediately implemented all international sanctions without exception, and are in constant contact with our government counterparts to remain aligned with their strategies to end this war. We appreciate the resolve and intelligence with which governments have come together on coordinated sanctions and welcome the announcement of new international sanctions expected soon.

Beyond implementing sanctions and stopping all sales, we are actively shutting down our cloud operations in Russia. We have received questions about SAP's ability to shut down all existing products for Russian customers. There are customers in Russia that have bought and deployed their SAP products on premise and run these products within their own internal IT departments. This means that regardless of any SAP decision not to provide support or engagement of any kind, these customers are still able to continue using these products independently of SAP.

To address the humanitarian and refugee needs on the ground, we are using our technology to help multi-national organizations across a range of aid efforts. One focus is ensuring aid groups and healthcare workers can get supplies. On March 9, we enabled suppliers on SAP Business Network to declare their readiness to provide humanitarian aid; some 1,500 have already done so. We're also helping the Ukrainian government order supplies for hospitals so that they can get urgently needed equipment as quickly and easily as possible.

Technology is just one of the resources we're offering. Total donations from SAP and our employees have surpassed €3 million and continue to grow. Over 4,000 employees have offered housing and other aid to refugees. We're also providing SAP office space to store donations such as medicine and food.

We stand with the global community in its efforts to stop this unjust war in Ukraine and we remain committed to supporting efforts to restore peace.

Strengthening our geospatial presence at Idox

24 March 2022

The Association for Geographic Information (AGI) has recently welcomed Idox as an Associate Member and will feature us in their next newsletter.

Alan Moore, Head of Geospatial at Idox, tells us more.

A leading supplier of specialist information management software and solutions to the public and asset intensive sectors, Idox software covers the natural and built environment, community assets and transportation. Recognising the fundamental importance of geospatial data to customer workflows and with a focus on digital transformation, Idox acquired three geospatial businesses in 2021:

- thinkWhere – a leading UK location data sharing, cloud GIS and geospatial services company,
- Aligned Assets – a leading provider of UK Address Management solutions, and
- Exegesis – an environmental, ecological and heritage GIS consultancy with customers in the UK, Europe and Africa.

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Our software brings teams together, automates tasks and enables better ways of working. The value we create for our customers supports improved efficiency by reducing operational costs, provides greater accuracy, and enables faster service delivery. Location is key to enabling this transformation. Idox is proud to offer a new suite of geospatial products, services and solutions to complement its broader portfolio of software systems.

Why we joined the AGI as an Associate Member

We are looking to expand our networks and support business growth through our AGI Associate membership.

Membership offers great opportunities for networking and collaboration across the geospatial community, suppliers, partners and its customers. Idox is looking to consolidate its position as a recognised leading geospatial solutions provider and support growth of the community. AGI has a leading reputation for the quality and reach of its local and national industry events and we look forward to contributing and supporting these activities.

As an Associate member we can also offer all our staff the benefits of being a named member. This helps to widen awareness of geospatial across the company as well as encouraging colleagues to help support their geospatial career and skills development.

Geospatial predictions over the next 12 months

We feel the next 12 months will see a continuation of recent geospatial trends for digital transformation, with greater demand for more sophisticated, intelligent data and more innovative technology solutions to handle that data effectively and with ease.

- The use of cloud GIS has rapidly accelerated because of the Covid pandemic, and this trend will continue at pace – the need to access data and systems anytime and from anywhere has become fundamental for effective business continuity.
- A greater awareness and commitment to better standards of geospatial data governance with a focus on security, ethics and quality.
- More advanced capabilities to easily visualise, interpret and analyse data – without needing to be a GIS professional.
- The increasing use of real-time, sensor driven geospatial data and the increased appliance of satellite data across more diverse business applications.
- A continued transition to the use of intelligent digital techniques eg. process automation, machine learning, and the use of artificial intelligence both to derive geospatial data and to provide more dynamic change monitoring.
- An increased requirement for the integration of indoor and outdoor geospatial data through the convergence of BIM, CAD and GIS.
- And of course, the continued increase in the adoption of open-source technologies.

Idox is looking forward to working with others in the network to help AGI inform, influence and act as a united voice for the UK's geospatial industry.

TECHNIA Statement on Ukraine

22 March 2022

Following European and international standards of conduct and sanctions, TECHNIA is taking all necessary steps to halt commercial operations in Russia. This strategy has been put into action

following the invasion.

Many TECHNIA employees have personal, professional, and familial ties to Ukraine. We are currently focused on ensuring the safety of our colleagues and their families in areas impacted by the war.

The entire TECHNIA organization is moved by this human tragedy. We are united in our support for the people of Ukraine. It is with great shock and sadness that we witness the war's tragic consequences. We see devastating reports of casualties and people fleeing their homes to seek safety.

Addnode Group, TECHNIA, and our employees wish to express our support and sympathy for the Ukrainian people's dire situation by making donations to three different international charity organizations' relief and recovery efforts in Ukraine.

The organizations are Médecins Sans Frontières (Doctors Without Borders), Red Cross International, and UNCHR.

Uptake Appoints Linda Bartman as President

22 March 2022

Uptake, a leader in industrial intelligence software-as-a-service (SaaS), announced the appointment of its Chief Operating Officer, Linda Bartman, to the role of President. She will continue to report directly to Chief Executive Officer Kayne Grau. As President, Bartman will be responsible for operations and the growth of the organization to meet increased customer demand.

“For over fifteen years, Linda has led and provided strategic oversight for technology organizations to scale,” said Kayne Grau, CEO, Uptake. “Linda’s transition into the President role is a natural extension of her leadership, expertise, and commitment to serving our customers. I am excited to have Linda continue to drive our expansion in line with the growing need for industrial intelligence.”

Earlier in her career, Bartman served as Chief Marketing Officer and COO at Trunk Club after it was acquired by Nordstrom (NYSE: JWN) — improving the subsidiary’s growth, profitability, and customer satisfaction. Prior to Trunk Club, Bartman held various senior executive roles at Cars.com (NASDAQ: CARS) and CDK Global (NASDAQ: CDK). In both companies, Bartman was critical to the expansion of the product’s core value through the integration of business intelligence and increasing operating efficiency, customer retention, and market share.

Since Bartman was named COO in January 2021, Uptake has widened its customer base in the asset-intensive industries. The company has transitioned from an Industrial AI platform to a subscription software business with offerings in unified data management, asset performance management, and advanced industrial analytics. Uptake Fleet — which provides on-highway vehicles with predictive analytics to improve uptime — has scaled to enterprise fleets including PepsiCo and United Road. Uptake has also enabled process-intensive companies like Capital Power, BHE Renewables, and Ensign to leverage their data as intelligence to increase asset and system productivity, mitigate risk, and advance sustainability initiatives.

Additionally, Bartman has led Uptake to build out critical programs to enhance the employee experience while operating primarily in a remote environment, resulting in improved employee retention.

“I am honored to take on this opportunity as President. As we continue to build Uptake in support of our customers’ needs, we are focused on accelerating the time to value that companies realize in making smarter decisions with industrial intelligence,” shared Bartman. “Just as importantly, I am focused on ensuring that our employees are highly engaged as we partner with asset-intensive companies to build a more reliable, sustainable, and safer working world.”

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The announcement of Bartman's transition into the President role comes as Uptake recently announced that Uptake Fusion is supporting Microsoft Azure Data Explorer, greatly reducing data wrangling and accelerating the development of impactful analytics. Uptake also recently announced its partnership with TruckSuite, increasing vehicle uptime and reducing roadside breakdowns for small fleets and owner-operators.

Event News

ALLPLAN invites Engineering Professionals to Digital Conference on the Future of Infrastructure

23 March 2022

ALLPLAN invites to its second virtual Build the Future – ALLPLAN Infrastructure Digital Conference on May 4, 2022. The event will focus on solutions and international practical examples from bridge and road construction. Eleven exciting specialist presentations from globally successful engineering firms and Allplan product experts are on the program. Participants can also expect to see what integrated digital infrastructure solutions look like now and in the future, as well as benefit from seeing practical implementation and workflows for daily work.

"We want to enable our customers to optimize infrastructure projects for efficiency from design to construction. This is the core of our design-to-build strategy", says Dr. Detlef Schneider, CEO of ALLPLAN. "At our digital conference, we bring together stakeholders in infrastructure projects to network online, learn about trends and prepare for a successful future."

Infrastructure projects from around the world

This virtual conference will kick off with presentations on Allplan infrastructure design solutions for roads and bridges. In addition to presenting the current solutions, product experts will provide tips and tricks for modeling bridges, terrain and roads. A new automated bridge modeling process will be presented, including methods such as parametric modeling with Visual Scripting and PythonParts.

International clients will present infrastructure projects of all sizes and complexity - from the largest infrastructure project in Europe, the Grand Paris Express, to the metro network in Portugal, a railway bridge in Brazil, a road construction project in Switzerland, and several impressive bridge construction projects in China, North America, Croatia, Germany and Romania. The engineers involved will report on best practices and experiences in the course of their projects.

Chat rooms and online discussions with leading engineers

There will be a number of chat rooms, hosted by experts, for online discussion on a broad range of topics from, road, terrain and bridge modeling, bridge analysis, through to reinforcement detailing, BIM and interoperability. The conference will be held in English - in the morning and in the afternoon. Participation is free of charge.

Invitation - Sandvik Capital Markets Day on May 17

17 March 2022

Sandvik has the pleasure to invite investors, analysts and financial media to its Capital Markets Day on May 17, 2022.

The event will be held at Epicenter in Stockholm and the presentations will also be broadcasted live on home.sandvik/investors with the opportunity to join Q&A sessions through conference call and online

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questionnaire.

The Capital Markets Day will focus on Sandvik's Shift to growth strategy. Presentations will be held by Stefan Widing, President and CEO and Cecilia Felton, CFO as well as by business area management.

Agenda in short 12:00–17:15 PM CEST:

- Exhibition
- Presentation Sandvik Group: Stefan Widing and Cecilia Felton
- Presentation Sandvik Mining and Rock Solutions: Henrik Ager
- Presentation Manufacturing and Machining Solutions: Nadine Crauwels and Christophe Sut
- Presentation Sandvik Rock Processing Solutions: Anders Svensson
- Q&A
- Mingle

The exhibition consists of recent acquisitions and innovations from each business area with a special focus on our Shift to growth strategy. It will be accessible to visit from 12:00 PM CEST.

The day will conclude with a mingle in the evening, open for those attending on site. To participate on site in Stockholm, please register on link, no later than May 4, 2022: [Registration](#) The number of seats are limited and your seat is not confirmed until you have received a confirmation e-mail.

To join online requires no pre-registration. The live webcast of the presentations can be followed on home.sandvik/investors

Please visit our website home.sandvik/investors for more information.

Dial-in details for the conference call:

- SE: +46 8 505 583 68
- UK: +44 333 300 92 73
- US: +1 646 722 49 02

Recordings of the presentations and the corresponding slides will be available on Sandvik's website no later than May 18.

KEY EXECUTIVES TO DISCUSS LATEST CHIP INDUSTRY DESIGN TRENDS AT SEMI ESD ALLIANCE 2022 CEO OUTLOOK: APRIL 28

21 March 2022

Key executives from leading semiconductor EDA and IP companies will gather to discuss the latest industry trends, challenges and opportunities Thursday, April 28, in Santa Clara, California at the annual CEO Outlook hosted by the Electronic System Design Alliance (ESD Alliance), a SEMI Technology Community. Registration is open.

CEO Outlook Panelists

- Anirudh Devgan of Cadence Design Systems
- Niels Fache of Keysight Technologies
- Aki Fujimura of D2S
- Joe Sawicki of Siemens EDA
- Simon Segars of Arm

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Semiconductor Engineering editor-in-chief Ed Sperling will moderate the panel.

The in-person event, co-sponsored by Keysight Technologies, will be held at Agilent's Building 5 at 5301 Stevens Creek Blvd. in Santa Clara, California, beginning at 5:30 p.m. with networking, food and beverages. The hour-long panel starts at 6:30 p.m. and is free for ESD Alliance and SEMI members. Pricing for non-members is \$49 per person.

The ESD Alliance Annual Membership meeting for members will be held prior to the start of the CEO Outlook beginning at 5 p.m. Non-members are welcome after registering for the event.

The Agenda Topics for PLM Road Map & PDT NA 2022 North America have been set!

24 March 2022



What: [PLM Road Map & PDT 2022](#)

When: May 24 & 25, 2022

Where: [The Marriott Tysons Corner](#), VA (metro Washington DC)

Theme: [Digital Transformation and PLM – a call for PLM Professionals to re-define and re-position the benefits and value of PLM](#)

Registration Information: [Early Bird Discount](#) in effect until March 31

Cost to Attend: <https://www.cimdata.com/en/education/plm-conferences/plmrm-pdt-na-2022/cost>

[Learn More About the Event](#)

[Early Bird Registration](#)

The *agenda topics* for PLM Road Map™ & PDT North America 2022 have been decided.

In keeping with our event theme for 2022, [Digital Transformation and PLM – a call for PLM Professionals to re-define and re-position the benefits and value of PLM](#), presentations will cover the following topics:

- Digital Skills Transformation—Often Forgotten Critical Element of Digital Transformation
- Digital Transformation and the Role of PLM
- CEO Spotlight: View From the Top: The Future of PLM in the Age of Digitalization A discussion with the CEOs of Aras, PTC, and Siemens Digital Industries Software
- Global Collaboration among OEMs and their Product Design and Manufacturing Engineering Partners and Suppliers – an update from the A&D PLM Action Group
- Digital Twin/Digital Thread - an update from the A&D PLM Action Group

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- Domain Knowledge: the link from PLM to Enterprise Lifecycle Management Realization
- Digital Transformation of Systems Engineering: Challenges and Opportunities
- Application of MoSSEC and NASA Standard 7009A to Airplane Design Variants
- Stretching the Digital Thread Across the Supply Chain
- Model-Based Systems Engineering Data Interoperability - an update from the A&D PLM Action Group
- The Digital Transformation of PLM: Where are the Humans?
- MoSSEC - A standard to improve decision-making for complex products - what it is, why it is needed, how does it work with other PLM standards, and implementation experiences
- The Sustainability Imperative

Stay tuned for the release of our full agenda!

Learn more at <https://www.cimdata.com/en/education/plm-conferences/plmrm-pdt-na-2022>

[Register Now to Take Advantage of our Early Bird Rates](#)

Financial News

Nemetschek Group: Excellent year 2021 - Double-digit growth with a high profitability expected in 2022

22 March 2022

The Nemetschek Group, a leading global provider of software solutions for the construction and media industries, continues to be positive for 2022 after a very successful fiscal year 2021. For 2022, the Group listed in the MDAX as well as TecDAX expects a strong increase in currency-adjusted revenues in the range of 12% to 14%. Simultaneously, Nemetschek will pursue the strategic goal of further increasing its recurring revenues, in particular by transitioning to subscription and software as a service (SaaS) models, which have already been a main growth driver in 2021 with a revenue increase of around 48%. The EBITDA margin is expected to remain at a high level between 32% to 33% in 2022. Nemetschek will therefore continue its long-standing growth record also in 2022.

"In 2021, Nemetschek once again impressively demonstrated its status as one of the leading software providers in the world for all phases in the construction process. In addition to the construction sector, we are also addressing a series of highly attractive markets with our fast-growing Media & Entertainment segment" says Yves Padrines, CEO of the Nemetschek Group. "I am therefore convinced that the growth and earnings potential of our Group remains huge, also given the currently still low levels of digitalization in our industries. My ambition is to bring the company into the next growth phase. We will therefore significantly strengthen our sales power in the coming years, use new technologies such as digital twins, AI, machine learning as well as virtual reality while continuing to invest in highly innovative start-ups, thus continuing Nemetschek's development and further strengthen its unique reputation in the software industry."

Key Group figures for 2021

- Group revenues increased by 14.2% (currency-adjusted: 15.6%) to EUR 681.5 million. The growth at constant exchange rates was therefore slightly above the forecasted corridor of 12% to 14% which was

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already increased in July 2021.

- As in previous years, revenues from subscription/SaaS were a key growth driver with an increase of 46.0% (currency-adjusted: 47.7%) to EUR 132.0 million. Consequently, the share of recurring revenues which includes service contracts as well as rental models increased further to 61.1% of group revenues.

- Consolidated operating earnings before interest, taxes, depreciation and amortization (EBITDA) grew over-proportionally compared to revenues by 28.8% to EUR 222.0 million. As a result, the EBITDA margin expanded by 3.7 percentage points to 32.6%. This result was above the forecasted corridor of 30% to 32%, which was raised in July.

- Net income (Group shares) increased by 38.9% to EUR 134.6 million. Accordingly, earnings per share grew to EUR 1.17 (2020: EUR 0.84 per share).

- The increase in cash conversion to 96.6% (previous year: 91.4%) as well as the equity ratio of 51.4% demonstrate the Group's very healthy financial position, which is geared towards further growth.

- The Executive Board and the Supervisory Board propose a dividend of EUR 0.39 per share for the financial year 2021, corresponding to an increase of 30%.

Strategic focus areas in 2021

In addition to the very strong operational performance, the Nemetschek Group also achieved important strategic progress in 2021:

- In the Media & Entertainment segment, Nemetschek significantly expanded its product portfolio and customer base following the successful subscription conversion and integration of the US acquisitions of Redshift and Red Giant by Maxon. In addition, Maxon further strengthened its position by acquiring Pixologic, a leading provider of 3D sculpting and painting software. Maxon has thereby solidified its leading position in the dynamically growing 3D animation market, which is currently estimated to be around EUR 16 billion.

- In 2021, Nemetschek invested in three young and highly innovative start-ups from Germany, the USA, and Norway in order to further increase its innovative strength and to cover important future topics such as digital twins, real-time project monitoring or quality control based on AI at an early stage.

- With the merger of selected brands, know-how and capacities were bundled with the goal to offer customers more integrated solutions from a single source in the future while simultaneously increasing the internal efficiency.

Overview segment performances and highlights in 2021

- In the Design segment, revenues increased at a double-digit rate of 11.7% (currency-adjusted: 12.7%) to EUR 351.8 million in 2021. Subscription revenues contributed to this growth with a strong increase of 61.1%. The segment EBITDA grew over-proportionally compared to revenues by 24.1% to EUR 118.9 million. The corresponding EBITDA margin consequently improved by 3.4 percentage points to 33.8%.

- In the Build segment, revenues increased by 14.9% (currency-adjusted: 17.1%) to EUR 221.8 million. The growth was mainly driven by the strong demand of international customers and SMEs for collaboration, cloud and mobile solutions. At the same time, cloud and mobile capabilities were further enhanced in order to make the transition to subscription/cloud starting in H2-2022 as attractive as possible. The EBITDA increased significantly by 31.0% to EUR 91.8 million, corresponding to an EBITDA margin of 41.4% (previous year: 36.3%).

- The Media & Entertainment segment recorded a strong increase in revenues of 27.7 % (currency-adjusted: 29.8 %) to EUR 70.5 million. The significantly increased customer base Maxon has gained

CIMdata PLM Industry Summary

through its flagship product Maxon ONE and the successful conversion to subscription were important success factors. EBITDA grew faster than revenues to EUR 25.5 million, and the EBITDA margin increased by 8.1 percentage points to 36.2%.

- In the Manage segment, revenues increased by 7.0% to EUR 43.7 million. Just like in the previous year, Covid-19 led to a continued restraint demand from the important customer group of facility managers. The EBITDA increased by 10.1% to EUR 4.1 million.

Outlook 2022

The Nemetschek Group will continue to develop its successful business model by remaining focused on innovation leadership, its sales strength, its customer proximity as well as by means of targeted investments in start-ups and innovative companies. Thanks to the enormous market potential along with the unchanged fundamental growth drivers, Nemetschek's executive board looks positively into 2022.

The executive board therefore expects a revenue growth at constant exchange rates in the range of 12% to 14% for the Group in fiscal year 2022. The benefits of the stronger shift to subscription/SaaS models will additionally lead to a higher value generation and further accelerate the Group's growth in the coming years. The EBITDA margin is targeted to be between 32% and 33%.

The outlook is based on the assumption that there will be no significant deterioration in the global macroeconomic as well as industry-specific conditions in 2022, in particular in the light of the recent growing global economic risk due to the war in Ukraine.

Overview of quarterly key figures (Q4)

In EUR million	Q4 2021	Q4 2020	Δ in %	Δ in % FX-adj
Revenues	187.9	160.1	+17.4%	+15.2%
- thereof software licenses	65.9	58.0	+13.5%	+11.3%
- thereof recurring revenues	114.1	93.6	+21.9%	+19.6%
- Subscription (part of recurring revenues)	38.9	26.9	+44.6%	+41.8%
EBITDA	61.7	43.0	+43.5%	+38.5%
Margin	32.9%	26.9%		
EBIT	49.0	30.4	+61.1%	+56.5%
Margin	26.1%	19.0%		
Net income (Group shares)	37.8	29.2	+29.5%	
Earnings per share in EUR	0.33	0.25	+29.5%	

CIMdata PLM Industry Summary

Net income (Group shares) before amortization of purchase price allocation (PPA)	42.1	33.2	+26.8%
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Earnings per share before PPA in EUR	0.36	0.29	+26.8%
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Overview of quarterly key figures per segment (Q4)

In EUR million	Q4 2021	Q4 2020	Δ in %	Δ in % FX-adj.
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Design

Revenues	97.8	85.6	+14.2%	+13.1%
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EBITDA	35.8	19.7	+81.5%	+77.7%
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EBITDA margin	36.6%	23.0%		
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Build

Revenues	60.7	48.7	+24.5%	+20.4%
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EBITDA	23.4	15.2	+53.8%	+46.1%
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EBITDA margin	38.5%	+31.2%		
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Manage

Revenues	10.8	11.7	-7.7%	-7.9%
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EBITDA	0.8	-0.4	-	-
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EBITDA margin	7.9%	-3.6%		
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Media & Entertainment

Revenues	20.5	15.9	+29.0%	+26.3%
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EBITDA	6.8	4.1	+62.8%	+51.0%
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EBITDA margin	33.0%	26.2%		
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Overview of full year key figures

In EUR million	12M	12M	Δ in %	Δ in %
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	2021	2020	FX-adj	
Revenues	681.5	596.9	+14.2%	+15.6%
- thereof software licenses	234.8	210.0	+11.8%	+13.4%
- thereof recurring revenues	416.7	359.0	+16.1%	+17.5%
- Subscription (part of recurring revenues)	132.0	90.4	+46.0%	+47.7%
EBITDA	222.0	172.3	+28.8%	+30.4%
Margin	32.6%	28.9%		
EBIT	172.0	122.5	+40.4%	+42.3%
Margin	25.2%	20.5%		
Net income (Group shares)	134.6	96.9	+38.9%	
Earnings per share in EUR	1.17	0.84	+38.9%	
Net income (Group shares) before amortization of purchase price allocation (PPA)	153.9	115.2	+33.6%	
Earnings per share before PPA in EUR	1.33	1.00	+33.6%	

Overview of full year key figures per segment

In EUR million	12M 2021	12M 2020	Δ in %	Δ in % FX-adj.
Design				
Revenues	351.8	314.9	+11.7%	+12.7%
EBITDA	118.9	95.9	+24.1%	+24.6%
EBITDA margin	33.8%	30.4%		
Build				
Revenues	221.8	193.0	+14.9%	+17.1%

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EBITDA	91.8	70.1	+31.0%	+32.9%
EBITDA margin	41.4%	36.3%		
Manage				
Revenues	43.7	40.9	+7.0%	+6.9%
EBITDA	4.1	3.7	+10.1%	+4.8%
EBITDA margin	9.3%	9.0%		
Media & Entertainment				
Revenues	70.5	55.2	+27.7%	+29.8%
EBITDA	25.5	15.5	+64.3%	+64.8%
EBITDA margin	36.2%	28.1%		

Implementation Investments

Accenture Federal Services Wins \$118 Million U.S. Department of State Data Management Contract

21 March 2022

Accenture Federal Services (AFS), has won a five-year, \$118 million U.S. Department of State contract to deliver data management support for the agency's Bureau of Consular Affairs.

Specifically, AFS will support the agency with fraud reduction and data replication services associated with passports and visas. Additionally, AFS will provide data engineering support for a State Department database that serves as a hub for information flow between other branches of the U.S. Government to support homeland security.

"Emerging technologies play an essential role in how quickly and efficiently federal agencies can glean meaningful insights from their data assets," said AFS CEO, John Goodman. "AFS is thrilled to support the State Department with automating and standardizing the way data is shared to enhance operational speed and quality for the agency."

The State Department is exploring implementing technologies such as cloud, artificial intelligence, and machine learning (AI/ML) capabilities.

"AFS is excited to build upon our long-standing, trusted relationship with the U.S. Department of State," said AFS Client Account Lead, Susie Rainey. "We look forward to applying new methods for improved data-sharing among the State Department's partners to support its mission to lead America's foreign policy and advance the interests of the American people."

Ansys Enables Complex Safety Design for Vestas Wind Turbine Controllers in the Race to Net Zero

22 March 2022

Long-term Ansys customer Vestas extended its use of Ansys simulation across its entire product chain to help it create safer wind turbine control solutions. Ansys solutions enabled a more complex wind turbine control system design that delivers additional value and numerous competitive advantages to Vestas customers in the race to net zero.

Wind turbine controllers are responsible for optimizing power performance and preventing component damage across the range of wind conditions. Instead of relying on third-party programmable logic controllers (PLCs), Vestas wanted to integrate more safety capabilities into a unique system design, with the flexibility to execute safety functions in more distributed, complex ways. To be successful, the Vestas team needed to address complex sensor fusion (merging data from multiple sensors) and create control algorithms requiring more system power.

Vestas used Ansys SCADE's Model-Based Software Development Environment to implement wind turbine controllers that successfully met its unique system design and certification requirements. SCADE supports product-agnostic variant builds with very few parameters which can be changed from one turbine to another. This activity drives better turbine designs at lower price-performance ratios for customers.

"SCADE continues to be our go-to for addressing complexities inherent in our wind turbine components," said Keld Hammerum, senior specialist, functional safety business unit power solutions at Vestas. "We're pleased with the recent improvements to SCADE Test we've seen in the past three years, and the support we've received from Ansys. Reusing Ansys SCADE application software models within our own simulation framework helps drive more reliable, better simulations that ultimately produce more competitive turbine designs for us."

"Ansys SCADE helps Vestas to develop the advanced and complex software customers are asking for in a wind turbine design, making it easier to demonstrate compliance with relevant safety standards such as IEC 61508," said Shane Emswiler, senior vice president of products at Ansys. "Running specialized SCADE models in various simulation environments leads to improved simulation results. We will continue to support Vestas' commitment to developing safe, sustainable energy solutions."

Atos ensures effective and secure delivery of the Olympic and Paralympic Winter Games Beijing 2022

17 March 2022

The Olympic and Paralympic Winter Games Beijing 2022 ended after a successful edition, despite the unique context in which the event was held. These games saw more than 3,400 athletes compete, supported by key digital systems which were orchestrated and secured by Atos, leveraging its global digital platforms, infrastructure, and cloud orchestration expertise. For 30 years, Atos has been supporting the Olympic and Paralympic Games, driving digital innovation so all sports fans can experience the athletes' achievements in real-time from anywhere, and on any device. No rest for the brave: Atos teams have already started to work on the preparation of the Olympic and Paralympic Games Paris 2024.

Orchestrating the digital backbone behind 187 competitions

As the **Worldwide IT Partner of the International Olympic Committee (IOC) and International**

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Paralympic Committee (IPC), as well as the lead integrator, Atos has run and orchestrated the key digital IT systems that helped to safely and securely deliver the Beijing 2022.

Atos provided more than 50 critical IT applications which supported the smooth running of the overall event, including 187 competitions over a month-long period. These included the **Olympic Management System** which supported the planning and operations (accreditations, workforce management, volunteer portal, competition schedule, sports entries and qualifications, eVoting) and the **Olympic Diffusion System** delivering real-time results to fans, journalists, and broadcasters worldwide. Atos also **secured the IT infrastructure** with cloud-based security services, including a Security Operations Center (SOC), a Computer Security Incident Response Team, endpoint detection and response, and vulnerability assessment services.

Bringing in key cloud orchestration expertise

In a first for the Games, Atos deployed its systems on a **public cloud**. This resulted in the need to create applications that could run on different IT environments and to implement innovative technologies and ways of working, such as Edge computing or DevSecOps, in order to bring more security and agility to the whole architecture. All critical systems were orchestrated in the cloud from Atos' Central Technology Operation Center in Barcelona, building on Atos' cloud orchestration expertise.

"The Olympic and Paralympic Winter Games Beijing 2022 saw billions of engagements across digital platforms, testifying to the growing popularity and connectivity of the Games. For this edition, the Atos teams once again had to be very agile, as the Tokyo 2020 Games took place a year later than planned," said **Rodolphe Belmer, Chief Executive Officer, Atos**. *"We are proud of our 30-year contribution to the Olympic and Paralympic movement and are now focused on our next challenge: the Olympic and Paralympic Games Paris 2024. A century after the last Olympic Games in Paris, we are more than happy to welcome the 2024 edition in our home city. No doubt these Games will be exceptional!"*

"The Olympic Games have always been at the forefront of technological innovation. And Beijing 2022 was no exception thanks to our Worldwide Olympic Partner Atos, who played a key role in our approach and in the IT orchestration, and helped deliver safe and secure Games," said **Thomas Bach, President of the International Olympic Committee (IOC)**. *"As a TOP partner, Atos is delivering key services that are the driving force of the Olympic Movement."*

"We like to think of the Atos team as our silent partner. We do not see them but we know that they are in the background performing an absolutely essential role. Their delivery of key IT systems for the Paralympic Games allows us to engage with a worldwide audience and deliver a message of inclusion," said **Andrew Parsons, President of the International Paralympic Committee (IPC)**. *"Over the nine days of competition our athletes exemplified how Change Starts With Sport. And by connecting, securing and digitally enabling the Beijing 2022 Paralympic Winter Games to all stakeholders worldwide, the Atos teams played an important role in helping us tell the story of how our Games are a platform for disability visibility, accessibility, and equality of rights."*

Beijing 2022: Facts & Figures

- **187 events** in the Olympic and Paralympic Winter Games program with near-instant transmission of results to fans, journalists, and broadcasters
- **Billions of viewers**
- **100,000 hours of technical testing**
- Over **64 million people** used the results webpage in the official Olympic website and app – a

world-record for Olympic Winter Games

- **+250,000 accreditations** issued, which also served as a secure official border entry document into China
- **118,802 participants** managed through the workforce system, including the Organizing Committee of the Olympic and Paralympic Games employees, the 18,000 volunteers...
- **+850,000 secure data transactions from the Olympic Management System** to integrated third party systems
- **Physical servers reduced by nearly 30%** compared to previous Winter Games editions – operating from 257 servers in PyeongChang 2018 to just over 179 in Beijing 2022

Award-Winning Riverina Water Taps Infor for Landmark Digital Transformation Program

23 March 2022

Infor, the industry cloud company, announced that Riverina Water has rolled out Infor CloudSuite Public Sector to power the organisation's landmark digital transformation project following a competitive tender process. Riverina Water will deploy Infor's cloud solution across multiple disciplines that will ensure the water utility meets the demands of a digitally-connected world where customers expect 24/7 easy functionality with real-time transaction capabilities at their fingertips.

The winner of the prestigious Sam Samra Award is spearheading the creation of a new customer-centric enterprise software platform to meet customer expectations and improve integration with asset management and financial systems. Riverina Water will tap into Infor CloudSuite Public Sector, which includes Infor Financials & Supply Management, Infor CIS Billing for customer and billing management, and Infor Birst for integrated planning, budgeting, forecasting and financial consolidation, business intelligence and analytics.

With Infor CloudSuite Public Sector, Riverina Water will be able to overcome current challenges with legacy systems to better control costs, future-proof IT investments and enhance service delivery to more than 76,000 customers across four local government areas in southern New South Wales (NSW).

"Riverina Water has built a strong foundation as one of the best local water utilities in NSW, with a commitment to providing safe and reliable drinking water to our growing region," said Andrew Crakanthorp, CEO at Riverina Water. "To be recognised with the Sam Samra Award is the highest honour and highlights the important steps we have taken in recent years to achieve our goals, backed by the development and implementation of strategy and long-term planning."

"We are happy to work with Infor as our strategic partner to achieve Riverina Water's transformation goals. After a very robust tender process and a large pool of participants, Infor ultimately won our trust for their deep industry knowledge, experience in deploying major digital transformation programs in entrenched legacy environments, and agile ability in responding to our needs," Crakanthorp said.

"Infor's purpose-built CloudSuite solution will improve Riverina Water's ability to deliver better outcomes for internal and external stakeholders, and help drive Riverina Water to further becoming a customer-centric leading utility service provider."

Infor has global expertise in successfully guiding utilities, building out a strong customer base of water companies and public sector entities in their digital transformation journey. Notable customers in the Australia/New Zealand (ANZ) region include the largest water authority in New Zealand, Watercare, as well as six of the 18 water corporations across Victoria, Australia. Large U.S.-based water authority

Elsinore Valley Municipal Water District is also a customer.

“We are immensely proud and thrilled to be collaborating with NSW’s best local government water utility as a trusted partner in the delivery of its critical, whole-of-business digital transformation program,” said Jarrod Kinchington, vice president & managing director of Infor Australia/New Zealand. “With Infor, Riverina Water will find solutions finely tuned in the cloud that are robust, flexible, intuitive and easy to use — all key ingredients to address rapidly-evolving customer expectations in a highly-digitised world.”

Baker Hughes Collaborates with C3 AI, Accenture and Microsoft on Industrial Asset Management Solutions

22 March 2022

Energy technology company Baker Hughes is collaborating with C3 AI, Accenture and Microsoft on industrial asset management (IAM) solutions for clients in the energy and industrial sectors.

The collaboration will focus on creating and deploying Baker Hughes IAM solutions that use digital technologies to help improve the safety, efficiency, and emissions profile of industrial machines, field equipment, and other physical assets. Applying their individual strengths, the four companies will collaborate on Baker Hughes IAM capabilities that help optimize plant equipment, operational processes, and business operations through improved uptime, increased operational flexibility, capital planning, and energy efficiency management.

The solutions will be designed for industries including oil and gas; renewable energy and thermal power generation; metals and mining; chemicals; and pulp and paper.

Baker Hughes, C3 AI, Accenture and Microsoft will also explore collaborating on solutions that help achieve net-zero carbon emissions and decarbonize energy and industrial sectors, including emissions management.

This collaboration accelerates our growth strategy to provide differentiated IAM solutions that enhance our customer’s industrial operations by optimizing the performance of industrial equipment and processes,” said Lorenzo Simonelli, Baker Hughes chairman and CEO. “IAM connects industrial data to domain-specific insights for improved efficiencies and lowered energy use and emissions. We see this as an important step to support the industry’s net-zero targets.”

Baker Hughes, C3 AI, Accenture and Microsoft have a history of strategic collaboration, and each company brings specific expertise to accelerate IAM solution development for energy and industrial applications. Baker Hughes will provide domain-specific digital expertise and technology for industrial customers, including leading condition-monitoring software for mission critical machinery, industrial asset strategy advisors, proven machine and equipment edge sensor and related controls capabilities, enterprise AI capabilities from the BakerHughesC3.ai alliance for oil and gas and industrial applications, and proprietary original equipment manufacturer (OEM) analytics. Baker Hughes’ IAM portfolio also includes the recent acquisition of ARMS Reliability and a strategic alliance with Augury.

C3 AI will provide a flexible artificial intelligence (AI) application development platform that complements Baker Hughes technologies as well as extensive experience developing and deploying applications at scale for a wide range of equipment used across industries.

Accenture will help drive product innovation, design and development and provide strategic support and systems integration at scale, drawing on its experience to transform asset management across industries to help improve profitability and reduce risk.

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Microsoft will provide secure cloud infrastructure for big data, advanced Microsoft Azure services including AI, Internet of Things (IoT), high performance computing (HPC) as well as modern work and business applications.

“This is an important effort, and we’re excited to participate in providing the core Enterprise AI technology,” said C3 AI Chairman and CEO Thomas M. Siebel. “Enterprise AI software is critical for increasing performance and ROI from industrial assets management solutions.”

“Through this unique collaboration, we are helping companies embed intelligence across their operations to increase performance and safety, advance decarbonization goals, and drive greater innovation and competitiveness,” said Julie Sweet, chair and CEO of Accenture.

“Together, we have a tremendous opportunity to deliver cloud-based technologies across customers’ industrial operations that enable them to reduce costs and increase efficiencies while advancing their net zero goals,” said Judson Althoff, Microsoft’s executive vice president and Chief Commercial Officer.

Cadence Selected by Microsoft for RAMP Phase II Program

22 March 2022

Cadence Design Systems, Inc. announced that it was selected to participate in the Microsoft Rapid Assured Microelectronics Prototypes (RAMP) Phase II initiative. The RAMP program is an initiative within the Department of Defense (DoD) that NSWC Crane facilitates through the Strategic & Spectrum Missions Advanced Resilient Trusted Systems (S2MARTS) Other Transaction Authority (OTA) powered by National Security Technology Accelerator (NSTXL). The initiative focuses on the advancement of State-of-the-Art (SOTA), secure microelectronics design methods. As part of the Phase II program, Cadence is providing best practice recommendations and security integrations with its digital and verification design flows for advanced system-on-chip (SoC) designs from select defense industrial base prototype designs. The plan is to have the secure design environment integrated into the Microsoft Azure-based deployment infrastructure to support state-of-the-art microelectronics development for mission-critical aerospace and defense applications.

The RAMP program focuses on utilizing commercial best practices to establish design requirements for new and emerging government application areas, including 5G and artificial intelligence (AI). Cadence is participating in multiple tasks associated with this initiative, including applying its leading commercial solutions to the secure chip design, test, and verification process to ensure it is seamless.

“Accelerating the development cycle for advanced silicon with first-pass success is essential for driving secure microelectronics innovation,” said Nimish Modi, Senior Vice President, Marketing and Business Development, Cadence. “With our continued focus on developing the most advanced computational software solutions, Cadence is well-positioned to deliver a rapid and effective design flow between the front-end design capture and verification phase to the implementation of secure silicon devices.”

“Cadence’s participation in the RAMP program brings performance-optimized flows for the DoD’s use on Microsoft Azure,” said Mujtaba Hamid, General Manager, Silicon, Modeling and Simulation, Microsoft. “With this, we established a more comprehensive EDA design environment for the development of advanced microelectronics to facilitate the delivery of new aerospace and defense applications securely and efficiently.”

Both the digital full flow and verification full flow offerings support the aerospace and defense industry and align with Cadence’s broader Intelligent System Design™ strategy.

Centric Software Welcomes First Customers in India

23 March 2022

Centric Software[®], the Product Lifecycle Management (PLM) market leader, is celebrating its latest partnerships with three successful companies in India. 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, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

Retailer Trent Limited, apparel brand Ethnicity and jewelry manufacturer Derewala have become the first three companies in India to harness Centric PLM, the intuitive, configurable, easy to use, mobile, cloud-based PLM software. All three companies cited spreadsheet chaos, a widespread challenge across the industry, as a main driver for adopting PLM. Searching through numerous spreadsheets, files in multiple emails and out-of-date versions will be a thing of the past. With Centric PLM, all product development information can be found in a single, digital hub, accessible to all departments when they need it.

Kripya, Centric's trusted partner for over a decade is leading the implementation of Centric PLM for Trent Limited, Ethnicity and Derewala. Kripya has already successfully rolled out Centric PLM for multiple global brands, retailers and manufacturers of different sizes and levels of complexity such as Li & Fung, ASICS, Brandix, Hirdaramani, MAS Holdings, VT Garment and SHOEfabrik. Since inception, Centric PLM projects have a 100% go-live and 97% referenceability rates, emphasizing the customer satisfaction of its 500+ customers.

Venkatesh Narasimhan, Chief Operating Officer at Kripya Solutions Pvt Ltd, comments, "Kripya has amassed considerable best practices in working with innovative, market-leading brands, retailers and manufacturers from around the globe." He continues, "By combining the best of Silicon Valley innovation and local knowledge, we will streamline activities for Trent Limited, Ethnicity and Derewala. These companies can expect boosted visibility throughout product development and enhanced team and external collaboration."

Ravi Rangan, Chief Technical Officer and VP Client Services at Centric Software says, "It is fantastic to progress Centric's relationship with Kripya, a premier PLM Consulting firm and Centric's closest partner, towards our deployments in India. With over a decade of Centric deployment partnership, Kripya is tightly integrated into Centric's processes and governance. Together we will empower three leading Indian companies to realize the gains in collaboration and speed-to-market they seek with Centric PLM."

"We are proud to welcome Centric's newest customers from India," says Chris Groves, President and CEO of Centric Software. "Hand in hand with Kripya, Trent Limited, Ethnicity and Derewala will see a boost in efficiency by laying their digital product development foundation."

Damen Shipyards Uses Matterport Digital Twins to Accelerate Workflow and Enhance the Customer Experience

22 March 2022

Matterport, Inc., the leading spatial data company driving the digital transformation of the built world, announced that Damen Shipyards Group ("Damen"), a Dutch-owned shipbuilding company with operations in 120 countries and delivering 175 vessels annually, has adopted Matterport digital twins to facilitate remote collaboration for internal and external stakeholders. With access to Matterport's rich,

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dimensionally accurate data, Damen has applied an innovative approach to drive customer satisfaction.

“When we discovered Matterport, we quickly realized the power of the digital twin to unlock collaboration and engagement with our designers and our customers,” said Jan-Jaap Eits, Assistant Project Manager at Damen Shipyards. “Today, we use Matterport to allow our customers to remotely review and inspect every compartment and detail of a vessel within a 3D space. Internally, our design and engineering teams have access to detailed measurements and layouts to further enable them to work more efficiently and avoid costly and time-consuming site visits.”

Across its Workboat Division, including its major shipyards in China, Turkey and Vietnam, Damen uses Matterport Pro2 3D cameras to capture digital twins of its vessels. With access to a 3D space in the planning stage, customers can examine the layout and placement of equipment and request modifications if desired. Once a design is finalized, Damen shares its digital twin internally with their service department, enabling them to gain a better understanding of the vessel when it is completed and delivered. In addition, the Measurement Mode capability within a Matterport digital twin allows Damen’s design and engineering personnel to verify measurements down to the centimeter, including room layouts and the placement of everything from windows and doors to hardware and equipment, all without conducting a site visit.

With its growing library of digital twins, Damen developed a 3D archive of its vessels to support bookkeeping efforts and to prevent operational difficulties in the future. In addition, the company’s digital record of its builds will facilitate knowledge transfer and training when longtime Damen employees retire or leave the company in the future.

“The growing adoption of Matterport across several industries, from store management to commercial boats, demonstrates that digital twins add operational efficiency and engage customers throughout their journeys,” said Conway Chen, VP of Business Development and Strategy at Matterport. “With Matterport digital twins at their fingertips, Damen is able to further advance its reputation as a technology-driven organization focused on providing the best experience for its customers.”

Eberl Deploys Matterport for Mobile with the New Axis Motorized Mount to Document Insurance Claims

17 March 2022

Matterport, Inc., the leading spatial data company driving the digital transformation of the built world, announced that Eberl, a top 4 U.S.-based insurance adjusting company, has improved its total claims cycle time by 15 percent and increased new customer acquisition by 200 percent since adopting Matterport digital twins. Combining the Matterport Capture App with Matterport Axis allows the Eberl adjusters to create an accurate visual audit of the loss with the convenience of their smartphone while reducing their time spent in the field.

“With Matterport directly at their fingertips, our adjusters can easily access rich, visual data and precise measurements that reduce the need for return trips, reinspection requests, phone calls and follow-up emails,” said Chris Cowan, Vice President, Operational Strategy at Eberl. “Digital twins have helped our adjusters work smarter, and their agility enhances the experience of our clients and subsequent policyholders. When we outline the value of digital twins to new and existing insurance carriers, they are eager to engage and adopt, which has had a tremendous impact on the growth of our business.”

While in the field, Eberl adjusters use the Matterport Capture App with Matterport Axis, the new, hands-free motorized mount accessory that increases the speed and precision of creating a digital twin to document an insurance loss. Adjusters can add notes, review measurements, and collaborate remotely

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with insurance carriers, policy holders, contractors, and other stakeholders using the digital twin. As part of a Matterport Axis beta program, Eberl adjusters added the motorized mount to streamline complex claims where multiple captures were required. As a result, adjusters completed their assessments faster and with greater accuracy and consistency.

Equipped with the immersive Matterport digital twin, Eberl is able to supplement the claim file with dimensionally accurate ground truth to contextualize the claim story. Eberl can also share a copy of the digital twin with their insurance carriers to ensure the claim is settled fairly and policyholders can work more quickly to restore their lives after devastating events.

“With the insurance landscape being incredibly competitive, claims solutions providers like Eberl can differentiate themselves by diversifying their products and services to align with the needs of their carriers,” said Kimberly Burdi-Dumas, Global Director of Insurance at Matterport. “Insurance is one of the fastest-growing categories at Matterport and we are excited to see Eberl take part in the digital transformation of the insurance industry by integrating the Matterport platform into their everyday workflows and processes. Digitizing spaces on smartphones with Matterport Axis is a new offering the industry can use to quickly write proper insurance policies and accelerate claim resolution.”

Fletcher Building Partners with TCS and Google Cloud to Drive Growth through Data and Digital Innovation

21 March 2022

Tata Consultancy Services (TCS) and Google Cloud announced that they have partnered with Fletcher Building to build a flexible, Google cloud-based enterprise platform to support long-term growth and innovation.

With operations in New Zealand, Australia and the South Pacific, Fletcher Building has more than 25 different businesses across manufacturing, distribution, retail, home building, and major infrastructure projects. With numerous different ERP systems, a myriad of business processes, and the growing need for a comprehensive view of its customers, Fletcher Building launched the Digital@Fletchers program to drive technology-led change and growth in the business.

Fletcher Building is partnering with Google Cloud and TCS to implement enterprise-grade, cloud capability to run its mission-critical enterprise workloads to enable greater uptime and flexibility, develop its customer data strategy to create an end-to-end understanding of customer needs and behaviours, and to respond quickly to market changes and opportunities.

TCS will use its multi-horizon cloud transformation framework and extensive cloud experience to help Fletcher Building build a new future-ready digital core using Google Cloud. This foundation will simplify the infrastructure landscape, reduce technology debt, host mission-critical workloads, provide a unified view of its customers and enable future innovation.

“We see digital as a key driver of transformation, growth and innovation at Fletcher Building,” said **Daniel Beecham, Chief Information Officer, Fletcher Building**. *“As we continue to ramp up our ecommerce, digitisation, automation and data analytics functions, we need a stable and secure technology platform that can cater to our needs today—and support us into the future. Google Cloud's powerful data and analytics capabilities and its co-innovation agenda with SAP, combined with TCS' domain industry knowledge and cloud engineering expertise, made it the logical choice to underpin Digital@Fletchers.”*

“Building for the future starts with having the right digital foundations,” said **Alister Dias, Vice President Google Cloud, Australia and New Zealand**. *“By partnering with Google Cloud and TCS,*

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Fletcher Building is now able to modernise its mission critical systems for greater scalability and availability, build its data capabilities and deepen connections with customers – all on the industry’s cleanest cloud.”

“TCS is pleased to partner with Fletcher Building and Google Cloud to create a new digital core that will enable better customer experience through data-driven insights and analytics and support future growth. Our deep industry knowledge, technology expertise and extensive portfolio of accelerators will enable Fletcher Building to harness the full power of cloud to reimagine all aspects of their business,” said **Ganesa Subramanian Vaikuntam, Business Unit Head, Retail, Travel, Transportation and Hospitality, TCS ANZ.**

Building cloud skills from the ground up

Google Cloud will support Fletcher Building’s employees with the skills required to implement and maintain these technologies. Last year, Google Cloud announced a commitment to equip more than 40 million people with Google Cloud skills.

Through Google Cloud Skills Boost, Fletcher Building employees are now taking advantage of more than 700 hands-on labs, role-based courses, skill badges, and certification resources, including 16 new learning paths—all of which are available on-demand globally.

Partnering on sustainability

By migrating workloads to the carbon neutral infrastructure of Google Cloud, TCS will help Fletcher Building reduce the carbon footprint associated with those workloads, contributing to its sustainability goals. Fletcher Building will also implement Google Cloud’s recently launched Carbon Footprint reporting tool to measure, track, and report on the carbon footprint associated with its cloud usage.

The company aspires to be an Australasian leader in sustainable building materials, construction, and distribution. It was recognised among Asia Pacific region’s most sustainable companies in the 2020 Dow Jones Sustainability™ Asia Pacific Index.

“The building and construction industry is at a critical tipping point; the entire sector needs to shift the way it designs, builds and sources materials for a more sustainable future,” said **Beecham.** *“As we transform our business, sustainability remains a paramount part of our strategy, and this extends to the partners we go on this journey with. As the cleanest cloud in the industry, Google Cloud shares our vision of creating a sustainable future by reducing carbon emissions and overall environmental impact.”*

Houston Food Bank Selects NetSuite to Help Fight Hunger

17 March 2022

The Houston Food Bank, the nation’s largest food bank in distribution, has selected Oracle NetSuite to help support its rapid expansion as it works to meet increases in demand for food and other essentials. With NetSuite, the Houston Food Bank will unify financial planning, order management, and warehouse logistics into a singular system to help give greater visibility and control into its operations and scale its programs that currently help more than one million people fight food insecurity.

Founded in 1982, the Houston Food Bank is a member of Feeding America and serves 18 counties in Houston and southeast Texas, distributing more than 150 million pounds of food annually through a network of 1,600 partners. To meet growing demand since the beginning of the global pandemic, the Houston Food Bank has increased distributions by 20 percent and as it scaled its operations, its current ERP system struggled to keep up. This led to inventory tracking issues, increased time spent on cycle

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counts, and slower fulfillment. To address these challenges and create more efficient operations so that it can help more people, the Houston Food Bank replaced its legacy ERP system with NetSuite.

“When the COVID-19 pandemic hit, we had to rethink how we operated for the safety of all involved. We mobilized and set up neighborhood drive-through super sites to distribute food in larger quantities more efficiently, while maintaining safe distances,” said Casey Ferrell, senior director of information technology, Houston Food Bank. “As we scaled operations and revamped our processes, the inefficiencies of our ERP system became more pronounced. We made the switch to NetSuite because we knew we needed one unified system that could integrate data from across our business and automate our critical processes. NetSuite will give us the real-time visibility and insights needed in one central location to help support our growth trajectory and allow us to continue helping more Texans.”

With NetSuite, Houston Food Bank will be able to take advantage of an integrated business system to adapt and scale its core operations. NetSuite will enable Houston Food Bank to process orders faster through a new online ordering portal, while granting partners greater visibility and flexibility into their orders. Additionally, NetSuite inventory management will enable warehouse staff to cut down on cycle counts and more easily move and track product around the warehouse. Finally, by helping to eliminate manual processes across finance and operations, NetSuite will enable volunteers to spend more time identifying people in need and scaling home delivery operations in a way that caters to the dietary and cultural needs of those it serves.

“We are incredibly proud to work with organizations like the Houston Food Bank that make a positive difference in the world every day,” said Sam Levy, SVP of sales, Oracle NetSuite. “With NetSuite, the Houston Food Bank has one system of record to manage data from across critical business functions, putting it in a stronger position as it works toward its ultimate vision of a world without food insecurity.”

Infor to Help Transform Galva Coat for a Digital Future

23 March 2022

Infor, the industry cloud company, has announced that Galva Coat Industries LLC, a landmark plant in the industrial area of Abu Dhabi that produces a wide range of steel products, has selected Infor CloudSuite Industrial, a powerful cloud-based, industry-focused, enterprise resource planning (ERP) solution, to enable the digitalization of the production process and delivery, in its effort to become the leading producer of lighting poles and guard rails across the region.

Based in Abu Dhabi’s Musaffah industrial area, Galva Coat was founded in 1995 and specializes in the design, engineering and manufacture of various steel products. Galva Coat has been the pioneer and the market leader in the field of lighting poles in the UAE and Middle East for 25 years. The organization is widely recognized for its unmatched value system quality and relentless pursuit of excellence. Galva Coat uses highly sophisticated advanced technology, modern production facilities and skilled staff.

Galva Coat has decided to move its ERP forward to the cloud and away from a legacy on-premises version as a crucial part of its digital transformation. After evaluating various options, the company chose Infor CloudSuite Industrial, powered by Amazon Web Services (AWS), to enable order management with CRM, planning, shop floor operations, time sheets management, supply chain including vendor portals and customer portals, finance and analytics.

Omar Uwayda, general manager of Galva Coat, noted: “Our senior management team was looking for a solution that would provide real-time efficiency and optimization across the plant. Especially, the production planning needed to better reflect that we operate in a project manufacturing mode rather than

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the standard manufacturing scenario. We found that Infor's cloud solution provides the required capabilities using Infor's best business practices provided by industry-focused Infor Implementation Accelerators as part of the Infor CloudSuite."

By implementing the multi-tenant Infor CloudSuite Industrial, running on the Infor OS operating services platform and powered by AWS, Galva Coat is aiming to automate and integrate its production control systems and plant maintenance solutions and provide meaningful real-time analytics across operations to its senior management.

The deployment will start in April and is expected to go live before December. ITWare LLC, Dubai, UAE, one of Infor's long-standing ERP channel partners in the region focusing on Infor's CloudSuite solutions, worked closely with the Infor team during the entire presales cycle and will be leading the implementation efforts.

"It's yet another win for Infor in the region as it continues to establish its dominant position in the Middle East as industry cloud company driven by technology and automation. Galva Coat is ideally positioned to reap the benefits of this project to increase efficiency and productivity as it marches on in its quest to be one of the industry leaders in this domain," said Amel Gardner, Infor VP and general manager for Middle East & Africa.

Intech Additive Solutions partners with MachineWorks and licenses Polygonica.

24 March 2022

Intech Additive Solutions partners with and licenses Polygonica from MachineWorks to enhance their Metal 3D Printing Ecosystem.

Intech is home to a comprehensive range of Metal 3D Printers – iFusion SF1, iFusion MF, and iFusion LF along with its build preparation software, AMBuilder, and parameter optimization software, AMOptoMet. One of the main issues regularly faced in metal printing is compensating for part deviations that occur during the print process. MachineWorks' Polygonica has a number of advanced mesh algorithms that help AMBuilder tackle this complex issue in a reliable and robust way. This ensures the successful build of the part with minimal deviations.

"We are of course very pleased to announce that Intech is our second Polygonica customer in India. Moreover, we are very excited to be working with Intech. Their undoubted knowledge and experience in the metal additive industry will help the Polygonica team meet the ever more demanding requirements of handling DfAM geometries. We look forward to seeing the new developments in their future products," said Dr. Fenqiang Lin, Managing Director of MachineWorks.

"At Intech, we are working hard to accelerate the adoption of metal printing in modern manufacturing by providing a complete end-to-end ecosystem, from design for additive manufacturing (DfAM), through printing, post-processing, and quality assurance. We're striving to lower the cost of entry whilst improving reliability, throughput, and efficiency. Adding Polygonica's world-renowned mesh algorithms to AMBuilder was an important step for us, and we also plan to introduce new and innovative software powered in part by the Polygonica engine," commented Murari Venkataraman, VP of Operations at Intech Additive Solutions.

Polygonica from MachineWorks, with its extensive features, perfectly complements Intech's efficient Metal 3D Printing system. This collaboration between MachineWorks and Intech mutually benefits both organizations in making a mark in the AM sector both in India and globally.

Microsoft Selects RISE with SAP to Drive Business Innovation

24 March 2022

Microsoft has chosen to adopt the RISE with SAP solution on Microsoft Cloud, shifting the company's SAP ERP software systems to SAP S/4HANA Cloud, private edition.

RISE with SAP will allow Microsoft to deploy new capabilities and technologies faster and run its business on a flexible cloud-first solution that is integrated with the other cloud solutions from SAP that Microsoft uses.

Microsoft is the first public cloud provider to adopt RISE with SAP internally to transform some of its large SAP ERP deployments. The decision to adopt RISE with SAP builds on its wide adoption of SAP solutions. These include SAP SuccessFactors solutions, the SAP Integrated Business Planning for Supply Chain solution, SAP Business Technology Platform and other SAP solutions running on Microsoft Azure. Microsoft's implementation of RISE with SAP will deepen Microsoft's expertise with SAP solutions and establish best practices that can be shared to the benefit its and SAP's joint customers.

"Our goal is to simplify and accelerate our own journey to SAP S/4HANA Cloud," said Charlotte Yarkoni, President, Commerce + Ecosystems, Microsoft. "Modernizing highly complex, legacy SAP systems is directly relevant to us at Microsoft and to many of our customers. Leveraging the power of the RISE with SAP solution on Azure will give us the flexibility and agility needed to scale quickly, meet the needs of our own business and share that experience with our customers."

SAP has also migrated several of its business-critical IT landscapes to Microsoft Azure, an open and flexible cloud computing platform. As part of its own transformative journey and to gain operational efficiencies, SAP will optimize IT operations for some critical internal business systems under the operations model used for the RISE with SAP solution hosted on Microsoft Azure.

"Microsoft's move to RISE with SAP is a testament to the commitment and strength of SAP and Microsoft's ongoing partnership to simplify customers' journey to the cloud by accelerating adoption of SAP S/4HANA Cloud on Microsoft Azure," said Florian Roth, Chief Digital and Information Officer, SAP. "Likewise, SAP has optimized its critical internal business systems running on Microsoft Azure to benefit from its security, flexibility and scalability. We will be sure to use the learnings from these deployments and share best practices with our customers."

SAP and Microsoft have a long-standing partnership of co-innovation and engineering, which forms the basis for the mutual support of both companies' products. They are each other's customers.

Napa Valley's Trinchero Family Estates supports online business growth with HPE GreenLake

22 March 2022

Hewlett Packard Enterprise announced that Trinchero Family Estates (TFE), a family-owned global wine and spirits producer, transformed and modernized its expanding business with the HPE GreenLake edge-to-cloud platform. The initiative was completed in strong collaboration with PKA Technologies Inc., a HPE Platinum channel partner.

"Our customers turn to the HPE GreenLake platform, that is underpinned by HPE's powerful compute technologies, for its data-first, unified experience that allows them to modernize their organization by choosing and scaling cloud services based on their business goals," said Neil MacDonald, senior vice president and general manager, Compute, at HPE. "We are honored to have collaborated with one of our

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key channel partners, PKA Technologies, to accelerate Trinchero Family Estates' digital transformation for its worldwide wine and spirits operation and unlock faster value using composable compute services in one cloud platform.”

Trinchero Family Estates embraces unprecedented online demands in the wake of COVID-19

Family-owned Trinchero Family Estates (TFE) is based in Napa Valley, California – one of the world's premier wine regions. TFE has operated for more than 70 years, and to date, has a robust portfolio of more than 50 acclaimed brands, including M n ge   Trois, Joel Gott Wines, SEAGLASS Wine Company and Tres Agaves Organic Tequila, in addition to Sutter Home – the creator of the world's first-ever White Zinfandel.

Since the start of the COVID-19 pandemic, as a majority of people sheltered-in-place and purchased more goods online, TFE experienced a significant spike in demand, resulting in dynamic shifts in overall production from bottling and labeling to packaging and distribution. The surge in orders also generated large amounts of data as consumer data analysis took top priority in targeting sales to appropriate audiences and markets.

“At Trinchero Family Estates, we are committed to continuing our legacy of delivering memorable experiences to customers worldwide with our global portfolio of brands,” said Jeremy Mostafanejad, senior director, infrastructure/operations at Trinchero Family Estates. “As our business has grown – creating new demands for technology resources – we turned to HPE and PKA Technologies to transform our IT environment and control costs by using advanced HPE Synergy solutions – delivered as a cloud service – through the HPE GreenLake edge-to-cloud platform. With the new cloud service, we gained a significant boost in compute capacity and support for an expanding data warehouse – both essential for the continued growth of our business.”

Modernizing all applications and data using HPE GreenLake for Composable Compute

To manage the fluctuation and data growth from increased orders, along with ageing on-premises infrastructure, TFE consulted with PKA Technologies, one of HPE's key channel partners, on how to transform and modernize its data assets while avoiding financial risk associated with new technology investments.

After advising on the HPE GreenLake platform, PKA implemented the solution to seamlessly transition TFE's applications and data across multi-functions. In doing so, TFE easily upgraded its previous solutions, using HPE Synergy, a composable, software-defined infrastructure, to a newer generation with faster performance and overall advanced, flexible capabilities to support all of its business applications. TFE immediately saw results of speeding up application performance from up to 5-10 minutes, to just seconds.

Additionally, by using HPE GreenLake Central, a centralized portal for managing and optimizing IT environments while gaining insights, TFE gained insight into usage across multiple departments – including production, bottling and data services – to allocate resources accordingly and control spend.

“Understanding Trinchero Family Estates' business and working with them to achieve business outcomes through technology, we identified HPE GreenLake as the optimal solution,” said Felise Katz, chief executive officer of PKA Technologies, Inc. “By leveraging the HPE Synergy solution via HPE GreenLake, TFE is able to reduce costs and utilize compute resources in line with their growing data base and overall business growth.”

SAP and Unilever Pilot Blockchain Technology to Support Deforestation-Free Palm Oil

20 March 2022

SAP SE and Unilever announced a pilot of the GreenToken by SAP solution to further increase traceability and transparency in Unilever's global palm oil supply chain.

Raw materials like palm oil are often mixed with physically identical raw materials from verified sustainable and nonverified sources after the "first mile" of the supply chain, causing the origin information to be either hidden or lost.

In a successful proof of concept in Indonesia, Unilever applied GreenToken to source more than 188,000 tons of oil palm fruit. The solution enabled Golden Agri-Resources and other suppliers from whom Unilever sources to create tokens that mirror the material flow of the palm oil throughout the supply chain and capture the unique attributes linked to the oil's origin.

"With GreenToken, we want to bring the same traceability and supply chain transparency to bulk raw materials that you get from scanning a bar or QR code on any consumer product," said Nitin Jain, co-founder and general manager of the GreenToken by SAP solution, SAP. "Our solution allows companies to tell what percentage of palm oil products they purchased from a sustainable origin and track it to the end consumer product."

"Technology has played an important role in our efforts to enhance visibility and transparency in our own palm oil supply chains," said Anita Neville, chief sustainability and communications officer, Golden Agri-Resources. "Our participation in the GreenToken by SAP solution pilot with SAP and Unilever provided useful insights in how to successfully pass information between different actors in the supply chain."

The GreenToken solution helped Unilever track, verify and report in near real time the origins and journey that palm oil takes through its long and complex supply chain.

"Unilever is committed to achieving a deforestation-free supply chain by 2023, and blockchain technology has the potential to help companies, like ours, track their supply chains to ensure the commodities we source respect people and the planet," said Dave Ingram, chief procurement officer, Unilever. "We are encouraged by the promising results of our pilot with GreenToken by SAP, the latest building block in our tech-enabled approach to ensure a more traceable and transparent supply chain."

The work with GreenToken enhances Unilever's ongoing and industry-leading efforts to gain full visibility of its supply chain.

Sodexo Selects TCS ERP on Cloud Platform to Drive Future Growth

23 March 2022

Tata Consultancy Services (TCS) announced that it has been selected by Sodexo, the France-headquartered world leader in quality of life services, to transform and consolidate its legacy ERP estate on the TCS ERP on Cloud platform, with SAP SoH on Microsoft Azure, to drive its future growth.

Sodexo's rapid global expansion had resulted in a fragmented ERP estate on a legacy on-premise infrastructure, with disparate business processes across local instances across over seven countries. Additionally, the governance and technical support were localized, resulting in increased risk and fragility. To harmonize its operations and to enhance security, agility and operational resilience, Sodexo wished to consolidate this estate and make it future ready.

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TCS designed an ERP transformation roadmap incorporating best-in-class process designs and leveraging its strong partnership ecosystem. The new solution has upgraded the legacy estate, and modernized the underlying infrastructure by consolidating the disparate local instances onto the TCS ERP on Cloud platform, with SAP SoH hosted on Microsoft Azure.

With the platform's stringent data residency and access controls, centralized governance and a standardized, industry-leading cloud security framework, Sodexo will have a secure, resilient, and scalable cloud infrastructure, 35% leaner than before. Initial rollouts have significant superior performance improvements, resulting in an enhanced user experience as well. Once the deployment is complete, the TCS ERP on Cloud platform will be the new, future-ready digital core to power Sodexo's future growth.

"Our partnership with TCS is central to the transformation of our core ERP estate to take it to the next level," said Vera Ingallati, VP, Global IS&T, Sodexo. "TCS understood our desired end-state and articulated a comprehensive roadmap based on their leadership in Azure cloud services, end-to-end SAP capabilities and IT security.

"A cloud-based digital core is today foundational to enterprises' growth and transformation journeys. Our investments in innovation, our intellectual property, and our strong partnerships in the technology ecosystem have made us the preferred partner in these journeys," said Arun Pradeep, Business Head, Travel, Transportation and Hospitality – Europe, TCS. "We are pleased to partner with Sodexo in this large, global cloud transformation program, leveraging our proven TCS ERP on Cloud platform to build a new, future-ready digital core to support Sodexo's future growth."

The TCS ERP on Cloud platform offers hosted ERP applications and services for global enterprises keen to benefit from TCS' solution frameworks, alliance partnerships, ERP expertise and flexible business models. It is hosted on a highly secured and accredited public or private cloud environment and offered through Software-as-a-Service and Business-Process-as-a-Service models, providing a single point of ownership, improved performance metrics and adherence to service level agreements.

With over 50,000 trained professionals on Microsoft technologies, TCS has completed over 1,000 successful Azure engagements for more than 225 global customers. TCS is one of the most recognized partners in Microsoft's ecosystem, achieving all 18 Microsoft Gold Competencies and 13 Microsoft Advanced Specializations, including SAP on Microsoft Azure. It is the first partner to earn the Microsoft Azure VMware Solution advanced specialization, and is a Preferred Member and Launch Partner for Project Cortex, including SharePoint Syntax, and is a Member of the 2021/2022 Inner Circle for Microsoft Business Applications.

stichd Selects Logility to Drive Supply Chain Growth and Attract Talent

22 March 2022

Logility, Inc., a leader in supply chain innovation powering the sustainable and resilient enterprise, announced stichd, a Netherlands-based product licensing company and division of PUMA, has chosen the Logility Digital Supply Chain Platform to support its ambitious growth strategy.

"Growth is our top priority. To continue achieving our goals, it was critical to find a planning platform with more sophisticated forecasting and clear visibility capabilities, but that is also easy for our employees to use," said Rogier Wijnhoven, COO, stichd. "Logility not only had the technology we needed, but the apparel industry expertise and forward-looking vision we were looking for in a partner."

stichd specializes in the design, production and distribution of high-quality bodywear, legwear, swimwear, and fanwear. As the company looks to expand, both in-store and online, demand volatility

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and complexity are increasing. In order to continue driving product availability while streamlining inventory, stichd needed a technology partner that can optimize working capital and provide better supply chain visibility.

The Logility Digital Supply Chain Platform enables better decision making by leveraging artificial intelligence (AI), machine learning (ML) and automation to continuously sense, analyze and update activity in the digital supply chain – ensuring greater granularity and greater operational performance at all times. Its sales and operations planning (S&OP) functionality helps to align plans across multiple divisions and locations, and track forecast and inventory performance over time. Further, the platform’s user friendly interface and deep analytics reduce complexity and make it easier to attract and retain top planning talent along the way.

“Demand planners are continually expected to look further into the future and design roadmaps that account for a variety different planning scenarios. Logility’s solutions give our planners a clearer, more detailed view of what’s ahead and facilitates necessary collaboration between planning teams,” continued Wijnhoven.

“Logility is uniquely positioned to support organizations at every step in their supply chain journey. Our intuitive solutions are rooted in cognitive planning and built to shepherd today’s enterprises through both growth and disruption,” said Allan Dow, president of Logility. “We look forward to supporting stichd through this next phase of expansion and helping them take their supply chain to the next level.”

Travelway and Bugatti Choose Centric PLM™ on Their Path Forward

24 March 2022

Travelway Group International and Bugatti Group, both luggage and accessories companies, have selected Centric Software®’s Product Lifecycle Management (PLM) solution, Centric SMB for emerging enterprises. 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, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

Travelway Group International (est. 1973) and the Bugatti Group Inc (est. 1940), both venerable Montreal-based firms that both design and produce high quality luggage, briefcases, handbags and accessories, have entered into a new working partnership together.

Executive Vice President of Travelway Group International Gerry Shadeed & CEO Andrew Hattem of Bugatti Group describe how each company serves a different a market segment and distribution network covering a wide variety of customers that include Target, Walmart and Costco as well as the mid to large retail sector. Between Travelway and Bugatti, they independently license Skechers, Air Canada, Swiss Mobility, Ricardo, Cabeau, K&B Sports Blackpink, the Rolling Stones, Bugatti and many other owned brands.

Shadeed explains the impetus for adding PLM to their company technology. “Now that we’ve partnered with Bugatti, we’re embarking on the implementation of Centric PLM for both businesses to align with each other’s processes and to make it easier for our teams overseas to deal with one process instead of two.”

Travelway / Bugatti considered PLM for all the standard reasons such as increasing efficiency, reducing re-entry and duplication of work and providing one digital repository for all teams, domestic and overseas. The field was narrowed down to six PLM vendors but ultimately, Travelway / Bugatti chose

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Centric. Says Shadeed, “Centric had the most adaptable out-of-the-box system. We trust that with the number of installations that Centric has made they have optimized the process to best practices.”

Shadeed and Hattem emphasize that they want to be able to increase speed to market to be the best in class in the industry. Of the other reasons the companies selected Centric, Hattem says, “Centric has a complete assortment of modules that fit our needs. We’re starting off with the basic package so that we can get up and running, but I see our businesses being able to develop further with the tools that Centric offers.”

Travelway / Bugatti are looking to integrate Centric PLM with their ERP systems, cut out duplication and communicate better with their overseas teams. Shadeed says, “They relay information to us and we re-enter it here. We want to be able to drastically reduce emails and have that single source of the truth for product information.”

Another key strategy is a focus on materials management. Says Hattem, “Centric has a great module for that. We need to keep track of what’s new and be able to share those materials between Bugatti and Travelway. The materials library tells us which factories have access to certain materials, allowing us to select the correct fabrication site. If a factory has to stop what they’re doing or put resources toward finding a specific material that they don’t normally use, it takes time and slows things down.”

Travelway / Bugatti have an entire compliance management team that deals with social and environmental practices set by the industry—a necessity when working with major retailers. Shadeed says, “We conduct regular audits on our manufacturing partners for carbon footprint, right down to how much wastewater these factories are putting out and at the very minimum, ensuring that they’re operating within government imposed social and environmental guidelines.” PLM organizes this information to make it easily accessible.

Chris Groves, President and CEO of Centric Software says, “I am delighted that Travelway and Bugatti have chosen Centric PLM as their digital foundation. Together, they are optimizing their strategic partnership to serve both of their business needs. Centric is excited to play a part in securing their future success.”

Wicked Kitchen Serves Up Efficiency with Centric PLM™

22 March 2022

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

Wicked Kitchen, a vegan, plant-based food company founded in the UK with Tesco as their customer, has taken their recipe for success and launched in the US. Based out of Minneapolis, MN, Wicked makes dishes that emphasize flavor, texture, and taste first. The vegan aspect is a commitment the company has made to a changing marketplace, bringing healthy options to busy, yet discerning, consumers.

With introductions of 25 SKUs in six months, the US business is accelerating at a blistering pace, requiring excellent data management of product, formulation, labeling, packaging, and certifications.

“There’s a ton of information that is managed currently in multiple different places and by various different people. And sometimes is not updated as quickly as we need it to be updated,” says Registered Dietician and Director of Quality at Wicked Kitchen, Jess Kolko. Not to mention all the many locations that data must be kept current.

To streamline the process and to define a single source of the truth for all product data, Wicked selected Centric PLM to serve as their digital product development hub. The hundreds of documents associated with each of their suppliers, and all the files tied to every product, are housed in Centric, making product launches easy as pie.

Product News

ActCAD 2022 Update 1290 Released, Dt.23-Mar-2022

23 March 2022

ActCAD announces the release of its new version 1290 for ActCAD 2022 Professional, Standard and Prime Versions.

This is a general maintenance release of 2022 version. Below is a list of improvements:

- Updated ODA dwg libraries
- Added new command GAPSFOUND
- Added new command OVERLAPSFIND
- Revised User Interface including more functions and icons
- Fixed certain issues with 3D space mouse
- Fixed the issue of selection cursor reset with keyboard or transparent command
- Fixed text island detection issues of Hatch
- Fixed snaps not working on dashed line types
- Modified close text editor icon
- Fixed rotated dimension not associative when applied to 3d polyline with non-zero Z coordinate
- Fixed an issue where some lists were missing when loading a DSD file
- Fixed icons that are not scaling properly on 4k screens
- Fixed Layers do not regen automatically when thawed on a specific drawing
- Fixed change red X to green checkmark for Array and BEDIT context ribbon tabs
- Fixed the issue array cannot be moved using the STRETCH command
- Implemented new Polish translation
- Fixed certain Hatch Boundary Error
- Fixed some bug with Qleader command
- Fixed hatch issue by picking internal point in a particular drawing
- Fixed sheetset Publish to PDF wrong order
- Fixed RESETUI to do a backup before reset
- Fixed the issue of saving multiple blocks at once
- Fixed multi-selection should work when applying page setup to all selected sheets
- Fixed no publish options info and no Browse button when using Printer named in page setup
- Fixed DTEXT not creating multiple lines correctly with using center justification
- Fixed exception while fixing or cleaning text styles in Explorer

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- Fixed focus not assigned properly between Explorer and command line
- Implemented support for Greek language (ELL)
- Implemented support for Slovenian language (SLV)
- Implemented support for Slovak language (SKY)
- Fixed change text issue in a locked viewport
- Fixed display issue of some icons on 4k displays
- Fixed certain crash issue during purge and audit
- Fixed some erros in data translations
- Fixed Selection window disappears when selecting overlapping or intersecting entities
- Fixed crash issue whiel trying to resize a symbol
- Fixed Properties Filter does not allow to click into the status or layer name fields
- Fixed Workspace save issue in active workspace
- Added keyboard shortcut for toggling PICKSTYLE variable from 1 to 0
- Fixed no format options available for all CurrentSheet fields in Sheetset Manager

BIM 360 Cost Management Release – March 2022

24 March 2022

Ian Turner wrote a blog post for Autodesk detailing the update to BIM 360 Cost Management module. Changes were made to the Budget Tool, Change Order Tool, and User Settings. Check out the blog for the full facts. <https://blogs.autodesk.com/bim360-release-notes/2022/03/24/bim-360-cost-management-release-march-2022/>

BIM 360 Model Coordination – March 2022

22 March 2022

PaulW_ADSK writes in a new blog post about the new updates to BIM 360. The updates streamline model coordination and clash management. To read the full details please go to the Autodesk blog. <https://blogs.autodesk.com/bim360-release-notes/2022/03/22/bim-360-model-coordination-march-2022/>

Cadence Collaborates with GlobalFoundries to Deliver Complete Digital Solution on Amazon Web Services

23 March 2022

Cadence Design Systems, Inc. announced that GlobalFoundries® (GF®) has qualified the Cadence® digital solution on Amazon Web Services (AWS). The qualification of the digital solution on GF's 22FDX™ platform enables customers to achieve cloud scalability, efficiency and productivity, while also attaining optimal design power, performance and area (PPA) and faster time to market.

Design teams need tools that can keep pace with the increasing complexity and serve a broad range of end markets and applications. The integrated Cadence digital solution, combined with the power of the cloud, helps customers address these latest design challenges by providing a fast path to design closure and better predictability for meeting PPA targets. For example, Xenergetic, a company that provides ultra-low-power and high-performance on-chip memory solutions, used the Cadence Cloud Passport featuring

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the digital full flow and the Cadence Tensilica® Fusion F1 DSP on the GF 22FDX platform to successfully tape out a low-power memory first-time right test chip.

“Xenergie’s successful tapeout shows that customers can design with confidence in the cloud using the Cadence digital full flow and the Tensilica Fusion F1 DSP, which are qualified for use on the differentiated GF 22FDX process,” said KT Moore, vice president, Corporate Marketing at Cadence. “Through our collaboration with AWS and GF, we’re enabling customers to leverage the power of the cloud for the creation of next-generation designs that support emerging markets like automotive and IoT.”

“Building on the success of our 22FDX design flow with the Cadence digital solution, our ongoing collaboration takes us to the next level with a fully cloud-based implementation that provides flexibility and performance for our joint customers,” said Mark Ireland, vice president, Ecosystem and Design Solutions at GF. “Our engagement with Cadence is another example of how GF is partnering with ecosystem leaders to enable our customers to accelerate time-to-market and deliver innovative solutions.”

Xenergie CEO Dr. Babak Mohammadi said, “The cloud-based RTL-to-GDS flow with Cadence’s Tensilica Fusion F1 DSP enabled us to achieve 5X greater productivity with our test chip tapeout. We were successfully able to scale cloud resources during peak needs, and we look forward to continuing to leverage this solution from Cadence, GF and AWS to accelerate development times with our forthcoming low-power product designs.”

The Cadence digital flow includes the Innovus™ Implementation System, Genus™ Synthesis Solution, Quantus™ Extraction Solution, Tempus™ Timing Signoff Solution, Conformal® Smart Logic Equivalence Checker, Physical Verification System and Pegasus™ Layout Pattern Analyzer. The Tensilica Fusion F1 DSP’s highly configurable architecture provides excellent DSP performance—both fixed and floating point—which makes it highly efficient when running the narrowband wireless communications standards typically associated with IoT device communication.

The Cadence Cloud portfolio, digital full flow and Tensilica Fusion F1 DSP support Cadence’s Intelligent System Design™ Strategy, enabling SoC design excellence.

Canvas GFX Partners with Voyager Space Services to Make Canvas Envision Available to Broad Network of Space-Focused Start-ups

24 March 2022

Canvas GFX, Inc, the leading provider of visual communication solutions to the manufacturing and technical industries, today announced that it has partnered with Voyager Space Services, a Voyager Space Company, to make Canvas Envision available through the Voyager Space Services MarketSpace platform.

Voyager Space Services provides a curated portfolio of business and technical solutions to entrepreneurs and early-stage NewSpace companies that supports and accelerates their development. VoyagerSpace Services’ easy-access solutions enable company founders and executives to focus on innovation and product development, rather than time-consuming business operations tasks.

Envision is the exclusive visual communication solution offered on the MarketSpace platform. It joins a select number of solutions offered by Voyager Space Services to its customer base alongside a suite of more than 30 offerings.

Canvas Envision bridges the divide between technical and creative visual communication solutions. It

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makes sophisticated 3D model visualizations available to anyone involved in creating product documentation, without the need for extensive training, and allows for interactive collaboration and content viewing through any browser. Content created in Envision can also be embedded into other websites or platforms.

“Space exploration is one of the most exciting sectors imaginable,” said Pat Hume, CEO, Canvas GFX. “By empowering the space start-up community to innovate freely, the Voyager Space Services team is laying the groundwork for huge achievements. We are delighted that Canvas Envision has been selected to be part of the prestigious MarketSpace platform. I can’t wait to see how this new audience will put Envision to use.”

Dan Geraci, President of Voyager Space Services added: “At Voyager we are focused on helping entrepreneurs turn great ideas into even greater successes that will power humanity’s exploits in space. The ability of these companies to effectively communicate what their product can contribute, and how it works, is paramount to their success. Canvas Envision gives space companies that ability and we are very pleased to offer their solution to our network.”

DESIGNING LARGE SOLAR SYSTEMS MADE EASIER: SMA AND TRACE SOFTWARE CONNECT PLANNING TOOLS

22 March 2022

Installers and project developers can now plan large ground-mounted systems **more easily than before**. Even PV plants with an output of up to 1 megawatt can be visualized including all parameters and in 3D. This is made possible by **linking the online planning tools Sunny Design** from SMA Solar Technology AG (SMA) and **archelios™ PRO** from Trace Software. The new interface eliminates the **need for constant data entry**, reduces the **planning effort** and simplifies the **independent profitability check**. With Sunny Design, planners benefit from the optimal design of the PV system – including the charging infrastructure for electric vehicles – and with archelios™ PRO from the diverse options for energy simulation of the entire system.

*“Interconnecting our Sunny Design planning software and archelios™ PRO from Trace Software **makes it even easier** to configure a sustainable energy supply for households and commercial enterprises with rooftop or ground-based PV systems”, said Dr. Thomas Straub, Senior Product Manager Sunny Design at SMA. “Operators and owners planning energy systems based on solar energy benefit from **faster, easier project implementation and reliable analyses in the early design phase.**”*

*“This interconnection allows to take the best of SMA’s **know-how and bankability of archelios™ PRO studies**, for all type of photovoltaic projects, from early designs to advanced 3D conceptions”, said Dr. Stéphane Boussac, archelios™ Suite Manager at Trace Software. “By connecting SMA’s and Trace Software’s tools photovoltaic design has become **even easier** for the developers of solar projects.”*

Sunny Design Pro allows system planners to incorporate **grid-connected, off-grid and PV-hybrid systems** in their designs as well as **energy systems with integrated energy**. This also includes the optimum layout and dimensions for systems with battery inverters, charging stations and energy management. In addition, Sunny Design Pro allows you to flexibly manage purchasing and **feed-in tariffs**, create consumption and load **profile analyses** and simulate the use of **battery storage systems**, including in **peak load shaving applications**. You can also accurately model scenarios involving objects such as trees, dormers, smokestacks or multiple buildings, allowing you to simulate and evaluate module shading in the very early stages of your project.

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Once the solar project (with or without 3D design) has been seamlessly imported to Trace Software's archelios™ PRO simulation software, you can carry on with the **strings wiring, detailed production/losses simulation and self-consumption analysis**. When finished, you can edit Pdf or csv study reports, generate Kml or Dxf plans and finish the electrical design in **archelios™ CALC**.

EnSuite-Cloud ReVue upgraded to support latest CAD formats

22 March 2022

CCE, a leading provider of advanced CAD interoperability solutions, announced its recent release of EnSuite-Cloud ReVue that allows users to collaborate using latest versions from all major CAD formats.

EnSuite-Cloud ReVue is a revolutionary web-based real-time engineering collaboration software that allows users to collaborate using the **latest versions of all major 2D and 3D CAD formats**. What sets it apart from other collaboration and screen-sharing applications is the ability for participants to take **local control of the CAD model** for their independent review and analysis, without disrupting the meeting for everyone else or compromising intellectual property. Users can collaborate using the latest CAD versions from **CATIA V5, 3DXML, NX, Creo, SOLIDWORKS, Inventor, Solid Edge, JT, Parasolid and glTF** among others.

“The success we've had with EnSuite-Cloud ReVue since its initial launch last year has a lot to do with our ability to keep pace with the changes in the CAD formats and keeping our software up-to-date at all times. With CAD companies moving to subscription licensing, end users adopt new CAD versions a lot sooner and with regularity than before. Its incumbent upon us, especially as a key design collaboration tool, to always support these latest versions,” said Vinay Wagle, CCE's V.P. of Sales and Marketing.

Besides enhancements related to supporting latest CAD versions, there have been significant number of product interface updates that will provide users with a **richer user experience**. This is in continuation of recent updates earlier this year related to the introduction of “SmartPicking” and “SmartMeasure” tools aimed at making the collaboration sessions significantly more efficient.

Since its general availability earlier this year, EnSuite-Cloud ReVue has received rave reviews from leading industry analysts in publications like Lifecycle Insights, Engineering.com, MCADCAfe, Digital Engineering among others.

Key benefits of using EnSuite-Cloud ReVue for secure online meetings for engineering collaboration over typical screen-sharing apps like Zoom, Teams and Webex include:

- **Independent Local control** of collaboration session without compromising intellectual property
- **High-quality 3D rendering** with zero loss of fidelity of viewable data
- **Natural collaboration experience** without any overhead for data or session preparation
- **Ultra-low latency** allowing for excellent response/refresh rates
- **Low bandwidth usage allowing for easy sharing of large CAD models**
- **Screen-sharing option for non-CAD documents for richer collaboration**

All new users can **Test Drive ReVue** to evaluate the product using just their Google or Microsoft emails. Users can visit the EnSuite-Cloud ReVue page for additional product and pricing information.

iBASEt Solumina iSeries Featured in Microsoft Azure Marketplace

21 March 2022

iBASEt, the company that simplifies how complex products are built and maintained, announced that iBASEt solutions are now featured in the Microsoft Azure Marketplace, an online store providing applications and services for use on Microsoft Azure. iBASEt customers can now take advantage of the scalability, reliability, and HITRUST security of Azure for a more streamlined purchase and deployment experience.

“Being listed in the Microsoft Azure Marketplace is an important step forward of our vision to simplify how complex manufacturing processes are performed,” said Naveen Poonian, CEO of iBASEt. “We are excited to be part of this marketplace to drive greater awareness of our manufacturing SaaS solutions, the value they provide, and our ability to accelerate company growth.”

The iBASEt Solumina iSeries can digitally transform how manufacturing, quality, and sustainment/MRO operations are performed. With a digital framework to view, control, and optimize complex operations, manufacturers can achieve higher operational excellence and greater business resilience to respond faster to unexpected change.

Built on a cloud-native architecture, iBASEt Solumina iSeries is transforming how manufacturers operate. Simplified systems integration, accelerated deployment time, and streamlined feature additions provide an ideal framework to manage today’s modern industrial digital ecosystem.

The Azure Marketplace is an online market for buying and selling cloud solutions certified to run on Azure. The Azure Marketplace helps connect companies seeking innovative, cloud-based solutions with partners who have developed solutions that are ready to use.

iBASEt Solumina iSeries Launched in AWS Marketplace

21 March 2022

iBASEt, the company that simplifies how complex products are built and maintained, announced iBASEt solutions are now available in the AWS Marketplace, a digital catalog with thousands of software listings from independent software vendors that makes it easy to find, test, buy, and deploy software on Amazon Web Services (AWS).

The iBASEt Solumina iSeries can digitally transform how manufacturing, quality, and sustainment/MRO operations are performed. With an operations platform to view, control, and optimize complex operations, manufacturers can achieve higher operational excellence and greater business resilience to respond faster to unexpected change.

“Availability in the AWS Marketplace helps our customers to get started faster with their iBASEt solution to achieve higher performance and improve operational excellence,” said Naveen Poonian, CEO of iBASEt. “Our listing helps to increase awareness of our SaaS solutions and fuel our growth strategy.”

Built on a cloud-native architecture, iBASEt Solumina iSeries is transforming how manufacturers operate. Simplified application integration, accelerated deployment time, and streamlined feature additions provide an ideal framework to accelerate the move away from manual, paper-based processes to a fully digital operations system strategy.

Insight Updates – March 2022

24 March 2022

Manu Venugopal of Autodesk published a blog post on March 24 about the 3 updates that have been made to the BIM 360 Insight module. Those changes are:

- Added Partner Cards
- Enhancement to Issues Report Filtering
- Automation of Reports by Company

Read the blog post now to learn more. <https://blogs.autodesk.com/bim360-release-notes/2022/03/24/insight-updates-march-2022/>

New solution puts PC-DMIS measurement directly on machine tools

24 March 2022

Hexagon's Manufacturing Intelligence division has announced the release of HxGN NC Server, a new machine tool software interface that allows users to work with leading measurement software PC-DMIS directly on machine tools. The solution brings a range of productivity benefits by making the established process of machine tool measurement more accessible and compatible with other data collection and analysis processes commonly used in manufacturing applications.

Measuring directly on the machine tool has been accepted practice for many years, typically used for setting work offsets and verifying individual features. Available software solutions offer many possibilities ranging from simple and fast single-point measurement to the collection of point clouds and the analysis of complex parts. However, measurements taken on machines tools could not be compared to those taken with dedicated devices such as portable measuring arms or coordinate measuring machines, due to differing measurement strategies, calculations and visualisations.

With the introduction of HxGN NC Server, manufacturers can now use the market-leading metrology software PC-DMIS to measure on the machine tool. This leads to comparable results throughout the complete quality process and can reduce the need for training on multiple software tools. The ability to compare results by using similar strategies and the same calculations as on dedicated measuring devices means shop-floor bottlenecks can be avoided and insight into the machining process gained. It's now possible to measure with the part still clamped in the machine, avoiding waiting on metrology device availability, as well as unloading and transporting the part. This is especially helpful with parts that are very large or complex to set up.

In addition to PC-DMIS, HxGN NC Server enables other software such as EDGE CAM to create measurements on machine tools with the same level of comparability. The EDGE CAM module Inspect works with HxGN NC Server to give CAM programmers the ability to create measurement cycles that use PC-DMIS to evaluate and report the results.

With HxGN NC Server, operators no longer need to plan and execute individual measurement routines, nor do they need to struggle with the interpretation of results. The new solution manages measurement routines and produces the results automatically, enabling fully automated production and measurement processes.

HxGN NC Server not only enables and enhances communication between measurement software and the machine tool: it also provides a quick overview of the current state of all connected machine tools and their recent measurements. Through the built-in dashboard, users can view the machines

and their measurement info at a glance and manage programs from the same workstation. In addition, users have direct access to all measurement reports with only a couple of clicks. HxGN NC Server is also compatible with Hexagon's SFx platform's Metrology Reporting module, making all measurement reports available everywhere through the cloud-service.

What's new in Opcenter Execution Semiconductor 8.8

22 March 2022

Alessandro Ceresto wrote a blog post for Siemens detailing the newest update to Opcenter Execution Semiconductor. The new features are:

- RESTful API enhancements
- HPE framework extensions for single item tracking features
- Lot Start enhancements
- Carrier operations extensions

Read the full post on the Siemens Blog here: <https://blogs.sw.siemens.com/opcenter/whats-new-in-opcenter-execution-semiconductor-8-8/>

Xometry Unveils 'Xometry Everywhere'

23 March 2022

Xometry, the global digital marketplace for on-demand manufacturing, introduced "Xometry Everywhere" software, which integrates its powerful AI-driven instant-quoting technology on popular third-party sites where engineers and other buyers spend significant amounts of time. Xometry Everywhere is also available for integration into the procurement processes of major Fortune 1000 companies.

In the second quarter, Xometry Everywhere is expected to be seamlessly woven into the Thomasnet.com platform. This will extend the reach of the Xometry marketplace to Thomas' 1.4 million registered users who collectively generate more than 20 million sourcing sessions every year.

"Xometry Everywhere unlocks the full power of Xometry, unconstrained by a single site or destination, extending the reach of our powerful quoting engine across enterprise, third-party and our own sites," said Randy Altschuler, CEO of Xometry. "Xometry Everywhere is another example of Xometry accelerating the digitization of the manufacturing industry with innovative software and premium experiences that make it even easier for buyers to tap into global manufacturing capacity.

"It's also another way in which we're meeting the needs of our buyers to shore up supply chain constraints, while also making it even easier for domestic and international manufacturers to grow their own businesses," Altschuler added.

Xometry Everywhere is the latest product innovation from Xometry introduced in the last few months, including new cloud-based enterprise software, known as a 'manufacturing execution system,' to help manufacturers digitize their operations to run more effectively and efficiently. Xometry also continues to enhance its offerings of fintech solutions, which help small- and medium-sized manufacturers gain exposure to new clients, manage cash flow, invest in resources and ultimately grow their businesses.

The intelligent software powering Xometry Everywhere offers full functionality wherever it lives, including: instant-quoting and lead-time estimates; instant DFM feedback, and 3D part viewer capability.