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CIMdata News

CIMdata Releases Series of Country-Specific PLM Market Analysis Reports

12 October 2023

CIMdata, Inc., the leading global PLM strategic management consulting and research firm announces the release of ten additional country-specific 2022 PLM Market Analysis Reports. These additional reports follow the release of the 2022 China PLM Market Analysis Report earlier this year.

The CIMdata PLM MAR series presents CIMdata's analysis of the 2022 product lifecycle management (PLM) market. The complete global analysis provides CIMdata's perspective on PLM across a variety of industry and geographic sectors, identifies market trends, reviews investments in PLM-related software and services during 2022, and forecasts PLM investments for 2023 through 2027. It includes charts that present the overall PLM market and its various sectors as defined by CIMdata. These include collaborative Product Definition management (cPDM), tools and tools sub-sectors, Digital Manufacturing, and System Integrator/Reseller/Value-Added Reseller.

In addition to its global PLM Market Analysis reports, CIMdata offers eleven country-specific PLM Market Analysis Reports:

- Brazil
- China
- France
- Germany
- India
- Italy
- Japan
- Russia
- South Korea
- United Kingdom
- United States

These reports focus on the PLM market in each country, including its main segments and the 2022 financial results for PLM solution and service providers. Each country report includes estimates of spending by industry segment within the country, market presence within the country, growth of the top 10 suppliers in that country, revenue by global mindshare leaders, market shares in each measured segment, and five-year forecasts.

"2022 was a strong year for PLM globally," according to Stan Przybylinski, CIMdata's Vice President. "Overall growth was 10%, with most segments growing year-on-year. There were

bright spots in some segments and in some geographic regions.” For calendar year 2022, at \$12.5 billion, the United States is the largest market and is forecast to grow at a compound annual growth rate (CAGR) of 8.8% through 2027. Japan PLM revenues were \$4.6 billion and a CAGR of 7.7%. PLM revenues in Germany were \$4.7 billion and a CAGR of 8.1%. These three countries have dominated the PLM market for years, and will maintain that position. However, South Korea (at \$702.4 million and a 8.8% CAGR) and the emerging PLM economies of Brazil, China, and India have great potential. CIMdata estimates the 2022 PLM revenues in Brazil were \$324 million (10.1% CAGR), China \$3.6 billion (14.1% CAGR), and in India \$961 million (11.1% CAGR).” Mr. Przybylinski continued, “For 2022 CIMdata estimates PLM revenues in France at \$2.1 billion with a CAGR of 8%, Italy at \$732 million and 7.5%, and the United Kingdom at \$1.58 billion and 8%.”

The CIMdata country-specific PLM Market Analysis Reports are available for purchase at www.CIMdata.com.

Free Webinar on How Product Manufacturing Information Can Enable Digital Transformation

11 October 2023

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces an upcoming free educational webinar, “How Product Manufacturing Information Enables Digital Transformation.” The webinar will take place on Thursday, 9 November 2023, at 11:00 a.m. (EST) and will last for one hour.

Product Manufacturing Information (PMI) is the technology that associates Geometric Dimensioning and Tolerancing (GD&T) and annotations directly to 3D models and has been available for over 20 years. During this time, it has evolved from propriety data used within a single solution provider’s tools to a STEP standard with cross-solution interoperability. In this webinar, CIMdata will cover the basics of PMI, how it fits into a comprehensive PLM strategy, some common PMI use cases, and describe a project that leverages PMI as part of a digital transformation or product development process improvement program.

Attendees at this webinar will:

- Learn what PMI is.
- Learn how PMI can be applied.
- Gain an understanding of the value of PMI by applying use cases.
- Learn what is required to get PMI deployed and functioning properly within an organization.
- Learn how to incorporate PMI into a digital transformation program.
- Learn how to leverage PMI to shorten time-to-market and improve data and product quality.

According to Tom Gill, CIMdata's Practice Manager for PLM Enterprise Value and Integration and the host for this webinar, "PMI is a proven foundational technology that enables model-based enterprise strategy and positively impacts time-to-market and product quality when properly implemented. While success stories exist, few companies have fully embraced PMI and incorporated it into their processes. The process changes enabled by a robust implementation of PMI should be on every PLM roadmap."

Tom Gill has 35 years of experience applying computer-based solutions to engineering and manufacturing. Before joining CIMdata, he worked as an independent PLM consultant after spending more than 20 years at high-volume manufacturing companies. He has worked in numerous industries, including fabrication & assembly, food & beverage, defense, chemical, and medical devices. He has executed PLM strategy projects, solution evaluation and selection projects, deployment planning, and training development for industrial clients.

This webinar will help anyone responsible for defining and managing product information-related business processes, such as directors and managers within product development, manufacturing, and service. It will also interest PLM solution provider employees responsible for sales, marketing, and consulting.

During the webinar, attendees will have the opportunity to ask questions about the topics discussed. To find out more, visit: <https://www.cimdata.com/en/education/educational-webinars/webinar-how-product-manufacturing-information-enables-digital-transformation>. To register for this webinar, please visit <https://register.gotowebinar.com/register/8348620805208871259>.

How to best approach data governance

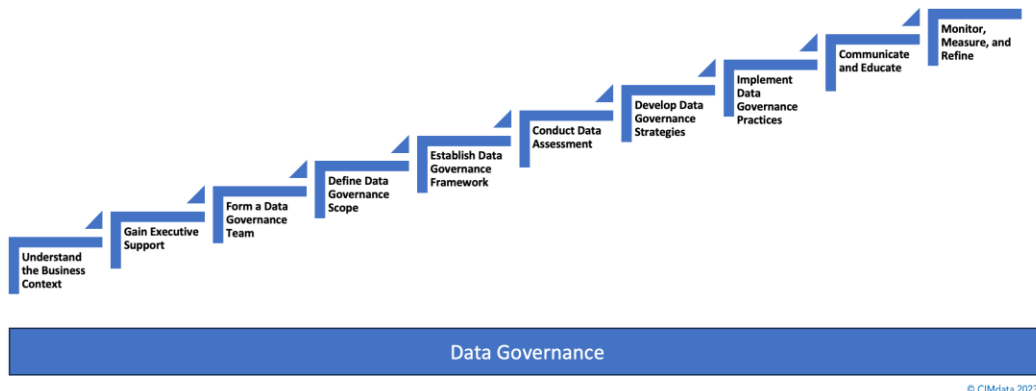
9 October 2023

Written by [Janie Gurley](#)

I really enjoy talking about data governance and wonder why more people don't embark on the journey. In this blog, I will explore "How to best approach data governance."

To approach data governance effectively, it's important to follow a strategic and structured approach. Here are some key steps to follow:

A 10-step Approach For Data Governance Success



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1. **Understand the Business Context:** Start by understanding your organization's specific needs, goals, and challenges. Identify the business drivers and objectives that data governance aims to support. Consider your industry, regulatory requirements, organizational structure, and data landscape to determine the context in which your data governance needs to operate.
2. **Gain Executive Support:** Obtain executive sponsorship and support for your data governance initiative. Executives play a critical role in providing resources, setting priorities, and driving organizational change. To gain their commitment clearly articulate the benefits of data governance and demonstrate its alignment with business strategies.
3. **Form a Data Governance Team:** Assemble a dedicated team responsible for overseeing data governance efforts. This team should include representatives from different business units, IT, legal, compliance, and other relevant areas. Assign specific roles and responsibilities within the team, ensuring a diverse skill set to cover various aspects of data governance.
4. **Define Data Governance Scope:** Clearly define the scope of your data governance initiative. Determine the data domains, systems, processes, and stakeholders that will be included. Establish boundaries to manage the scope effectively and avoid overwhelming the organization with an overly broad implementation.
5. **Establish a Data Governance Framework:** Develop a comprehensive framework that outlines the guiding principles, policies, and procedures for data governance. This framework should address data quality, data privacy, data security, metadata management, data lifecycle, data stewardship, and other key aspects. Customize the framework to align with your organization's unique needs and characteristics.
6. **Conduct Data Assessment:** Assess your organization's current state of data. Identify data sources, systems, and data flows. Evaluate data quality, consistency, and integrity. Identify data governance gaps and prioritize areas for improvement. This assessment serves as a foundation for developing your data governance strategies and action plans.

7. **Develop Data Governance Strategies:** Based on the assessment findings and organizational objectives, develop strategies and action plans for addressing your data governance gaps. Define specific goals, milestones, and metrics to measure progress. Consider strategies for data governance implementation, data quality improvement, metadata management, data privacy, and other relevant areas.
8. **Implement Data Governance Practices:** Put your strategies into action by implementing data governance practices. This may involve establishing data governance committees, defining data stewardship roles, developing data policies and standards, implementing data quality controls, and integrating data governance into existing processes and systems.
9. **Communicate and Educate:** Communicate the importance of data governance across the organization. Raise awareness about the benefits of data governance and how it impacts decision-making, operational efficiency, and compliance. Provide training and education to employees to build data governance awareness and capabilities.
10. **Monitor, Measure, and Refine:** Continuously monitor and measure the effectiveness of your data governance initiative. Establish key performance indicators (KPIs) to track progress, identify areas for improvement, and demonstrate the value of data governance to stakeholders. Use feedback and insights to refine your data governance strategies and practices over time.

In closing, data governance is an ongoing process that requires continuous attention and adaptation. Remember, it's important to create a culture of data governance within the organization and foster a collaborative approach to data management. By following these steps and adapting them to your organization's specific needs, you can establish a solid foundation for effective data governance.

Please feel free to [reach out to me](#) if you would like to chat more about data governance!

Warm regards. [Janie](#)

Check out CIMdata's [Data Governance Dossier](#) for more on the topic!

Acquisitions

Accenture Acquires Creative Change Management Consultancy, The Storytellers

13 October 2023

Accenture has acquired The Storytellers, a U.K. creative management consultancy that partners with CEOs and other C-Suite leaders to develop their narratives to accelerate transformational change and boost performance in their organizations. The acquisition will enhance Accenture's capabilities in transformational change and further help clients with articulating and activating their vision and change strategies. Terms of the transaction were not disclosed.

Founded in 2003, The Storytellers has a proven track record of helping business leaders with a human-centred approach to activate their transformations and new business strategies. They

combine deep expertise in storytelling with facilitation, skills-building, creative communications, and immersive digital and live event production, to help leaders create and deliver a compelling, action-oriented narrative that motivates their colleagues and customers. The Storytellers has partnered with over 200 clients to co-create stories that have helped to realise the benefits of change in organizations. Their team of professionals will join the Talent & Organization / Human Potential practice.

“In twenty years, The Storytellers has built a formidable reputation for helping business leaders accelerate their transformation strategies to thrive in a world of fast-paced change,” said Tim Good, Accenture’s Talent & Organization / Human Potential lead, EMEA. “A compelling vision and narrative are now fundamental for driving change, and they bring deep understanding of the transformative power of a story and its role in energising people around a shared ambition. Together, with Accenture’s breadth of consulting and technology services, we will bring an innovative team to C-Suite clients to help them reinvent their business and build resilience for the future.”

Chris Spencer, CEO of The Storytellers, said, “People are demanding more human connection and authenticity from leaders as they tackle today’s pertinent issues – including the rise of AI and sustainability. Leaders need a fresh way to motivate people to take action, and bridge the gap between strategy and execution, where many transformations can fail. With Accenture’s expertise and highly respected transformational change capabilities, now is the time to take our business to the next level and join forces to deepen our impact with clients.”

The Storytellers is the latest acquisition Accenture has made to strengthen its capabilities in its Talent & Organization / Human Potential practice, following the acquisitions of YSC Consulting in 2022, Cirrus, fable+, Future State and Root Inc. in 2021 and Kates Kesler in 2020.

Bentley Systems Announces Seequent’s Acquisition of Geothermal Simulation Leader Flow State Solutions

11 October 2023

Bentley Systems, Incorporated, the *infrastructure engineering software* company, announced that Seequent, The Bentley Subsurface Company, has signed an agreement to acquire Flow State Solutions, an industry leader in geothermal simulation software. The move further solidifies Seequent’s position as the most comprehensive subsurface software provider for the geothermal industry.

Flow State Solutions’ geothermal reservoir, wellbore, and surface network simulation software helps project developers and operators better understand geothermal resources for asset development and optimization and improved well performance. Combining Flow State Solutions’ *Volsung* portfolio with Seequent’s capabilities creates the most robust end-to-end solution for reservoir analysis available. Detailed models of the subsurface built in Leapfrog Energy can be utilized in Flow State Solutions’ simulation environment to build a full picture of a geothermal asset.

Geothermal industry leaders are already utilizing both solutions to better understand their resources. Simon Webbison, Vice President, Exploration and Resource Management, Ormat Technologies Inc., said, “Ormat Technologies is one of the largest and most active geothermal companies globally, and we are delighted to see the combination of Seequent and Flow State Solutions software capabilities through this acquisition. We already use both companies’ software to better understand our geothermal assets and predict performance, and we are looking forward to working with the joint team to continue driving our success.”

Graham Grant, CEO, Seequent, said, “We are delighted to welcome the Flow State Solutions team to Seequent. Geothermal has the potential to help solve the world’s biggest energy challenges. With this acquisition, Seequent’s best-in-class subsurface analysis software enables a full understanding of geothermal asset performance.”

Flow State Solutions co-founder Jonathon Clearwater, who joins Seequent as Technical Domain Expert, Reservoir Engineering, said, “We are excited to join Seequent’s energy team. By combining Seequent’s expertise and our technical capability in geothermal modeling, we are looking forward to making a significant contribution to the renewable energy transition through improved management of natural resources.”

CAPGEMINI BOOSTS ITS SEMICONDUCTOR CAPABILITIES IN EUROPE WITH ACQUISITION OF HDL DESIGN HOUSE

9 October 2023

Capgemini announces the acquisition of HDL Design House, a leading independent provider of silicon design and verification services in Europe. The acquisition will extend the Group’s global silicon engineering capabilities that are already among the world’s largest. It reinforces silicon services as a key enabler of the intelligent industry revolution where the Group is a leader. The transaction closed on September 27.

Founded in 2001 and headquartered in Belgrade (Serbia), HDL Design House comprises approximately 300 highly skilled engineers with substantial experience in delivering advanced custom chip designs for multiple industries. Its clients are highly complementary to Capgemini’s and include major players in the semiconductor industry as well as leading Original Equipment Manufacturers (OEMs), who are harnessing the full potential of chips to create intelligent and connected products.

As a strategic business and technology transformation partner, Capgemini enables the convergence of products, software, data, and services for industry leaders. Silicon engineering services are a central piece of that combining the Group’s expertise in digital technologies while delivering business outcomes, whether in terms of performance, connectivity, sovereignty, or sustainability.

This acquisition will allow Capgemini to significantly reinforce its semiconductor presence in Europe, a key destination for this strategic industry.

“After 22 years of building and developing world class expertise for each and every step of systems on a chip implementation, and continuously increasing our capabilities in chip design

services, while working with major semiconductor companies on leading edge development projects, HDL Design House begins a new chapter in its evolution. Joining Capgemini is a natural next step for us as we will become part of an important global and multidisciplinary organization. It is a very exciting prospect for HDL Design House and its employees,” said Predrag Markovic, President & CEO, HDL Design House.

“As part of our intelligent industry work for clients Capgemini is designing, developing and delivering tomorrow’s products and services that are both smart and connected. With digital now inside everything, semiconductors are at the heart of companies’ business transformations,” comments William Roze, CEO of Capgemini Engineering and Group Executive Board Member. *“HDL Design House is a leader in silicon innovation. It will strengthen our team and presence in Eastern Europe to further meet global demand for the latest generation of high-performance and ‘intelligent’ products. I am very happy to welcome them to Capgemini.”*

HAUSMANN WYNEN BECOMES PART OF SEMA, WGSYSTEM AND COMPASS

11 October 2023

With the support of family investor Bregal Un-ternehmerkapital (BU), a powerful group of software companies specialized in various construction trades has been formed around SEMA, one of the world's leading software providers in the fields of timber construction, stair design and sheet metal work.

Now the group has been extended by another prominent member: Hausmann Wynen from Monheim, a well-established company in industry software meeting the special requirements of the electrical, plumbing, heating, air conditioning, ventilation and PV systems sectors as well as in trade. The new synergies help the partners to enhance their growth together and to create additional added value for their customers.

During its 40-year history, Hausmann Wynen turned out to be not only a reliable partner for specialized electrical engineering companies but also for building services companies and trading companies. Today, around 4,800 small and medium-sized professional electrical companies as well as around 40 retailers and wholesalers from all over Germany work with the two products "Powerbird", a vertical industry software with all functionalities from calculation, financial accounting, wage accounting to modern mobile apps, and "Sitara", an ERP software focussed - among others - on retailers and wholesalers with modules for finance and accounting as well as employee management. Hausmann Wynen employs more than 88 experts.

Hausmann Wynen, an excellent player in a fast-growing market segment now complements the product range of a group that is already well-established in the market and on its way to become a broadly positioned construction-tech player. With already more than 11,000 customers, this group includes SEMA, one of the world's leading providers of CAD/CAM software solutions for timber construction, stair design and sheet metal work, as well as the partner companies WGsystem (commercial industry software with a focus on timber construction, carpentry and roofing) and Compass (software for stair design, timber and

window construction with a focus on CNC connections and workshop organisation), which have joined the group in recent years.

"The newcomer significantly strengthens our group once again and expands our portfolio by new, neighbouring industries," explains Alexander Neuss, CEO of the group. "All kind of specialized companies face similar challenges in terms of digitalisation - our customers benefit from the combined experience of our group members, who all share the same target: the development of optimal and practical solutions together with the customer, which are oriented towards the needs of today and tomorrow."

"We are very pleased to become part of a powerful and fast-growing group and to be actively involved in its further development. The list of complementary competences as well as opportunities for joint growth is long, so that customers and employees can look forward to numerous benefits," say Peter Albrecht and Sven Wollthan, managing directors at Hausmann Wynen.

Maya HTT acquires SmartMeca

12 October 2023

It is our great pleasure to announce that SmartMeca was acquired by Maya HTT on February 1, 2023.

Maya HTT is a leading reseller, software developer and service provider for the Siemens Digital Industries Software solution. Maya HTT's team of engineers and scientists working in Europe and North America is happy to welcome SmartMeca's clients.

Our lead partner, Siemens Digital Industries Software, develops Siemens Xcelerator, an open digital business platform that accelerates the digital transformation. Businesses of all sizes can access digital technologies to transform the way they innovate, collaborate and improve their competitiveness. Cross-domain engineering increases the complexity of product design. Siemens Xcelerator integrates mechanical design, electrical and electronic systems, software and multiphysics simulation to create a complete digital twin.

What does this mean for SmartMeca customers?

SmartMeca customers can expect to enjoy all the same services as before, delivered and managed by Maya HTT. In addition, they will gain access to the full range of Maya HTT's services, products, and expertise.

The relationships and partnerships we have built with our clients have brought us to where we are today: teaming up with experts at the forefront of digital engineering and software development.

We look forward to our close partnership and collaboration.

Revalize Expands Foodservice Equipment & Supplies Portfolio with Latest Acquisition

11 October 2023

Revalize, a worldwide leader in CAD, CPQ, and PLM software solutions for manufacturers, announced the acquisition of KCL, the premier design software for foodservice equipment in North America and beyond.

Revalize delivers more efficient routes from idea to cash, increasing agility and speed-to-market, while reducing costs and complexity for businesses that design and model, with its industry-leading CPQ solution. KCL enhances Revalize's CPQ offering with its robust design tools. Revalize will connect designers and manufacturers in one streamlined solution made up of the AutoQuotes(AQ) catalog and CPQ software.

Through the acquisition, KCL's design customers will find it even easier to design and customize kitchen layouts by staying in one system and using AQ to easily configure and buy products. Meanwhile, manufacturers can easily list design files and configure, price, and quote on the streamlined, integrated solution from Revalize.

"We are thrilled to announce the acquisition of KCL. It further strengthens our already market-leading capabilities within the foodservice industry," says Mike Sabin, CEO of Revalize. "This addition continues to expand our global footprint and bolsters our commitment to reshaping the world of manufacturing software across industries. KCL's robust design tools complement Revalize's current offerings by bringing FES designers and manufacturers closer together with one streamlined solution."

KCL allows FES designers and manufacturers to access a vast equipment library of accurate, up-to-date designs to easily add equipment to their kitchen layouts. KCL solutions include BIM/CAD Designer, which allows users to search, view, and download CAD blocks and Revit families for designs, and KCL NapkinSketch, which facilitates designs without running a CAD or Revit program.

"We have worked hard to provide the best tools to our customers for the last 38 years," says Kevin Kochman, President and Founder of KCL. "By combining forces with AQ Revalize, KCL has increased the opportunities to fulfill our brand promise of helping people work more efficiently."

ZWSOFT Expands Multi-physics Simulation Portfolio with Acquisition of UK's CFD Developer CHAM

8 October 2023

ZWSOFT, a reliable provider of All-in-One CAx solutions, today announced its acquisition of Concentration, Heat and Momentum Limited (CHAM), a UK-based, renowned developer of computational fluid dynamics (CFD) simulation software. With the addition of the proven CHAM's technologies and talents, ZWSOFT significantly broadens its multi-disciplinary and multi-physics simulation portfolio with a CFD solution.

Established in 1974 by Professor D. B. Spalding, the pioneer of Computational Fluid Dynamics (CDF) and Computational Heat Transfer (CHT), CHAM is a world-leading consultancy and software house specializing in computer simulation of fluid-flow and heat-transfer processes. In 1981, CHAM introduced PHOENICS, the world's first general-purpose commercial CFD software.

For nearly 50 years, PHOENICS has been widely used in a variety of industries, including machinery, electronics, automotive, architecture, transportation, and energy, serving elite universities and prominent enterprises, including the University of Cambridge, Pfizer R&D, EXCISS, WindSim, Tsinghua University, Meinhardt.

In addition to a general CFD calculation module, PHOENICS also encompasses specialized modules for two-phase flow, CVD, HVAC and medical flow analysis. Besides that, it also provides rich APIs for CAD programs, 3D modeling, PARSOL grid generation, a flexible In-Form user-defined function and more than 20 turbulence models for scenarios including combustion, radiation, and multiphase flow.

With the acquisition, ZWSOFT gains ownership of the source codes and core technologies of CHAM's product PHOENICS. The R&D and business talents of CHAM's teams in the UK and Japan will collaborate with ZWSOFT to provide exceptional service to PHOENICS customers worldwide.

This acquisition marks ZWSOFT's entry into the field of CFD software and accelerates its progress to create a comprehensive multi-disciplinary and multi-physics simulation portfolio encompassing structures, electromagnetics (EM), and fluids.

Dr. Wenjun TAN, Director of CFD Software at ZWSOFT, said, "The CHAM acquisition complements our simulation portfolio, taking us another step closer to realizing our vision of providing reliable all-in-one CAx solutions to worldwide users."

He added, "With the addition of PHOENICS, our simulation products can better meet the complicated and diverse needs of our customers, enabling them to reduce costs and increase efficiency through realizing simulation-driven design."

Company News

Accenture Invests in Aliro Quantum to Establish Secure Quantum Networks

10 October 2023

Accenture announced a strategic investment through Accenture Ventures in Aliro Quantum, a provider of multi-purpose, end-to-end entanglement-based secure quantum networks. The investment will help Accenture and Aliro equip clients with secure quantum networks that establish safe and secure data and communications.

Quantum computing uses fundamental physics and math principles to deliver insights and simulations accurately and incredibly fast. This has potential to help companies in numerous industries solve complex business problems and engage transformative capabilities, such as discovering new treatments in life sciences, improving wealth management scenarios in

financial services, and rerouting supply chains in real time. But as businesses ramp up quantum-related efforts, it is key to also consider quantum-specific security protocols and threat monitoring.

Solutions from Aliro enable businesses to automate the orchestration and control of quantum networks for use cases including with quantum secure communications, scaling quantum computing, distributed quantum sensing, and the quantum internet. Aliro uses entanglement-based quantum cryptography to allow senders and receivers to produce shared knowledge and outcomes, while also minimizing risk of a third party maliciously gaining access.

“The speed and security of quantum networking means that its impact on everything from telecommunications to cybersecurity to research will be more transformative and impactful than anything we can dream of today,” said Tom Lounibos, managing director, Accenture Ventures. “We will continue to support Aliro as the company moves towards its mission to build the world’s first scalable quantum networks.”

Dr. Prineha Narang, founder and CTO with Aliro Quantum, said “I am deeply grateful for the confidence and trust placed in our team by Accenture Ventures. We believe this additional funding reinforces the significance that quantum networking has in shaping the future of secure communications and validates our approach to designing and building scalable and commercial entanglement-based quantum networks. We are excited to collaborate with Accenture to propel our business growth, nurture partnerships, and drive innovation in quantum information science.”

Accenture will also integrate Aliro software capabilities into its cybersecurity offerings to support the growth and deployment of secure quantum networking with clients.

Carl Dukatz, Accenture’s global Quantum Computing lead, added: “Businesses that start with a cohesive strategy and roadmap are best positioned to take advantage of quantum’s power to solve complex challenges. Being able to integrate existing infrastructure and technologies is crucial as well. Collaborating with Aliro will help our clients set up the seamless and reliable configuration, management and control that is necessary to advance the use of commercial quantum networking technologies.”

Terms of the investment were not disclosed.

AVEVA Announces Strategic Partnership with Work Packs to Boost Construction Industry Productivity

9 October 2023

AVEVA, a global leader in industrial software driving digital transformation and sustainability, has announced a strategic partnership with Work Packs Inc., a leader in construction management software. The partnership leverages AVEVA's expertise in digital transformation with innovative solutions offered by Work Packs Inc., to specifically support capital projects.

AVEVA and Work Packs Inc. are together positioned to meet the distinctive challenges faced by engineering, procurement, and construction (EPC) companies and owner-operators. By rolling

out cohesive and data-centric solutions, the partnership will enable users to unlock wide-ranging benefits improving productivity, efficiency, and safety, and reducing costs.

WorkPacks is a leading software as a service (SaaS) platform, designed for capital project and construction management. Using unique techniques in virtual construction modeling, WorkPacks centralizes the planning, sequencing, and automation of the Path of Construction. The platform provides stakeholders with a comprehensive view of their work packages, complemented by in-depth analytics and essential project key performance indicators. Adaptable and scalable, it is designed to support both small-scale and large construction projects.

WorkPacks integrates with AVEVA Everything3D (E3D), AVEVA Enterprise Resource Management (ERM) and AVEVA Asset Information Management (AIM) solutions, helping customers make data-driven decisions and fostering insights for successful project collaboration and execution.

Greg Pada, Vice President, Head of Engineering Business, AVEVA, said: "We are delighted to partner with Work Packs Inc. to improve project outcomes for the construction sector. AVEVA has a track record of de-risking capital projects, enhancing cost and schedule predictability, and driving higher-value outcomes. This strategic partnership will further empower customers to use their project data more effectively by automating the creation and management of work packages, reducing idle time, minimizing resource use, and improving the productivity and sustainability of their capital projects."

Robert Blackmon, Chief Executive Officer, Work Packs Inc. added: "We are excited to collaborate with AVEVA, a global leader in project execution solutions and digital transformation. This game-changing alliance complements our industry-leading work packaging solution leveraging AVEVA's data-centric approach to capital project planning and construction – enabling customers to save on time and costs while delivering superior projects."

Bentley Systems Announces Executive Appointments

11 October 2023

Bentley Systems, Incorporated, the infrastructure engineering software company, announced executive appointments.

Kristin Fallon joins Bentley as Chief Marketing Officer, based in Annapolis, Maryland. Most recently, Fallon was Global Head of Brand and Digital Marketing at GE HealthCare, an \$18 billion medical technology and software company. Among many accomplishments, she led the company's rebranding as part of its separation from GE, for which she was named Communicator of the Year by the Association of National Advertisers. Prior to GE, she spent 10 years in international aid, leading marketing and communications for social, environmental, and economic development projects in Asia and Africa. Fallon earned a BA in economics at Wake Forest University and an MBA at the University of Maryland. She is a board member of the university's Center for Social Value Creation and a board member of the International Advertising Association.

Fallon succeeds Chris Bradshaw who takes on the newly created role of Chief Sustainability Officer, based in Easton, Maryland, bringing together Bentley's sustainability and education initiatives, with the objective of empowering Bentley's users to achieve sustainable development goals, while ensuring the next generation of engineers has the tools and knowledge to succeed.

Colin Ellam joins as Chief Executive Officer of Cohesive, Bentley's digital integrator business, based in Manchester, United Kingdom. Most recently, Ellam served as Global Head of Nuclear at Capgemini. He previously led the Capital Projects business for Accenture in the U.K., providing consulting and technology services for the infrastructure sector, including Transport, Utilities, and Power. Ellam has worked across many geographies including Asia Pacific, Middle East, Europe, and Africa and lived and has worked in the United States for three years. He succeeds Mark Bew, who takes on an advisory role, having grown Cohesive into a global organization of more than 700 colleagues in 15 countries.

Oliver Conze joins as Senior Vice President, Bentley Infrastructure Cloud, based in Heidelberg, Germany. Most recently, Conze was Chief Product Officer at Customs4trade, a B2B SaaS startup automating international trade management, where he was responsible for product, technology, and operations. Previously, Conze spent 15 years at SAP, where he held a variety of executive roles in product management, portfolio strategy, and customer success. Conze earned a master's degree in industrial engineering at Karlsruhe Institute of Technology, an MS in Management Science at Stanford University, and a Ph.D. at University of St. Gallen.

Bentley Chief Operating Officer Nicholas Cumins, said, "This is a pivotal moment for the infrastructure sector and an exciting time to be in infrastructure engineering software. It is gratifying that Bentley Systems has attracted world-class talent to position the organization strongly for our next phase of growth and to help our users in the world's leading infrastructure organizations design, build, and operate more sustainable and resilient infrastructure."

CGS Bolsters Global Expansion with Key Appointments of Senior Sales Leaders in North America and Europe

11 October 2023

CGS, a global provider of business applications, enterprise learning and outsourcing services, is pleased to announce the appointment of two seasoned industry veterans to its leadership team. James Lee has joined as Head of Sales for the Americas, while Ross Telfer assumes the role of Vice President of EMEA Sales and Business Development. These strategic appointments are a testament to CGS's commitment to fueling its aggressive global growth plans and fortifying its position as a leader in the BPO and customer experience space.

James Lee brings a wealth of experience to his role, having spent over two decades in the global outsourcing services and technology sectors. With an impressive background in consultative sales, client services, digital transformation and leadership, James has consistently driven revenue growth and forged lasting client relationships throughout his career. His deep expertise in navigating complex markets and creating tailored solutions makes him an invaluable addition to CGS.

Commenting on his decision to join CGS, James Lee stated, "I am thrilled to join CGS, a founder-led company with a rich history of innovation and excellence. CGS is the best-kept secret in the industry, and I am excited to be part of the leadership team that will propel the company to even greater heights. With its cutting-edge technology and a culture of unwavering commitment to client success, CGS is poised for incredible growth." James comes to CGS from TTEC, where he was vice president of CX solutions and growth. He has held vice president and additional leadership roles at Atento, Foundever, Blackstone, and Cognizant. James received his BA in MIS from University of Colorado, Boulder.

Ross Telfer, the newly appointed Vice President of EMEA Sales and Business Development, brings a similar track record of success to CGS. With over 20 years of experience in global sales and business development, Ross has a proven ability to drive expansion in diverse markets. His focus on customer-centric strategies and deep industry knowledge will be instrumental in accelerating CGS's growth in the EMEA region.

Ross Telfer expressed his enthusiasm for joining CGS, stating, "I am excited to be part of CGS's dynamic team and to contribute to the company's global growth. CGS is an industry leader with an impressive portfolio of solutions, yet it remains somewhat under the radar in the EMEA region. I believe that CGS is poised for a remarkable journey, and I look forward to helping our clients unlock their full potential with our innovative services." Prior to joining CGS, Telfer held vice president sales and business development and director of operations roles with global brands including Teleperformance, Aegis Global and Startek. Telfer graduated from the Cardinal Vaughan Memorial School in London.

"This is an exciting time to be part of the BPO industry – customers and their end users are expecting, and in fact demanding, a seamless user experience requiring innovative, immersive technologies integrated with personalized, one-on-one support from actual humans," said Cathy Jooste, president of CGS' BPO division. "Enter CGS. We're often called the best-kept-secret in BPO, and that's about to change. For nearly 40 years, our technology-first approach, coupled with our passion for creating out of the box solutions has been the difference for scores of Fortune 500 brands who've chosen CGS. Having industry leaders such as James and Ross join our team is a testament to our dedication to the industry and provides momentum as we expand both our geographic reach and our solution portfolio to meet the evolving needs of our clients worldwide."

The CGS BPO Division

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, financial services, healthcare, technology, and telecom. CGS's innovative, scalable and flexible business process outsourcing (BPO) solutions include help desk, technical and customer support, tele sales, and back-office support.

Eagle Point Software Announces Partnership with Esri

10 October 2023

Eagle Point Software, creator of the Pinnacle Series learning management system, has announced an official partnership with Esri, a global leader in geographic information system (GIS) software, location intelligence, and mapping.

"Our partnership with Esri is truly a win-win for all Eagle Point clients," shared Steve Biver, Eagle Point COO. "In close collaboration with Esri and Autodesk, the Eagle Point team is providing needed content to help architecture, engineering, and construction professionals more efficiently complete projects. We aim to take capabilities in these sectors to the next level, with Eagle Point leading the charge on the development and deployment of high-quality content."

"We are excited to be working with Eagle Point to provide leading geospatial learning content to their Pinnacle Series users," said Kathleen Kewley, Esri director for AEC global business development. "This has been a game-changer for architecture, engineering, and construction customers, as they can more precisely and efficiently design projects when equipped with tools that provide geographic context and insight."

Pinnacle Series is an AEC and manufacturing learning management solution with a comprehensive library of videos, documents, and other development resources that enable long-term employee training, on-demand problem-solving, and digital transformation.

HCLFoundation And Stanley Black & Decker To Make Indian Youth Job-Ready For The Manufacturing Industry

9 October 2023

HCLFoundation, which delivers the corporate social responsibility agenda of HCLTech in India, has signed a memorandum of understanding (MoU) with Stanley Black & Decker, a worldwide leader in tools and outdoor powered equipment, to skill youth in India to make them employable in the manufacturing industry.

Stanley Black & Decker will establish training and development hubs at two government-run industrial training institutes (ITIs)—ITI Morwadi in Pune and ITI Guindy in Chennai—where HCLFoundation will implement the power tools skill development program.

Approximately 1,000 youth are expected to benefit annually from the collaboration. The program will also impart advanced training to ITI trainers, aligning them with the latest market technologies. Industry outreach activities, technical guest lectures, job fairs and health camps will also be organized.

"Our mission is to equip youth and the industrial workforce with job-ready skills and support the growth of manufacturing sector in India," said Dr. Nidhi Pundhir, Vice President, Global CSR, HCLFoundation. "By harnessing the combined strengths of HCLFoundation and Stanley Black & Decker, we are poised to make a tangible impact on the lives and careers of countless individuals."

"We are proud to contribute to this endeavor and share our expertise in power tools. This initiative is not only about skill development but also about enhancing safety practices and efficiency in the industry," said Sunil Krish, Director-Manufacturing, Stanley Black and Decker India Pvt. Ltd.

HONEYWELL TO REALIGN PORTFOLIO TO THREE POWERFUL MEGATRENDS: AUTOMATION, FUTURE OF AVIATION, AND ENERGY TRANSITION

10 October 2023

Honeywell announced plans to realign its business segments to three compelling megatrends: automation, the future of aviation, and energy transition. This shift within the company's segments will enable Honeywell to deliver accelerated organic sales growth and inorganic capital deployment, creating greater value for shareholders. The new segmentation will take effect beginning first quarter 2024.

"We are committed to delivering differentiated, profitable growth," said Honeywell Chief Executive Officer Vimal Kapur. "After a complete review of our portfolio, we plan to organize our businesses around three powerful megatrends, each of which is underpinned by our robust digitalization capabilities and solutions. This simplified structure will enable Honeywell to realize synergies that will accelerate our innovation playbook, leverage our financial strength, and unlock greater value through our Accelerator operating system.

"As we enter the next phase of transformation, this realignment will enable us to consistently deliver our upgraded financial algorithm, drive innovation that will help solve the world's toughest sustainability and digitalization challenges, and deploy capital more effectively."

Aligning Our Segments with Three Compelling Megatrends

The updated reporting structure will include four segments, underpinned by the company's world-class Accelerator operating system and Honeywell Connected Enterprise integrated software platform, enabling Honeywell to better serve its customers and positioning us to outperform in any environment.

- **Aerospace Technologies (AT):** Used in virtually every commercial and defense aircraft platform worldwide, Honeywell aerospace products will continue to lead the future of air travel, including driving advanced air mobility and greater sustainability with the electrification of aircraft.
- **Industrial Automation (IA):** With a deep history in industrial automation that spans more than five decades, Honeywell enables process industry operations, creates world-class sensor technologies, automates supply chains, makes warehouses smarter, and improves worker safety. This combination will build on our core strengths in controls and automation technologies, deliver better commercial outcomes for our customers, and enhance our growth.
- **Building Automation (BA):** Through hardware, software, sensors, and analytics, Honeywell helps customers convert buildings into integrated, safe, and more sustainable assets. With solutions and services used in more than 10 million buildings

worldwide, Building Automation will continue to strengthen Honeywell's position in attractive end markets like hospitals, airports, education, and data centers.

- **Energy and Sustainability Solutions (ESS):** With a decades-long focus on sustainability, Honeywell enables the energy evolution, improves resiliency and efficiency, reduces emissions, and facilitates the circular economy. Honeywell's expertise in this area will continue helping solve the world's toughest challenges across our end markets.

New Leaders Appointed for New Business Groups

Effective January 1, 2024, Lucian Boldea will serve as president and CEO of the Industrial Automation segment, and Ken West will serve as president and CEO of the Energy and Sustainability Solutions segment. Both Boldea and West will report to Kapur and serve as company officers.

Billal Hammoud will remain President and CEO of the renamed Building Automation segment, and Jim Currier will remain President and CEO of the renamed Aerospace Technologies segment. Kevin Dehoff will remain President and CEO of Honeywell Connected Enterprise.

"Our strategic business group leaders are well-positioned to lead Honeywell in both organic and inorganic growth," Kapur noted. "They have demonstrated a deep understanding of our customers and end markets and are capable of delivering strong results across our industries. Their combined experience and drive to create value for customers and shareowners position Honeywell well for the future."

Third Quarter and Full Year Update

Honeywell anticipates strong third-quarter results in line with previously-issued guidance ranges for sales and segment margin, led by strong results in its Aerospace and Performance Materials and Technologies business groups. Earnings per share is expected to be within or above the previously-issued guidance range, and full year results are expected to be within the previously-issued guidance ranges. The company will hold its quarterly earnings announcement on Thursday, October 26, at 8:30 a.m. EDT.

Conference Call Details

Honeywell will discuss the portfolio realignment during an investor conference call starting at 8:30 a.m. Eastern Daylight Time today. A live webcast of the investor call as well as related presentation materials will be available through the Investor Relations section of the company's website (www.honeywell.com/investor). A replay of the webcast will be available for 30 days following the presentation.

OpenText Introduces New Unified Global Partner Network

10 October 2023

OpenText™, the information company, announced™ its new unified OpenText Partner Network. The OpenText Partner Network unifies OpenText's and recently acquired Micro Focus' partner ecosystems to offer cohesive support and greater opportunities to the entire network consisting of more than 30,000 partners. Now, aligned under a standardized program framework, partners will have access to OpenText's depth of expertise and breadth in

information management that will equip them with best-in-class solutions to deliver exceptional value to enterprise customers.

“As we advance our opentext.ai vision and strategy, the OpenText Partner Network is going to be a thriving ecosystem where collaboration and innovation flourish. OpenText is investing in R&D to develop advanced technologies that our Partners will be able to build upon. Together we are going to help customers around the globe improve and secure their underlying data and information flows to take advantage of AI,” said Sandy Ono, Chief Marketing Office, OpenText. “We are committed to co-innovation with our partners to deliver exceptional value to our customers. Together, we will bring cloud and AI to new heights.”

“As generative AI moves on from the initial hype, the work to ensure a measurable return on investment begins,” said Darryl Gray, Global Vice President of Software Partner Solutions at SAP. “SAP is committed to creating an enterprise AI ecosystem for the future that complements our world-class business applications suite and helps our customers unlock their full potential. We support the vision behind OpenText's opentext.ai strategy and are confident that OpenText's latest innovations will enable businesses of all sizes and industries to elevate their operations to unimaginable heights.”

The new OpenText Partner Network program includes:

- **OpenText Partner Program for Enterprise Partners** – a single standardized program framework with globally consistent expectations, processes, and benefits tied to future growth.
- **OpenText Cloud Acceleration Program** – for mid-market partners, focused on building new business and growth opportunities for partners through OpenText public cloud offerings.
- **OpenText Aviator Thrust for Partners** – an exciting new offering for partners to build custom solutions for clients using OpenText Cloud API services to serve customers on their AI journey or to create industry-specific solutions.
- **OpenText SolEx program** – an initiative that gives Partners the opportunity to be an extension of OpenText products with joint solutions that meet specific needs in the market.

The OpenText Partner Network is active in 150 countries around the globe serving thousands of end customers with leading information management solutions.

Availability

The new OpenText Partner Network is immediately available to all eligible partners.

Trimble Announces FedRAMP Authorized Status for e-Builder Enterprise Government Edition

10 October 2023

Trimble announced that e-Builder Enterprise Government Edition, a leading cloud-based digital project delivery solution for owners of capital improvement programs, has received an Authorization to Operate (ATO) based on the security assessment requirements of the Federal Risk Authorization Management Program (FedRAMP). The FedRAMP program addresses the security of commercial cloud service providers and helps government officials manage risk in a cloud-based environment.

The advancement from FedRAMP In Process to FedRAMP Authorized status is part of the rigorous process to ensure cloud solution offerings that process unclassified information for U.S. government agencies meet stringent security requirements aligned with National Institute of Standards and Technology (NIST) standards and guidelines. The authorizing agency is the U.S. Department of Energy.

The e-Builder Enterprise Government Edition affords U.S. federal, state and local agencies a FedRAMP-compliant construction management solution to support the digital project delivery of their Capital Improvement Programs (CIPs) or State Transportation Improvement Programs (STIPs). The availability of such a solution that meets federally mandated security standards is especially important to those agencies benefiting from the Bipartisan Infrastructure Law (BIL), which has created a heightened demand for advanced digital construction management systems.

"Helping private and public sector owners, including federal, state and local government customers, build 'within budget and on schedule' has been a focus of Trimble for many years," said Daniel Boron, Vice President and General Manager for Digital Project Delivery at Trimble. "The inclusion of higher standards for data security has never been more important than in today's current climate. With the new ATO status, we can enable more agency customers to meet federal compliance requirements and create efficiencies in their capital infrastructure projects."

Available on the FedRAMP Marketplace with the designation FedRAMP Authorized, e-Builder Enterprise Government Edition is an advanced digital construction management system with built-in, federally-approved levels of security controls and compliance features not offered by public clouds.

Agencies have been limited in improving their digital project delivery performance because of the lack of FedRAMP construction management system options. With e-Builder Enterprise Government Edition, agencies can digitally track fund allocation, view real-time project-status updates, implement cost controls, manage documents efficiently and have confidence in stringent data security for their capital improvement programs.

usb becomes Bertrandt Systems & Consulting

11 October 2023

With the Bertrandt brand, which is known for innovation, quality and sustainability, our company gains visibility and strength – as an independent GmbH within the Bertrandt Group.

Under the new name Bertrandt Systems & Consulting GmbH the former usb Gesellschaft für Unternehmensberatung und Systementwicklung mbH has already been entered in the Commercial Register.

We look forward to increased awareness for our technical and professional competencies in the implementation, optimization and operation of highly efficient PLM and CM systems and to being able to apply them at all of Bertrandt's customers.

Customers and business partners of Bertrandt Systems & Consulting GmbH will benefit thanks to our group affiliation from an even stronger network in various areas of engineering, flanked by a broader industry know-how and a more diverse practical expertise.

As Bertrandt Systems & Consulting GmbH is the direct legal successor of usb GmbH, purchase orders and any other existing contracts remain valid and will continue to be processed. Also our Commercial Register No, VAT-ID as well as bank account and postal address remain unchanged.

As a development partner, a source of inspiration, an expert training provider and with an undiminished passion for customized solutions, we count on continuing and further expanding the trusting cooperation with our stakeholders!

Event News

Eaton Corporation, Honda, Polaris, Medtronic, Schlumberger and Lockheed Martin Corporation: a rich agenda from a variety of industries announced for the ESTECO Users' Meeting North America (UM23)

10 October 2023

The agenda of the 8th biennial ESTECO Users' Meeting North America (UM23), scheduled for October 24 and 25, 2023 at Saint John's Resort in Plymouth, MI is now ready and it includes many engaging talks from industrial customers.

Every two years, the **ESTECO Users' Meeting North America** hosts over 100 **modeFRONTIER** and **VOLTA** users and enthusiasts including representatives of leading organizations to talk about digital engineering software solutions for Simulation Process and Data Management (SPDM), process integration and design optimization.

Speakers from **various industries** are going to share their insights, experience and success stories, providing a unique perspective on the application of ESTECO Technology.

Day one includes two visionary keynotes, “**Immortal machines**” by **Jason Carroll** from **EATON Corporation** and “**Augmenting decision-making throughout the product lifecycle via simulation-based insights**” by **Kevin Brittain** from **Cummins Inc.**

Honda, Schlumberger Technology Corporation, Wilson Sporting Goods, Medtronic and **Lockheed Martin** are only some of the big names on the agenda.

The two-day event is also a unique opportunity to discover the latest features and advancements in ESTECO products, presented by the company’s representatives.

Day two is entirely dedicated to hands-on training, giving attendees the opportunity to see ESTECO Technology in action.

“2023 also marks 20 years since the foundation of ESTECO North America. - comments Carlo Poloni, President of ESTECO - The ESTECO UM23 is the perfect occasion to celebrate this milestone with our long-term and recent users, customers and partners”.

Jotne in upcoming events

12 October 2023

Jotne will support a series of events during the remaining of the year. See list of events below, with their corresponding links for further information.

- [EDA’s thematic workshop “SIMULATION TECHNOLOGIES AND DIGITAL TWINS”, 24 October](#)
- [Spaceport Norway, 24-25 October](#)
- [SINTEF, Digital Fremtid, 31 October](#)
- [Space Tech Expo, Bremen 14-16 November](#)
- [COOPERANTS meeting, Bremen, 16 November](#)
- [CENSSS yearly conference, 22 November](#)

MEET TRACE SOFTWARE AT SOLAR SOLUTIONS 2023 IN DÜSSELDORF

12 October 2023

Trace Software is thrilled to announce its participation in the 2nd edition of **Solar Solutions 2023**, the biggest B2B trade fair for solar energy in North West Europe. This event will be held from **29th to 30th November** in **Messe Düsseldorf**. Our team will welcome you on the **booth H8 in hall 14**.

The incredible growth of solar energy requires efficient products and solutions. For this reason Solar Solutions extends over approximately 17 500 m² with more than 200 exhibitors from 25 different countries. Thus, this event is the perfect opportunity to showcase innovations that are essential for solar system installers, project developers and other key players of the branch.

Moreover, you will be able to discover forward-looking technologies in the “**Innovation Boulevard**” and also to attend high-quality seminars and interesting live presentations.

Click the following button to get your free ticket.

We are looking forward to seeing you there!

[Save your free ticket now](#)

Where are we?

Hall 14, booth H8

Our all-in-one solution to design your photovoltaic projects

During these two days, we will be presenting our innovative software solution **archelios™ Suite**. It enables you to implement your photovoltaic project from A to Z: from installation design to yield simulation and electrical sizing.

archelios™ Suite – The solution for a complete execution of your photovoltaic projects

RBF Morph's Exciting Participation in the 14th European LS-DYNA Conference

9 October 2023

RBF Morph is delighted to announce our active participation in the upcoming [14th European LS-DYNA Conference](#), scheduled for October 18 and 19 in the beautiful city of Baden-Baden, Germany.

This event is a true highlight for us and for LS-DYNA enthusiasts across Europe and beyond. With more than 200 technical presentations, world-class keynotes, an impressive exhibition, and a diverse audience representing both industry and academia from all corners of the globe, this conference stands as a central hub for all things LS-DYNA.

The 14th European LS-DYNA Conference is poised to be nothing short of extraordinary. It boasts a lineup of over 180 talks, top-notch keynote presentations, and seven informative workshops, making it an unparalleled opportunity to witness the cutting-edge simulation technologies and innovations that are shaping our industry.

At RBF Morph, we're excited to be part of this grand event, where simulation experts from around the world will converge to explore and discuss the latest advancements. As participants in the exhibition, we eagerly anticipate the chance to showcase our mesh morphing products to this international audience of simulation experts.

We look forward to sharing our insights, connecting with fellow enthusiasts, and contributing to the vibrant exchange of ideas that this event promises to deliver. See you in Baden-Baden!

Rockwell Automation Presents: What's New in Software at Automation Fair This Year

10 October 2023

Rockwell Automation, Inc., the world's largest company dedicated to industrial automation and digital transformation, is excited to debut innovative and groundbreaking industrial software at Automation Fair 2023 in November, and you are invited to learn more!

Automation Fair is a one-of-a-kind annual event, held this year at the Boston Convention and Exhibition Center, Nov. 6 – 9, and is expected to attract over 10,000 participants from around the world to Discover What's Possible with the hottest innovations, the smartest experts, and the latest strategies.

"At Automation Fair 2023, Rockwell is unveiling groundbreaking software innovations that will redefine industrial automation," said Lisa McGregor, director, Portfolio Marketing, Rockwell Automation. "Join us to discover what's possible with the latest technologies and immersive experiences. From FactoryTalk DataMosaix, an Industrial DataOps platform that enables controlled access to relevant and contextualized data, to the FactoryTalk Optix portfolio, a new visualization platform that accelerates value and delivery with modern technology, we're pushing the boundaries of what's achievable."

This year's event has been reimagined to include more ways for attendees to delve into the latest and greatest technologies, such as tours, inspirational keynotes, and more learning and networking opportunities. Attendees will be able to experience the newest industrial automation innovations like never before with this year's expanded 500,000 square foot Expo with over 120 booths, virtual product lines, Discovery Theaters, and guided tours. Here's a sneak peak of what's in store for software.

Discover What's Possible in Software:

Fiix Asset Risk Predictor

Predict and prevent asset failure before it happens with an AI-powered tool that uses Machine Learning to understand how equipment behaves under normal conditions, and using built-in AI algorithms, alerts users when risks are detected.

FactoryTalk® Analytics™ GuardianAI™ Software

Monitors critical assets on the plant floor by establishing a baseline signature of an asset's behavior under normal operating conditions and will alert the user of any deviation from the baseline.

FactoryTalk® Analytics™ LogixAI® Software Version 2.0

Empower OT professionals with an out-of-the-box, no-code machine learning option at the edge for Soft Sensors or virtual sensors that predict hard-to-measure production values to help customers reduce waste and improve product consistency.

FactoryTalk® DataMosaix™ Industrial DataOps Platform

Offers users great configuration efficiencies through an enhanced algorithm that provides better model consistency and an improved user experience during data pre-processing.

FactoryTalk® Design Studio™ Software

Provides integrated, modern tools to allow multiple people to work together at the same time, manage conflicting edits, and track project history.

FactoryTalk® Optix™ Portfolio

Combines a modern cloud-based software platform with flexible hardware options to create an end-to-end HMI solution that empowers you with unmatched choice, innovation, and agility.

FactoryTalk® MES Software

These leading MES solutions are developed specifically for manufacturing operations and provide role-based optimization for each lifecycle stage and drive time to results for all users. PharmaSuite and CPGSuite versions are specialized workflows and functions designed for the industries they serve.

FactoryTalk® Twin Studio™ Software

Move quickly from software to software, accelerating the movement of the project through the design process with built-in change tracking and versioning.

FactoryTalk® Vault™ Software

Provides a cloud-based central storage location with modern version and access control and greater insights into designs through in-depth analysis of controller projects.

FactoryTalk® View Software Version 14

Get a clear, consistent story from the standalone machine level HMI to distributed visualization solutions covering your entire enterprise.

Plex Flexible Production Strategies

Support various production strategies to meet specific customer production requirements.

Studio 5000 Logix Designer® Software Version 36

Build modernized value by introducing a new level of support to your control systems and expand the ability to configure, program and maintain your devices.

For a complete list of all new products and solutions at Automation Fair, please click [here](#).

Financial News

Informatica To Report Third Quarter Fiscal 2023 Financial Results on November 1, 2023

10 October 2023

Informatica, an enterprise cloud data management leader, announced it will report financial results for the third quarter of fiscal year 2023, which ended September 30, 2023, following the close of the U.S. markets on Wednesday, November 1, 2023. Informatica will hold a conference call on the same day at 2:00 p.m. Pacific Time (5:00 p.m. Eastern Time) to discuss its quarterly financial results.

The conference call can be accessed by dialing (833) 470-1428 from the United States or (404) 975-4839 internationally with access code 513620.

A live webcast and replay of the conference call and earnings presentation materials will be available on the investor relations page of Informatica's company website at <https://investors.informatica.com>.

Invitation to presentation of Addnode Group's Interim Report January – September 2023

13 October 2023

Addnode Group is pleased to invite investors, analysts and media to a presentation where President and CEO Johan Andersson and CFO Lotta Jarleryd will present the interim report January – September 2023. After the presentation, there will be an opportunity to ask questions.

Date: Friday October 27, 2023

Time: 09:30 am CEST

Link to audiocast: <https://ir.financialhearings.com/addnode-group-q3-report-2023>

Link to participate via teleconference with the ability to ask questions verbally (after registration, phone numbers and conference ID to access the conference will be provided): <https://conference.financialhearings.com/teleconference/?id=5008171>

The presentation will be held in English.

The report will be published at 08:30 am CEST the same day.

The full report, presentation and link to the audiocast will be available on www.addnodegroup.com

Invitation to presentation of Hexagon's Interim Report on 27 October

12 October 2023

Hexagon will release its Interim Report for the third quarter 2023 on Friday, 27 October, at approximately 08:00 CET. President and CEO Paolo Guglielmini will host a live webcast and telephone conference at 10:00 CET.

Webcast:

The webcast will be streamed [here](#).

Telephone conference:

Anyone interested in participating in the Q&A session following the first quarter Interim Report presentation must register [here](#).

1. Upon registering, each participant will be provided with a personal PIN and dial in information via email.
2. Access to the telephone conference will be available 10 minutes prior to call start time.

All presentation material will also be available for on-demand viewing on the Company's website.

Lockheed Martin Announces Third Quarter 2023 Earnings Results Webcast

10 October 2023

Lockheed Martin will webcast live its third quarter 2023 earnings results conference call (listen-only mode) on Tuesday, Oct.17, 2023 at 11 a.m. ET. James Taiclet, chairman, president and chief executive officer; Jay Malave, chief financial officer; and Maria Ricciardone Lee, vice president of investor relations, will discuss third quarter 2023 results, provide updates on key topics and answer questions. Third quarter 2023 results will be published prior to the market opening on Oct. 17.

The live webcast will be available at www.lockheedmartin.com/investor and the accompanying presentation slides and relevant financial charts will also be available on the same website prior to market open.

An on-demand replay of the webcast will be available through Tuesday, Oct. 31, 2023 at www.lockheedmartin.com/investor, and a podcast will be available [here](#).

For additional information, visit the company's website: www.lockheedmartin.com.

Procore Announces Timing of Third Quarter Fiscal Year 2023 Earnings Call

11 October 2023

Procore Technologies, Inc., the leading global provider of construction management software, announced that it will report its third quarter fiscal year 2023 financial results after the U.S. financial markets close on Wednesday, November 1, 2023.

In conjunction with this announcement, Procore will host a conference call on Wednesday, November 1, 2023 at 2:00 p.m. Pacific Time to discuss Procore's financial results and financial guidance. To access this call, dial 833 470 1428 (domestic) or 404 975 4839 (international). The conference ID number is 038086. A live webcast of this conference call will be available on the Investor Relations page of Procore's website, <http://investors.procore.com>, and a replay will be archived on the website as well.

PROS Holdings, Inc. Announces Date of Third Quarter 2023 Financial Results Release, Conference Call, and Webcast

10 October 2023

PROS®, a leading provider of AI-powered SaaS pricing, CPQ, revenue management, and digital offer marketing solutions, will release its financial results for the third quarter 2023 ended September 30, 2023 after the U.S. financial markets close on Tuesday, October 31, 2023.

PROS Holdings, Inc. will host a conference call on Tuesday, October 31, 2023, at 4:45 p.m. ET to discuss the company's financial results and business outlook. To access this call, dial 1-877-407-9039 (toll-free) or 1-201-689-8470.

The live and archived webcasts of this call can be accessed under the "Investor Relations" section of the Company's website at www.pros.com. A telephone replay will be available until

Tuesday, November 7, 2023 at 11:59 PM ET at 1-844-512-2921 (toll-free) or 1-412-317-6671 using the pass code 13741806.

Simulations Plus Announces Fourth Quarter and Fiscal Year 2023 Earnings Release and Conference Call

11 October 2023

Simulations Plus, Inc. (“Simulations Plus”), announced that it will report fourth quarter and fiscal 2023 financial results after the market close on Wednesday, October 25, 2023.

Management will host a conference call that same day at 5:00 p.m. Eastern Time to discuss the results. Investment professionals and all current and prospective shareholders are invited to join the live webcast by registering [here](#). The conference call can also be accessed by dialing 1-877-451-6152 (domestic) or 1-201-389-0879 (international) or by clicking on this [Call me™](#) link to request a return call. The webcast can be accessed on the investor relations page of the Simulations Plus website at www.simulations-plus.com/investorscorporate-profile/corporate-profile/ where it will also be available for replay approximately one hour following the call.

TCS Posts Strong Earnings Growth and Large Order Book in Q2

11 October 2023

Tata Consultancy Services reported its consolidated financial results according to Ind AS and IFRS, for the quarter ending September 30, 2023.

Highlights of the Quarter Ended September 30, 2023

- Revenue at **\$7.210 billion**, +4.8% YoY
- Constant Currency revenue growth: +2.8% YoY
- Operating Margin at **24.3%**; an expansion of **0.3%** YoY
- Net Income at **\$1.37 billion**, +5.6% YoY | Net Margin at **19%**
- Net Cash from Operations at **\$1.427 billion** ie **104.2%** of Net Income
- Diverse and inclusive workplace: Women in the workforce: **35.8%** | **152** Nationalities
- Investing in the workforce: **26.4 million** learning hours | **2.6 million** competencies YTD
- LTM IT Services attrition rate at **14.9%**
- Dividend per share: **₹9.00** | Record date 19/10/2023 | Payment date 07/11/2023

K Krithivasan, Chief Executive Officer and Managing Director, said: *“Our clients continue to entrust us with critical new technology initiatives, and large programs to digitally transform their IT and business operating models. Strong deal momentum delivered us a very large order book in Q2 – our second highest TCV ever in a quarter, and good pipeline. The resilience of demand for our services, our clients’ willingness to commit to long tenure programs and their continued appetite for experimentation with Gen AI and other new technologies give us confidence in our longer-term growth prospects.”*

N Ganapathy Subramaniam, Chief Operating Officer and Executive Director, said: “We continue to make investments in our people and new technologies. We now have a 100,000-strong pool of Gen-AI Ready consultants and prompt-engineers who are engaged in hundreds of Gen-AI projects for our clients across segments.”

He further added: “During the quarter, BSNL awarded us the project to integrate and deploy a modern, indigenous pan-India 4G and 5G mobile network. This is a huge milestone for TCS, and we have commenced the supply, planning, design, installation and commissioning, and optimization of this mobile network, satisfying a detailed set of requirements conforming to 3GPP standards and the roll-out will be completed in about 18 months.”

Samir Seksaria, Chief Financial Officer, said: “Our focus on improving employee utilization, while driving productivity improvement and cost efficiency across the organization, has helped us expand our operating margin to 24.3%. We will continue to push the growth, efficiency, and innovation levers to further improve our profitability. In keeping with our shareholder friendly capital allocation policy, the Board has recommended a share buyback to the tune of \$2,047 Million at \$49.96 per share.”

Milind Lakkad, Chief HR Officer, said: “Our strategy of proactively hiring bright freshers and investing in training them with the right skills is paying off. With that talent coming on stream and with reduced attrition, we were able to recalibrate our gross additions, keeping it below the departures during the quarter, driving up productivity and enhancing project outcomes.”

Q2 Segment Highlights**

Industries: Growth was led by the Energy, Resources and Utilities[1] vertical which grew **14.8%**, Manufacturing which grew **5.8%** and Life Sciences and Healthcare which grew **5%**. The Consumer Business Group (CBG)[2] grew **1%**, BFSI grew **-0.5%**, Communications & Media grew **-2.1%** and Technology & Services grew **-2.2%**.

Markets: Among major markets, the United Kingdom led with **10.7%** growth; North America grew **0.1%** and Continental Europe grew **1.3%**. In emerging markets, Middle East & Africa grew **15.9%**, Latin America grew **13.1%**, Asia Pacific grew **4.1%** and India grew **3.9%**.

Services: Clients continue to prioritize business agility and cost optimization initiatives even while exploring innovative uses of Gen AI. Clients also focused on operating model transformation, vendor consolidation and Enterprise IT as a Service. Among service lines, AI.Cloud, TCS Interactive and IoT and Digital Engineering led growth. TCS has over 250 Gen AI opportunities in the pipeline, driven by a rich catalog of use cases across industries, early adoption partnerships with hyperscalers and a 100,000-strong GenAI-ready workforce.

- **AI.Cloud:** Launched in Q2, this unit brings together TCS’ three hyperscaler-dedicated cloud units and specialists in data sciences and AI/ML. Cloud Migration, composite data foundation, application modernization, workplace transformation and edge to cloud, coupled with AI adoption frameworks continued to drive growth in Q2. TCS’ investments in deepening competencies and building new capabilities continue to yield good results. TCS is a launch partner for hyperscalers in multiple new technology launches, including

Generative AI. TCS' catalog of GenAI use cases continues to expand across all industry segments.

- **TCS Interactive:** Digital interactive services continued to see strong growth driven by clients' investments in experience-led transformation initiatives, and marketing effectiveness. There was increased demand in areas such as product design, marketing operations and customer and marketing data-driven insights. Additionally, there was significant experimentation with GenAI-enabled customer experience.
- **IoT & Digital Engineering:** Growth in Q2 was driven by demand for TCS' solutions in industrial IoT & AI, factory of the future, carbon footprint management and software defined vehicles. In competitive assessments published during the quarter, TCS was ranked the #1 Engineering services Provider of the year 2023, and the foremost leader in the Digital Twin services PEAK Matrix® assessment 2023 by Everest Group.
- **Cyber Security:** Clients are focusing on uplifting Security Controls, Security Operations transformation, Automation enabled threat detection and Cloud Security. TCS' Identity and Access Management (IAM), attack surface management and cloud security offerings have gained traction across markets.
- **Enterprise Solutions:** With changing business models and M&A, clients continue to invest in their digital core by modernizing their ERP, leveraging TCS Crystallus™ to accelerate time to market, AI and Low Code BPM tools for automating business processes. Sustainability and adoption of customer centric business models are driving investments across enterprise applications and customer engagement platforms.
- **Cognitive Business Operations:** Growth in Q2 was led by business process services, TCS Cognix™ powered operating model transformation, vendor consolidation and integrated business and IT transformation. In Q2, TCS also partnered with several clients in transformative areas such as strategic market intelligence and supplier insights (Supply Chain), E2E HR Transformation, advanced Financial Planning and Analytics (F&A) and 'Enterprise IT as a Service'. We continue to scale investments in AI, 'Sustainability as a Service', and global partnerships.

** Year on Year Growth in Constant Currency terms

[1] Formerly reported under *Regional Markets and Others*

[2] Includes *Retail, CPG & TTH*

Key Highlights

- **BSNL** has selected TCS to roll out a modern 4G and 5G mobile communication infrastructure across India covering 100K telecom sites. The project involves supply, planning, design, installation and commissioning, and optimization of this mobile network, satisfying a detailed set of requirements conforming to 3GPP standards. The solution caters to needs such as trusted source of components and equipment, advanced RF planning, intelligence on the edge to support cognitive network operations, software-driven radios and reconfigurations et al. This is part of the

Government of India's efforts to build indigenous telecom technology and local manufacturing of the telecom gear. TCS and its partners have integrated the EPC Core, RAN and NMS and have started the roll-out of the network which is expected to be completed in stages over the next 18 months.

- **JLR**, a large UK based multinational automobile company has expanded its strategic partnership with TCS to accelerate digital transformation across its business. As a part of this deal, TCS will deliver a broad range of services spanning application development & maintenance, enterprise infrastructure management, cloud migration, cybersecurity, and data services. TCS will help JLR transform to a leaner and scalable operating model with a future-ready digital core, by leveraging new technologies to transform IT operations and adopting new ways of working.
- Selected by **Athora Netherlands**, a Dutch life insurance and pensions provider, to transform their closed book life business. TCS will build a future proof hybrid cloud, based on TCS Enterprise Cloud Platform. From contact center to policy administration, TCS will take end-to-end ownership through the life of the policy and provide complete business application and business process services support. TCS will provide enhanced operational efficiencies and improve customer experience through this transformation.
- Partnered with **GE Healthcare's** Global IT function for digital transformation of global IT function. TCS will manage the development, maintenance, rationalization, and standardization of its enterprise IT applications. Further, TCS will leverage advanced software engineering practices, combined with artificial intelligence and digital technologies to drive faster time to value realization, operational resilience, and productivity This transformation will enable GE HealthCare to build a strong foundation for business growth and advance innovation, bringing intelligent care solutions to over one billion patients across more than 160 countries.
- **ASDA** signed a multi-year partnership with TCS in a divestiture and digital transformation deal. The program will support ASDA's digital transformation and help implement a new organisation-wide IT operating model, following its divestiture from Walmart. The strategic partnership will leverage TCS' cloud, AI, and security solutions to help ASDA deliver the divestiture smoothly, on-time and securely. TCS will further enable ASDA to enhance its customer experience and innovation capabilities to help increase their market share and retain price leadership.
- A large global bank based in UK extended the strategic partnership with TCS and signed a 5-year engagement to transform their run services in application and infrastructure through engineering led operating model transformation by cross leveraging industry best practices, innovation and applying emerging AI principles.
- A US-based healthcare and insurance company has selected TCS as its technology partner for transforming to a modern and resilient clinical platform. TCS will provide cloud-based application development, data platform modernization and data analytics leveraging its strength in Microsoft Azure technologies. The next generation platform

will enable value-based care, increase affordability and outcomes, improve care coordination, and create integrated and connected experiences.

- Selected by a leading electricity distributor in APAC to deploy a secure, enterprise Generative AI Platform on Azure to respond to user queries on health and safety relating to electrical equipment.
- Partnered with a leading financial services group in APAC for enterprise adoption of Generative AI for improving efficiency in business functions. TCS will deploy a Generative AI playground on Azure in a secure manner to enable employees to discover powerful industry use-cases.
- Selected as a strategic partner by the **Government of India** to transform the Government e-Marketplace (GeM) platform. The opportunity involves management and transformation of GeM into a world-class platform. The project will enable growth and scale, improve inclusivity for MSME enterprises, enhance data analytics for improved supply-chain operations and provide enriched user experience through innovation and domain expertise of TCS. With the new platform, the government is envisioning to grow annual GMV manifold from the FY23 value of Rs 2 trillion.
- A global semiconductor manufacturer partnered with TCS to open an innovation center to build semiconductor designs and software solutions for the IoT, digital engineering covering infrastructure, industrial, and automotive segments.
- Selected by a leading US sporting goods retailer as a strategic partner to leverage its industry expertise, products and accelerators to help drive customer's strategic initiatives, enhance cloud adoption and automation, transform its operating model to improve customer experience and optimize IT spend.
- Chosen by a global medical device solutions company as their strategic and trusted partner for complete end-to-end IT services over a multi-year agreement. The partnership covers leveraging TCS Cloud Exponence to help reduce cloud management overheads; deliver an enhanced employee experience through plug-and-play digital solutions and help build a talent destination culture across IT and R&D functions while emphasizing on a business value creation approach to delivery
- Selected by the **Georgia Department of Labor** to replace its 1980s-era legacy platform with a proven, agile, secure, and scalable cloud-based unemployment insurance system that streamlines and speeds up the claims process, improves citizen experience and helps prevent fraud.
- Selected by the **British Council**, the UK's international organisation for educational opportunities and cultural relations, to transform its professional services function that includes Finance, Procurement, Human Resources and Digital & Technology. TCS will leverage its contextual knowledge, deep domain expertise and proprietary platforms to help develop more innovative and user-friendly services. The partnership will also enable the British Council to focus on improving the quality and efficiency of services, ultimately leading to an enhanced customer experience.

- TCS has been selected as a strategic partner by **Culina**, one of UK's leading integrated supply chain management service-provider. As part of the deal, TCS will establish a centralised, simplified and next-gen IT platform to drive strategic business initiatives, enhance the end-user experience, establish a cloud-first operating model, and build resilient cybersecurity operations. TCS will leverage the TCS Cognix™ framework and TCS MFDM™ offerings to accelerate the customer's growth plans.

Customer Speaks

"Building world class partnerships and maximising the benefits of being part of the Tata Group is a key part of our Reimagine strategy. Consistent with this, we are pleased to expand our long-term relationship with TCS to accelerate our digital transformation. Their breadth of capabilities and deep understanding of our business will further enhance our ability to transform and simplify our Digital estate at pace, ensuring we can deliver a modern luxury experience for our clients."

Nigel Blenkinsop

Executive Director, Enterprise Performance & Quality, JLR

"We have a long-term vision to grow Asda and bring our great heritage in value to even more communities – and our technology will form a key part of delivering this vision. We have partnered with TCS because they bring experience in retail technology transformation and innovation. We look forward to working with them to accelerate our digital transformation journey and to unlock the potential of our business."

Mohsin Issa

Chief Executive Officer, Asda

"In its next avatar, GeM is envisioned to be an all-inclusive platform for government procurement, offering improved ease of doing business and transparency. With TCS as our SI partner, we are assured of architecting the new GeM with unmatched experience, rigor, and passion to develop a world class solution with resilient design, enriched user experience and innovative services. We also look forward to TCS' expertise of managing mission mode programs. We have a strong aspiration to scale up GeM to transcend geographies."

P K Singh,

CEO, GeM

"For over two decades, TCS has been a strategic partner in our digital transformation journey, driving our vision to pioneer innovative imaging and IoT solutions and sustain growth momentum. Our partnership with TCS will help us build an integrated operations model embracing technologies such as cloud and automation powered by TCS Cognix™ and MFDM™, enhancing our business agility, user and customer experience, and productivity."

Vishal Gupta,

Chief Information and Technology Officer, Lexmark

“TCS is an important strategic partner and it’s the strength of that relationship that helped us think outside the box when it came to finding the optimum Open Banking solution for our business. We were able to pivot what started out as a narrow compliance challenge into a broader enterprise opportunity that is helping deliver a modern data platform and improved data quality across our whole organization.”

Carol-Ann Gough

Chief Information Officer, Great Southern Bank

Research and Innovation

As on **September 30, 2023**, the company has applied for **7,665** patents, including **218** applied during the quarter, and has been granted **3,153** patents including **149** granted in Q2.

Human Resources

With gross additions held below departures, TCS’ workforce stood at **608,985** as on September 30th, reflecting the company’s focus on improving workforce utilization and productivity. The employee base continues to be very diverse, with **35.8%** women and with **152** nationalities.

Year till date, TCSers have clocked **26.4 million** learning hours, and acquired **2.6 million** competencies including **350,000** high demand competences. IT services’ attrition was at **14.9%** for the last twelve months.

Implementation Investments

361° Expands Centric Software Partnership with Footwear PLM Project

10 October 2023

Centric Software®, the Product Lifecycle Management (PLM) market leader, is pleased to announce that sports brand 361° has expanded the scope of their Centric PLM™ implementation. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, price and sell products such as apparel, fashion, home, footwear, sporting goods, consumer electronics, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

361°, founded in 2003, is an end-to-end sporting goods company that integrates branding, R&D, design, production, marketing and distribution of sports shoes and apparel, accessories, childrenswear and high-end outdoor products. The tagline of 361° is “one degree beyond”. The group has subsidiaries in the US and Europe, and distribution across the Middle East, Southeast Asia, Central Asia, South Africa, South America and more, with over 750 points of sale in 50 countries and regions.

361° selected Centric PLM in 2016 to streamline design, production and retail in their transformation from a wholesale to a retail model, and upgrade their digital capabilities to improve competitiveness and consumer responsiveness. Having implemented Centric PLM for apparel and childrenswear, 361° turned their attention to the footwear side of the business.

The footwear division lacked digital solutions that were up to the standards of the 361° group, and urgently needed to change their innovation model. 361° decided to implement Centric PLM as an end-to-end solution for footwear, including supply chain.

Mr. Dong, General Manager of 361° Information Center, says, “The footwear full-scenario PLM project is long-awaited, and this is the first time we have extended PLM to the supply chain. This project is the first of its kind in partnership with Centric and we hope to make it a benchmark project that will be rolled out to the entire 361° team in the future.”

Centric Software’s rich experience in the fashion footwear and apparel industry gives 361° confidence that Centric PLM can meet their digital transformation requirements and truly empower 361°’s footwear digital upgrade strategy.

“We are very pleased that 361° is expanding their implementation of Centric PLM to footwear,” says Fabrice Canonge, President of Centric Software. “We are working closely with 361° to understand their vision for footwear and deploy industry best practices to ensure that this project becomes a benchmark PLM and supply chain project for the footwear industry in China.”

Atos selected by Ambu as a partner to drive key IT services

11 October 2023

Atos announces that it has been selected by Ambu, the market leader in single-use endoscopy, to support the company’s IT transformation initiatives and play a key role in delivering end-to-end seamless IT infrastructure services and leverage technology.

Atos will deliver Ambu’s end-to-end seamless IT infrastructure services, seeking to enhance stakeholder satisfaction with Ambu’s IT infrastructure and deliver sustainable business value. Ambu’s IT transformation is a critical part of its corporate strategy, which focuses on customer-centric innovation and execution excellence across the value chain.

Agnetha Mattisson, CIO of Ambu, said: *“With Ambu’s corporate strategy, we have launched an exciting digital transformation globally, and we have chosen Atos as our trusted IT Infrastructure partner to support us on this journey, due to its strong capabilities and leadership within technology and services. We look forward to a close and successful partnership – and to leveraging Atos’s cutting-edge products and technology to achieve our ambitious IT objectives.”*

Harri Saikkonen, CEO Nordics, Atos, said: *“We are extremely proud to have been chosen as a partner to help Ambu advance its digital journey, working as their extended team to modernize and secure their IT infrastructure and contributing to the development of their global footprint and growth. As the market leader within single-use endoscopy, Ambu is a prominent player in the medical device industry, and we are very excited to be able to support them with our end-to-end infrastructure services in the years to come.”*

Since 1937, Ambu has been rethinking solutions, together with healthcare professionals, to save lives and improve patient care. Millions of patients and healthcare professionals worldwide depend on the efficiency, safety and performance of the company's single-use endoscopy, anesthesia, and patient monitoring solutions. Ambu is recognized for its innovative single-use endoscope solutions. In 2021, Frost & Sullivan named Ambu the most innovative endoscope company, and in 2022, Ambu joined Fast Company's List of the world's top 10 most innovative medical device companies.

B2B IT-Partner chooses HPE GreenLake to transform its AI customer engagement model

10 October 2023

Hewlett Packard Enterprise announced that B2B IT Partner, a Swedish technology consultancy and IT solutions provider, has selected the HPE GreenLake edge-to-cloud platform and HPE Ezmeral Runtime Enterprise to support their customers next-generation artificial intelligence (AI) ambitions.

Founded in 2004 and headquartered in Stockholm, Sweden, B2B IT-Partner is a leading IT solutions provider for small and medium-sized businesses across Europe. It operates 7 business units: infrastructure, cloud, product supply, logistics, license, care-free IT, and network. B2B IT-Partner had been searching for the right technologies to help support growing AI and data-driven applications demands.

By adopting the HPE GreenLake edge-to-cloud platform and the HPE Ezmeral software portfolio, B2B IT-Partner is transforming its internal infrastructure and streamlining its service offerings, leveraging cloud-native capabilities on-premises, and accelerating data-driven innovation across various use cases such as AI/ML, analytics, application modernization, and IoT.

HPE Ezmeral Runtime Enterprise is a scalable, secure, and flexible container orchestration platform that enables users to deploy and manage cloud-native or non-cloud native applications across multiple Kubernetes clusters and platforms. By leveraging this technology, B2B IT-Partner can support demands from their customers for data-driven innovation such as AI development and deployment, simplify their as-a-service Kubernetes management, optimize their resource utilization (on-premises, public cloud or at the edge), and enhance their security and compliance with enterprise-grade security. HPE Ezmeral can help B2B IT-Partner gain a competitive edge in the market and deliver superior value to their customers by offering a platform that enables them to build, modernize, deploy, monitor, and manage applications across diverse environments with ease and efficiency.

A notable end-user of B2B IT-Partners AI platform is Inovia AI, a Swedish company specializing in Nordic language conversational AI and chatbots. The combination of HPE GreenLake and HPE Ezmeral's Kubernetes Runtime and ML environments enabled B2B IT Partner to architect the perfect solution on which to enhance Inovia's conversational AI product, including persistent storage for customer voice data to train its ML model while remaining GDPR-compliant.

“We are proud to partner with B2B IT Partner to offer our customers a state-of-the-art conversational AI solution, leveraging HPE GreenLake and HPE Ezmeral. With our Nordic language expertise and B2B IT Partner’s scalable and secure platform, we can deliver a customized and compliant AI application that meets the specific needs and preferences of our customers.” said Marcus Ekendahl, CEO & Founder Inovia AI. “Our solution leverages the latest innovations in containerization and orchestration technologies to ensure high performance, reliability, and efficiency. We believe that this collaboration will enable us to provide a superior customer experience and a competitive edge in the Nordic market.”

Alongside HPE Ezmeral, the adoption of HPE GreenLake promises to transform how the Swedish company engages with their customers. The scalability and flexibility of HPE GreenLake allows end-users to base their consumption on their needs, their resources, and their economic capacities. HPE GreenLake establishes a flexible hybrid-cloud solution that combines scalable on-prem managed infrastructure with advanced cloud functionality, eliminating the burden of over-provisioning and underutilization for their end users.

“The HPE GreenLake platform offers an excellent value proposition to customers who want the benefits of the cloud but are wary of its limitations,” said Bo Holmquist, Solution Architect, B2B IT Partner. “Aside from the cost benefits, the HPE GreenLake platform is fully compliant with GDPR because customer data remains on-prem. Our customers no longer have to worry about regulatory compliance, hardware maintenance, capacity planning or unexpected downtime.”

“The combination of HPE GreenLake and HPE Ezmeral creates the perfect infrastructure solution for B2B IT Partner,” said Peter Werdenhoff, Channel Manager HPE Sweden. “The HPE GreenLake platform provides a consumption based model and offers the same functionality as the cloud for almost half the price - without locking customers into a five-year purchase.”

Concreteworks Targets Double Growth with Centric PLM

11 October 2023

Centric Software®, the Product Lifecycle Management (PLM) market leader, is pleased to announce that Concreteworks has selected Centric PLM™ to drive efficiency and growth. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, price and sell products such as apparel, footwear, sporting goods, furniture, home décor, consumer electronics, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

Concreteworks Co., Ltd was founded in 2020 and one of their main brands, Code:graphy was officially launched in the same year as one of the featured brands in Musinsa, South Korea’s largest e-commerce fashion platform. It quickly gained traction and a massive following among the millennial and Gen-Z audience until it became the leading fashion brand that it is today within the e-commerce market known for its edgy street casual wear and top-ranked short-padded jackets.

For 2023, the company expects to reach \$53 million in revenue and expand its presence to offline channels while setting a revenue goal of \$100 million next year. Chae Myung-seok, CEO of Concreteworks shares, “As the company grew, I realized that we were mainly thinking about

how to hire, but that wasn't the main issue. We needed to change the way we work, and we thought that if we can organize our work processes through digital tools that fit today's ways, we can become more competitive."

Concreteworks chose Centric as their digital transformation partner after extensive research and assessment. Seeing is believing as Chae immediately understood, after a demo, that Centric understands the needs of a fashion company and that the processes to solve them are all captured in PLM.

To this day, the brand continues to grow on the strength of its product and so has the company's need for omnichannel management to improve overall efficiency as they expand from online to offline. "We knew we needed a system that will produce consistent outcomes regardless of individual factors, enabling everyone to achieve their goals efficiently. Overall, we look forward to managing and digitalizing product data and processes through Centric PLM," Chae concludes.

President of Centric Software, Fabrice Canonge says, "It is remarkable to see forward thinking fashion companies such as Concreteworks embrace digital transformation. We are more than delighted to partner with them in their expansion goals and empower them to realize their vision of becoming the number one fashion company to work for in South Korea."

DXC Technology to Transform Cloud Strategy for Spanish Regional Government of Galicia

11 October 2023

DXC Technology, a leading Fortune 500 global technology services company, has been awarded a contract by the Agency for the Technological Modernization of Galicia to transform its cloud platforms and solutions.

Xunta de Galicia is the public administration body for the autonomous Galicia region of Spain. DXC will coordinate, manage, and develop the organization's cloud infrastructures and solutions across private, public and cloud environments.

The agreement will benefit decision-making processes for the government agency, with DXC providing advice on methodologies, best practices, cost optimization, regulatory compliance, governance, and the implementation of new cloud services.

Aiming to become a service provider for public entities in the region, Xunta de Galicia will offer flexible and secure cloud infrastructure to regional public entities via a cloud consumption model.

The two organizations will work together to determine the most efficient and successful strategy for cloud infrastructure in the region including the potential for a 'Cloud Dashboard' for monitoring projects and platforms to provide a holistic overview of the region's cloud technology performance.

"Almost three million Galician citizens rely on the public services we deliver. Cloud technologies provide us with a flexible platform to optimize processes while ensuring the stability and

security we need to protect our operations around the clock. Now, we have the proven experience of DXC as a partner to pave our way the cloud” said Miguel Montero, Head of Cloud Infrastructure at Xunta de Galicia.

"Our contract will define and deploy the cloud strategy for Xunta de Galicia. We will become a reference for Spanish public administrations by modernizing and improving the services to various Galician organizations and institutions, benefitting citizens across the region”, said Elías Castro, Territorial Director of DXC Technology Iberia in Galicia. “With our expertise in cloud architectures, we will assist in the adoption of new solutions and services that will drive innovation and improve the operational efficiency of Xunta de Galicia.”

Food service giant Aramtec improves customer services with HPE Aruba Networking infrastructure

9 October 2023

Hewlett Packard Enterprise announced that Aramtec, one of the longest-established food service companies in the UAE, is modernizing their business with a unified network and security infrastructure provided by HPE Aruba Networking. The new solution includes the HPE Aruba Networking Edge Service Platform (ESP), a next-generation, cloud-native architecture, as well as wired and wireless connectivity throughout the warehouses and offices through HPE Aruba Networking access points (APs) and switches.

Being one of the largest foodservice suppliers in the region, importing and distributing premium food, Aramtec is a family-owned company founded in 1979 with locations in Dubai, Abu Dhabi, and Doha (Qatar). As a new generation took on the organization’s management, the company committed to a comprehensive transformation journey with an upgraded networking solution to provide customers with improved services and support. Aramtec’s goal was to improve business operations, increase productivity and efficiency, provide easy access to critical systems, and improve communications with customers and team members. After reviewing various options, Aramtec chose HPE Aruba Networking’s efficient access and switching solutions and a next-generation management platform.

“We supply over 4000, including premium hotels, restaurants, institutions, airlines and foodservice outlets each day, and they rely on us as they meet the standards and changing needs of their own customers,” said Edgard Chalhoub, MD of Aramtec. “To ensure the continued high level of our services we provide for our customers, we needed to accelerate our digital transformation. With our upgraded HPE Aruba Networking infrastructure, we now have a high-performance solution that provides us with the connectivity, management, automation, and security capabilities that will enable us to develop new services and further innovate.”

Before selecting HPE Aruba Networking, Aramtec was challenged by inadequate connectivity in the office and an insufficient wireless network in the warehouse, the heart of the food service business. The long-range barcode scanners used to check the movement of products throughout the warehouse are tied into the company’s inventory system, providing an overview of more than 3500 stock keeping units (SKUs). However, in the challenging

environment of the cold food storage, there was limited Wi-Fi availability, resulting in a complicated inventory process.

“As we reviewed the status quo of the networking infrastructure of Aramtec’s facilities, it became clear that they required an infrastructure refresh,” said Zeeshan Hadi, Country Manager UAE & Africa, HPE Aruba Networking. “Based on their unique requirements, we designed a dedicated network solution for their warehouse, using access points with resistance to extreme temperatures, persistent moisture, and industrial level power surges. These APs are ideal for the cold storage setting and will enable Aramtec to gain real-time insight into the warehouse inventory.”

The rugged warehouse APs, as well as the APS & switches for the offices, and the core switches for the data center are all managed centrally through the cloud-native HPE Aruba Networking ESP solution. The new system provides a unified, cloud-native network architecture that allows Aramtec’s IT team to quickly automate their network management, ensure edge-to-cloud security, and leverage AI-powered insights to increase efficiency, predict changing networking needs and create new services. This, combined with the ease of deployment and management of the switches, will allow Aramtec to scale their networking as their business grows.

Infineon Technologies Selects LTIMindtree as a Strategic Partner for SAP Transformation

10 October 2023

LTIMindtree, a global technology consulting and digital solutions company, has announced that it has been selected as a strategic partner for SAP services by Infineon Technologies AG, a global semiconductor leader in power systems and IoT. As a part of this engagement, LTIMindtree will play a pivotal role in supporting Infineon’s SAP transformation endeavours, while enabling operational excellence and process efficiencies.

In a longstanding collaboration, LTIMindtree has been deeply involved in driving Infineon’s SAP Transformation initiative, which is an essential part of Infineon’s digital transformation journey. Through this partnership, LTIMindtree supports Infineon to modernise its SAP application landscape, enrich the user experience, streamline business processes, and deliver contemporary digital operations across both SAP S/4HANA and SAP Cloud Solutions. This will be achieved by leveraging advanced automation tools and accelerators from LTIMindtree’s portfolio of offerings.

Harsha Deshmukh, Chief Information Officer, Infineon Technologies, said, “LTIMindtree is a trusted partner who brings the requisite approach and proven track record to enhance our digitalization program in the SAP application area. By leveraging LTIMindtree’s extensive capabilities, we are poised to modernize our operations, excel within the dynamic digital landscape and unlock unprecedented process efficiencies.”

Sudhir Chaturvedi, President and Executive Board Member, LTIMindtree, said, “We are excited to partner with Infineon in their digital transformation journey and this partnership is a true testament to our expertise in the semiconductor industry. With our innovation driven approach

and rich portfolio of automation-led offerings, we are focused on supporting Infineon's ambitions and aligning seamlessly with their mission of pioneering solutions that drive decarbonization and digitalization, ultimately shaping a greener and more promising tomorrow."

LTIMindtree will capitalize on its comprehensive expertise in SAP S/4HANA and extensive industry insights to enable Infineon with agility in adapting to the ever-evolving digital landscape. The core objective is to empower Infineon to maximize the potential of SAP S/4HANA and thereby drive substantial business impact.

PEMAMEK RELIES ON OPENPDM INTEGRATIONS BY PROSTEP

11 October 2023

The global provider of welding and production automation solutions Pemamek Ltd. has entered into a strategic cooperation with the PROSTEP Group. The Finnish company now offers integrations between several CAD/PDM systems and PEMA welding automation solutions to its customers in the shipbuilding and offshore industries. The integrations are implemented using components from PROSTEP's OpenPDM SHIP product family. They enable the loss-free transfer of design and metadata to the PEMA Core software for NC programming, thereby eliminating the need for manual redesigns.

Founded in 1970 and headquartered in Loimaa, Finland, Pemamek Ltd. is a family-owned company that develops and manufactures welding and production automation solutions for the heavy industries. In its more than 50-year history, the company has delivered more than 15,000 welding automation solutions to customers in more than 50 countries. The export rate is over 90 per cent.

PEMA solutions are used not only in shipbuilding and the offshore industry but also in metal machining, wind tower and foundation manufacturing, power generation, the process industry and heavy engineering.

Pemamek's customers are placing increasing value on the ability to reuse their CAD and PDM data directly for NC programming of PEMA solutions.

To avoid developing interfaces to umpteen different CAD and PDM systems themselves, the company decided to offer its customers PROSTEP's OpenPDM SHIP integration platform together with a newly developed connector to the PEMA Core software.

The standard scope of the platform offers a large number of field-proven connectors, not only to common mechanical CAD systems such as Siemens NX, PTC Creo or 3DEXPRESSION from Dassault Systèmes, but also to shipbuilding-specific applications such as AVEVA Marine, NAPA, CADMATIC and ShipConstructor. Products designed with these systems can now be transferred to the PEMA software with little effort.

The cooperation with Pemamek puts the two companies' many years of collaboration on a new footing and is designed to last, as Matthias Grau (Key Account Manager Shipbuilding Industry at PROSTEP) emphasizes: "We regard Pemamek as a strategic partner and want to further develop our software and services together to offer our customers the greatest possible benefit." PROSTEP will provide its new partner with documentation, after-sales and

maintenance services for the products and, if required, also support them in implementing the software in the respective customer environment.

"The cooperation with PROSTEP is a prerequisite for being able to seamlessly integrate our welding and production automation solutions into our customers' IT infrastructure, thereby improving their digital continuity," says Jani Hollo, Director of Projects at Pemamek. "We are pleased to have found a trusted partner in PROSTEP, who not only has a very powerful integration platform but also the necessary industry knowledge in our customer environment."

University of Tennessee System Selects Oracle Student

10 October 2023

The University of Tennessee (UT) System, Tennessee's oldest and largest public higher education institution, is extending its use of Oracle Cloud by implementing Oracle Fusion Cloud Student (Oracle Student). With the offering, the UT System aims to streamline processes to make it easier for students to get the classes, financial aid, and support they need to succeed from enrollment through to graduation and beyond.

"A new, system-wide student information system will be a key component in the delivery of a more consistent and intuitive student experience focused on service excellence, increased engagement, and enhanced student success outcomes," said Randy Boyd, president of the University of Tennessee System. "As part of the Early Adopter Program we have been able to work with Oracle to actively help shape the direction of Oracle Student. We are confident that this investment will position the UT System at the forefront of student system technologies."

The UT System will replace its current Banner and CAMS systems with Oracle Student. Known internally as "DASH" (Dynamic Administrative Systems for Higher Education) Student, Oracle Student will work seamlessly with The UT System's Oracle Fusion Cloud Applications for finance, HR, and supply chain to provide system-wide intelligence from the back office through to staffing and student success on a single, cloud-based platform.

Enhancing student success in the cloud

The UT System has five public higher education campuses and two statewide institutes enrolling nearly 59,000 students each academic year. To better serve its constituents, the system needed a solution to not only securely collect and manage student data, but also put that information to work to drive better experiences.

With Oracle Student, students can manage their entire academic experience, take charge of their education, and achieve their goals more efficiently with tools for curriculum registry, term and non-term financial aid packaging, multi-year scenario course planning, and real-time insights. With the solution, the UT System administrators expect to have a simplified, holistic view across all the system's data sources, enabling faster, more accurate decision making that will help propel student success.

"Oracle has a long history supporting the world's most complex institutions and systems," said Vicki Tambellini, founder of The Tambellini Group, "Higher education will undoubtedly be

watching the progress of the UT System closely as it deploys Oracle Student across each of its institutions.”

“From the beginning, we have architected Oracle Student to support the unique needs of systems in the most agile and dynamic ways,” said Vivian Wong, group vice president, Higher Education Development, Oracle. “We are excited to have a passionate partner in UT as we work together to deliver a product that will help shape the future of higher education.”

In addition to Oracle Student, the UT system is implementing Oracle Fusion Cloud Enterprise Resource Planning (ERP), Oracle Fusion Cloud Human Capital Management (HCM) and Oracle Fusion Cloud Supply Chain Management (SCM) to help gain real-time visibility into business processes, increase efficiency, improve reporting, and provide a better experience for employees.

Built on the security, scalability, and performance of Oracle Cloud Infrastructure (OCI) and shaped by 30 years of higher education expertise, Oracle Student is designed to support the needs of the next generation of students.

Product News

Allplan 2024: Introducing a new Era of Productive, Collaborative and Advanced Workflows

12 October 2023

Revolutionizing the landscape of design, prefabrication and construction, ALLPLAN, provider of BIM solutions for the AEC industry, announces its latest version of BIM software that accelerates the design to build process for buildings and transportation infrastructure projects. Allplan 2024 supercharges productivity, boosts collaboration, and facilitates superior design quality, offering a set of powerful and automated design tools, integrated cloud-based processes, and cutting-edge BIM workflows. The new version aims to provide users with more freedom to spend time on what matters most: designing great architecture, engineering effective solutions, and constructing a superior built environment.

“We are thrilled to introduce the latest iteration of Allplan, a significant leap forward that underscores our commitment to providing industry-leading design-to-build solutions to our users. With this new version, we've engineered a set of innovative features that not only accelerate the design and construction process but also elevate the overall user experience. We are confident that Allplan 2024 will not only substantially increase productivity and enhance collaboration but also inspire a new level of creativity and excellence in buildings and transportation infrastructure projects”, says Eduardo Lazarotto, SVP Product & Strategy at ALLPLAN.

Klaus Teizer, Managing Director Vollack Group, adds: *“Collaborative project planning is absolutely in line with the Vollack method and is sustainable. Because intelligent, competent planning creates quality, optimizes construction costs, and saves resources. For us, Allplan 2024*

is an indispensable tool that supports this process - from the first draft to realization on the construction site."

Highlights for building design

In today's AEC projects, the fusion of data from Geographic Information Systems (GIS) is paramount, involving existing terrain and surrounding buildings. Architects, engineers, and construction experts must seamlessly integrate designs into their environments. Allplan 2024 introduces a cloud-powered GIS connector, powered by 3DCityLoader services, facilitating effortless extraction of essential data from various open GIS platforms. This tool empowers users to import terrain data, building contours, and street layouts directly into Allplan, enhancing contextual design precision.

Architects demand swift and intuitive tools for building envelope design and experimentation. Allplan's enhanced façade module streamlines the process, utilizing predefined window/door parametric components for quicker façade creation and adjustments. This advancement accelerates incorporation of opening elements into façade design while offering optimized performance and expanded functionality, enabling architects to conceive and adapt façades with enhanced speed, flexibility, and ease.

The new Content Connector in Allplan 2024 revolutionizes the process of importing external 3D assets and materials, saving time for architects and consultants. Allplan's web-based workflow integrates with external providers like *mtextur* and *3D Warehouse*, accelerating content import and customization. This enhancement streamlines tasks related to content, boosting productivity for architects and multi-disciplinary consultants.

The new Twinmotion Direct Link simplifies the exchange between Allplan and Twinmotion, allowing real-time synchronization with a click. Architects benefit from Twinmotion's realistic environment display, high-quality assets, and tools for storytelling and VR experiences. This feature empowers dynamic decision-making throughout the design process, enabling architects to visualize their projects efficiently and effectively.

For the first time, Allplan 2024 integrates the robust SDS2 steel connection engine, streamlining the modeling of standardized steel connections. Integrated checks ensure that connections are fabricable and erectable during the design phase. This approach ensures compatibility with connection modeling and design solutions, enabling architects, engineers, consultants, and contractors to provide precise project tenders.

Allplan 2024 enhances fixture administration, crucial for precast designers dealing with a multitude of precast elements requiring specific fixtures. The software streamlines fixture management, simplifying planning, invoicing, and production tasks. Addressing the scarcity of skilled workers in precast production, Allplan 2024 extends automation to mesh welding systems, considering concrete cover in joint profiles for accurate, accelerated, and error-free reinforcement workflows.

In an industry where error-free designs are non-negotiable, clash detection is indispensable. Allplan 2024 introduces seamless, end-to-end clash detection within a single software environment. By categorizing and color-coding collision types – Hard Clash, Soft Clash,

Workflow Clash, and No Clash – the software provides an easy-to-use overview for quick, clear, and efficient collision checking and identification.

Allplan 2024 also introduces a Technical Preview of the BIMcollab Plugin, streamlining issue management in BIM projects. Users can now seamlessly connect to their BIMcollab project from Allplan, creating and editing issues directly within the software without the need for BCF import/export. This integration enhances workflow efficiency, saving time and ensuring consistency in the BIM process.

Highlights for transportation infrastructure

In response to the construction industry's evolving demands, Allplan 2024 offers enhanced capabilities for BIM road models. The new version enables segmentation of road models into logical sections, facilitating attribute assignment to roadway elements and preparing the model for export in the OPEN BIM IFC 4.3 format. This ensures uniform model data structure and comprehensive interdisciplinary collaboration, streamlining information exchange with design partners. Furthermore, ALLPLAN's commitment to improved BIM workflows extends to infrastructure projects. The software now supports the import of IFC 4.3 files for bridges, roads, and rails from third-party software.

The latest version of Allplan introduces a new solution for the parametric modeling of road intersections, enhancing the creation of T and X intersections. This feature enables effortless adjustment of intersection point positions and turning geometries due to its parametric approach. The derived cross-section and site plan of the intersection area are seamlessly integrated, streamlining the process and offering significant time savings, improved user-friendliness, and minimized error sources during geometry changes.

Highlights for construction planning

Allplan 2024 empowers civil engineers to design the excavation and shoring elements in detail upfront to determine their feasibility. Detailed 3D models, inclusive of GPS-controlled excavator data, cater to contractors' needs, while execution plan creators can meticulously model earthwork elements. Flexibility to modify the model even in later construction phases enhances project adaptability, complemented by improvements in bored pile walls, soldier pile walls, and ground anchors.

Furthermore, the new version introduces a formwork planning tool add on BIM²form, that streamlines the assignment of formwork or cast-in-place wall components. Currently compatible with the Meva Mammut 350 formwork system from MEVA, the tool eliminates the need for outsourcing formwork planning to external providers, saving costs and enhancing project control. This feature empowers users to efficiently plan with formwork systems from various manufacturers, presenting a cost-effective solution compared to outsourcing expenses.

Allplan Cloud now included in Allplan 2024 subscriptions

Allplan Cloud, now a core component of all subscriptions starting from October 11, 2023, revolutionizes design-to-build workflows by seamlessly integrating Allplan desktop and cloud applications. This comprehensive solution offers an array of functionality, encompassing cloud-

based collaboration, project and office teamwork, efficient drawing and plan distribution, as well as the utilization of project resources in the cloud. Furthermore, it incorporates supplementary tools like AutoConverter for streamlined integration with structural analysis solutions. As an added bonus, Allplan subscriptions purchased prior to December 31, 2023, will also give users a complimentary 12-month subscription to Solibri Inside, facilitating integrated model checking.

Availability

Allplan 2024 as well as the free 14-day trial version are now available for download.

Centric Software and FoodChain ID Partner to Enhance Regulatory and Safety Capabilities for Food and Cosmetics

11 October 2023

Centric Software®, the Product Lifecycle Management (PLM) market leader and FoodChain ID, the leading food safety and regulatory service provider are pleased to announce their partnership to bring enhanced regulatory compliance capabilities to product development. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, price and sell food & beverage, cosmetics and consumer products to achieve strategic and operational digital transformation goals.

FoodChain ID is trusted by over 30,000 companies across the global supply chain, with technology-enabled solutions and expertise to keep the food and cosmetics supply chain safe and transparent.

The highly controlled industries of Food and Cosmetics require access to trustworthy regulatory information so that the risk of formulation missteps is reduced, especially at the development stage. This saves much time and effort down the line, and notably lessens the chance of dreaded recalls.

Not all PLM platforms have strong formulation capabilities and those that do often rely on manual look-ups or databases pieced together by in-house regulatory compliance teams. The pairing of FoodChain ID's world-class regulatory libraries and databases driven by the agility of Centric PLM's formulation, packaging, quality, nutrition, labeling and artwork capabilities gives the food and cosmetics industries the best of both worlds, resulting in a complete formulation and regulatory compliance solution.

Clinton Chadwick, Vice President, Strategic Partnerships at FoodChain ID, explains how the association drives accuracy and speed into product development. "What makes this partnership with Centric Software so exciting is the ability to accelerate product innovation with Centric PLM™ by reducing time-consuming iterations between product development and regulatory compliance teams." Chadwick adds, "With FoodChain ID's data sources pulling from over 220 countries, the data quality of our compliance engine is second-to-none."

Ron Watson, Executive Vice President of Product at Centric Software discusses how much more efficient it is to formulate with FoodChain ID. "Product developers working in Centric PLM can see the immediate impact of ingredient changes against current global regulatory compliance

regulations as they are formulating.” For example, when looking at market expansion, the food or cosmetics scientist can evaluate a formula or ingredient against a regulatory threshold level in the target country and then adjust the formula at the development stage if necessary, where ingredient changes will have little negative impact.

Chris Groves, CEO of Centric Software says, “We are overjoyed about our alliance with FoodChain ID. It marries Centric’s technological expertise in food & beverage, cosmetics, beauty and other formulated goods with FoodChain ID’s extensive global databases and stellar reputation in food safety and regulatory compliance. This gives the users of both solutions confidence in formulation and the means to work seamlessly in one platform, driving even more efficiency into product development.”

CoreLogic Unveils Integrated Digital Mortgage Platform, Transforming the Borrower’s Journey

11 October 2023

CoreLogic®, a leader in property information, analytics and data-enabled solutions, has announced the launch of Digital Mortgage Platform (DMP), integrating Roostify with CoreLogic’s extensive property data and workflow capabilities. This integration represents a game-changing milestone in the mortgage industry, streamlining the process and improving efficiency for lenders.

Combining Roostify’s renowned digital mortgage solution with CoreLogic’s advanced data and workflow solutions, the Digital Mortgage Platform offers a comprehensive digital mortgage experience. CoreLogic’s acquisition of Roostify earlier this year paved the way for this transformative integration, highlighting its commitment to changing the mortgage industry.

The integration of CoreLogic’s AutomatiQ Borrower Income Analysis, SmartFees and gold-standard property data into the DMP interface has brought about a significant transformation in the loan origination process. Loan officers can now effortlessly obtain crucial information about borrowers and properties at the outset of the process. This seamless amalgamation has revolutionized the process, and borrowers are now provided with an improved and more streamlined mortgage journey.

Bob Jennings, executive of Collateral and Risk Solution at CoreLogic, said, “By harnessing our industry-leading data and workflow solutions, we have taken the first step toward creating an all-in-one platform that transforms the mortgage process, benefiting both borrowers and loan officers. These integrations are just the beginning, as we continue developing and introducing new features to provide lenders with a completely new and integrated mortgage experience.”

EON Reality Announces EON AIReady: A Groundbreaking Multimodal Experiential Curriculum Tool

9 October 2023

EON Reality, a global leader in augmented and virtual reality-based knowledge transfer, unveiled their latest innovation, EON AIReady, designed to shape the future of curriculum development for the AI-driven job market.

EON AIReady challenges the outdated educational norm of relying solely on text, PowerPoint slides, and YouTube videos. It identifies the imperative need to upgrade curriculum delivery to align with the swift progress of the digital age.

Benefits of EON AIReady:

- **Efficiency:** Empowers students to learn at a pace four times faster than traditional methods.
- **Confidence:** Boosts learners' self-assuredness by 275% in applying new skills.
- **Emotional Engagement:** Fosters a connection with content that's 3.7 times stronger.
- **Focus:** Guarantees a four-fold increase in student attentiveness compared to existing e-learning platforms.

Unique Assessment Techniques: EON AIReady offers advanced simulator-like assessments, taking student evaluations beyond rudimentary checkbox formats and delving deep into each learner's knowledge and application abilities.

Bloom's Taxonomy Integration: Central to EON AIReady is its intrinsic design based on Bloom's Taxonomy. The tool ensures students progress from mere rote learning to understanding, application, evaluation, and, ultimately, creation.

How EON AIReady Operates

Users can transform traditional curriculum formats into immersive Extended Reality (XR) experiences by uploading them to the EON Train AI platform. Once trained, the AI curates a diverse range of multimedia content, from voice narratives and videos to interactive 3D experiences.

Adaptable by Design

EON AIReady prides itself on unmatched adaptability, offering tailored content based on audience demographics, cultural nuances, and presentation tones.

Exponential Productivity

EON AIReady champions both quality and quantity in content creation, showcasing potential as illustrated by Dan's creation of 650 diverse experiences in just a weekend with an early version of the tool.

EON AIReady transcends being just another digital tool—it's an emblem of an educational paradigm shift. A curriculum empowered by this system doesn't just educate—it captivates, challenges, and uplifts.

Dan Lejerskar, the visionary behind this transformative tool, invites educators, institutions, and learners to embrace EON AIReddy and set sail towards unparalleled educational excellence.

EOS Launches DIGITAL FOAM® Architects Network News Release

11 October 2023

EOS, leading supplier of responsible manufacturing solutions via industrial 3D printing technology, has launched its **Digital Foam Architects** network, designed to accelerate the development and additive manufacturing (AM) of consumer, medical and industrial products featuring Digital Foam applications. Founding members include EOS, **Arkema**, **General Lattice** and **DyeMansion**.

Digital Foam breathes new life into mature products, while also creating entirely new product offerings from athletic shoes, to orthotics, to protective gear and medical products. Manufacturers can “dial-in” exactly the performance or features they need to deliver product differentiation as well as provide mass customized product offerings.

Digital Foam applications typically have complex requirements, requiring multiple disciplines to ensure success. The Digital Foam Architects network formalizes a standing alliance of AM experts ready to bring ideas to production – design software, materials, and the various AM hardware elements, from printing to post-processing and colorization.

“Digital Foam applications can be designed and produced with tailored features for performance, protection and lightweighting. But Digital Foam is not a product, rather it is an approach to 3D printing foam-like products. The Digital Foam Architects network is another chapter in the maturation of this approach by coalescing the required AM expertise. We are very pleased to announce our first commitments to this network of experts.”

-Jon Walker, Digital Foam spokesperson for EOS

“Arkema is committed to supporting new additive manufacturing application development through more sustainable material solutions. In collaboration with EOS, we continue to push the boundaries on what is feasible in 3D printing by combining strong enablers, such as Digital Foam, and new materials, such as Pebax® elastomers. We look forward to the growth of Digital Foam and we will continue to play an active role in this program.”

-Adrien Lapeyre, director of Arkema 3D printing program

Underpinning Digital Foam is the EOS patent relating to any generatively 3D printed object which has a flexible grid-like structure or matrix (i.e., lattice), composed of open cells that are joined together in groups of differing characteristics. Described in basic terms, this covers any varying 3D printed lattice structures morphing into each other.

The network will expand its partners as Digital Foam continues to be leveraged as an additively manufactured flexible lattice solution. For more information on the Digital Foam Architects Network or becoming a potential network partner, contact **Jon Walker**, government relations and key accounts manager.

EPLAN Data Portal Update 01 October 2023

10 October 2023

465 manufacturers and more than 1,500,000 data sets are available with the update October 5, 2023.

New manufacturer catalogs

- OTOWA ELECTRIC – 1 new data set with protection devices
- NIHON PISCO. CO., LTD – 2 new data sets with general

Updates and new data

- ABB LTD – 50 new data sets with transformers
- Banner Engineering Corporation – 53 new and 136 updated data sets with converters, generals, lights, signal devices, sensors, switches and pushbuttons
- Belimo Automation AG – 1,094 new and 67 updated data sets with amplifiers, controllers, electrically-operated mechanical devices, sensors, switches and pushbuttons and valves
- BLOCK Transformatoren-Elektronik GmbH – 1 new data set with transformers
- BOSCH Rexroth AG – 1 new data set with converters
- DEOS Aktiengesellschaft – 52 updated data sets with PLC
- Eaton Industries GmbH – 228 new and 1,336 updated data sets with contactors, relays and power switchgears
- ETI Elektroelement d.o.o. – 2,572 updated data sets with Electrically-operated mechanical devices, miscellaneous, signal devices, relays, contactors, sensors, switches, and pushbutton, protection devices and transformers
- Festo SE & Co. KG – 45 new and 14,721 updated data sets with actuators, cylinders and valves
- Fuji Electric FA Components Co., Ltd. – 30 new data sets with signal devices
- Getriebebau Nord – 18 new and 82 updated data sets with converters
- ifm electronic gmbh – 2 new and 87 updated data sets with cables, lights, sensors, switches and pushbuttons, PLC, plugs and protection devices
- Lenze SE – 2 new data set with cables
- Link-world Intelligent Technology Co., Ltd. – 55 new data sets with PLC
- Pepperl + Fuchs SE – 36 new and 1 updated data sets with sensors
- Phoenix Contact GmbH & Co. KG – 245 new and 366 updated data sets with connections, logic items, miscellaneous, protection devices and terminals

- Pilz GmbH & Co. KG – 31 updated data sets with cables, sensors, switches and pushbuttons
- SCHNEIDER ELECTRIC SA – 42 new data sets with sensors, switches and pushbuttons, signal devices and PLC
- Siemens AG – 2 new and 86 updated data sets with relays, PLC and protection devices
- TE Connectivity – 12 new data sets with plugs

Summary

- 2 new manufacturer
- 20 updated manufacturer
- 1,938 new data sets
- 19,666 updated data sets
- 666 deleted data sets
- 2,106 new parts with EDS
- In total 906,543 parts with EDS
- In total 313 manufacturers with EDS parts
- In total 1,503,859 data sets live in EDP

FabEagle®LC: New line controller release for GMP-compliant production control of pharmaceutical products and medical devices

10 October 2023

Kontron, a leading global provider of IoT/Embedded Computing Technology (ECT), offers industrial software for cross-industry automation solutions through its subsidiary Kontron AIS GmbH. With the new release version 5 of the FabEagle®LC line controller, Kontron AIS meets all requirements for a GMP-compliant control system for the pharmaceutical and medical technology industries.

With the FabEagle®LC line controller for the pharmaceutical and medical technology industries, Kontron AIS offers a specially developed software solution for visualizing, managing, controlling, data acquisition and evaluation of production lines for medical devices and pharmaceutical products in a complex and highly regulated environment. The line controller enables production control and administration in accordance with GAMP (Good Automated Manufacturing Practice) and offers, among other things:

- provision of tested recipes and parameters as well as digital checklists for the preparation and follow-up of production processes,
- secure data acquisition for processes, products and machines for traceability,
- comprehensive process assurance and documentation of batch approvals using electronic signatures,

- tracking of changes to processes and recipes through software-supported approval processes.

The new version 5 of the specialized line controller solution now offers manufacturers even more freedom in digitalizing their production processes, addressing the current challenges of supply chain security and product availability in Europe. As extensions to batch reporting, more checklists and dialogs are available in addition to new reports for user-guided processing of tasks. The additional integration of long-term data archiving using an SQL database also enables seamless documented traceability so that quality records can be maintained over a long period of time. A new client application, which was developed specifically for manual workstations involving multi-stage manual packaging processes, also enables the tracking of work carried out down to the box or carton, including documentation. Thanks to the newly available EUROMAP 77 interface, injection molding machines for plastics processing can now also be directly connected. Moreover, a configurable dashboard allows users to freely arrange status displays and evaluations in accordance with their specific requirements for mapping processes and KPIs. FabEagle® Connect, the low-code integration solution from Kontron AIS, has also been integrated into the line controller version, which, in addition to interface integration, also ensures data buffering between the system components and the line controller.

Graphisoft announces latest product lineup at Building Together | Connect online event

4 October 2023

Graphisoft, the leading Building Information Modeling (BIM) software solution developer for architecture and multidisciplinary design, announced its latest product lineup, including significant feature updates to Archicad, BIMcloud, BIMx, and DDScad. The announcement follows a robust Technology Preview Program where users were invited to weigh in on the evolution of Archicad, Graphisoft's flagship product. The latest version boasts a brand-new design option solution, professional visualization tools, improved management of complex projects, and advances in open, multidisciplinary design collaboration.

"Last year, we outlined a bold new vision when we unveiled our Product Roadmap — and we delivered," said Márton Kiss, VP of Product Success at Graphisoft. *"The 2023 release includes significant advances across the Graphisoft ecosystem with major enhancements and feature updates offering the greatest value in recent times for both new and existing users."*

Archicad

Archicad's powerful built-in tools and user-friendly interface make it the most efficient and intuitive BIM software on the market. Featuring out-of-the-box design documentation, one-click publishing, photo-realistic rendering, and best-in-class analysis, Archicad lets architects focus on what they do best: design great buildings.

Archicad's new integrated design option management capability, built on a smooth end-to-end design workflow, empowers architects and multidisciplinary teams to evaluate and communicate design options to clients more efficiently, allowing them to find the best design alternatives in a significantly shorter time. *"The introduction of the new Design Options tool is a*

valuable feature, aiding architects in realizing infinite possibilities and ultimately enhancing their creative expression,” said Kevin Lee, Director of Technology | BIM, at TZG Architects in Australia. *“This tool is a much-awaited gift to the architectural community.”*

With a continuous focus on project manageability, Archicad now delivers highly requested additions to the attribute management workflow. This upgrade increases design team efficiency, allowing users to organize more attributes by folders. Improved consistency and new productivity tools, such as distance guides for placing elements, make designing with Archicad more enjoyable and intuitive for architects switching from other design platforms

BIMcloud

With BIMcloud, users get secure, real-time collaboration between project team members, regardless of the size of the design project, the location of the offices, or the internet connection speed. Private and public cloud configurations on standard hardware and Software as a Service (SaaS) allow even smaller offices to take advantage of fast, efficient, and secure access to shared projects in real-time.

A solid platform for multidisciplinary design collaboration makes BIMcloud the tool architects and engineers can count on. The latest innovations focus on security — a key concern of all design firms — thanks to the recently introduced multi-factor authentication.

BIMx

With BIMx, the most popular presentation and coordination app for desktop, iPad, iPhone, and Android phones and tablets, users can bridge the gap between the design studio, the client’s office, and the construction site.

BIMx is far more than a great 3D viewer — it’s a productive workplace and mobile collaboration solution. New, built-in issue-reporting capabilities shorten the time required to resolve problems found on the construction site or during project coordination meetings.

Archicad Collaborate

This subscription-based offer combines Archicad, BIMx, and BIMcloud SaaS at an affordable price point. Unlike other BIM software providers that charge additional fees for cloud services, Archicad Collaborate lowers the barrier to entry by offering award-winning BIMcloud SaaS as part of the Archicad subscription price in the user-friendly online Graphisoft Store.

“Customers demand powerful solutions that are easy to buy, learn, and use,” said Márton Kiss. *“Archicad Collaborate allows practices to acquire Archicad, BIMx, and BIMcloud SaaS at a price even smaller firms can afford.”*

DDScad

DDScad combines great architecture with peak building performance thanks to intelligent Mechanical, Electrical, and Plumbing (MEP) design tools, integrated calculations, and comprehensive documentation solutions for all building systems. Users can design and deliver high-quality MEP projects on time and within budget while collaborating seamlessly with BIM project stakeholders.

Engineers now save more time by modeling building systems smoothly and quickly thanks to streamlined solutions in DDScad. Accessing manufacturer data, a crucial part of MEP design, is now available out-of-the-box. In addition, new product data technology with enhanced OPEN BIM capabilities allows engineers to design MEP projects with greater freedom and flexibility.

“DDScad supports us greatly in our electrical design,” said Uwe Bullwinkel, Ingenieurgesellschaft Schnittger Wilde, Germany. *“With version 19, we are now even more flexible. For instance, the parallel power feed of distribution boards comes at the right time, as we need it for planning photovoltaic systems, among other things. And with the new overview diagram, we can quickly review the respective power supply system. These and the other innovations make DDScad the best option for efficient MEP design.”*

DDScad is now available in select countries in the Graphisoft Store as a monthly and annual subscription and will be introduced in additional countries soon. DDScad is also available as a perpetual license.

Multidisciplinary workflow improvements

Archicad further enhances the collaboration between architects and engineers working in multidisciplinary teams. The latest version of MEP Modeler delivers a significant boost in the built-in MEP modeling workflow, while the latest updates in Structural Analytical Model creation shorten the structural design delivery time on even large and complex projects.

Imagination Optimizes PPA and Speeds the Delivery of Low-Power GPUs Using AI-Driven Cadence Cerebrus in the OnCloud Platform

12 October 2023

Cadence Design Systems, Inc. announced that Imagination Technologies successfully utilized the AI-driven Cadence® Cerebrus™ Intelligent Chip Explorer and the complete RTL-to-GDS digital full flow to accelerate the delivery of their latest low-power 5nm GPUs. By leveraging the Cadence Cerebrus generative AI capabilities in Cadence's OnCloud platform, which enables pay-for-use flexibility and massive scalability, Imagination automatically reduced leakage power by 20% and total power by 6% while simultaneously improving area and performance.

Using AI-driven Cadence Cerebrus in a SaaS model provided the Imagination design team with the following benefits:

- Improved productivity, enabling the team to achieve power, performance and area (PPA) goals faster and accelerate time to tapeout
- Quick ramp-up with an EDA-optimized, ready-to-use, multi-cloud-enabled SaaS model that is security-compliant
- A cost-efficient, pay-for-use SaaS business model that offers massive compute and software license capacity to serve AI-driven peak demands
- Cost savings because no additional capital expenditures or IT efforts were required

- Pre-trained Cadence Cerebrus AI models available to Imagination and Cadence customers as a warm start for their design projects

“Our low-power 5nm GPUs had an aggressive delivery schedule and the AI-driven Cadence Cerebrus using a SaaS model gave us rapid access to a tailored Cadence-managed cloud environment on AWS—all without any CAPEX investment and the long wait times associated with on-premises hardware procurement and IT setup,” said Tim Mamtora, Chief of Innovation and Engineering at Imagination Technologies. “With the powerful combination of Cadence Cerebrus and the complete Cadence digital full flow, our team was able to automate processes that were previously manual, which saved us time and helped us achieve our PPA goals.”

“The AI-driven Cadence Cerebrus and the broader Cadence digital full flow are specifically designed for complex, next-generation designs like Imagination’s low-power 5nm GPUs,” said Dr. Venkat Thanvantri, corporate vice president of AI R&D in the Digital & Signoff Group at Cadence. “Through our collaboration with Imagination, they successfully leveraged AI-driven automation and the flexibility of our SaaS model to dramatically improve PPA and deliver a high-quality GPU design faster.”

Infor Announces New Developer Portal and Program

5 October 2023

Infor®, the industry cloud company, today announced the launch of its new Developer Program and Developer Portal, which are designed to provide developers with the information and tools they need to build applications on top of Infor cloud ERP (enterprise resource planning) systems.

The Infor Developer Portal includes baseline concepts and definitions to get started, a centralized library of APIs (application programming interfaces), and a set of specific tutorials that will help developers assemble the components they need to build next-generation solutions. The 50+ tutorials are offered in addition to Infor U courses and topical videos on Infor YouTube. As the central place for developers, links to product documentation, developer forums (Infor Communities), and best-practice guides are all located in the portal.

“We view the Infor Developer Program as an on-ramp for launching solutions on our Infor Marketplace,” said Story Monforte, Infor’s senior director of platform technology. “It is another key part of our growing partner ecosystem, which helps deliver myriad choices and innovation to our customers.”

Chris Griffith, CEO of StarPoint Technologies, said, “The Infor Developer Portal is another great example of how Infor is enabling partners like StarPoint to leverage the full capabilities and strengths of the Infor platform. As we continue to innovate with Infor, the detailed documentation, best practices and tools available to us through the Developer Portal will provide us with the key details needed to expand our AI and data insights solutions across an ever-increasing number of Infor CloudSuite ERPs and applications.”

“One of the most exciting parts of the Developer Portal is the new API library,” Griffith added. “Having broad accessibility to this information will not only save us time by reducing our development timeframes, it also will accelerate our ability to bring fully integrated solutions to market faster, ultimately driving value and improving cost performance for our shared customers. I’m really excited about the future of our partnership with Infor.”

The Infor Developer Portal also will provide resources for two primary Infor application development solutions, Infor Mongoose and Infor OS (Operating Service) App Designer.

Infor Mongoose

Infor Mongoose is Infor’s rapid application development framework that offers users a no-code/low-code/full-code experience. This framework can provide benefits to customers regardless of their technical expertise.

Whether building an extension to one of Infor’s ERP systems or building a complete stand-alone application, Mongoose can help developers design, build and deploy quickly and easily. Mongoose maximizes a developer’s time by using various wizards to reduce the need to “drop into code” and by exploiting Infor’s flex layout, user components and HTML5 designer. With Infor Mongoose, developers can create the UX/UI (user experience/user interface) that they are looking to achieve.

Infor OS App Designer

Infor OS App Designer (OAD) is an extensible application design tool that is part of the Infor OS Portal platform. OAD is designed to be a serverless, multi-tenant, cloud-based development framework.

With OAD, users can develop widgets for the OS Portal, using a no-code approach, based on predefined templates that are ready to be connected to a data service. The data service layer can connect to any API within the API Gateway. OAD uses a design wizard that guides developers through the required steps to assign data to, configure and publish an instance of a widget template.

Infor’s Monforte noted that the launch of the Infor Developer Program and Developer Portal is a key milestone in Infor’s roadmap for introducing its next-generation Infor Marketplace in 2024.

The Infor Marketplace currently serves as a listing marketplace, where customers can register to receive information and assets related to a wide range of Infor and partner solutions and services. In the coming year, Infor plans to develop it into a real-time provisioning platform, where users can conduct frictionless e-commerce.

Infor Announces New Platform Technology Innovations & Enhancements to Industry-Specific CloudSuites

12 October 2023

Infor®, the industry cloud company, today announced a series of new platform technology innovations and enhancements to its industry-specific CloudSuites, which are designed to help organizations operate more quickly, efficiently and dynamically than ever before.

These innovations are part of Infor's new bi-annual cycle for major product releases. The new product-release cycle will help organizations better plan for onboarding the new technologies that will help them transform their businesses and better serve their customers.

"Infor is the heartbeat of our business," said Gerro Dijkstra, IT academy director at Nutreco, a global leader in nutritional solutions and services for the aquaculture and animal nutrition industry. "The Infor solution has helped us increase the efficiency of our factories around the world, so we can deliver the right recipes at the right time to our customers."

Infor CloudSuite Food & Beverage supports 3,600 users across more than 100 production plants in 37 countries. As a multi-tenant cloud platform, the solution helps Nutreco deploy new technologies more quickly and stay one step ahead of its competitors, according to Dijkstra. Going forward, he said, "New Infor capabilities such as RPA, AI and machine learning will help us automate processes and reduce complexity in the business."

Infor President & CTO Soma Somasundaram said, "The innovations we are delivering with our October release will enable customers to boost agility, leverage data-driven insights for improved decision-making, and get access to industry-specific solutions out of the box. They are designed to help customers automate business processes, achieve business results faster and pave the way for business transformation."

The new products and technology in the Infor October release deliver to customers:

- complete, industry-specific solutions,
- a digitally enabled open platform that enables ease of integration, and
- hyper-productive workflows that improve time to value.

Intelliwave Technologies Releases SiteSense® Integration with key Cloud-Based Applications within CMiC Cloud Financials

10 October 2023

Intelliwave Technologies, a global leader in providing digital solutions for construction materials management and tracking is proud to announce a strategic partnership with CMiC, a leading provider of next generation construction ERP .

Intelliwave Technologies was formed in 2007 to provide new solutions in the construction industry to help increase "Time on Tools" for craft labor and improve site safety. The result was the creation of a revolutionary web and mobile-based software solution in one encompassing brand, SiteSense.

This advanced integration between SiteSense and CMiC allows construction professionals to process goods receipts in the field using the SiteSense Web and Mobile applications providing mobility to the digital delivery verification process.

Through this strategic partnership with CMiC, the SiteSense integration adds valuable insights and functionality to create a connected ecosystem for our mutual customers allowing for:

- Reduction of administration costs by 10%

- Craft labor productivity improvement by up to 16%
- Reduction in material bulk purchases by up to 40%

“The CMiC team has given us invaluable help to our team build out a fully integrated solution with SiteSense that completes the digitization of construction accounting procedures for material receiving, payments, and material issuance,” stated Dale Beard, CEO of Intelliwave. “I’m excited to work with CMiC users and provide them with accurate real-time data from SiteSense that will ultimately allow project teams to make better-informed decisions throughout the project’s lifecycle.”

The integration includes two major benefits for SiteSense and CMiC customers, keeping their field and office workflows connected in a single ecosystem:

- **Project and Item Master Creation:** Seamlessly connect projects from CMiC to SiteSense, individual project integration touchpoints can be configured globally or individually. Item Master records from CMiC syncs to SiteSense to populate Part Number records.
- **Verify Purchase Order deliveries:** Completed Purchase Orders and Revisions sync to SiteSense as Purchase Orders. Field users can process digital receiving reports for materials from a mobile device, setting material status and location while verifying actual received quantities against the Purchase Order. Completed material receipts sync to CMiC as Registered Invoices, allowing office users to close the loop for vendor payment.
- **Manage defects and deficiencies:** Field users can process digital receiving reports in the field while logging defects and deficiencies for unacceptable, overage, shortage, and damaged quantities against the Purchase Order, allowing for quicker resolution with vendors and material suppliers. Resolved deficiencies from SiteSense, sync to CMiC as Registered Invoices.

Future enhancements for SiteSense integration with CMiC products will include touchpoints with the **Equipment & Inventory Management module**.

“Through this new partnership, procurement teams will be able to accelerate the digital delivery verification process, therefore, complete the vendor payment process in a timely manner,” said Derek Fuller, Director of Product, **Integrations** at CMiC. “This business benefit will not only help our customers optimize payment processes, but also help them improve relationships with their vendors. At the end of the day, this is a win-win to all parties.”

Jama Software® Announces Largest Scale Achieved by Any Requirements Management Software

5 October 2023

Jama Software®, the industry-leading requirements management and traceability solution provider, announced that Jama Connect® has set yet another scalability record with over 10 million requirements managed in a single project (within a standard cloud instance) with P75 user interface load times under three (3) seconds. 10 million requirements per project

represents a new benchmark in the industry, clearly showing that Jama Connect is able to meet both the current and future scalability needs of our customers. It is also important to note that no project data storage limits were hit during this boundary condition test, so the actual limit has not yet been reached.

Engineering organizations are looking for software partners that can handle large-scale, collaborative projects that span engineering disciplines, customers, and suppliers. This performance benchmark demonstrates Jama Connect's unique ability to handle the scale required within a single project. Today, our customers work with tens of millions of requirements across projects in a single instance of Jama Connect. This latest single project scalability milestone adds to Jama Connect's market-leading standing for security, scalability, and performance in the cloud including:

- Over 100,000 trailing 90-day active users
- Daily users spanning 82 countries
- 16ms First Input Delay (FID) response times
- P75 response times of 2.7 seconds
- The only requirements management application that is SOC 2 Type 2 certified at the environment AND application layers
- The richest REST API with over 200 separate API functions
- Over 600 million API cloud service requests per month

LeapThought's Flagship Platform, FulcrumHQ, Acquires Key Certification from buildingSMART International

9 October 2023

LeapThought Corp. announces that its platform, FulcrumHQ, has achieved IFC4 Import Certification, granted by buildingSMART International (bSI). bSI spearheads digital transformation in infrastructure and buildings, fostering open, universal standards development and adoption. The certification is a testament to LeapThought's commitment to interoperability within the industry.

LeapThought, established in 2011, specializes in tech solutions that improve productivity in Architecture, Engineering, and Construction (AEC). The technology company's integrated digital delivery platforms are transforming how the built environment is planned, designed, managed, and operated.

Achievement of the bSI certification acknowledges FulcrumHQ's capabilities in supporting seamless interoperability of data across platforms. By utilizing Building Information Modelling (BIM) data, it ensures compatibility with international standards, eliminates potential barriers among project stakeholders, and promotes true collaboration in construction management.

"The distinguished bSI certification further confirms our commitment to connecting our customers with software solutions following the highest BIM interoperability standards. It

aligns with our vision to transform the built environment with a comprehensive solution encompassing every stage of project and asset lifecycles," said Ratnakar Garikipati, CEO, Chair, and Founder of LeapThought Group.

BIM-powered digital workflows are indispensable to the construction sector. They encourage collaboration, minimize inaccuracies, and propel data-driven decision making. FulcrumHQ, with BIM at its core, enhances these project benefits by enabling increased collaboration, strategic decision-making, and cost reduction.

"FulcrumHQ underwent rigorous testing to comply with buildingSMART International's stringent standards, ensuring smooth integration of premium quality IFC models with supplementary BIM software," noted Leonardo Machado, Vice President - R&D at LeapThought. "This certification showcases our commitment to compliance and quality of the highest order."

"We have been very impressed with the way LeapThought has approached certification for their innovative solutions, and their approach to problem solving," said Aidan Mercer, Marketing Director at bSI. "Their support for IFC-based workflows will benefit customers and give confidence to end users that their software is fully openBIM compliant. We can expect some big things from LeapThought in the near future."

In addition to the bSI certification, FulcrumHQ also facilitates projects to meet ISO 19650, an international standard for information management using BIM throughout an asset's lifecycle.

Leica Geosystems brings Leica BLK2GO PULSE to market for intuitive mobile laser scanning

10 October 2023

Leica Geosystems, part of Hexagon, the global leader in digital reality solutions combining sensor, software and autonomous technologies, announced the upcoming release of the Leica BLK2GO PULSE.

The BLK2GO PULSE is a new first-person laser scanner that combines cutting-edge LiDAR sensor technology with the original Leica BLK2GO form factor. It provides customers with a rapid, simple and intuitive first-person scanning method, controlled with their smartphone, that delivers full-colour 3D point clouds instantly in the field.

The BLK2GO PULSE was built in collaboration with Sony Semiconductor Solutions Corporation (Sony), the global leader in image sensors. The BLK2GO PULSE fuses Sony's advanced Time-of-Flight (ToF) image sensors with Leica Geosystems' proven GrandSLAM technology, resulting in the world's first dual ToF handheld scanner.

With its release planned in early 2024, the BLK2GO PULSE will add a new, unique and disruptive member to the BLK2GO product family. The BLK2GO PULSE is primarily used for indoor applications such as the creation of 3D digital twins and 2D floor plans. Additional features include:

- **First-person scanning:** See what you capture from a first-person scanning perspective. Colourised 3D data is streamed in real time to the smartphone screen.

- **Instant data availability:** Immediately view and share colourised 3D point clouds and images from the field, as easy as sharing a photo or video.
- **Intuitive companion app:** With a smartphone (iOS or Android) attached to the scanner, access a streamlined end-to-end reality capture workflow in the BLK Live app.
- **Smart scanning guidance:** In-app notifications provide real-time guidance to the user to ensure optimal scanning practices.
- **Reality Cloud Studio, powered by HxDR, upload:** Easily upload scans from the field to Reality Cloud Studio, Hexagon's cloud application for reality capture data visualisation, collaboration, and storage.

"With a fast end-to-end workflow that combines scanner and smartphone app into one reality capture solution, users will benefit from an easy, intuitive user experience and the delivery of complete data instantly," said Juergen Mayer, President Reality Capture at Leica Geosystems, part of Hexagon. "The BLK2GO PULSE furthers our mission to democratise reality capture, and along with Hexagon's most recent innovations such as Reality Cloud Studio, powered by HxDR, we continue to push the boundaries of what is possible in digital reality with even more disruptive products."

LocLab makes digital twins more accessible with the launch of LocLab Cloud, powered by HxDR

9 October 2023

LocLab, part of Hexagon, announced the launch of LocLab Cloud, powered by HxDR. The cloud-based platform offers a secure end-to-end solution for 3D digital twins, allowing management and monitoring of models. It acts as an open platform, enabling partners to upload, update, access and share their own digital 3D content. Generic interfaces facilitate integration with existing systems, such as ERP, FM and IoT.

LocLab specialises in developing object-based and structured digital twin models that seamlessly integrate data from various systems and sources. Users can click on an object within the model to access relevant data sets stored elsewhere. Clients rely on these models for efficient asset management, process optimisation, simulations and more.

"Industry increasingly understands the benefits of data-enriched digital twins. But to fully realise their potential, users need an efficient platform that helps them securely store, manage and maintain these assets, ensuring real-time updates," says Ilka May, CEO at LocLab. "LocLab Cloud is an innovative SaaS platform that enables clients to access and share data about their assets through a very intuitive spatial 3D environment."

LocLab Cloud is accessible from any computer, tablet or mobile device via a web browser and the new Digital Twin Player. The cloud-native security system ensures that only authorised collaborators can upload, access share and collaborate on the digital content.

The platform empowers users, such as infrastructure providers, with comprehensive data, enabling predictive maintenance, scenario planning, sustainability analysis and overall

improved decision-making. Users can seamlessly interact with the 3D model and receive live updates from on-site sensors. LocLab Cloud thus provides them with immediate, actionable insights.

At the heart of Hexagon's cloud services is HxDR, a cloud-native platform for geospatial data at any scale. HxDR powers Hexagon's digital reality applications with storage, visualisation, collaboration tools and automated microservices for data processing. HxDR also powers Reality Cloud Studio, HxGN GeoCloud and the HxGN Content Program.

Nisshinbo Micro Devices Inc. Accelerates IC/Module Designs using Cadence Custom IC and System Analysis Technology

5 October 2023

Cadence Design Systems, Inc. announced that Nisshinbo Micro Devices Inc. has deployed multiple Cadence® solutions, including the AI-based Virtuoso® Studio custom IC design platform and Clarity™ 3D Solver, to improve design efficiency and reliably deliver products to market. Using the Clarity 3D Solver, Nisshinbo Micro Devices Inc. has achieved up to a 12% electromagnetic (EM) simulation runtime improvement when compared with their prior solution.

By deploying the AI-based Virtuoso Studio platform, Nisshinbo Micro Devices Inc. has access to a full suite of IC design solutions and tight integration with Cadence's multiphysics system analysis offerings. Nisshinbo Micro Devices Inc. uses the Virtuoso Schematic Editor for design capturing and the Virtuoso ADE Suite and the integrated Spectre® X Simulator to enable its circuit designers to manage corner simulations, statistical analyses, design centering, and circuit optimization. The Virtuoso Layout Suite contains multiple functions, such as concurrent layout editing and design review, that foster user collaboration. Concurrent layout editing allows the partitioning of a layout into many portions, assigning them to different users who can then work independently on their part of the project. Nisshinbo Micro Devices Inc. designers used this feature to gain a 30% reduction in turnaround time for routing of complex analog blocks.

Nisshinbo Micro Devices Inc. has also adopted the Clarity 3D Solver for EM simulation and analysis of its module designs after confirming a 12% solver runtime advantage. With its novel, innovative and proprietary massively parallel matrix solver, the Clarity 3D Solver delivers near-linear scalability without any loss in accuracy. Capacity, accuracy, and simulation speed are all achieved concurrently with no need to trade off one for another to realize an optimum design solution in a reasonable time. Through its seamless integration and streamlined in-design analysis workflow with Cadence IC packaging and PCB design platforms, engineering productivity and turnaround time (TAT) are significantly improved.

"For us to continue shipping reliable analog IC and module products to the market in a timely manner, we need to keep improving our design efficiency," said Yasutoshi Hirano, Manager, Design Technology Department, Technology Development Division, Electronic Devices Business Headquarters, Nisshinbo Micro Devices Inc. "Using Cadence Virtuoso Studio, the latest custom IC design solution, and the Cadence Clarity 3D Solver together, we have demonstrated a more

comprehensive chip-to-package design environment for faster and more reliable product development.”

OpenText AI Enables Smarter Organizations

11 October 2023

OpenText™, the information company, announced the latest release of its Cloud Editions (CE) 23.4, which includes OpenText Aviator artificial intelligence (AI) capabilities that carry through the company’s innovation roadmap. For over a decade, OpenText has been helping organizations manage and secure large complex data sets from IoT and robotics, to natural language processing, to complex systems and generative AI. OpenText Aviator empowers organizations to swiftly act on their data, make sharp decisions and evolve with intelligent tools that learn over time. OpenText Aviator uplevels information automation so organizations can easily make the AI pivot and conquer today’s and tomorrow’s business challenges.

“The AI revolution is creating an unprecedented platform shift – one that will transform all industries, all functions, and all roles,” said Mark Barrenechea, CEO & CTO of OpenText.

“OpenText has been developing AI capabilities for over a decade, and OpenText Aviators is an AI breakthrough for customers. OpenText Aviator will help customers massively increase productivity through new conversation interfaces leveraging Information Management data sets and language models.”

The demand for and adoption of AI technologies continues to grow at record speed. According to IDC, global AI IT spending will surpass \$308 billion by 2026. In response to this rapidly growing demand and market potential, OpenText introduced its opentext.ai vision and strategy for AI focused on helping organizations power and protect traditional operational and experience data while anticipating a new layer of learning data from generative AI and large language models (LLMs). Grounded in layering LLMs on top of private, secured data, opentext.ai allows for a full stack or modular approach to practical AI. Organizations can take advantage of LLM-based capabilities within applications, or they can utilize OpenText Cloud API Services to create the right sandbox to experiment with.

“From upstream and renewables to trading and transport to marketing and manufacturing, we keep goods and people moving. We span 160 markets, serve about 32 million people a day at 46,000 branded retail sites and work with more than 1 million business customers. We have been the No.1 global lubricants supplier for 16 consecutive years and offer our customers a strong portfolio of energy solutions they need today and tomorrow. AI is key to maintaining our performance in these areas whilst we play a key role in the energy transition and help our customers decarbonize their businesses in the journey to net zero,” said Jonathan Cullender, Head of Integration at Shell. “We are excited to take the stage with OpenText in Las Vegas to explore the game-changing capabilities of AI within the energy sector and how OpenText solutions have been instrumental in improving our operational efficiency and security, ultimately leading to substantial cost savings.”

OpenText Aviator enables AI orchestration and the creation of information flows across multiple clouds and knowledge bases allowing organizations to address multiple AI use cases

for their enterprise without having to move their data. The latest Cloud Editions release includes:

OpenText Aviator for Business

- **OpenText IT Operations Aviator™** is a cutting-edge generative AI virtual agent for OpenText Service Management Automation X (SMAX). The latest integration combines LLMs with OpenText's data security expertise to enhance the user experience, facilitate intuitive self-service, provide faster issue resolution and gain efficiency, ultimately reducing service management costs and improve end-user customer experience.
- **OpenText DevOps Aviator™** revolutionizes software delivery with generative AI capabilities enabling organizations to deliver software at unparalleled velocity. This tool leverages AI to optimize software delivery with feature prediction, enhances test coverage with automatic test creation and authoring, and reduces points of risk that impact quality.
- **OpenText Content Aviator™** optimizes information retrieval in the workplace, making it more efficient and productive. The interactive chat interface and natural language queries enhances user productivity and streamlines content discovery.
- **OpenText Experience Aviator™** integrates Customer Communications Management (CCM) software with generative AI capabilities enabling marketing, communications and customer service support teams to produce well-formed and relevant material faster than ever, boosting development productivity.
- **OpenText Cybersecurity Aviator™** offers AI-enhanced rapid deployment capabilities and cloud-based efficiency to help organizations implement new threat detection models designed to protect users from diverse, sophisticated and evolving threats.
- **OpenText Business Network Aviator™** brings generative AI and large language models (LLMs) into the OpenText Business Network, placing the entire supply chain information flow into a single platform. By utilizing a comprehensive 360-degree perspective of end-to-end supply chain operations and an AI-powered conversational interface, businesses will gain access to information to respond quickly to dynamic and unpredictable market fluctuations and conditions.

OpenText Aviator for Technologists

- **OpenText Aviator Platform** offers a suite of tools and connectors to administer enterprise-grade data warehouses, data lakes, analytics of structure and unstructured data, and visualization for intelligent decision-making.
- **OpenText Aviator Search** introduces a new advanced capability to go from clicks to conversations with search that spans all data types across multiple repositories to build any custom solution, portal, or experience for an enterprise.

- **OpenText Aviator IOT** brings forward a collection of tools to better connect and protect millions of IoT endpoints to get real-time insights and visibility into assets location, condition, utilization, performance and health.
- **OpenText Aviator Thrust & Thrust Studio** is a set of robust cloud API services and developer tools built over the last three years that can power secure information flows, fuel custom AI solutions, and fast-track new AI-embedded applications.
- **OpenText Aviator Lab** is a partnership for experimentation with professional AI experts to help customers accelerate AI development through rapid prototyping, AI reference architectures in a secure sandbox environment.

Availability

As a part of the quarterly OpenText Cloud Editions releases, customers benefit from new AI capabilities every 90-days.

Revolutionizing 3D Scanning Data Capture, FARO® Unveils Orbis™ Mobile Scanner

10 October 2023

FARO Technologies, Inc., a pioneer in the field of 3D measurement, imaging, and realization technology is proud to announce the release of the FARO® Orbis™ Mobile Scanner, a groundbreaking advancement set to redefine 3D reality capture.

Orbis is the first to market hybrid SLAM scanner that can be used for both mobile and stationary data capture in one device. Offering local or cloud-based data processing and collaboration, Orbis is the latest evolution in FARO's industry leading Simultaneous Localization and Mapping (SLAM)-enabled LiDAR technology.

Built on FARO's legacy in tripod-based scanning and proprietary Flash technology, Orbis operators can seamlessly switch between walking and stationary scanning while continuously acquiring 360° images, ten times faster than using a traditional static laser scanner.

Users across geospatial, architecture, engineering, construction, operations & maintenance, public safety and mining will now have the ability to capture highly accurate, detailed scans from a simple to use mobile device. With significant new functionality, Sphere XG, the latest version of Sphere, represents the evolution in cloud capabilities. Users can integrate data from static scanning, mobile scanning, 360° capture and iPhone LiDAR data all within a single, digital reality workflow platform. Project stakeholders can upload, view, measure and analyze 3D point clouds, 360° images and BIM (building information modeling) data for centralized cloud-based data storage and collaboration.

"Orbis demonstrates our commitment to innovation and expanding our served markets," says Peter Lau, President & Chief Executive Office of FARO. "It reflects the fusion of FARO's technologies with the capabilities brought by our recent acquisitions, GeoSLAM and HoloBuilder. It offers all the unmatched functionality of a mobile scanner, the precision of a tripod-based laser scanner and sets a new standard for 3D reality capture technology and workflow management that will transform the way people work across a range of industries. Orbis is the

convergence of efficiency, data quality and simplicity and we are thrilled to bring this to the market.”

Orbis is being introduced today at INTERGEO in Berlin, Germany, and is immediately available for demonstration and purchase.

Sage Expands Construction Cloud Suite to Deliver Powerful Preconstruction and Project Management Solutions

10 October 2023

Sage, the trusted software provider for small and mid-sized businesses (SMBs) in the construction industry, announced the expansion of its construction cloud suite. With the launch of Sage Construction Management, Sage adds cloud preconstruction and project management capabilities to its industry-leading construction portfolio.

“Sage is proud to offer the only true cloud solutions built for construction with full end-to-end capabilities covering preconstruction, operations, and financials,” said Julie Adams, Vice President of Product, Construction and Real Estate, Sage. “Sage has been an industry leader at the forefront of innovation for more than 50 years. The addition of Sage Construction Management further strengthens the depth and breadth of Sage’s construction portfolio and fills an industry need for comprehensive cloud-based solutions that fit the requirements and budgets of smaller contractors and can scale to support their needs as they grow.”

Sage Construction Management is built for collaboration and mobility so field, office, and external teams can share real-time project information and make quick, informed decisions. The solution is offered together with Sage Intacct Construction Financials as an end-to-end suite that enables operational and finance teams to align and work together towards improved job profitability.

Managing all project operations from one platform, anytime, from anywhere, and on any device, helps businesses win more work and execute projects more efficiently. “In researching project management solutions, it was clear that this was the package for us,” said Shawn Peterson, office manager at Mid-Atlantic Building Services. “It can take us from the first subcontractor proposal, through the last pay app to the client. And with everything in one platform, everyone can access what they need in their own individual capacities without being disjointed.”

Sage is also offering the Construction Essentials package, which includes Sage Construction Management and Sage Intacct Construction Financials as an end-to-end suite at a cost-effective price for growing contractors. In addition, Sage Construction Management is available as a standalone preconstruction and project management solution with connectors to other accounting solutions, providing businesses the power and flexibility to choose the mix of solutions that best addresses their needs.

Sage Construction Management and the rest of Sage’s industry-leading solutions are available now from authorized Sage resellers, the largest and most experienced partner network in the industry.

Siemens extends leadership in EDA design-for-test with the launch of Tessent RTL Pro

9 October 2023

Siemens Digital Industries Software unveiled Tessent™ RTL Pro, an innovative software solution developed to help integrated circuit (IC) design teams streamline and accelerate a broad array of critical design-for-test (DFT) tasks for their next-generation designs.

As IC designs continue to grow in both size and complexity, engineers must identify and address testability issues at the earliest possible stages of design. Siemens' Tessent software helps customers meet this need by enabling the analysis and insertion of a large majority of their DFT logic very early in the design flow, performing quick synthesis and then running ATPG (automatic test pattern generation) to identify and address outlier blocks and take appropriate measures.

Extending the Tessent portfolio's industry-leading design editing capabilities, Tessent RTL Pro automates the analysis and insertion of test points, wrapper cells, and x-bounding logic earlier in the design flow, which can help customers shorten design cycles and improve the testability of their designs. Unlike competing solutions, Tessent RTL Pro handles complex Verilog and SystemVerilog constructs while maintaining the look and feel of the original RTL design.

Renesas, a leading semiconductor company, has adopted Tessent RTL Pro to further its shift-left efforts. "Adopting Tessent RTL Pro for our next-generation automotive semiconductor design allows us to extend our shift-left strategy and reduce the iterations of the conventional design flow. This is all possible while maintaining our best-in-class coverage and pattern count," said Tatsuya Saito, senior principal EDA engineer, Digital Design Technology Department, Shared R&D EDA Division Renesas Electronics Corporation. "The ability to provide our back-end and verification teams with the same, complete design view containing all Tessent IP, including VersaPoint test points in RTL, is paramount for our competitiveness."

The new solution works with Siemens' market-leading Tessent DFT tools to deliver industry-first functionality. Tessent RTL Pro enables analysis of RTL complexity and its adaptability for test point insertion, evaluating whether the customer's RTL structure can be edited efficiently, which is a critical factor when adding test points throughout the design. This innovative functionality can help customers reduce their design turn-around-time and improve time-to-market.

Tessent RTL Pro's "shift-left" functionality also helps enhance the ability of third-party tools to optimize area and timing when adding DFT logic prior to synthesis, leaving only scan insertion for the gate level. Design insertion happens at the RTL development stage, with RTL output, allowing seamless integration with third-party synthesis and verification software. In addition, RTL Pro generates design files that work with any downstream synthesis or verification flows, without requiring a closed-flow process.

"Tessent RTL Pro continues Siemens' drive to provide the industry's most advanced solutions to chip designers and DFT engineers for their design flows," said Ankur Gupta, vice president and

general manager, Tessent division, Siemens Digital Industries Software. “With the ability to analyze and insert wrapper cells, x-bounding logic, and VersaPoint test points at the RTL stage of design, customers can now extend their shift-left initiatives by substantially enhancing the testability of their designs.”

Solid Edge 2024 expands AI assisted design capabilities in Siemens Xcelerator

11 October 2023

Siemens Digital Industries Software is bringing AI assisted design and greater cloud-based collaboration Solid Edge 2024® software, product design and engineering software for the mainstream and part of the Siemens Xcelerator portfolio of industry software. Announced today and available immediately, the latest updates enable manufacturers of all sizes to begin or expand their digital transformation strategy, reuse data more efficiently and to drive innovation at the front-end of mechanical and electrical design and manufacturing through new applications of artificial intelligence in product design, greater cloud-based data sharing and collaboration.

Bringing AI-assisted design to the mainstream

Solid Edge 2024 delivers artificial intelligence (AI) assisted design to Solid Edge for the first time – found in several key enhancements. Now, when replacing parts in an assembly, the new AI assembly relationships capability intelligently predicts and offers valid alternatives. Elsewhere, an AI powered user interface learns use patterns to present relevant commands, in the right context, at the cursor, while a new AI assisted Operation Editing capability in Solid Edge® CAM Pro can guide users through the machining operation editing process, offering suggestions based on the machining application and learned part-programming style.

These updates build on existing intelligent modelling capabilities already in the system such as synchronous technology’s ability to recognize and maintain design intent in real time, even on models coming from other systems. When used aside Solid Edge’s generative design capabilities to automatically design concepts based on defined geometric and functional constraints, they can remove repetitive work from common activities, speed design and enable designers and engineers to focus on true exploration and innovation. “Solid Edge 2024 helps us work smarter and be more productive,” said David Iverson, Ariel Corporation. “Incorporating AI into our design processes will cut down time spent on tedious tasks, letting us do more of the fun stuff.”

Extending the benefits of cloud-based collaboration

Subscriptions to Solid Edge SaaS include access to cloud-based data sharing and collaboration with the Teamcenter® Share app. Delivered as a benefit of any Siemens Xcelerator as a service subscription, Teamcenter Share is a rich set of cloud-based capabilities that enable collaboration with colleagues, partners and customers, from anywhere, on any device. The latest update brings streamlined integration across Siemens’ broad range of industry software, improved out of the box integration connecting Solid Edge to Teamcenter Share, interactive previews of both Office documents and 3D data, kanban board display enhancements, improved assignment/status visibility, increased storage and expanded file support help

customers to improve communication and move projects forward at the pace industry demands.

Bring real-time product configuration direct to the sale process

The new Solid Edge® Design Configurator Connect software delivers instant online product configuration, allowing rapid configuration of a product that meets a customer's specific requirements. Built on existing Solid Edge® Design Configurator software, this allows sales engineers and end customers to configure products for quotation via a web-based portal, without the need for a local Solid Edge install.

Greater productivity across the full Solid Edge product family

Alongside the marquee updates delivered with the latest update to Solid Edge, the 2024 update also delivers productivity enhancements along with extended functionality across the entire product suite. From huge gain in large assembly performance (now 9x faster when initially opening complex product models), to new real-world environments that automatically update with model movement for more immersion.

Technical Preview: ALLPLAN and BIMcollab unveil seamless integration for effortless issue management

11 October 2023

ALLPLAN and BIMcollab proudly unveil an integration for seamless issue management within Building Information Modeling (BIM) projects. The technical preview of this integration marks a significant advancement in the Architecture, Engineering, and Construction (AEC) industry by simplifying collaboration and issue handling.

Allplan users managing issues with BIMcollab historically relied on file-based BCF exchange, often resulting in inconsistencies. With the launch of ALLPLAN's Technical Preview, now available for free to ALLPLAN's clients with Allplan 2024, users can enjoy a seamless connection to BIMcollab projects. This integration streamlines issue management with BIMcollab, eliminating the need for BCF import/export and minimizing potential errors.

"Through our collaboration with Allplan, we empower professionals to collaborate seamlessly with BIMcollab and achieve exceptional results in their construction projects."

– Erik Pijenburg, CEO of BIMcollab

The Allplan and BIMcollab integration enhances AEC professionals' project efficiency, allowing uninterrupted collaboration within a familiar interface, from design to construction, ensuring precision and success.

Trimble Monitoring Software Expands Sensor Support to Deliver Broader Rail and Structural Deformation Analytics for Survey, Monitoring and Construction Professionals

10 October 2023

Trimble announced at the INTERGEO conference the latest release of Trimble® 4D (T4D) Control™ software, version 6.5, expanding rail track monitoring capabilities to address a wider range of standards and specifications. This update also adds support for Syscom Instruments acceleration sensors for event-based monitoring of ground motion, as well as updating authentication methods for improved security. These enhancements provide survey engineering firms, monitoring service providers and construction contractors with an even more comprehensive view of infrastructure risk for better informed decision making, and increased control and security.

Flexible and comprehensive features for track monitoring

The T4D Rail module now provides the flexibility to use wireless tiltmeters or automated monitoring total stations (AMTS) to monitor track geometry. Additionally, the software allows for relative track monitoring where an as-built survey has not been performed. This streamlines the deployment of monitoring systems and provides automated analytics to meet the requirements of several countries. The latest version of the T4D Rail module also simplifies data management, analytics and deliverables through the automatic calculation of key rail parameters to lessen in-office processing time and reduce errors from manual processes. Real-time, rail-specific visualization and analysis, and automated alarming of key track parameters deliver crucial information on track geometry and stability.

Event-based monitoring of ground-motion

Version 6.5 of T4D Control supports Syscom Instrument's MR3003DMS and MR3003SB strong motion acceleration sensors, which measure movement from seismic activity. This enables the combination of vibration, geotechnical and geodetic sensors in one software platform to gain a greater picture of site conditions and structural behavior. The combination of the sensor data allows for more informed decision making about infrastructure, including dams, buildings and other structures, and adheres to regulations requiring acceleration sensors, while streamlining data analysis.

"The software has been built with professionals in mind, but easy enough to use regardless of your experience level," said Riley Smith, marketing director, Trimble Monitoring and Tunneling. "By combining rail monitoring and structural health into T4D, monitoring, construction and survey companies can offer customers more value while reducing project costs and centralizing workflows." Overall IT Security Enhancements The new version also increases software security by providing an option to authorize and authenticate T4D users from an active directory and database connection using secure Windows authentication. These features allow greater control over user access to the T4D system and better adherence to IT policies.

Availability

Trimble 4D Control version 6.5 is expected to be available in November 2023. To update to T4D

version 6.5 or to add the Rail module, contact the Trimble Monitoring team here or a local Trimble Distributor.

Vansichen's CAD data now live on TraceParts.com

5 October 2023

Vansichen, a renowned producer and supplier of high-quality industrial components, was established 30 years ago. Specializing in linear technology the company offers standard and tailor-made solutions to meet the specific needs of its customers. In a recent interview with Pieter Vansichen, General Manager at Vansichen, we gained insights into the company's core business, its market positioning, and the decision to collaborate with TraceParts to provide CAD models of their components to designers.

Expertise in mechanical solutions for diverse markets

When asked about its core business, the company proudly emphasized its expertise in mechanical linear systems, gantries, and robot tracks. This versatility has found its way into diverse markets, as Vansichen caters to a wide array of industries. Among the company's loyal customers, we count machine builders and system integrators, operating in logistics, 3D printing, automotive, food, and the metal industry.

New product: Vansichen presents the FT30-AL

Vansichen recently launched the FT30-AL, an aluminum track specially designed to meet the needs of modern industry.

Key benefits:

- Aluminum's light weight combined with its robustness makes it an ideal choice for reducing loads and stresses on mechanical systems.
- Its cost-effective design optimizes project costs while maintaining high quality.
- Universal compatibility makes it easy to integrate into existing and future designs.
- Design flexibility enables customized solutions for specific applications.

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Responding to requests for CAD models

Vansichen strategically moved towards digitization after recognizing the requirements of its engineering clients. The company understood the need to immediately deliver CAD models to empower its clients and provide them the freedom to go forward with their projects without delay. Vansichen made the decision to publish components online in order to facilitate smooth integration and provide designers with simple access to the information they need.

As engineers of our customers require quickly CAD files so that they can proceed to design the solution rather than wait for our input. Pieter Vansichen, General Manager at Vansichen

Selecting TraceParts: A Reliable Partner

When it comes to a reliable platform for CAD models, TraceParts needs no introduction. Vansichen was certain to be in capable hands because of the platform's well-established reputation and solid recommendations in the field. The great assistance offered by the staff throughout the entire process served to reinforce the choice to work with TraceParts.

We have chosen TraceParts thanks to its proven track record with nice references but more importantly the team that supported us during the offer. Pieter Vansichen, General Manager at Vansichen

Collaboration that unleashes innovation

Vansichen wanted to provide designers, engineers, and customers with a seamless experience, so the company worked up with TraceParts to make it happen. Designers can now go on with their projects without delays because of easy access to CAD models, which leads to more effective workflows and increased productivity. Through this partnership, the designers are given the freedom to experiment, think outside the box, and develop innovative ideas that use Vansichen's components.

By embracing digitalization and collaborating with TraceParts, Vansichen has undoubtedly solidified its position as a leader in providing cutting-edge solutions while fostering creativity and efficiency among designers worldwide.

Vectorworks, Inc. Announces a Colorful Update to its 2024 Product Line

11 October 2023

Global design and BIM software provider Vectorworks, Inc. has released its first update for the Vectorworks 2024 product line, unveiling a new partnership with NCS Colour, the leading provider of color communication solutions and delivering updates designed to enhance user experience and introduce improvements to newly added tools.

For Designers Who Want to Work Digitally with Color

In collaboration with new Vectorworks Partner Network member NCS Colour, the NCS+ Pro integration offers Vectorworks users access to the innovative web app that bridges impactful color work with desktop compatibility. With an NCS+ Pro subscription, the integration lets architects and interior designers identify, define and visualize NCS color concepts seamlessly into their Vectorworks projects, saving them time in developing color schemes and design iterations.

"NCS Colour is widely regarded as the global standard for exceptional color communication tools, and we are thrilled to offer our users the opportunity to access its extensive range of resources through this cutting-edge integration," expressed Vectorworks Senior Industry Specialist, Interior Architecture Kesoon Chance. "The NCS+ Pro integration offers Vectorworks users an automated process, simplifying the development of color concepts in their projects and opening up new avenues for expressing their creativity."

Powered by the science behind NCS – Natural Colour System®, NCS+ helps users get inspired, find the right colors and create mood boards throughout the design phase of a project. NCS

color palettes can be directly imported from NCS+ Pro to the Vectorworks color palette manager for easy access. Additionally, NCS+ Pro allows users to capture colors from the real world, extract the closest NCS colors from inspiration images and photos, translate to and from NCS and other color systems, find harmonizing color combinations based on NCS similarities and collaborate with colleagues and clients.

“Embracing our core mission of simplifying design processes for our customers, NCS is proud to collaborate with Vectorworks as our first distribution partner of NCS+,” said NCS Colour CEO Elin Askfelt. “By making NCS+ accessible to Vectorworks users, we empower a global community of designers and architects to revolutionize their work with colors. With the smartness of the NCS System incorporated into NCS+, we transform the intricate task of color selection into an intuitive and enjoyable experience across all projects. Together, we’re reshaping the landscape of color design.”

The NCS+ Pro plugin can be installed via the Install Partner Product command within the Vectorworks platform.

For Architects, Landscape Architects and Landscape Designers

With an unwavering commitment to delivering a distinct data advantage, this latest update includes an additional feature for the new Fence and improved Railing tools. Each tool now incorporates new quantity take-off worksheet functions for more accuracy in your estimations.

Users will also find improved texturing of Railing, Hardscape and Fence objects for even better visual quality in both Shaded render and other Renderworks modes. Additionally, landscape architects and designers can now enjoy enhanced IFC support for Plants, Fence and Hardscape objects, fostering better collaboration opportunities.

For Lighting and Live Event Designers

Unifying the equipment and inventory tracking process in preproduction with the Equipment Lists feature is now even more comprehensive, with added support for Blended Screens and Stage Plugs. The Equipment Summary Key has also been updated with improved alignment of text and symbols and optimized sorting and expanding of items included in the dialog box.

This update is available to download for all currently released English-based versions of Vectorworks 2024. To install the update, select “Check for Updates” from the Vectorworks menu (Mac) or the Help menu (Windows).