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## CIMdata News

### ***Smart Electronics Require Integrated Analyses: Capitalizing on Altair’s Expertise for System Design and Manufacturing – a CIMdata Commentary***

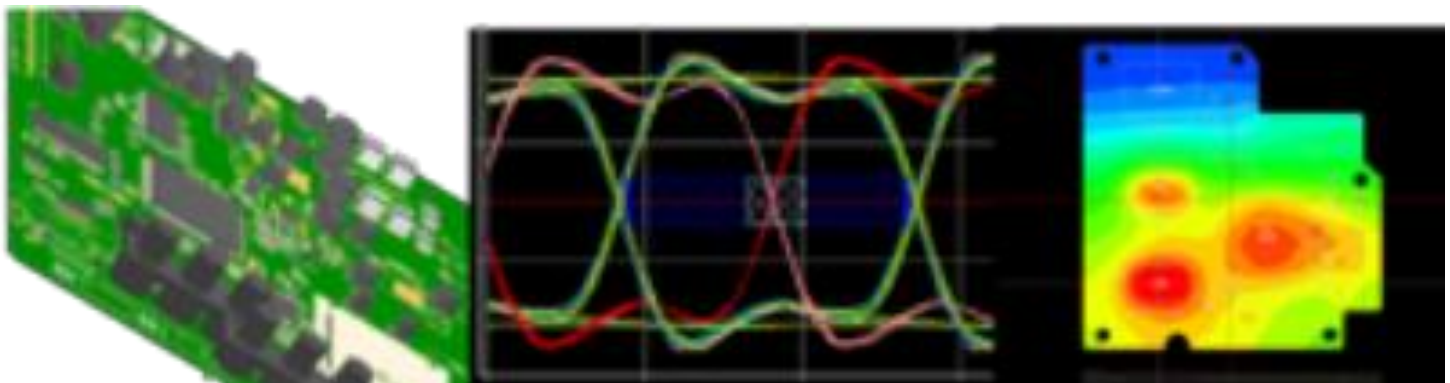
8 June 2021

*Key takeaways:*

- Printed Circuit Board (PCB) manufacturing and assembly efficiencies are coming to the fore front, driving demand for first time producible electronics.
- More sensors and their electronics on smaller PCBs now enable massive data collection for performance analytics.
- PCB Verification and Validation will benefit with more manufacturing IoT operational data collection and advanced analytics leveraging AI/ML.
- PollEx’s Unified User Interface and well-integrated analyses accelerate the electronics design and verification process including manufacturing requirements.
- Altair’s expanding electronic system modeling improves electronic and mechatronic system robustness for multiple disciplines: structural, thermal, EMI/EMC, optimization, and controls.

Products in all industries are becoming more and more dependent on electronics and software functionality including being connected as “smart” Internet of Things (IoT) devices. The design and development of complex cyber-physical systems requires well integrated capabilities for cross-disciplinary mechatronics simulation, analysis, and design optimization supported by advanced data analytics.[\[1\]](#)

Altair understands that efficiently designing products requires a focus on manufacturing and robust system designs done with state-of-the-art computer-aided engineering tools. Altair is one of the mechanical systems CAE leaders (e.g., planes, trains, and cars) focusing on product durability and mass production efficiency. Altair’s capability to integrate with many MCAD authoring tools lets them focus on multi-physics simulation technologies leveraging efficient HPC utilization for large scale models. Note the different views of layout/mockup, signal clarity, and thermal or vibration heat map in Figure 1.



*Figure 1—Engineering Across the Electrical and Electronic Disciplines Need Multi-Physics Models*

Altair realized the next step is applying their proven CAE techniques to electronics and with interfaces to mechatronics. Altair acquired a Printed Circuit Board (PCB) Electronic Design Automation (EDA) design suite in 2019 from Polliwog of Korea with this goal in mind. This product suite is now branded as PollEx.

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## Altair's Vision for Integrated Analyses

Simulation driven design has been used extensively in automotive and aircraft design using Altair's solutions. Altair's leadership combining simulation expertise with machine learning and artificial intelligence has been reported on in late 2019.[2] Now Altair has acquired and improved Electronic System Design simulation solutions to achieve similar benefits for products having increasing electronic content, typically installed on a PCB. There are benefits when the physics coupling between vibration, heat, and magnetic interferences are discovered, understood, and resolved together across all physical disciplines. Altair's PCB CAE capabilities provide improved performance understanding while gaining insights from all datum, both predictive (simulation) and measured (laboratory and field use)—this is a more holistic and integrated approach.

Simulation Driven Design tools should also comprehend manufacturing and assembly practices—which are often a company's competitive advantage. Figure 2 shows the elimination of manual review steps in a typical PCB design process thanks to an ability to examine different views—often as simulation-based heat maps, when circuit or PCB layout engineers want to confirm a decision. Notice manufacturing engineering practices and guidelines are available to engineers as they start a design. As new product introduction (NPI) occurs, launching the PCB assembly line goes much quicker. Gone are the wasted hours developing a circuit or board which cannot be profitably produced in volume.

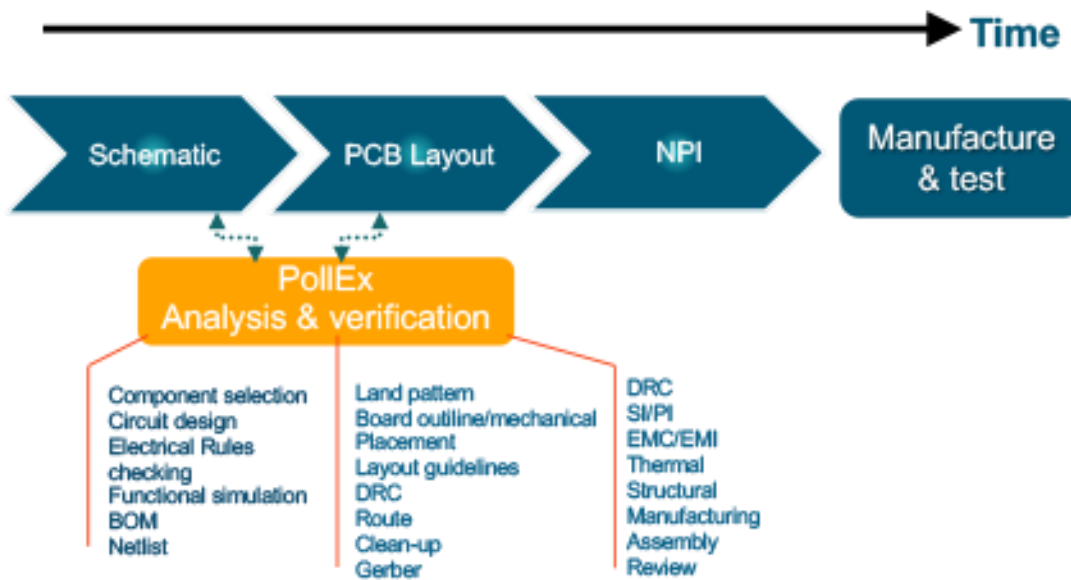
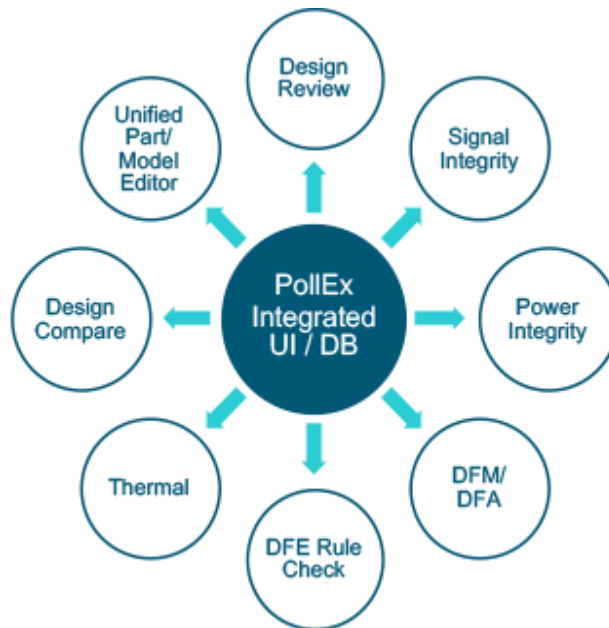


Figure 2—Simulation Driven Design Shortens Time to Market While Improving Reliability, Reducing Costs, and Managing Risks

Within the electronic design disciplines, Altair's PollEx Unified User Interface encourages collaboration when examining performance from different points of view—signal integrity, board hot spots, layout for manufacturing efficiency, and more. Figure 3 shows the activities which are moving to the left, earlier in development process with analysis leading the design. A consistent user experience encourages discipline specialists to interact virtually and improve electronic designs before prototype samples are manufactured. PollEx provides this Unified User Experience for PCB design review, verification, analysis, and manufacturing. The PollEx Unified User Interface is integrated with the EDA database that contains design, simulation, manufacturing planning, and various rules based on technologies and past mass production experiences (DFM/DFA). Samsung SDI has used the PollEx suite for designs of their

# CIMdata PLM Industry Summary

consumer products which contain densely packed PCBs, annually saving US\$6 Million.[\[3\]](#)



*Figure 3—PollEx Integrated User Interface and Database*

A 2019 CIMdata commentary summarized Altair’s view and evolution of the AI Promise when Physical Data Collection and Models are continuously combined.[\[4\]](#) CIMdata expects the same benefits will be seen as PollEx becomes more integrated into the Altair family of solutions. Altair’s clear definition of Digital Twin—a math-based representation of a product throughout its life will improve electronics reliability, manufacturability, and service/upgrades.

In the age of IoT and Industry 4.0 where data is collected continuously from products in service, the digital twin simulation models can continuously be refined to accurately predict the ongoing performance of a product. With PollEx, Altair now has a bigger footprint in the design and manufacture of PCBs needed for IoT sensing and Edge computing.[\[5\]](#)

## Altair’s Electronic System Design Solution Suite

In fact, Altair ESD covers more than just PCB design and manufacturing. Figure 4 shows the breadth of their solutions including electrical signals in the air (i.e. radios), mechanical enclosures, heat transfer, actuators/sensors/PCB and embedded software, circuit design, and electronic manufacturing planning. All these take advantage of Altair’s efficient HPC management when executing simulations as well as cloud-based machine learning from assorted field data. Improvements in manufacturing are realized as analytics bring insights from all those IoT measurements.[\[6\]](#)

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Figure 4—Altair Solution for Electronic System Design—All Disciplines

## Conclusion

Altair understands and fosters the importance of systems simulation driven design and manufacturing. Altair has always had a system of systems mindset which now includes electronics, electrical, radio coverage, and beyond. Altair is building on their successful journey with mechanical and mass production models (multi-physics, layout/flow). Altair’s CAE track record with their focus on data collection will continue to improve their position to maintain models throughout a product’s life.

Sensor miniaturization sets the stage for even more measurements accelerating data collection leading to improving AI/ML applied to product evolution—something Altair has focused on in recent years for mechanical engineering. Key in this development is the ability to share insights and views across disciplines. Decisions made together from different views makes models more meaningful and more timely. These are the models which enable timely, earlier decisions. Such models can be used after a product is in the field to consider field upgrades—potentially leading to new revenue streams.

CIMdata expects to see more from Altair as the simulation and data analytics capabilities expand to include decision making across the entire product lifecycle, both earlier and later. Altair’s, combining Electronic System Design solution with their proven multi-physics simulation solutions, being continuously improved by AI/ML, has now positioned itself with tools and techniques to model, simulate, and analyze products and their connection with smart IoT devices and services—be they robots, cars, or home appliances and gadgets.

[1] Research for this commentary was partially supported by Altair.

[2] <https://www.cimdata.com/en/resources/complimentary-reports-research/commentaries/item/12998-altair-continues-to-expand-solution-portfolio-for-simulation-and-analysis-of-mechatronics-systems-commentary>

[3] See Altair, Improving PCB Development: <https://www.altair.com/customer-story/samsung-improving-pcb-development>

[4] <https://www.cimdata.com/en/resources/complimentary-reports-research/commentaries/item/12998-altair-continues-to-expand-solution-portfolio-for-simulation-and-analysis-of-mechatronics-systems-commentary>

[5] [https://en.wikipedia.org/wiki/Edge\\_computing](https://en.wikipedia.org/wiki/Edge_computing)

[6] See Altair, Manufacturing Analytics: <https://www.altair.com/manufacturing-analytics/>

## Acquisitions

### ***Autodesk Confirms Proposal to Acquire Electronic Design Software Leader Altium Limited***

6 June 2021

Autodesk, Inc. confirmed that it has submitted a non-binding proposal to acquire all the outstanding shares of common stock of Altium Limited for AUD\$38.50, to be implemented by way of a scheme of arrangement.

Altium is a global software company headquartered in San Diego, California and publicly traded on the Australian Securities Exchange. The company develops software used by printed circuit board (PCB) designers and electrical engineers at organizations around the world to deliver connected, intelligent products.

The proposed combination would advance Autodesk's strategy to converge design and make through a unified design, engineering and manufacturing cloud platform that enables greater productivity and sustainability for its customers. Autodesk believes Altium's solutions would be complementary to its portfolio, creating unique opportunities for customers while delivering significant, certain and immediate value to Altium's shareholders. The proposal represents a 41.5% premium over Altium's closing price of AUD\$27.21 on June 4, 2021, one business day prior to the announcement by Altium of Autodesk's proposal and a premium of over 47.4% to the one-month volume-weighted average price. Autodesk intends to finance the transaction using cash on hand and debt financing.

The proposal is indicative, non-binding and subject to a number of conditions including, but not limited to, satisfactory completion of due diligence, unanimous recommendation in favor of the transaction by the Altium board, agreement between Autodesk and Altium and execution of a scheme implementation agreement incorporating customary terms and conditions for a transaction of this nature, Altium shareholder and court approval, receipt of all applicable regulatory approvals and no material adverse change to Altium.

There is no certainty that any transaction will ultimately be agreed to or as to the terms on which such a transaction, if any, might occur. Autodesk does not intend to make any additional comments on this matter unless and until it believes it is appropriate to do so or a definitive agreement has been reached.

### ***FARO Expands Digital Twin Product Suite - Acquires HoloBuilder, Inc.***

7 June 2021

FARO® Technologies, Inc., a global leader of 3D measurement, imaging, and realization solutions for the 3D Metrology, AEC (Architecture, Engineering & Construction), and Public Safety Analytics markets, announced the acquisition of HoloBuilder, Inc.

HoloBuilder brings to FARO its leading photogrammetry-based 3D platform, which delivers hardware agnostic image capture, registration and viewing to the fast-growing Digital Twin market. With an initial focus on Construction Management, HoloBuilder's technology platform provides general contractors a solution to efficiently capture and virtually manage construction progress using off-the-shelf 360° cameras.

HoloBuilder's SaaS platform will add fast and easy reality-capture photo documentation and added remote access capability to FARO's highly-accurate 3D point cloud-based laser scanning to create the industry's first end-to-end Digital Twin solution—all without leaving the FARO ecosystem. The

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combined solution will provide comprehensive scanning and image management capabilities for the Digital Twin market including robotic assembly 3D simulation, construction management, facilities operations and management, and incident pre-planning.

"The high-value that digitalization brings to the AEC and Operations & Maintenance (O&M) industries creates significant market opportunity for FARO," stated Michael Burger, FARO President and CEO. "The addition of HoloBuilder to our offering accelerates the reality of a true end-to-end Digital Twin solution and advances our strategic objective of increased recurring revenue through market share gains in this large and growing segment."

"HoloBuilder and FARO together furthers our vision of digitizing the physical world to enable process automation and workflow optimization," added Mostafa Akbari-Hochberg, HoloBuilder President & Founder. "The powerful combination of high accuracy laser scanning with real-time 360° photo capture and collaboration will empower both Company's customer bases with a comprehensive Digital Twin solution."

Under terms of the agreement, HoloBuilder shareholders received a cash payment of \$34 million. As of April 30, 2021, HoloBuilder had \$4.0 million in annual recurring revenue with a compounded annual growth rate of nearly 75% since 2019. The transaction closed on June 4 and was funded with available cash reserves. Alantra acted as exclusive financial adviser to HoloBuilder.

## ***IFS Completes The Acquisition Of Global Enterprise Service Management Provider Axios Systems***

10 June 2021

IFS, the global cloud enterprise applications company, announces that it has concluded the acquisition of Axios Systems.

The transaction, which was initially announced in March 2021, combines two pioneers of the service management space: IFS, with its leadership in Field Service Management and Axios Systems, with its strength in IT Service Management (ITSM) and IT Operations Management (ITOM). The combined IFS Enterprise Service Management proposition is unique in how it enables companies to orchestrate their value chain and optimize their workflows so they can not only deliver amazing moments of service to their customers, but also so they can maximize revenue creation opportunities and increase profitability.

Since the acquisition was announced, IFS is proud to have attracted many of the best leaders from the sector to bolster the already growing team at Axios Systems. Now under the framework of a dedicated Business Unit within IFS, the team are focused on delivering new product innovation, increased investment in customer experience, and a more focused, industry-led, go-to-market.

Martin Schirmer, President of the Enterprise Service Management Business Unit, commented, "Over the past two months I have met with many employees, customers and partners who I would like to thank for their openness and enthusiasm for what lies ahead. It's clear to me that we have acquired a company with many assets and strengths, in a market that is evolving and in need for further disruption. With the investment we are committing as well as our customer-centric approach, I am confident that our current customer base will benefit, which will in turn help attract new customers, and we will further extend IFS's dominance in the overall service management space."

## ***Siemens acquires proFPGA product family from PRO DESIGN to expand industry-leading IC verification portfolio***

8 June 2021

Building on the recent announcement of its next-generation Veloce™ hardware-assisted verification system for integrated circuits (ICs), Siemens Digital Industries Software has signed an agreement with Germany-based PRO DESIGN Electronic GmbH to acquire its proFPGA product family of Field Programmable Gate Array (FPGA) desktop prototyping technologies. The proFPGA product line has a track record of enabling more than 100 customers to 'shift left' in their critical hardware and software verification tasks, enabling faster time-to-market.

Through a prior OEM relationship with PRO DESIGN, proFPGA technology is already part of Siemens' Xcelerator™ portfolio as part of its world-class suite of electronic design automation (EDA) IC verification offerings. Bringing the proFPGA technology and team in-house can allow Siemens to more fully integrate and optimize the scalable, high-performance prototyping platform for lab and desktop environments into its Veloce hardware-assisted verification system.

“Our acquisition of the proFPGA business is motivated by our growing success serving the needs of the world's leading processor and SoC creators, who demand a full suite of verification solutions tailored to their use-cases, from IP to sub-system to SoC,” said Ravi Subramanian, Ph.D., senior vice president, IC Verification, Siemens Digital Industries Software. “The addition of proFPGA for desktop prototyping rounds out our Veloce Primo enterprise prototyping and Veloce Strato+ emulation solutions. We can address the full spectrum of our customers' need to have fast verification cycles available under a single, unified software programming model.”

PRO DESIGN will continue to operate as an independent company and a provider of electronic engineering and manufacturing services (E<sup>2</sup>MS), offering consulting, development, layout and prototyping as well as volume production services. The company's main emphasis remains on providing its customers with FPGA-based solutions and PCIe boards for high-performance computing applications, targeting a variety of end-markets.

“With over 1,900 systems across 120 active customers in 15 countries, proFPGA technology provides a strong position for Siemens to continue to rapidly gain market share in the prototyping market segment, capitalizing on the growing use of prototyping across datacenter, 5G, artificial intelligence, automotive and internet of things (IoT) applications,” said Gunnar Scholl, director of proFPGA Solutions, Siemens Digital Industries Software. “This transaction allows PRO DESIGN to remain focused on continuing to invest in and serve its E<sup>2</sup>MS business customers to the fullest extent, while allowing the proFPGA product family to grow in line with the expanded presence that Siemens has in the EDA market.”

Siemens' acquisition of PRO DESIGN's proFPGA product family has closed. Terms of the transaction are not disclosed.

## ***Synopsys Acquires Code Dx to Extend Application Security Portfolio***

8 June 2021

Synopsys, Inc. announced that it has acquired Code Dx, a provider of an award-winning application security risk management solution that automates and accelerates the discovery, prioritization, and remediation of software vulnerabilities. The addition of Code Dx enables Synopsys to offer customers consolidated risk reporting and prioritization across correlated software vulnerability data produced by Synopsys solutions and more than 75 third-party and open source application security and development

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products. Headquartered in Northport, New York, the acquisition also adds a team of R&D engineers experienced in vulnerability correlation and integrating security testing activity across the entire software development pipeline.

The terms of the deal, which are not material to Synopsys' financials, are not being disclosed.

Prior to the acquisition, Code Dx was a valued member of the Synopsys Technology Alliance Partner (TAP) program. As part of that partnership, Synopsys has worked closely with Code Dx to support their integrations within the Synopsys product portfolio. As a result, customers can use Code Dx's offering in conjunction with Synopsys products immediately.

Synopsys provides the broadest portfolio of application security solutions in the industry, including static, dynamic, and interactive application security testing and software composition analysis. The recently introduced Synopsys Intelligent Orchestration solution uses innovative technology to automatically determine and initiate the most appropriate security tests using Synopsys and third-party products based on pre-defined risk policies and changes made to an application. Code Dx complements and extends these solutions by aggregating and correlating security testing results from Synopsys products, third-party products, and open-source products across the pipeline to provide consolidated risk reporting and facilitate prioritized remediation efforts.

"The complexity and speed of modern software development requires the use of multiple security testing technologies and rapid testing cycles," said Jason Schmitt, general manager of the Synopsys Software Integrity Group. "While robust security testing is vital to securing modern software, it often produces large amounts of vulnerability data that is difficult to manage at speed and at scale. Code Dx enables our customers to optimize and harness the breadth of our application security portfolio, along with third-party tools, by aggregating, correlating, and prioritizing security testing results based on risk."

The addition of Code Dx makes Synopsys the first vendor to provide the full spectrum of application security tools and services, including:

- A complete suite of industry-leading security testing tools
- An intelligent orchestration engine that automatically determines and initiates the appropriate tests for each step in the DevOps workflow
- An aggregation, correlation, and prioritization solution for the vulnerabilities identified during testing
- Consolidated application security risk reporting across any commercial and open-source application security solutions
- Consulting and managed services to align people, process, and technology and address application security risks holistically

The extensibility of Synopsys Intelligent Orchestration and Code Dx enables organizations to build more efficient and effective testing programs while leveraging their current investments in application security testing tools.

## Company News

### ***Autodesk Expands Access to Generative Design with Restructured Pricing***

7 June 2021

In a new blog post Autodesk's Stephen Hooper discusses the use of Generative Design, an Artificial Intelligence powered tool, and how Autodesk is restructuring its pricing models. [Read more about the subscription model vs the per-project model on the Autodesk Blog.](#)

### ***DXC Technology Welcomes Brenda Tsai as Chief Marketing and Communications Officer***

10 June 2021

DXC Technology, a leading technology services company announced that it has appointed Brenda Tsai as Executive Vice President and Chief Marketing and Communications Officer. Tsai will report to DXC President and Chief Executive Officer Mike Salvino. Tsai will be responsible for leading all areas of the DXC global marketing and communications function.

"Brenda is a strategic, result-oriented leader who brings deep marketing experience to DXC," Salvino said. "She's an outstanding addition to our leadership team and will play an integral role in helping to drive DXC's continued transformation and next level of growth."

"I'm thrilled to join DXC and this accomplished team," Tsai said. "DXC is in a great position to grow and win in the market and I see the great opportunities and possibilities ahead for further amplifying DXC's story."

Tsai has had over 26 years of experience helping complex, global blue-chip companies transform and drive business growth through purpose-driven brand building, data analytics, digital and demand generation. She has worked on a global scale across a range of sectors, including financial services, technology, and manufacturing. Prior to joining DXC, Tsai has held senior roles in top-tier companies, including BNY Mellon, GE and P&G. Tsai holds a BA from Stanford University and an MBA and MA from The University of Pennsylvania.

### ***Future4care, the European healthcare startup accelerator launches in Paris***

10 June 2021

Sanofi, Capgemini, Generali and Orange announced the creation of a joint venture to launch "Future4care", Europe's only health-focused startup accelerator program. The objective is to stimulate the development of e-health solutions and their go-to-market, for the benefit of both patients and health professionals.

Healthcare providers together with researchers and academics, who drive the success of digital health projects, will be fully integrated into this initiative including hospitals, healthcare institutions, higher education institutions, universities, and patient associations.

The startup selection process is based on two routes: either applications in response to a specific call for projects or a spontaneous application. The first call for projects will be launched in September 2021 around two themes: virtual care using digital tools and personalised care (from diagnosis to treatment).

Future4care is a unique open-innovation ecosystem in Europe. It is both a startup accelerator and an Institute providing content on digital health and delivering reference certifications. The Institute is a

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genuine knowledge centre offering conference programs, conducting constant monitoring of new technologies and their use and connecting members of its community with external experts.

Moreover, from December 2021, Future4care's startups and partners will have access to a space of nearly 6,400 square metre space, located in the heart of Paris. This highly attractive building, which combines work, meeting, reception and networking areas, will bring together a global industry open to national and international partnerships. By housing each startup's employees, the Future4care BioPark aims to become the European hub that encapsulates progress in digital health.

Startups choosing to join Future4care, benefit from personalised support through a series of thematic Labs:

- Creative Lab ;
- Medical / Regulatory Lab ;
- Business & Ethics Lab ;
- Data & AI Lab ;
- Living Lab.

Through this journey and the collaboration with partners, each startup will have the capacity to design, test, validate and launch solutions that are both concrete and innovative.

Finally, the entire Future4care offer will also be available online, via a digital exchange platform, allowing it to attract European entrepreneurs.

As access to data is essential for digital health, the founding members will work together to provide startups with data relevant for their development, in compliance with the applicable ethical and legal framework.

Ultimately, the Future4care accelerator aims to bring together a wide ecosystem of diverse contributors including:

- the four founding members ;
- fifteen corporate partners ;
- one hundred French and European startups;
- health, technology and insurance players;
- public and private hospitals;
- patient associations;
- regulators ;
- schools and higher education institutions.

*« New technologies and data have become essential to innovation in healthcare. France, and more broadly Europe, have the assets needed to develop the e-health solutions of tomorrow. We are convinced that combining the resources of large companies with the agility of startups will lead to the emergence of digital solutions that will create value for patients and to the healthcare ecosystem as a whole »* said Philippe Peyre, Future4care's Chairman.

Agnès De Leersnyder, CEO Future4care, added:

*« Future4care is a unique opportunity for startups and, more generally, for all healthcare players to join forces to build the digital health of tomorrow. The support we provide to startups is designed to give talented growth companies the means to successfully plan their go to market and to offer concrete*

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*solutions that improve both the patient's life and the healthcare system. While we will provide all of our services on our digital platform, we will also open a place of work and collaboration in the heart of the BioPark in the centre of Paris.*

*I really look forward to seeing the community grow, with its mix of startups, corporates, scientific experts, academics, patient associations, hospitals and healthcare institutions. All together, they will create "made in Future4care" solutions for patients and healthcare professionals".*

Agnès Pannier-Runacher, French Minister Delegate for Industry, declared:

*« I welcome the creation of Future4care, which is in line with the government's priorities to make France a leader in digital health. Indeed, digital innovation is at the heart of our priorities to improve patient care and find more effective therapeutic solutions. ».*

## ***IMAGINiT Earns Autodesk Services Accelerator Accreditations***

8 June 2021

Recognized by Autodesk and thousands of customers for their design engineering expertise in the building and architecture, construction, civil and manufacturing sectors, IMAGINiT Technologies has earned multiple Autodesk Services Accelerator Accreditations. These accreditations recognize Autodesk partners for their skills in customer success and service delivery in highly specialized areas of focus. IMAGINiT has completed the requirements to be rewarded with forty-one Accelerator Accreditations thus far.

“Earning these Accreditations along with continuing praise from our customers is a testimony to how our team never settles when helping customers tackle their toughest challenges to improve their operations through people, processes and technologies,” says Scott Hale, vice president of consulting solutions at IMAGINiT Technologies. “Although these Accreditations are new, our team across the US and Canada have mastered the delivery of these services with proven processes gleaned from thousands of successful customer implementations.”

As an Autodesk Platinum Partner, customers receive the highest level of solution and industry expertise, service, support, and customer satisfaction when they choose to work with IMAGINiT. IMAGINiT has demonstrated expertise, experience and an investment in services delivery capabilities resulting in the achievement of forty-one Autodesk Services Accelerator Accreditations in the following categories:

- BIM 360 Build Starter Pack
- BIM 360 Design Starter Pack
- BIM 360 Docs Starter Pack
- Civil 3D Starter Pack
- Infracore Starter Pack
- FeatureCAM Starter Pack
- PowerMill Starter Pack
- Generative Design Starter Pack
- Vault Starter Pack
- Revit Project Health Check
- Inventor HSM Starter Pack
- Inventor Health Check

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- Inventor iLogic Starter Pack

“The Autodesk Services Marketplace offers customers a single location to connect with Autodesk partners who have proven themselves through robust product and industry training as well as successes from real-life customer implementations,” says Lucas Ruiz, partner success manager, Autodesk. “It’s no accident that IMAGINiT has earned so many Accreditations and received so many positive customer ratings. Aligned with Autodesk’s goal of helping every customer succeed, IMAGINiT has repeatedly proven themselves as a partner who delivers on their customer commitments.”

IMAGINiT continues to drive customer innovation through additional service offerings such as data management, PLM, reality capture, real-time visualization and process automation. Whether your company needs to increase revenue, reduce operating costs, or improve efficiency, IMAGINiT can help. To learn more, connect with an IMAGINiT expert today by calling 1-800-356-9050.

## ***Infor Japan Announces Partner Award Winners at Annual Partner Forum***

9 June 2021

Infor Japan K.K., the Japanese subsidiary of Infor, the industry cloud company, announced the winners of Infor Partner Awards, which were presented at the Infor Partner Forum 2021 virtual event recently. The awards recognized Infor’s most successful partners and go-live projects in terms of sales and adoption of Infor products during 2020. In determining the winners, partners were evaluated on criteria such as outstanding sales of Infor’s industry-specific cloud ERP and other solutions, project implementation, and delivery of value-added services to customers.

### **■ Winners and their projects**

#### **Best License Sales Partner: KYOCERA Communication Systems Co. Ltd.**

KCCS achieved the greatest number of orders for new and additional licenses for Infor CloudSuite Industrial (CSI) from May–Dec 2020. It has also achieved Gold Partner status for the sixth consecutive year.

#### **Best SaaS Win: Nihon Software Kaisha Ltd.**

NSK received an order for Infor CloudSuite Industrial (CSI) from Akita Seiko Co., Ltd. Even without receiving a request for proposal (RFP), NSK put together a list of requirements and demonstrated the solution mainly remotely, which led to an order after gaining the understanding of everyone from the final decision makers to the actual users.

#### **Best Go-Live Partner (Infor LN): KYOCERA Communication Systems Co. Ltd.**

Customer: Sumitomo Heavy Industries Construction Cranes Co. Ltd.

Building a strong and trusting relationship with the customer, KCCS contributed towards the Infor LN go-live, both on budget and on time.

#### **Best Go-Live Partner (Infor WMS): infoSense Corporation**

Customer: Atena Corporation

After using a previous version of the solution, the customer chose the latest version of Infor WMS again through a new competitive review process. Going live with a customer-driven knowledge-based system, infoSense also helped expand the scope of business operations for the customer.

#### **Best Go-Live Partner (Infor SyteLine): TV Shizuoka System Creates Corporation and KISC Co. Ltd.**

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Customer: TECDIA Co. Ltd.

With the popularity of its concept-planning service among customers, KISC was able to collaborate with TV Shizuoka System Creates during the pandemic to lead the customer through a complete rollout of Infor CloudSuite Industrial to multiple sites around the world.

**Achievement Award: TECHNO HORIZON Co. Ltd.** (Elmo Co. Ltd, Management Systems Division)

Consistently driving the adoption of Infor LN from the late 1990s to the present, TECHNO HORIZON has cooperated with Infor and other partners on many projects, with this award recognizing its commitment to multiple successful implementations of the solution.

## ■ Comments from award-winning companies

**Manabu Tainaka, general manager of ERP Solution Department, ERP Solution Division, KYOCERA Communication Systems Co. Ltd.**

“We are honored to be recognized with two prestigious awards, Best Licensed Sales Partner and Best Go-Live Partner. We will continue our efforts to make more manufacturing customers aware of the appeal and strength of Infor solutions, and to make everyone involved in the implementation project happy.”

Kazutoshi Miyazawa, Infor account manager, Management Systems Division, Elmo Co. Ltd., TECHNO HORIZON Co. Ltd.

“We are honored to be recognized for our longstanding commitment to the Infor business. Our involvement started some 30 years ago, before ERP penetrated the Japanese market. Of course, we could not have gotten this far without the cooperation and support of our customers, partners, and everyone at Infor. Going forward, we will continue leveraging our skills and know-how as we contribute to everyone’s success.”

## ■ Comment from Infor Japan

Shinya Miura, president, Infor Japan K.K.

“Even in challenging times, our business in Japan, in particular our cloud ERP business, has experienced strong growth thanks to the commitment and superior service capabilities of our partners. At Infor, we will continue to strengthen our partner ecosystem to facilitate the digital transformation of Japanese companies through Infor’s innovative industry-specific cloud solutions.”

## *iPoint supports cycling tour to raise awareness of modern slavery*

3 June 2021

Slavery is not a thing of the past, but all around us: More than 40 million men, women, and children in every region of the world remain victims of modern slavery.<sup>1</sup> Within Europe’s football industry alone, there are an estimated 15,000 human trafficking victims each year,<sup>2</sup> many of which are youths.

With the aim to shine a light on modern slavery and specifically child trafficking in sport, human rights advocate and cycling Guinness World Record holder Gordon Miller will lead an inspirational bike ride, the “Ride For Freedom – Premier League & Euro 2020 Cycling Tour”. Taking place from June 27-July 11, 2021, during the Euro 2020 tournament, the tour departs and concludes at Wembley Stadium – the Euro 2020 final venue – and visits the grounds of all 20 English Premier League football clubs. Simultaneously, cyclists, sponsors, and fans across Europe will support the tour at several Euro 2020 tournament host cities, starting in Munich, Germany – with a live link to iPoint’s CEO Joerg Walden and other iPoint staff.

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iPoint is very excited to support this cycling tour as German Country Sponsor. The very mission of the tour – utilizing the universal appeal and power of cycling to deliver positive social impacts and specifically to raise awareness, educate, and forge partnerships to end modern slavery – aligns with several of the Sustainable Development Goals (SDGs), a framework iPoint is committed to promoting and advancing as a solutions provider, employer, corporate citizen, and signatory of UN Global Compact to accelerate the transition towards a sustainable future:

- SDG 8 (decent work and economic growth): Target 8.7 of the SDGs specifically calls to “Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking (by 2030) and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms.” Given the risk to corporations, in particular within certain sectors, of forced labor in their supply chains, and the genuine concern many private sector actors have about such realities in their supply chains, iPoint commissioned an independent consultant to develop the electronic Labor Rights Template (eLRT), a free, open-access Excel-based data exchange standard designed to support companies in their compliance with global human trafficking and modern-day slavery legislation, which is now also available via the iPoint SustainHub.
- SDGs 3 (good health and well-being) and 13 (climate action): Cycling ensures healthy lives and promotes well-being for all. According to a recently published study by researchers at the University of Oxford and others, people who cycle on a daily basis have 84% lower carbon emissions from all their daily travel than those who don’t. And they also stay healthier. The „Ride For Freedom – Premier League & Euro 2020 Cycling Tour“ also showcases cycling as an important form of sustainable transportation to protect the climate. We regularly encourage iPoint’s staff to travel ‘actively’ and sustainably by walking or cycling to work. Apart from that, our solution “iPoint Compliance” supports companies in creating transparency about materials used in their products so that they can avoid hazardous materials dangerous to humans and the environment. And our solution „iPoint Product Sustainability” enables companies to calculate the carbon footprint of their products and derive measures to reduce their climate impact.
- SDG 17 (partnerships for the goals): Developed and delivered in partnership with the Centre for International Studies and Diplomacy (CISD) SOAS University of London and Ardea International, engaging with the Premier League clubs, local sport and cycling clubs, corporates, NGOs, and sports bodies to educate and raise awareness within the communities, and connected with stakeholders like iPoint to spread the message across Europe, the “Ride For Freedom – Premier League & Euro 2020 Cycling Tour“ utilizes a strong partner network to achieve its mission. Similarly, iPoint relies on a strong ecosystem of 70,000 users around the globe which has grown steadily over the past 20 years and is an important factor for our success. Working hand in hand with clients, partners, industry associations, international research institutes and other stakeholders is a prerequisite to develop our industry-leading solutions for product compliance and sustainability. SDG 17, Partnership for the Goals, is crucial to deliver the SDGs by 2030, underlining that the SDGs are a team effort. We’re in this together, and the SDGs can only be realized with strong global partnerships and cooperation!

## ***Jean Marie Canan joins Lectra’s Board of Directors***

3 June 2021

**Lectra’s Shareholders’ Meeting held on June 1 appointed Jean Marie (“John”) Canan as a new Director, for a period of four years. Jean Marie Canan becomes a member of Lectra’s Audit**

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## **Committee, Compensation Committee and Strategic Committee.**

This appointment follows the agreement reached for the acquisition by Lectra of Gerber Technology, of which American Industrial Partners (AIP) was the sole shareholder.

A major global player in the fashion, automotive and furniture industries, Lectra designs smart industrial solutions – software, equipment, data and services – for brands, manufacturers and retailers.

Daniel Harari, Chairman and Chief Executive Officer of Lectra said *“We are delighted to welcome Jean Marie Canan to Lectra’s Board of Directors. The Group will benefit from his extensive experience in finance, mergers and acquisitions, and post-acquisition integration.”*

The appointment of Jean Marie Canan as Director, after that of Céline Abecassis-Moedas on April 30, will notably strengthen Lectra’s Strategic Committee, at a time when Lectra will be developing new offers for Industry 4.0 and examining an increasing number of investment projects in innovative companies.

Jean Marie Canan will also draw on his vast international experience as an Administrator and Director, particularly with listed companies.

A Canadian national, at 64, Jean Marie Canan is currently Lead Independent Director and Chairman of the Audit Committee of REV Group, an American company listed on the NYSE; Director and Chairman of the Audit Committee of Acasti Pharma, a Canadian company listed on the NASDAQ and Director of the Angkor Hospital for Children, a leading non-profit pediatric hospital in Cambodia.

Jean Marie Canan began his career at PricewaterhouseCoopers (PwC) in 1978, starting in their Montreal office, and then two years in their Hong Kong office. From 1990 to 2014, he held many ever-increasing positions of responsibility at Merck & Co, Inc. (“Merck”). These included senior roles in finance, strategy development, business development and operations. He was part of a small team that led the acquisition of Schering-Plough by Merck. He also provided operational oversight for most of the Merck group’s joint ventures, including DuPont-Merck, Johnson and Johnson-Merck, Astra-Merck, and Schering-Plough-Merck. Merck’s Executive Committee selected Jean Marie as one of the five senior leaders charged with defining Merck’s new strategy in 2006.

Jean Marie Canan graduated from McGill University in Montreal, Canada and is a Canadian Certified Public Accountant (CPA).

## ***ModuleWorks and CADS Additive partner to offer improved Time2Print***

4 June 2021

CADS Additive, manufacturer of high-performance data preparation software for metallic additive processes, is integrating ModuleWorks toolpath calculation algorithms into its AM Studio solution to achieve fast time-to-print for an extended range of additive processes.

AM Studio speeds up data preparation for additive manufacturing by helping operators identify the optimal part orientation, the correct support geometry and the optimal process parameters for each job. The feature set is complemented by a proprietary slicing and hatching kernel with outstanding performance for Selective Laser Melting applications. To extend automated job preparation to a wider range of additive processes, CADS Additive is integrating ModuleWorks toolpath calculation software into AM Studio.

The ModuleWorks calculation core automatically generates high-performance, collision-free toolpaths for 5-axis and 3+2-axis 3D printing, including robotic and hybrid applications. The intelligent algorithms require minimum operator intervention, which complements and supports the AM Studio

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strategy of simplifying and accelerating the data preparation process. Amongst others, ModuleWorks toolpath components for Powder Bed Fusion are already integrated for OEM legacy applications and the two companies are extending their cooperation to enhance AM Studio with automated workflows for further additive and hybrid processes, including support for multi-axis FDM and WAAM processes.

“The rapid development of the additive market has revealed the need for dedicated specialists such as CADS Additive with expertise in the entire value chain”, says Lothar Glasmacher, Head of Additive & Process Technologies at ModuleWorks. “Partnering with CADS Additive enables resources to be pooled that help manufacturers develop, implement and automate their additive production processes.”

“ModuleWorks’ algorithms and years of experience in 5-axis toolpath generation are outstanding”, says Wolfgang Höller, CEO at CADS Additive. “Incorporating ModuleWorks technology enables our software products to extend the technology focus from Powder Bed Fusion to G-code based AM applications almost immediately.”

## ***Pharea Software becomes official BricsCAD distributor in France***

3 June 2021

Global technology company Bricsys announced PHAREA Software has joined the Bricsys reseller network to promote Bricsys 24/7 and the BricsCAD product range. The team behind Pharea Software, a part of Pharea Group, brings in-depth knowledge of the engineering and construction industry in France to its partnership with Bricsys.

*"We were interested in Bricsys' software to help us meet CAD requirements within our design offices,"* said Jérôme Bellon, President of the PHAREA group. *"We were seduced by the technological potential of Bricsys' solutions coupled with flexible and economical licensing."*

*"Since the integration of Bricsys into Hexagon, subsequent sustainability and development opportunities will enable Bricsys to become a major CAD software player in the global market. Investments in Artificial Intelligence in particular show promising signs for the future. French customers should benefit from Bricsys' solutions and PHAREA Software will be there to support them,"* said Bellon.

With the addition of BricsCAD to its solution portfolio, Pharea Software customers now have access to the latest CAD technologies and more than 400 industry specific third-party tools and workflows.

*"Pharea Software's decision to focus on the sale of our CAD solutions confirms the growing attractiveness of the Bricsys brand and our offering in France,"* said Jean-Denis Heymann, Country Manager France for Bricsys.

## ***PlanHub Announces the Opening of a New Office in Lehi, Utah***

9 June 2021

PlanHub®, a leading preconstruction bidding software as a service (SaaS) company for general contractors, subcontractors, and suppliers, announces the opening of a new office in Lehi, Utah.

This is the first PlanHub office located outside of the state of Florida and is a pivotal part of its plans to continue to rapidly expand the PlanHub network of users nationwide. The 23,500 square foot office is located in Lehi, at the heart of Utah's renowned "Silicon Slopes" tech corridor. PlanHub decided to open the office in Utah because it is a tech-friendly environment with an abundance of educated software talent.

“We are excited about growing into our new office in Utah,” said Kevin Priddy, PlanHub Founder and CEO. “It’s already helped us attract top-level employees with SaaS experience and will help us better

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serve our users across the country.”

PlanHub is the fastest-growing provider of cloud-based construction bid management software and will use this new office expansion to further support its aggressive growth strategies. The space enables PlanHub to more than double their current staff level and allows them to significantly enhance the sales, service, and support experience for new and existing customers.

“Having this office open in Utah helps us keep up with our aggressive growth and resource needs,” said Cameron Darby, PlanHub Chief Growth Officer. “We’re hiring top talent from the area and look forward to filling the office with great new teams to further build and support our base of construction customers.”

The PlanHub Utah office is located on the fourth floor of the Traverse Ridge Center Building, 3451 N. Triumph Boulevard, Lehi, Utah 84043. The space includes offices, flexible workstations, interactive meeting rooms, and a large state-of-the-art training room. The lease was facilitated by Mitch Lundquist of Jones Lang LaSalle IP, Inc., commercial broker for PlanHub, Inc.

## ***PROCAD Partner OmniDTS To Drop Name For Parent Company Sconce’s Branding***

9 June 2021

One year after Sconce Inc founded its PRO.FILE reseller and services company, OmniDTS has announced it will adopt the Sconce name and branding.

Sconce launched OmniDTS in May 2020, and it has quickly grown to become North America’s premier North American partner for PROCAD’s PRO.FILE and Epicor PLM products. Additionally, OmniDTS provides a complete set of digital transformation consulting services. While OmniDTS is primarily focused on growth in the North American marketplace, they also have a worldwide reach to support their global clients.

The name change streamlines the company’s market presence and unifies its software sales, support, and consulting services as one entity.

“We have operated as one company and team since the inception of OmniDTS and this rebrand serves to align the company’s corporate image with our operating strategy,” said Brian Bezdek, Managing Partner. “Our customers can continue to rely on the same leadership, staff, and expertise they’ve come to trust.”

Founded in 2001, Sconce is a leading global digital transformation solution provider and is a trusted long-time business partner of PTC and has a global footprint across seven countries. They provide turnkey consulting and project implementation services for manufacturing companies using leading PLM/MCAD software in the market. Sconce provides PLM, MCAD, advisory, and engineering consulting services to worldwide businesses of all sizes, including many Fortune 500/1000 companies.

The branding change will be effective June 1. OmniDTS’s customers, vendors, and other business contacts will begin to see communication from Sconce and the sconce.com email domain at that time. Visitors are encouraged to visit <https://www.sconce.com> and Sconce’s social media account for the most current information about PRO.FILE and Epicor PLM software solutions, support, company news, and events.

## ***Razorleaf Corporation Launches Strategic Partnership with Eggplant, part of Keysight Technologies***

8 June 2021

Razorleaf Corporation, a leading PLM consulting and systems integrator, announced a strategic partnership with Eggplant, part of Keysight Technologies, to resell and deliver high-quality test-automation solutions. Eggplant's industry-leading software platform uses artificial intelligence (AI) and analytics to automate test creation and execution.

Razorleaf will provide manufacturers with testing-automation strategy around PLM systems, installation, training, and support to address quality issues and ensure continuous integration and continuous delivery (CI/CD). Eggplant's software can test any technology on any device, operating system, or browser at any layer, from the user interface (UI) to application programming interfaces (APIs) to the database. This automation allows for faster release without sacrificing quality. Clients can quickly perform functional and regression testing by optimizing software test creation, maintenance, and execution.

Razorleaf will help product and operations teams move from predominantly manual testing to automated quality assurance to minimize impact when executing PLM upgrades, customizations, and maintenance for enterprise applications. With ever-changing systems and personnel, test automation becomes critical for continuous improvement to deliver better quality and faster turnaround times. A testing strategy is an integral part of an organization's success to quickly test and validate the stability of its PLM system for any fixes, upgrades, or new releases.

"We are pleased that Razorleaf clients will now be able to benefit from the power of Eggplant products to enhance their testing initiatives," said Toby Marsden, VP Global Alliances, Keysight Technologies.

"Our products will boost productivity, improve efficiency, and enhance software stability and effectiveness. Eggplant and Razorleaf share a vision to accelerate product innovation and help manufacturers on their digital transformation journey."

"We are excited to announce the partnership with Eggplant to add testing automation to our portfolio," says Razorleaf CEO Eric Doubell. "This software will provide our clients with a significant advantage by quickly and easily automating the entire testing process for their product lifecycle management systems. Product engineering and operations teams can quickly deploy, modify and upgrade their systems, allowing them to realize the benefits of PLM sooner with less effort."

## ***Samtec Joins Altium's Nexar Partner Program***

3 June 2021

Altium, LLC, announces a strategic partnership with Samtec, a leading component manufacturer specializing in connectors, cables, fiber optics, RF interconnects and more. Samtec joins a growing list of partners, including Arduino, Microchip, Ultra Librarian, Arrow, and Diotec.

Nexar, a business unit of Altium, LLC, offers a partner platform designed to connect the rapidly growing community of Altium 365 PCB design users with the software, suppliers, and manufacturers needed to transform ideas into smart and connected products.

"As a Nexar supply chain partner, Samtec products will be promoted to an audience of over 6 million highly engaged electrical engineers, designers and purchasers worldwide," said Ted Pawela, Chief Ecosystem Officer at Altium. "Our partnership with Samtec extends their marketing reach, while also helping Altium 365 users by providing them with accurate and reliable product information within their

design environment.”

“Our mission at Samtec is to streamline the design process as much as possible. As digital transformation has occurred, anyone who shares that same mission is an ideal partner. The Nexar platform gives engineers a real “Wow—that was easy!” moment, and we’re happy to be a part of that,” said Daniel Williams, Digital Marketing Director at Samtec.

Being a Nexar partner also brings Samtec into a complete “design to realization” ecosystem, where they can gain a better understanding of how their parts are being utilized, including placement, potential inventory shortages, market trends, and forecasts.

## **Supply Chain Intelligence from the Electronics Industry’s Most Trusted Source**

Samtec has long been part of Altium’s Octopart community, as a preferred component vendor. While their products are highly visible, Samtec’s new status as a Nexar partner positions them before a much larger, more sought-after audience.

With a single open API and a number of embeddable experiences that can easily be added to any website or application, Nexar helps make partner applications and services the obvious choice for Altium and Octopart users.

Samtec’s website offers their users a first-class search experience and globally-available channel inventory, powered by the Nexar API. Nexar’s business intelligence provides Samtec with the market data needed to make informed marketing and manufacturing decisions.

“We’re widely known for our incredibly short lead times and superior web tools aimed at streamlining the search and design process. We’re committed to making our customers’ lives easier; integrating with Nexar was just a logical progression. We strive to be the easiest component company to do business with, so Nexar’s mission is aligned with our own,” adds Ashley Quinlan, Strategic Marketing Director at Samtec.

“When you deliver a best-in-class, seamless customer experience, it leaves a lasting impression with your customer. It exceeds their expectation for an online experience in our industry, much like what Amazon has done in the B2C space. Our partnership with Nexar is setting that same standard for the electronics design industry,” Williams adds.

## ***Wipro appoints Anup Purohit as Chief Information Officer***

11 June 2021

Wipro Limited, a leading global information technology, consulting and business process services company, today announced the appointment of Anup Purohit as Chief Information Officer.

Anup brings with him over 25 years of experience across Banking and Financial Services, centered around Innovation in Digital Banking, Financial Management, Business Solutions & Service Delivery, Portfolio & Program Management, Risk & Controls and Information Security.

In his most recent role as the CIO of Yes Bank, Anup was in charge of spearheading Business Technology Transformation and Digital Innovation strategy with a relentless focus on bringing future technology into the bank’s current technology stack.

Prior to that, Anup was associated with financial institutions such as RBL, Barclays and JPMC in leadership roles, where he was responsible for building agile, robust, scalable and resilient technology platforms and processes, IT Infrastructure Solutions and Service Delivery.

In his new role, as Chief Information Officer, Anup will report to Sanjeev Singh, Chief Operations

Officer.

“As enterprises reposition themselves and aggressively move towards digital technologies, the role of the CIO in driving transformation has become more significant and complex. I am pleased to welcome Anup and am confident his industry experience will add immense value to the team,” said **Sanjeev Singh, Chief Operations Officer, Wipro Limited.**

“I am excited with the opportunity of joining Wipro and playing a role in the transformation journey. I look forward to draw from my prior experience and knowledge, and endeavor to guide businesses as they move forward in the new digital world,” said **Anup Purohit.**

## Event News

### ***Coreform Cubit as a front-end for third-party geomechanics solvers: featuring Irazu***

4 June 2021

On Monday, July 19th at 9am MDT, Omid Mahabadi will show that Coreform Cubit is a powerful preprocessor for third-party solvers that is particularly applicable to geomechanics problems. In this webinar, Omid Mahabadi, President and CEO of Geomechanica Inc., will offer a demonstration of the use of Coreform Cubit to generate a mesh for geomechanics and show how it is used with Geomechanica’s Irazu software.

Numerical modelling of rock deformation and failure poses major challenges, including: presence of heterogeneities and discontinuities (joints, faults), non-linear stress-strain response, and confinement-dependent behaviour as well as generating high quality meshes, particularly, in the presence of discontinuities. In this lecture, a brief overview of the numerical methods commonly used in rock mechanics practice is provided, together with their strengths and shortcomings. To overcome the limitations of conventional numerical methods, the finite-discrete element method (FDEM), as implemented in Geomechanica’s Irazu software is introduced. A complete demo comprising of mesh generation with Coreform Cubit and model building and analysis with Irazu is provided. Finally, a number of practical case studies in surface and underground mining as well as civil engineering are presented. These applications demonstrate that large displacements and fracturing in discontinuous rock masses can be simulated in Irazu without using complex constitutive models.

Attend live to take advantage of interactive Q&A.

A recording will be available after the event for all registered users.

### ***Synopsys to Speak at Berenberg Thematic Software Days Conference***

9 June 2021

Synopsys, Inc. announced that Jason Schmitt, general manager, Software Integrity Group, will speak at the Berenberg Thematic Software Days Conference on June 17, 2021. This event will be broadcast live on the Internet via the Synopsys corporate website at <https://www.synopsys.com/company/investor-relations.html>, on Thursday, June 17, 2021, at 4:00 p.m. BST (8:00 a.m. PDT). The webcast replay of the presentation will be available at the Synopsys corporate website approximately one hour following the conclusion of the live event.

## ***The Future of Industries: T-Systems at SAPPHIRE NOW***

4 June 2021

All the information about T-Systems Data Migration Factory

Networking, automation, and migration: Industries have learned their lessons from the pandemic. Companies are now strengthening their own resilience. SAP software users are also asking themselves how they can future-proof their IT systems. Migrating data is becoming an important factor for success. In practice, however, heterogeneous SAP landscapes are hampering the transformation. Low capacities and possible downtimes exacerbate the situation. Using the T-Systems Data Migration Factory minimizes these risks. T-Systems will demonstrate this at SAPPHIRE NOW in the Industries track.

Experts will report from real-world projects

Drawing on its experience with over 600 SAP customers, T-Systems will report on proven strategies for the transformation at the online event on June 7. Companies will learn, for example, why an automated analysis of the SAP landscape provides greater transparency. The experts will also explain how companies can select the right cloud and securely orchestrate multi clouds. The goal is to accelerate digitalization with SAP solutions. T-Systems supports this with a combination of a selective approach to data migration and specialized services. In this way, the IT service provider transforms customers' SAP landscapes into a future-proof state.

As a certified service provider, an SAP partner with over 1,000 successful SAP projects a year, and a supporter of the RISE with SAP offering, T-Systems knows all the requirements. And customers also benefit from this. With T-Systems, they not only reduce their project costs, but also increase their innovative strength and speed to market.

T-Systems at SAPPHIRE NOW 2021: June 7-10, 2021

## **Financial News**

### ***Accenture to Host Conference Call Thursday, June 24, to Discuss Third-Quarter Fiscal Year 2021 Results***

**8 June 2021**

Accenture will host a conference call at 8:00 a.m. EDT on Thursday, June 24, to discuss its third-quarter fiscal year 2021 financial results. A news release containing these results will be issued before the call.

To participate, please dial +1 (877) 692-8955 [+1 (234) 720-6979 outside the United States, Puerto Rico and Canada] and enter access code 4728020 approximately 15 minutes before the scheduled start of the call. The conference call will also be accessible live on the Investor Relations section of the Accenture Web site at [www.accenture.com](http://www.accenture.com).

A replay of the conference call will be available online at [www.accenture.com](http://www.accenture.com) beginning at 11:00 a.m. EDT on Thursday, June 24, 2021. The replay will also be available via telephone by dialing +1 (866) 207-1041 [+1 (402) 970-0847 outside the United States, Puerto Rico and Canada] and entering access code 1334620 from 11:00 a.m. EDT Thursday, June 24 through Wednesday, Sept. 22, 2021.

## ***iBASEt Reports Record Software Revenue Growth, Profitability for Full Fiscal Year 2021***

**3 June 2021**

iBASEt, the company that simplifies how complex products are built and maintained, announced the completion of a successful fiscal 2021, as validated by strong software revenue and gross margin gains. Business growth was driven by new customer additions and a quick pivot to a remote business model, in response to the COVID-19 disruption. The company's focus on the growing demand to simplify the digital transformation of manufacturing, quality, and sustainment operations played a significant role in the success achieved over the past 12 months.

"I am very proud of the solid execution by our team in achieving strong growth during what has been an incredibly difficult and challenging time for our customers, the industry, and our employees," said Naveen Poonian, CEO at iBASEt. "Our strong financial performance and the strategy we have set in place is taking hold for continued investment and accelerated growth."

### **Product Innovation**

As a culmination of four years of R&D investment, iBASEt launched Solumina iSeries – the industry's first microservices-based, cloud-native Manufacturing Execution System (MES). In addition, Solumina MSE was launched as a cloud-based subscription offering for mid-sized enterprises. Solumina MSE can be deployed faster without customization to help overcome the resource and cost constraints typical of this market segment.

To better support and accelerate time-to-value and customer success, iBASEt University was launched as an on-demand and remote training program. A Center of Excellence customer and partner support program was established to scale innovation while supporting a larger customer and partner community. Customers and partners can now more readily stay current with the pace of innovation of the iSeries.

### **Customer Wins**

As a result of its investment in product innovation, iBASEt was recognized by Gartner as a Visionary in the 2021 Magic Quadrant for Manufacturing Execution Systems (MES). This acknowledgment coincided with successful customer additions, including several Aerospace and Defense manufacturers based out of Europe and the Nordic regions. AST & Science will leverage iBASEt's MES (Manufacturing Execution System) as a managed service (SaaS) to ramp up its satellite production. Seven significant "go-lives" occurred, including Lockheed Martin Skunk Works® where iBASEt's MES was implemented without customization in just eight months and is now being deployed across other Lockheed Martin sites.

### **Partner Engagement**

Several new partner agreements were established and reinforced during the past fiscal year as part of the company's strategy shift that places more focus and attention on this important distribution channel. Combitech recently became a new partner, helping the company to expand its presence in the Nordic region. Existing relationships with ATS, DXC, HCL, and IBM have been further strengthened with the growing interest by complex discrete manufacturing companies to invest in digital transformation initiatives.

## Implementation Investments

### ***99K Limited Partners with Centric Software to Ensure Smooth and Efficient Product Development***

9 June 2021

Fast-growing fashion merchandising company 99K Limited has selected Centric Software's Product Lifecycle Management (PLM) solution for emerging brands, Centric SMB. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source and sell products such as apparel, footwear, sporting goods, furniture, home décor, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

Founded in 2018 under parent company Momokrom — an independent online denim brand and wholesaler — Manchester-based 99K Limited is a fashion merchandising company supporting various large clothing retailers worldwide with product design, development and production. Thanks to its ethos of tireless commitment and passion, the company has grown exponentially in the relatively short time it has been operating.

Product Manager Mo Lin explains that one of the company's biggest business challenges is keeping up with the fast-paced, ever-changing fashion industry, in particular the complications associated with the global pandemic. "Like all industries, manufacturing, freight and sales have been greatly affected by COVID-19," she says. "Planning is almost impossible, and we are now forced to learn to adapt and react quickly to a constantly changing macro environment."

As 99K Limited outgrew its existing systems, it became clear that a PLM tool was necessary to ensure smooth, efficient product development and to enable all team members to be clear on their duties and responsibilities. "Without PLM, we constantly came across miscommunication issues that led to poor products and service," says Lin.

Many of 99K Limited's customers seek solutions to leave a smaller carbon footprint, and the company responds to this by lessening its environmental impact with sourcing organic and recycled cotton; moving a large ratio of its production to sustainable cotton mills; and sourcing recycled polyester and nylon. With the introduction of Centric SMB, the business will gain greater visibility across product ranges that will help it to track projects such as its Organic Cotton Range, and PLM will also aid the business to track material surplus and aim for zero waste.

As well as expecting to see its production rejection rate to drop to 0 and its design rate increase by 20-30%, the company predicts that it will save hours of staff time per week by replacing outdated communication and data storage methods.

"We hope to smooth out a lot of obstacles along the way with Centric SMB. The managerial aspect of PLM will be of great help and we look forward to saving time on communication with suppliers and reducing errors in the production," explains Lin.

As a forward-thinking business, 99K Limited is constantly striving to find the newest systems and the best platforms to ensure the most efficient communication. The company was drawn to the sophistication of Centric SMB as a PLM platform covering every aspect it would need, as well as the impressive customer base of Centric Software.

"We are delighted to be working with 99K Limited to support its exciting company growth," comments

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Chris Groves, President and CEO of Centric Software. “We are thrilled to have teamed up with such a fast-growing and entrepreneurial business and look forward to partnering with them on their transformation journey.”

## ***Accenture Selected to Lead Merger Integration Planning for S&P Global and IHS Markit***

9 June 2021

S&P Global, the world’s foremost provider of credit ratings, benchmarks and analytics in the global capital and commodity markets, has selected Accenture to help lead its merger integration planning with IHS Markit, a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The combination of the two companies, announced in November of last year, will result in a world-class organization that will power the markets of the future. According to S&P Global, the merger is expected to close in the second half of 2021.

Accenture will lead the merger integration planning and organizational design work for the combined entity, including all business divisions and corporate functions globally. It will draw from the best practices of both companies to ensure continuity while also maximizing value for customers, employees, shareholders, and other key stakeholders.

“Accenture’s merger integration expertise will help us to create a combined business that will increase the value we bring to our customers and the market,” said Martina Cheung, president of S&P Global Market Intelligence, head of S&P Global Sustainable, and integration management office lead for S&P Global. “We welcome their partnership in designing a high-performing organization that preserves the best of both companies and cultures.”

Adam Markson, who leads Accenture’s Capital Markets industry group in the U.K. and Ireland, said, “As the need for advanced data and analytics proliferates across all industries, the combination of S&P Global and IHS Markit creates a unique and highly complementary offering. We will leverage our global footprint, strategy, technology and operations expertise, and industry specialization to help S&P Global and IHS Markit deliver to achieve the combined entity’s potential.”

“Bringing a value-led approach powered by digital tools, we’re helping S&P Global and IHS Markit define an integration roadmap to create a new combined company, accelerate innovation and deliver enhanced value for customers, employees and shareholders,” added J. Neely, Accenture Strategy managing director and global M&A lead.

## ***Accor Transforms its Accounting System for Hotels in Middle East with Infor SaaS Solution***

7 June 2021

Infor, the industry cloud company, today announced that Accor IMEA, an augmented hospitality leader with more than 400 hotels in India, Middle East, Africa and Turkey, is transforming its accounting systems with Infor SunSystems, a powerful financial management solution, on AWS.

The transformation will position the group to benefit from an anticipated rebound in the region’s hospitality sector as the impact of the COVID-19 pandemic abates and the region gears up for mega events including Expo 2020 Dubai.

Accor operates over 5,100 hotels across 110 countries globally. It has deployed Infor SunSystems to develop its new chart of accounts, and to manage and automate the finances for its hotels in the India,

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Middle East, Africa and Turkey region.

Johny Zakhem, Accor IMEAT chief financial officer, said: “As the Middle East hospitality sector looks to welcome more guests post-pandemic, Accor will be ideally positioned to manage our finances and accounts in an agile and intelligent way. Infor SunSystems will enable us to automate and standardize our financial management, making reporting easier and more accurate across our operations in the Middle East, while also boosting efficiency and helping individual hotels.”

The hotel group was previously using an on-premises solution for its accounts in the Middle East and wanted to migrate to a SaaS model on the public cloud to provide greater resilience, help standardize its systems, and improve overall efficiency, oversight and security.

Given the complexity of managing accounts across multiple jurisdictions, Accor needed a solution capable of providing a unified chart of accounts for its hotels across the region, while also being compliant with the internationally recognized Uniform System of Accounts for the Lodging Industry (USALI).

The SaaS solution also gives greater flexibility for members of the accounts teams to work remotely during the ongoing COVID-19 pandemic, proving greater operational resiliency.

By adopting Infor SunSystems, Accor will also streamline its budgeting and forecasting processes, enabling hotel managers to improve their ability to plan ahead. It will drastically reduce downtime caused by hardware problems and software updates.

More than 50 Accor hotels across Saudi Arabia, UAE, Egypt, Bahrain, Jordan, Qatar, and Oman are already covered by the SunSystems solution, and more hotels are in the process of migrating to the solution. Accor hopes to see about 200 hotels live on it by the end of the year.

Stan van Roij, vice-president of hospitality solutions for Infor, said: “Accor IMEA is clearly demonstrating the value of SaaS, with the group moving from a capex-intensive model that required hardware to a far more efficient and flexible opex model. We look forward to continuing the deployment of SunSystems across Accor’s regional footprint, helping the company improve its reporting, increase its agility and oversight, and save valuable resources.”

Since signing the initial agreement, the Accor IMEA regional corporate finance team based in Dubai has also migrated to the Infor Cloud, demonstrating the clear benefits for individual hotels and at a regional level.

## ***Atos joins AI4Cities, the European project to accelerate the transition of cities to carbon neutrality***

9 June 2021

Atos joins **AI4Cities**, a three-year EU-funded project which aims to help six European cities and regions accelerate their transition towards carbon neutrality. This includes: Helsinki (Finland), Amsterdam (Netherlands), Copenhagen (Denmark), Paris Region (France), Stravanger (Norway) and Tallin (Estonia). The artificial intelligence (AI) solutions will ultimately contribute to the reduction of CO2 in the areas of mobility and energy, two domains responsible for 82% of all greenhouse gas emissions in European cities.

Atos has been selected for the Phase 1 of **AI4Cities**: the pre-commercial procurement (PCP) process that challenges technology companies in the six cities and regions to design, implement and test innovative artificial intelligence solutions helping them to modernize public sector services and solve societal key challenges. The selected companies will, with artificial intelligence: analyze travel patterns

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to design more efficient routes and schedules, contributing to a much smaller environmental footprint; optimize the use of electric vehicle charging locations by providing recommendations based on artificial intelligence; and reduce the time to evaluate, plan and promote investments (e.g. for building renovation). In addition, companies will work to optimize the consumption and energy efficiency in buildings and maximize the use of local renewable electricity through demand management, using buildings as distributed thermal energy storage, among other solutions. The total funding for this project, which will be divided among the selected suppliers throughout the whole PCP process, is 4.6 million euros.

Atos will be responsible for developing services through the solution called “**AI4GreenBuildings**” which uses artificial intelligence to improve the energy performance of buildings and its impact in terms of greenhouse gas emissions, through a control suite that monitors the building flexible energy supply (i.e. electricity, heating, ventilation, air conditioning, water) and usage in buildings. In parallel, the solution will help municipal decision-makers to create smarter and more effective streamlined policies. The solution will also raise citizen awareness on how their actions can impact energy consumption and CO2 emissions.

“**AI4GreenBuildings**” proposes an innovative solution to empower cities and their citizens, allowing them to manage all the energy resources of buildings, thanks to an innovative Information and Communication Technology (ICT) platform, that enables interoperability and integration of devices (e.g. meters, sensors, etc.) for efficient generation, storage and consumption management specifically designed for homes, buildings, and even entire neighborhoods and communities. Its open, standard, and flexible design opens the door to future scalability, replicability, collaboration, and integration of external communities in a simple way.

Atos will use machine learning (ML) models to exploit the collected data and to create AI-powered services to optimize energy resource management and consequently reduce overall CO2 emissions.

*“We are very proud to work on helping deliver a sustainable society with AI4Cities, which is the ideal framework to test Atos's most innovative solutions for improving energy efficiency in cities, with the necessary technical scope and the sufficient geographic dimension to get impactful and visible results in several big cities of Europe”*, said Javier Valiño, Head of the Energy, Climate and Decarbonization Unit of the R&D department of Atos Iberia.

Atos has recently confirmed its position as the leader of decarbonized and secure digital, driven by its ambition to reach net-zero by 2028 and, by providing customers with the launch of the most comprehensive, end-to-end decarbonization portfolio on the market.

AI4cities is made up of several multidisciplinary partners from countries such as France, the Netherlands, Estonia, Denmark, Norway and Spain among others.

## ***City of Coral Gables Selects Infor to Reach New Levels of Operational Efficiency and Innovation for Constituents***

10 June 2021

Infor, the industry cloud company, today announced that the City of Coral Gables, Florida, has selected Infor to help the organization provide better service to its constituents. Infor will support the city in its goal of reaching new levels of efficiency and promoting a culture of exceptional customer service and innovation. Specifically, the city will implement a suite of Infor cloud applications to streamline financials, supply management and human capital management, and to better aggregate data through deep industry-specific analytics and artificial intelligence.

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The Coral Gables is a historic municipality in Miami-Dade County, with 51,000 residents, 1,100 employees, high quality of life, and exceptional municipal services. It was important to decision-makers that their new technology partner understood the intricacies that their teams handled daily and would be able to provide robust configurability alongside a user-intuitive approach. With Infor, the city will enable employees to work more efficiently across its operation and maximize reliability and performance through the addition of cloud and mobile applications.

Coral Gables also will implement key Infor analytics solutions and set up a cloud operating platform for the future that will help enhance productivity, and bring business processes and artificial intelligence together to offer unparalleled insights. Infor will provide a platform for networked business analytics, help automate the process of preparing data and add an adaptive user experience.

“As cities prepare for the future, and the future needs and wants of their residents, recognizing the need to be a digital government and digital business, including smart city concepts, analytics and AI, is critical to success,” said Steve Potvin, Infor vice president. “Infor is committed to helping organizations better manage their people and assets, and we are excited to partner with the City of Coral Gables on this new project, and help it kick off the innovation project in the coming year.”

## ***City of Las Vegas and Whiting-Turner Contracting Streamline Project Communication with Masterworks Connector to PlanGrid***

4 June 2021

Aurigo Software announced the first customer implementation in a series of planned product integrations with Autodesk Construction Cloud aimed at improving collaboration between public and private infrastructure owners and the contractors with which they work. In 2020, Aurigo announced the launch of the Masterworks connector to PlanGrid, which connects Aurigo Masterworks with Autodesk Construction Cloud’s PlanGrid, allowing teams to drive productivity on capital projects and capture accurate project records to support ongoing infrastructure maintenance and operations. The City of Las Vegas and Whiting-Turner Contracting have now successfully implemented the integration after thorough piloting and testing of the connector.

The connector allows capital project owners using Masterworks and contractors using PlanGrid to link their projects across both cloud solutions. When users enter project information such as plans, RFIs, tasks, issues, or documents into either application, it will automatically update in the other. Real-time, automated information transfer between Masterworks and PlanGrid eliminates double entry, reduces errors and omissions, and streamlines administration activities on capital projects to save time. Additionally, owners and construction teams can collect and continuously reference an accurate project record set for ongoing infrastructure operations and maintenance.

The City of Las Vegas has always held communication with their contractors as a top priority. “On our public projects, we juggle massive amounts of documents and data, unexpected changes, and federal aid reimbursement challenges – and we have to stay in constant communication with contractors so we can anticipate anything that may impact schedules or budgets,” said Michael Sturdivant, Engineering Project Manager at the City of Las Vegas, an Aurigo customer. “We’ve automated our capital program planning and project management processes so our entire team can remain connected and work from the most up-to-date plans.”

Before implementing the connector, Whiting-Turner contractors were managing RFIs internally in PlanGrid, then re-entering them into Masterworks for the City. Documents were often shared with the City using email or share sites, which depended on manual intervention to upload updated project

documents in Masterworks.

Today, the City of Las Vegas and Whiting-Turner Contracting have integrated RFIs, documents, and sheets between the two applications. Whiting-Turner contractors can now log an RFI in PlanGrid and route it directly to the City in Masterworks. The City can answer it per their usual process in Masterworks, and once submitted, Whiting Turner will receive their answer back in PlanGrid. Additionally, the City and Whiting-Turner can now enjoy real-time document sharing between Masterworks and PlanGrid. Documents and drawings (or sheets) can be instantly shared by utilizing linked document folders in both Masterworks and PlanGrid, allowing both teams to continue working in their usual software system without compromising on access, availability, or security.

By implementing the Masterworks connector to PlanGrid, the City of Las Vegas and Whiting-Turner Contracting have streamlined their owner-contractor project communication. They have enabled real-time, two-way, controlled document sharing, and have eliminated duplicate entry into Masterworks with an automated RFI workflow. The two teams are now ready to tackle the next project Whiting-Turner wins with the City, bolstered with the confidence of seamless cloud collaboration. Aurigo looks forward to continued implementations of the Masterworks connector to PlanGrid in continuation of the Aurigo + Autodesk partnership.

“Contractors and owners need collaborative capital planning and construction management solutions, especially on major infrastructure projects that often span large distances,” said Balaji Sreenivasan, CEO and founder of Aurigo Software. “PlanGrid’s field collaboration capabilities are loved by contractors, and Aurigo Masterworks is the leading capital planning and construction management solution used by infrastructure owners. The integration between PlanGrid and Masterworks brings owners and contractors closer together, allowing them to deliver capital assets faster and with less rework.”

## ***Enabling a world premiere: 100% of the development of a vehicle done in virtual reality***

8 June 2021

**ESI Group, a global player in virtual prototyping for industries, participates in the successful development phase of the Nivus made by Volkswagen do Brazil: 100% digitally and virtually – a world premiere. The process began before the pandemic and was completed during the COVID-19 period, applying all the sanitary measures in place. Thanks to Virtual Prototyping/Digital Development (a change in product development), time was shortened in about 10 months and saved a few million euros in prototype production costs: Would it be a shift in the industry?**

### **Making the right decision, quickly and 100% digitally**

Usually, when a new vehicle is developed, time and physical prototypes are required both during the design and assembly preparation phases. In the case of the Nivus, launched in a live broadcast by Volkswagen do Brazil in June 2020 to around 60 countries, the whole conception of the vehicle was made 100% virtually. The state-of-the-art solution provided by ESI Group, based on its software IC.IDO was one of the tools used to design reviews and engineering decisions in different departments (product development, operations, quality, etc). This allowed Volkswagen to make informed decisions regarding the car’s conception. It provided the automotive company with the opportunity to save time (shortened the car’s development in about 10 months) and investment (for example, only in the Virtual Prototype Laboratory there was a 65% reduction of costs compared to previous projects).

Virtual reality also conserves tons of paper, in which specifications for each part of a car were

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previously detailed.

Long before Nivus physically existed, the vehicle was already available digitally in the engineering computers. Considering that building a physical prototype takes 19 weeks, in which only a single vehicle variant is possible. For this vehicle, nine virtual variants were produced, in much less time, which made it possible to anticipate more efficient assembly procedures, reducing the number of processes in the simulations and avoiding errors, since all parts were previously tested with digital tools.

*We designed 100% of the Nivus with digital processes using, among others, ESI's technology without the need to assemble a single physical prototype. In addition, with the drastic reduction of the development time, this solution helps us to integrate all our different teams, from various department (design, engineering, marketing, production, etc) in the same decision-making process. It was a more efficient but also more collaborative process.*

**Francivaldo Gomes Aires**

Prototyping Development Manager at Volkswagen do Brazil

## **Virtual reality: A huge benefit during COVID-19**

ESI demonstrated that even when the design phase is impacted, in this case by COVID-19, it is possible to continue with the project, since it is no longer a question of relying solely on physical reality. This opens up the possibility of experiencing the future with digitalization and technology for the project benefit.

*It's a shift in the industrial production. For the first time, all phases of a car release, before the effective production, has been fully made virtually making the production feasible during Covid-19 time. While allowing Volkswagen to take all its design and manufacturing decisions virtually, we helped them produce faster, cheaper and in a more sustainable way. This was possible due to a strong support of our local Brazilian team and a mutual collaboration between ESI Brazil and Volkswagen do Brazil. We all feel proud to be part of this world-premiere alongside with Volkswagen and its partners.*

**Andreas Renner**

Volkswagen Global Account Manager at ESI Group

## ***Gillette Children's Specialty Healthcare Begins Cloud Transformation Journey with Infor***

7 June 2021

Infor, the industry cloud company, announced that Gillette Children's Specialty Healthcare will begin its cloud transformation journey through the selection of Infor CloudSuite Healthcare for financial and supply chain management. Working alongside implementation partner Bails & Associates, Gillette will implement a solution that is scalable, sustainable, and forward looking. Infor CloudSuite, built on Amazon Web Services® (AWS), will deliver embedded analytics and industry-specific functionality, and will enable employees to reduce manual data processes, quickly answer critical business questions, and analyze business performance and scenario planning.

Located in St. Paul, Minnesota, Gillette is a leading pediatric health system with a long history of providing care to children with disabilities and complex medical needs. In early 2020, Gillette Children's began searching for a new ERP solution with healthcare-specific capabilities that would provide clinical integration and less reliance on third-party applications as well as a single source of truth for reporting analysis. Additionally, Gillette sought a partner with strong mobile capabilities through handheld devices to support field automation with real-time updates and remote data capture. In today's healthcare environment mobility is key to ensuring current information is at hand, enabling

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accurate, informed decisions.

“The work we do at Gillette Children’s Specialty Healthcare is important. Our teams care for patients who have some of the most complex, rare and traumatic conditions in pediatric medicine, which brings together many specialties, and has a lot of moving parts. We needed a partner that could keep track of all of our evolving data and analytical needs,” said Beth Risberg, supply chain manager at Gillette Children’s Specialty Healthcare. “With Infor, we found a modern, healthcare-specific operations platform that is clinically integrated to streamline and automate our business processes. This software will help us transform the way we manage reporting and analysis across the organization, working alongside our teams to achieve long-term strategic objectives.”

Industry-specific financial capabilities will help Gillette reduce data-entry redundancies and produce more accurate and timely reports. This, in turn, will provide transparency that leads to improved budget management, effective cost-reduction strategies and more accurate forecasting. In addition, modern cloud-based supply chain software will help to drive inefficiencies out of back office purchasing activities, increase visibility into purchasing activities, strengthen internal controls, better support compliance goals and reduce cost through enhanced supply chain processes and more effective supply management.

“Information technology needs to be leveraged so organizations can both improve patient outcomes and financial performance,” said Mike Poling, senior vice president and general manager of Infor Healthcare. “Infor CloudSuite Healthcare applications give organizations like Gillette access to essential information at the moment of decision making, as well as an agile infrastructure that can quickly adapt as the organization responds to the impactful changes affecting the industry today.”

## ***Infosys Collaborates with Archrock for Digital Technology Integration***

7 June 2021

Infosys, the global leader in next-generation digital services and consulting, announced a collaboration with Archrock, Inc. (“Archrock”), the leading provider of natural gas compression services in the U.S., to integrate digital technologies and mobile tools for its field service technicians. As part of this engagement, Infosys will leverage its pre-configured accelerator for Microsoft Dynamics 365 Field Service Application to streamline and enhance the efficiencies of Archrock’s field services and operations.

Archrock selected Infosys for its rich experience and deep domain expertise in the energy industry, dedicated team, and robust capabilities in the Microsoft Dynamics 365 Field Service space. Infosys will implement the field services platform integrated with backend enterprise resource planning systems.

“Our collaboration with Infosys is part of a multi-year technology project to further enhance the value proposition to our customers, more effectively manage our assets, reduce our emissions footprint and yield attractive value for our shareholders,” said **Eric Thode, Archrock’s Senior Vice President, Operations**. “Two major objectives of our digital transformation are to improve our customers’ experience and make our field employees’ jobs easier. As these leading-edge mobile tools are rolled out across our operations, we expect this will increase our compression unit uptime, improve the efficiency of our field service technicians and result in reduced vehicle mileage. With the right digital and energy industry credentials, we are confident Infosys is the right partner to deliver Microsoft’s industry leading field service platform.”

**Ashiss Kumar Dash, SVP and Segment Head - Services, Utilities, Resources, Energy, Infosys**, said, “Understanding the potential of digital technologies, energy companies are embarking on a digital

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transformation journey to reap the benefits of high productivity, better human experience, and operational efficiency. We are delighted to collaborate with Archrock in their field service transformation journey. With deep knowledge of the energy industry, technical expertise, and a strong relationship with Microsoft, we are confident of creating significant business value together in this journey with Archrock.”

## ***Milarex Bolsters Growth Strategies with Centric PLM***

4 June 2021

Sustainable international seafood company Milarex has selected Centric Software’s Product Lifecycle Management (PLM) solution. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source and sell products such as apparel, footwear, sporting goods, furniture, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

Founded in 2016 by legendary salmon processing figure, Mr. Jerzy Malek, Milarex is a fast-growing international seafood company marketing and processing a large variety of safe and sustainable salmon products. Milarex entered a new phase of growth in 2020 when they were acquired by Scandinavian investment company Summa Equity.

Milarex has grown to become one of the world’s largest companies for value-added salmon, with quality management, compliance and sustainability at the core of the business. Head of Sustainability and Marketing, Anders Wilhelmsen, talks about Milarex’s growth being the catalyst to seek out a PLM solution.

“We are scaling fast and we need more professional systems to meet the growing size of our company and set the foundation for even more growth,” says Wilhelmsen.

Milarex’s Head of IT, Pawel Ołubiec adds, “We want to unify all of our data in order to streamline both people and processes and Centric PLM will be the single, actionable source of truth for Milarex. We want our teams to focus on value-added activities, as opposed to hunting for data, and we certainly don’t want wrong or incomplete information to hold us back.”

Milarex operates a state-of-the-art factory in Poland and has local sales and distribution companies worldwide. Their business is complex with many customers, suppliers, products and markets. Research & Development Manager Paulina Wąsik elaborates on why they chose to partner with Centric Software.

“Centric gave us a really nice overview of the solution as well as the implementation process including all of the steps and the milestones,” says Wąsik. “We had considered other systems, but they were either too complex, or not complex enough.”

She goes on to describe how Centric PLM will support Milarex’s operations.

“Centric PLM will enable us to manage projects efficiently and with a holistic view; having all information in one place is really important from a quality and audit perspective. Centric will enable us to unify data from different departments, starting from ideation to verification. It will give us a database with all product information, and we will be able to track product development, trials, and communication with suppliers and clients which is critical from a quality and compliance perspective.

“We want to improve the audit process, decrease product development timelines and shorten data collection timeframes,” shares Wąsik. “For example, with Centric PLM, we anticipate taking only minutes to search data about ingredients. Whereas now, the same process could take hours, as you need to open multiple files.”

“We are thrilled to be empowering Milarex on their growth trajectory,” comments Chris Groves,

President and CEO of Centric Software. “We are very proud to partner with this safe and sustainable seafood company with such high quality standards.”

## ***Old World Industries Transforms Accounts Payable with OpenText***

9 June 2021

OpenText™ announced Old World Industries (OWI), a global supplier for the automotive and chemical industries, modernized their accounts payable (AP) processes with OpenText solutions. Implemented during the pandemic and a rapid shift to remote work, OWI improved AP processing time by 33%.

Best known for their PEAK® Performance brand of motor oil and antifreeze, OWI manages over a dozen leading consumer and commercial brands across 62 countries. The company needed to streamline their paper-based, AP process and eliminate the complexities associated with manual entry, compliance checks, and tracking. They sought a solution to complement their existing SAP® S/4HANA Enterprise Resource Planning (ERP) platform and implemented OpenText™ Vendor Invoice Management for SAP® Solutions just as the COVID-19 pandemic forced a major shift to remote work.

“Timing couldn’t have been more perfect to enable us to keep our business processes moving forward in a complete remote working environment,” said Donna Markey, Automotive Controller for Old World Industries. “We eliminated piles of paper and email backlog. More than 100 staff members have the tools they need to access and process invoices with ease and immediacy, reducing our cycle times which helps us eliminate late fees and focus more on validation and issue resolution.”

OpenText Vendor Invoice Management for SAP Solutions empowers digital procure-to-pay and order-to-cash business operations, such as accounts payable. The solution automates and optimizes the process of receiving, managing, and monitoring business critical documents for internal teams and external partners, customers, and vendors. With this solution, organizations can:

- Accelerate invoice processing through rapid invoice data capture and automated routing
- Increase ROI by reducing invoice cycle times and eliminating late fees
- Improve productivity through intelligent automation
- Ensure compliance through defined business processes and a documented audit trail

OWI added artificial intelligence including advanced document and character recognition capabilities of OpenText™ Intelligent Capture for SAP® Solutions to extract data from paper-based invoices and provide deep insights. Markey added, “As a result we are able to bypass manual data entry steps and focus on value-added tasks like analyzing relevant data and trends to better understand our vendors.”

“The pandemic forced many organizations to speed up their automation and digital business investments,” said Muhi Majzoub, Chief Product Officer at OpenText. “OpenText solutions empower OWI to not only keep critical business operations running smoothly and minimize disruptions caused by the pandemic, but also significantly improve the speed of their AP processes.”

OWI worked with OpenText Professional Services to implement the solution, successfully completing the project while working remotely.

## ***Oracle Cloud Helps the UK Government Drive Efficiencies, Cost Savings and Productivity Across the Public Sector***

8 June 2021

Oracle has further expanded its commitment to the UK Government with the update of an existing Memorandum of Understanding (MOU) between Crown Commercial Service (CCS) and Oracle, as well as a new commitment to enhance Oracle's Government Centre of Excellence. The updated arrangement is expected to foster an even stronger working relationship between Oracle and the UK public sector, enabling better use of secure cloud technologies. The Oracle Centre of Excellence will provide additional support and technical capabilities to help the UK Government make better use of Oracle Cloud.

CCS—the UK's largest public procurement organisation—supports the UK public sector to achieve maximum commercial value when procuring common goods and services. Last year, CCS helped the UK public sector achieve commercial benefits worth more than £1 billion – supporting world-class public services that offer best value for taxpayers.

Oracle and the UK Government first signed an MOU in 2012, paving the way for a long-term partnership. The updated MOU will ensure that central, local and devolved governments, as well as all public service departments and agencies, such as NHS Trusts, are able to make continued use of Oracle Cloud. Critical public services will have access to the full suite of Oracle Cloud applications, secure infrastructure services and autonomous technology. The Oracle Cloud can help customers like the UK Government to drive greater efficiencies, automation and productivity, all of which could support the UK economic recovery.

The enhanced Oracle Centre of Excellence will provide the UK Government with even more support for its use of Oracle Cloud, enabling better use of secure cloud technologies to support long term innovation and transformation of public services. It will provide public sector organisations with additional support in moving workloads to Oracle Cloud Infrastructure or expanding their use of the Oracle Cloud Applications Suite.

“This enhanced Memorandum of Understanding will continue to deliver savings and benefits for new and existing public sector customers using Oracle's cloud based technologies. It will continue delivering value for money whilst supporting public sector customers' journey to the cloud”, said Philip Orumwense, Commercial Director and Chief Technology Procurement Officer, Crown Commercial Service.

Gareth Rhys Williams, the Government Chief Commercial Officer, said “The UK Government is focused on its Build Back Better growth plan, part of which is ensuring we make the best use of modern cloud based technologies. By extending our relationship with Oracle through this Memorandum of Understanding, we will continue to drive excellent commercial value, improve services delivery to citizens, and support the UK Government's wider transformation agenda.”

“Today's announcement is a commitment to a long-standing relationship,” said Richard Petley, Managing Director & Senior Vice President, Technology & Cloud, Western Europe, Oracle. “We are collaborating with the UK Government to unlock the potential that cloud offers and help the UK lead the way in the adoption of digital technologies.”

Oracle provides the only dual-region sovereign cloud for use by UK public sector customers and works with hundreds of public sector customers, such as the Home Office, Office for National Statistics, the NHS NEP, Birmingham City Council, the Ministry of Defence and West Midlands Police. The updated

MOU expands on these relationships and will allow more public sector organisations to use cloud technologies for their efforts to deliver the best possible public services and greater value for the taxpayer.

## ***Sequans Communications Adopts Cadence RF Solution to Develop Next-Generation 5G IoT Platform***

10 June 2021

Cadence Design Systems, Inc. announced that Sequans Communications S.A., a leader in 4G and 5G IoT solutions, has successfully adopted the Cadence® Virtuoso® RF Solution, including the Cadence Spectre® X RF Simulator and Cadence EMX® Planar 3D Solver, for high-frequency RF harmonic balance and electromagnetic (EM) analysis and signoff, to develop its next-generation 5G IoT platform. Sequans also used the Cadence AWR® Visual System Simulator™ (VSS) software to predict and measure overall system performance and functionality in support of the 5G New Radio (NR) and internet of things (IoT) communication standards. The comprehensive, full-suite solution from Cadence enabled Sequans engineers to achieve a 2X performance improvement versus its legacy solution and reduce time to market while ensuring a high level of accuracy.

“Designing 5G IoT devices is simultaneously a complex engineering challenge where designers must address stringent 5G performance specs as well as a cost-conscious exercise to meet the price targets of the IoT marketplace,” said Bertrand Debray, Executive Vice President and GM, Broadband IoT at Sequans. “The Cadence Virtuoso Layout Suite EXL, powered by the Cadence EMX Planar 3D Solver, gives our engineers advanced capabilities within a single unified design environment that greatly improves design team efficiency for meeting aggressive schedule goals. We are very confident and excited about using Cadence RF technologies in this project.”

The Sequans RF engineering team leveraged the Virtuoso RF Solution, which has a highly optimized design environment with embedded EM and multi-technology capabilities, to drive robust RF simulation and analyses. Integrating the EMX Planar 3D Solver directly into the Virtuoso Layout Suite EXL environment empowered Sequans engineers to efficiently design and verify critical on-chip and off-chip passive devices and interconnect. The multi-technology capabilities of the Virtuoso RF Solution let integrated circuits (IC)s, packages and boards be combined and co-designed within a single, unified design platform, thereby significantly reducing EM setup time and effort and allowing designers to meet the growing EM requirements of 5G, IoT and other advanced communication standards. Additionally, the seamless interplay of advanced simulation, multiphysics and RF technologies within the Cadence solution delivers a one-of-a-kind, comprehensive and extensible platform for chip, package and board design through to the end-to-end complete system design, analysis and signoff.

“The Cadence Intelligent System Design strategy, which enables customers to design from chips to packages/boards and large electrical systems more efficiently, continues to gain momentum globally with Sequans being one of the latest companies to embrace the Cadence RF solution,” said Tom Beckley, senior vice president and general manager of the Custom IC & PCB Group at Cadence. “Our electronic design software is recognized worldwide for its innovation and complete full-flow solutions that seamlessly leverage best-in-class EM signoff technology including the EMX and Clarity technologies.”

The EMX Planar 3D Solver is part of the broader set of multiphysics system-level solutions offered within the Virtuoso RF Solution. It supports the company’s Intelligent System Design™ strategy, delivering complete EM signoff for SoC design excellence.

## Product News

### ***3D Systems & Alpine F1 Team Advance Wind Tunnel Productivity with Co-Developed Material***

9 June 2021

**3D Systems** announced the availability of **Accura® Composite PIV** – a new material specifically designed to address PIV testing applications used primarily in motorsports wind tunnel testing. Developed in collaboration with Alpine F1 Team (formerly Renault F1 Team), Accura Composite PIV is capable of producing rigid parts in a high-contrast color optimized for PIV testing. Parts produced using this material take significantly less time to prepare – from CAD to wind tunnel – and deliver more accurate, high-resolution data. When used as part of a complete 3D Systems additive manufacturing solution – comprising Accura Composite PIV, the company’s stereolithography (SLA) technology, software, and advanced application services – Alpine F1 Team has been able to maximize its wind tunnel investment and improve its understanding of the airflow over the car.

3D printing wind tunnel parts for aerodynamic testing is virtually a 24/7 operation as the racing team constantly works to unlock new levels of performance in the car. In particular, 3D Systems’ SLA technology has allowed Formula 1 companies to build rigid aerodynamic parts with high productivity and leverage innovations like integrated pressure tappings. These parts are used in testing that relies on a laser-based technology known as ‘particle image velocimetry’ or PIV. One challenge with taking reliable PIV measurements is the reflections of laser light from background surfaces other than the airborne particles, which reduces the image quality resulting in a loss of useful information. 3D Systems developed Accura Composite PIV - a new reflection mitigating SLA material - which Alpine F1 Team is using to print its wind tunnel model parts. Alpine F1 Team has demonstrated that the new SLA material is effective in reducing the laser reflection effect. The use of this system is helping their aerodynamicists gain a greater insight into the aerodynamic characteristics of the wind tunnel model, ultimately helping them deliver a faster racing car to the track.

The workflow to produce wind tunnel parts in other currently available materials often requires a multi-step process to achieve a suitable finish required for wind tunnel testing. The unique color of Accura Composite PIV provides the possibility to eliminate some of these steps and therefore compress the workflow for efficiency and throughput gains.

“We’ve proudly collaborated with 3D Systems for many years,” said Pat Warner, advanced digital manufacturing manager, Alpine F1 Team. “The deep expertise of their application engineers and their industry-leading solutions have been an invaluable part of our innovation team. It’s been exciting to co-develop Accura Composite PIV and see the benefits it’s bringing to our process. We produce nearly 500 parts per week for wind tunnel testing. Due to the material’s unique optical characteristics, we are now collecting more reliable data from our PIV system in the wind tunnel.”

In addition to Accura Composite PIV’s unique color, the material has a high tensile and flex modulus, with a heat deflection temperature of 100° C, which makes it ideal to withstand the rigors of wind tunnel testing. This material is formulated for use with **3D Systems’ stereolithography** 3D printing technology – including the company’s **3D Sprint®** software - that is designed for rapid production of large (up to 1500mm in length), high-resolution parts. At the core of 3D Systems’ solutions is the expertise of its **Application Innovation Group** that is relied upon for engineering expertise to help F1 teams such as Alpine F1 Team refine their vehicle designs for faster time to – and on – the track.

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“Customer-centric innovation is a guiding force within 3D Systems,” said Kevin Baughey, segment leader, transportation & motorsports, 3D Systems. “Working with Alpine F1 Team to develop our newest material is another example of how we’re leveraging our F1 application expertise to develop advanced solutions that give our customers a competitive edge. We’ve been impressed by the results the Team has experienced in the wind tunnel, and look forward to seeing their success on the circuit this season.”

## ***Accenture Launches myNav Green Cloud Advisor to Help Companies Realize Sustainability Goals Through the Cloud***

10 June 2021

Accenture launched Green Cloud Advisor, a new capability for the Accenture myNav platform that enables enterprises to operate more sustainable and efficient cloud environments.

myNav Green Cloud Advisor helps companies design cloud solutions that reduce carbon emissions and lay a foundation for responsible innovation. First, Green Cloud Advisor establishes a baseline of existing data center energy consumption, computing requirements and sustainability goals. It then uses proprietary algorithms to quantify the “greenness” of potential cloud solution options, based on a range of information, such as the cloud service providers’ carbon emissions goals, locations, energy sources and readiness to transition to clean energy.

Research from Accenture has found that shifting from on-premise data centers to the public cloud can reduce an enterprise’s energy usage by 65% and cut carbon emissions by more than 84%. Migrating existing private workloads to a public cloud could reduce global CO<sub>2</sub> emissions by nearly 60 million tons annually — equivalent to taking 22 million gasoline-powered cars off the road.

Canada Mortgage and Housing Corporation (CMHC), Canada’s national housing agency, has dramatically reduced the carbon footprint of its IT operations. CMHC has undertaken, with Accenture, a major IT transformation, including a transition to the cloud, that has resulted in a reduction of its IT-related CO<sub>2</sub> emissions by more than 80%.

“Every company now needs to master change at speed and scale to benefit not only shareholders and employees but also our communities and planet,” said Kishore Durg, who leads Accenture Cloud First Global Services. “As companies accelerate cloud adoption, myNav Green Cloud Advisor can help them simultaneously address one of their most pressing challenges, which is to reduce emissions and waste with greener IT practices.”

To help organizations measure carbon emissions against industry peers, Accenture is teaming with an applied research team at Carnegie Mellon University (CMU) to establish a carbon emissions scoring system and certification for green cloud solutions. In order to help clients design, implement and operate the most sustainable cloud environments, Accenture is also working with CMU on a new cloud training program to upskill its Cloud First professionals to help organizations achieve a balance of cloud innovation and green computing practices.

“Energy usage and carbon emissions are becoming part of the design requirements of future technology solutions,” said Majd Sakr, teaching professor in the Computer Science Department at CMU’s School of Computer Science. “Institutions will have to build capacity and leverage innovative green IT tools to better measure, optimize and report their energy usage and carbon emissions.”

Additionally, Accenture has teamed up with the Massachusetts Institute of Technology (MIT) Sloan School of Management to create a training program for Accenture Cloud First leaders that delves deeper into the cloud’s role in enhancing speed to market, cost management, flexibility of operations, business

resilience and innovation capabilities. The Green Cloud Advisors Program is a three-day virtual course where participants will learn about opportunities associated with cloud solutions, from energy efficiency and carbon reduction to new business models and product and service innovations.

Announced in November 2019, the Accenture myNav platform helps organizations navigate the cloud with confidence by selecting the optimal cloud architecture and solution, executing cloud migration, and managing and optimizing the cloud estate. myNav helps companies manage the human, technology and business dimensions of cloud change. Green Cloud Advisor is one of the many modules within the myNav platform designed to address the complexities of cloud for digital transformation.

## ***An innovative approach: BIMcollab's Smart Issues automate the time-consuming process of clash management***

8 June 2021

The newest version of BIMcollab Cloud and BIMcollab ZOOM introduces Smart Issues: an intelligent solution to the time-consuming process of clash management. A first in the world of BIM.

Smart Issues – *emerged from BIMcollab's powerful combination of model validation and issue management* – know the clashes they represent, to which objects they belong, and when they are reported or solved. In other words: Smart Issues carry all the necessary information about linked clashes to update their status automatically, without a user having to rerun clash detection rules. This offers BIM managers new, more reliable and time saving workflows.

Issues 'know' clashes

When a user zooms-to a Smart Issue, BIMcollab ZOOM will show the involved clash-boxes with distinctive colors, reflecting their status in the new model. This immediate visual feedback is possible by running a quick clash-detection in the background, providing a very powerful and easy way to evaluate and update issues.

When a BIM manager receives new models, Smart Issues can automatically be checked, updated and closed. Just with one single command.

*"We believe that integrating model validation into communication of requirements, issues and model validation, helps design teams to create better models in less time. The introduction of Smart Issues represents the next big step in our journey."*

Erik Pijnenburg, CEO of BIMcollab

Prevent duplicate reporting

Smart Issues prevent duplicate reporting. Even if a user runs other clash-rules, with different clash grouping, in a later stage, ZOOM will recognize the clash immediately and show its status: reported, ignored or new.

And the best part: if team members run their own clash-rules, ZOOM will still recognize the reported clashes and the issues they belong to. This enables large teams to divide the workload across multiple BIM managers.

*"The time-consuming overhead caused by redundant clash reporting is completely eliminated with BIMcollab's Smart Issues."*

Gerben Bouthoorn, Product Owner BIMcollab ZOOM

The introduction of Smart Issues, brings an update to ZOOM's clash detection, separating duplicates from clashes. Also, the already outstanding clash-boxes became even more clear with color

coded status, independent of used rules and grouping. Clash-boxes are now selectable for fast and easy manual reporting.

Progress visible in the cloud

BIM managers can follow the models' progress in the cloud in two easy ways: by viewing the status per linked clash and by looking at the default viewpoints. This allows them to get an overview of the progress in clash resolution, just by looking at the tiles. More green is more progress!

## ***Atos launches 'Engaged Employee Experience' to support organizations tackle the new frontier of work***

10 June 2021

Atos today launches **Engaged Employee Experience**, a unique initiative which reinforces Atos' position as a leading enabler in the new frontier of work. Leveraging Atos' recognized expertise in Digital Workplace Services, **Engaged Employee Experience** encompasses the latest tools and technologies, consulting capabilities, and new and existing partnerships with leading experts in the field, all underpinned by clear decarbonization objectives. It is the most comprehensive intersectional set of services on the market today and the only one which combines both traditional Digital Workplace solutions with Employee Experience services.

According to Forrester *"C-level leaders know they are on the hook for an anywhere-work strategy beyond the pandemic. A striking 75% of CEOs expect their office spaces to shrink."* In this context, **Engaged Employee Experience** supports businesses across the world to effectively manage this new world of work which brings challenges such as remote dispersed workforces, evolved employee expectations and increased mental illness, by equipping them with the right tools, expertise and capabilities for an engaged and thriving workforce.

**Engaged Employee Experience** focuses on:

- **Voice of the Employee** - tools to measure, analyze and manage employee experience in real time from anywhere in order to effectively listen, understand, and act on employee experience
- **Smart Working** - consulting expertise and tools to help create and manage new smart and safe workspaces and hybrid working solutions which provide new collaborative and social experiences, connected to the rest of the world through immersive technologies
- **Employee Journeys** – solutions to enable a seamless employee workflow throughout their entire career lifecycle by integrating IT, HR and facilities so that employees benefit from an efficient consumer-like experience
- **Accessibility** - making workplaces inclusive by leveraging and integrating assistive technologies 'by design' in all of its services and solutions
- **Continuous Learning and Adoption** - as part of its holistic approach Atos offers step-by-step guidance, micro-learning, gamification and support to provide organizations and users with the skills to succeed and to prevent a digital divide in the workplace
- **Citizen Development** – by giving employees the tools (low and no code platforms) to rebuild processes and tailor them to individual needs, organizations can reduce pressure on IT teams and empower employees
- **Mental Health** - sentiment analysis tools and solutions to build a resilient workforce and lower mental health related risk

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- **Enhanced consulting capabilities** – Atos will provide the expertise to connect people and technology, combining design thinking alongside the cultural challenges of individual organizations to build the most appropriate solutions for both clients and end users.

*“COVID-19 has forced us to rely on new methods of communication and new ways of working, bringing forward a transition, which we have long predicted. In order to successfully embrace this new frontier of work, we need to redefine what it means to work collectively, inclusively and in a way that allows accessibility. It means more focus on employees than ever before, not just listening but enabling.”* said **Elie Girard, CEO Atos** *“There now needs to be a paradigm shift away from the focus on ‘technology OR experience’, towards ‘technology AND experience’, and ‘performance AND experience’. Engaged Employee Experience is our approach to this new frontier of work, which brings together people, places and things to support our clients transform their organizations.”*

## ***CCE announces major upgrades to its real-time 3D Collaboration Software***

8 June 2021

CCE, a leading provider of advanced CAD interoperability technology, announced major upgrades to EnSuite-Cloud ReVue, its flagship real-time 3D Collaboration software.

Effective immediately, users can download ReVue LiveLink integrations for **Autodesk Inventor and Solid Edge**. This is in addition to the SOLIDWORKS and SketchUp LiveLink products announced last month.

“We are on an extremely aggressive development schedule with this product. The response from users and industry analysts has been overwhelming. Clearly, this was an unmet need in the collaboration marketplace that we have been able to successfully meet. We are not only adding newer formats to the standalone version of EnSuite-Cloud ReVue, we are also closely monitoring the user upvote data on our website to reprioritize our development schedule for LiveLinks. We are hoping we made everyone who voted for the Inventor and Solid Edge LiveLinks very happy today with our latest update,” said Vinay Wagle, CCE’s V.P. Sales & Marketing.

ReVue LiveLink is useful for collaboration during conceptual design or engineering changes, where the CAD model needs to be edited and the results updated in real-time with participants in the collaboration session. This one-step access saves time and makes real-time CAD collaboration natural and easy. With this latest update, users can now securely collaborate in real-time directly from an interactive Inventor, Solid Edge, SOLIDWORKS or SketchUp sessions. Other formats like Creo, Revit will be added soon. Users can download ReVue LiveLink for the CAD systems for free. However, an Organizer license is needed to access the LiveLink products.

EnSuite-Cloud ReVue, released earlier this year, is a unique real-time collaboration product using 3D digital assets while **maintaining complete control of the users’ intellectual property**. Participants can use 3D multi-CAD data from all major CAD formats like **CATIA V5, CATIA V6 (3DXML), SOLIDWORKS, NX, Creo, Autodesk Inventor, Solid Edge, JT, IFC and glTF**, among others, to conduct engineering design reviews directly in the browser or access it from an active CAD session using ReVue LiveLink.

Some of the key capabilities of EnSuite-Cloud ReVue include:

- **No software installation** or browser extensions required
- **Real-time collaboration** using 3D multi-CAD data - **no CAD licenses required**
- **No storing** of proprietary design data on any server

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- **No data footprint** left after collaboration
- Integrated **conference call** facility
- Well-defined roles & privileges (Organizer, Presenter & Reviewer) for participants for **data protection**

## ***DENSO and NTT DATA Complete Verification Test Using Vehicle and People Flow Data to Innovate the Mobility Experience***

8 June 2021

DENSO and NTT DATA announced that they have completed a joint verification test to improve mobility experiences using data on vehicle and people flows.

In the test, which spanned June 2020 to March 2021, DENSO and NTT DATA gathered participants' "vehicle flow data," or their movements by car, through in-vehicle devices and "people flow data" through their smartphone GPS and beacon detection logs.\*<sup>1</sup> Together, these data offered insights on participants' driving characteristics and the types of driving scenarios they encountered.

The test was conducted to provide better mobility experiences and services, and to help businesses attract potential customers amid changing consumer behaviors. To do this, the test analyzed the participants' driving behaviors and their driving status and behavior, and then recommended stores they might be interested in using their vehicle flow data and people flow data. The test showed that the drivers' behavior were affected by recommendation based on those flow data analysis.

Based on the results, DENSO and NTT DATA will consider commercializing the joint service, and verify the business model together with mobility businesses (automakers, car-sharing companies, car rental companies, etc.) and service providers (retailers, tour agents, commercial complexes, etc.).

### Background

When going out, many people not only want to enjoy activities at their destination such as shopping, they also want to enjoy the trip and experiences along the way. If, for example, they want to reserve a restaurant, however, first they have to search the Internet for necessary information, and make a reservation through dedicated apps, which makes the experience inconsistent. As technologies such as connected vehicles, next-generation cockpits and automated driving evolve, the amount of information people can access from their cars will increase. Providing a seamless mobile experience for people both inside and outside of the ehicle may provide consumers with value and improve their trips.

DENSO is planning and developing next-generation cockpit platforms and connected vehicle system platforms, to build a new mobility society that connects vehicles, people, and things.

Since June 2020, in collaboration with unerry Inc., which operates the "Real Behavior Data Platform," NTT DATA has been developing "Mobility Commerce Service\*<sup>2</sup>," which provides users with a new travel experience to enjoy trips en route to their destination. The verification test used unerry's people flow data \*<sup>3</sup> and algorithms, which are part of the above service.

DENSO and NTT DATA found advantages in working together to provide services that connect people's trips using mobility systems and their destinations. The two companies therefore conducted a verification test to innovate the mobility experience based on vehicle and people flow data.

### Concept of the service

It understands preference for how people move based on data gathered from in-vehicle devices and their smartphones, and analyzes the characteristics of their driving and movement, in order to provide timely

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and personalized content and recommendations to improve travel experiences and deliver better services when traveling with or without a car. The service is also intended to offer new values to service providers, such as helping them attract potential customers amid changing behaviors.

## Verification test

### Details

The following verification tests were conducted to evaluate the effectiveness of personalized recommendations by identifying NTT DATA app users' movements based on their vehicle and people flow data.

- Recommending\*<sup>4</sup> interesting stores at effective timings by analyzing users' preferences based on data on drivers' driving characteristics and driving situations gathered from in-vehicle devices, and on their movement characteristics gathered from the GPS in their smartphones and beacon detection logs
- Analyzing the relationship between the recommendations and participants' evaluations of them

### Test period

June 2020 to end of March 2021

(Verification using cars: June to August; Analysis and verification as a business model: September to late March)

\* People's movements by car were analyzed after the COVID-19 emergency declaration issued in April 2020 was lifted.

### Test results

The analysis of users' evaluations of 2,217 facilities recommended during the three-month verification period using cars showed that the more closely the recommendations matched their preferences and driving situations, the more highly the users valued them.

The test showed that it is technically possible to add value to people's mobility experience by combining vehicle and people flow data.

### Future plan

The test showed that mobility businesses can expect to attract new customers by improving their mobility experience and using vehicles as a means of gaining new sources of income. Service providers can expect to expand into new markets where their services are used in vehicles and attract new customers amid changing behaviors.

The two companies will continue to work together to create various customer touch points including next-generation cockpits and smartphone services. They will also collaborate with mobility businesses and service providers to explore the possibility of providing user experiences and content by identifying users' behavior based on their vehicle and people flow data.

- \*1This verification test is being conducted with the consent from the monitors to obtain and use their personal information for the purpose of this verification test.
- \*2News release issued on June 18, 2020. "NTT DATA and unerry Forms Capital and Business Alliance to Provide 'New Travel Experience'"
- \*3Uses unerry's Beacon Bank, the offline behavior data platform. (unerry has formed a capital and business alliance with NTT DATA)
- \*4For users' safety, providing recommendations by audio so as not to interfere with their driving

## ***Direct Line Group launches new self-serve platform for motor lines products***

3 June 2021

Direct Line Group (DLG) has achieved a significant milestone in its tech transformation journey having launched its new technology platform for Direct Line, Churchill and Privilege motor customers. The platform is one element of the Group's strategy of building an insurance company for the future, driven by data and technology, which is fully digitally enabled and can operate in an agile and low-cost way.

The new platform offers customers across each of its well-known brands hassle-free transactions, the opportunity to self-serve and the ability to engage with support teams in a web chat or on the phone.

Working together with Capgemini – DLG's System Integrator partner – the new, cloud-based platform is designed to provide the flexibility to support multiple channels spanning Price Comparison Websites, Digital, and Direct channels and to integrate the capabilities of leading business systems including Guidewire, Mulesoft, Salesforce, Amazon Web Service (AWS) and Willis Towers Watson's Radar Live to create a unique ecosystem to deliver future business initiatives.

Steve Maddock, Chief Operating Officer said, "I'm delighted that our new platform is in the advanced stages of deployment and we are already seeing the benefits it brings to both our customers and the business. The last twelve months has been challenging and we are exceptionally proud that we've forged ahead with our tech transformation, despite the sudden move to home working. The new platform will enable us to offer our customers a full rounded digital experience from quote through to claims. The continued roll out across all brands will power the Group to drive benefits and growth out of the investments we have already made and become the tech and data driven insurance company of the future. I'm really proud of the team that made this business transformation happen."

"Undertaking a large-scale core transformation requires vision, skill and tenacity to create a modern insurance company of the future," said Shane Cassidy, Head of Insurance for Capgemini's Financial Services. "This success was made possible through DLG's determination to be customer-focused to address the unique customer requirements for each of its brands. Additionally, DLG was highly receptive to leveraging market-leading technology, resulting in business benefits and a reduction in IT operating costs."

## ***Graitec Releases Version 2022 of Opentree***

1 June 2021

**GRAITEC, an international software developer for AEC, is delighted to announce that Graitec Opentree 2022 has been released. Graitec Opentree is world-class document management software for Architects, Engineers and companies requiring compliant workflows. Above all, with Graitec Opentree, you will make document management easier and reduce unnecessary manual processes on all your construction projects!**

Graitec Opentree 2022 is the first major release under Graitec since the January 2019 acquisition. Taking the history of "Cabinet" we have extended our technology to aid efficient drawing and document management for Architects and Engineers. This release also introduces the new native viewing and mark up tools, further helping our customers to reduce unnecessary software costs.

A familiar interface that is fast, behind your firewall and an essential companion to managing all your work in progress, issued and published deliverables.

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Top 5 new functionalities:

- Brand new Interface with a Windows 10 look and feel.
- Support for AutoCAD LT, AutoCAD, Revit Bentley MicroStation / Connect and MS Office
- Native inbuilt Viewer accommodating 30+ file formats and mark up tools.
- Seamless upload of files and metadata to SharePoint, BIM 360, Asite, Aconex, Business Collaborator, Viewpoint for Projects & Aspub
- Integration with 28 Hands Mail Manager (Email management)

**Says Gary Edwards – Business Line Director, MANAGE:** *“We are excited to announce the release of Opentree 2022 which builds upon our design to fabrication ethos and gives our customers the ability to manage all their IP from work-in-progress through to published. As the AEC industry strives towards better collaboration and information management, Graitec Opentree is at the forefront of standards helping our customers to improve quality, reduce document control costs and improve bottom line profitability”.*

## ***HCL SOFTWARE LAUNCHES ITS CLOUD-NATIVE, WEB AND MOBILE-READY VERSION OF DOMINO APPLICATION DEVELOPMENT PLATFORM***

8 June 2021

HCL Technologies (HCL), a leading global technology company announced the general availability of the latest version of Domino, the secure enterprise application-development platform. The newest version is cloud-native, web- and mobile-ready and includes low code capability — all out of the box. It marks a major milestone to enrich the application development ecosystem from business users to professional IT developers and provides essential business value with low total cost of ownership. Domino powers 10 million apps that run the business of more than 15,000 companies worldwide, including global giants in the automotive, financial and retail industries.

“The world is ‘Powered by Domino,’ and with v12 we continue to deliver on our commitment in ensuring the future of Domino is one that is low-code, mobile and secure,” said Darren Oberst, Corporate Vice President and Head of HCL Software. “Even just a year ago, most CIOs would not believe me if I told them Domino apps are accessible anywhere and on any device. But they are, and we’re just getting started.”

Highlights of HCL Domino v12 include:

- Now cloud-native with flexible backup deployment options and enhanced security. Deploy anywhere — on-prem, hybrid or any cloud and back up Domino with any backup solution in the market. New security features include Time-Based One-Time Password, automating certificate management and biometric authentication.
- Eliminate desktop client upgrades. With Nomad web, Domino apps and mail experiences are now on a browser and always up to date.
- Anyone can build apps faster with low code. Business users can create modern apps and workflows using the same infrastructure, governance and security.

“Dun & Bradstreet has relied on the HCL Domino application for more than 20 years to fulfill workflows for our client files,” said Jim Martone, Vice President of Engineering at Dun & Bradstreet. “The investment and innovation that HCL Software has put into the Domino platform over the years has allowed us to automate once manual functions, improving the efficiency and faster turnaround of batch

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files so our clients receive their business-critical information in a timely and secure manner.”

"It's been fascinating to watch HCL Software take a mature IT solution family with a strong heritage and move it forward into a capable new story," said Dion Hinchcliffe, vice president and principal analyst at Constellation Research. "As I cite in my Constellation ShortList, HCL Software is one of the leading enterprise IT stack vendors that can form the foundation of their customers' digital transformation."

## ***Hexagon introduces HxGN Connect, a SaaS workspace enabling seamless, citywide collaboration, planning and response***

8 June 2021

Hexagon AB, a global leader in sensor, software and autonomous solutions, announced the introduction of HxGN Connect, a SaaS workspace for citywide collaboration enabling government agencies and other diverse organisations to share data and coordinate action for ad-hoc, routine and emergency situations.

Hosted in Microsoft Azure, HxGN Connect provides a networked workspace and unified view of information within and between different entities. Participants can actively collaborate and securely share data as events unfold, overcoming the technical and political barriers that often result in missed opportunities, conflicting actions, errors and delays.

According to Gartner, “Smart city government CIOs urgently need to collaborate with all the stakeholders in the urban ecosystem, and—even more importantly—enable those stakeholders to collaborate with one another in an open, transparent, trusted manner” (Source: From Smart City to Intelligent Urban Ecosystem—Unlocking Data Value Is the Key to Cities’ Industrial Partnerships; Published: 29 October 2020).

With HxGN Connect, organisations can move beyond basic cooperation to true collaboration, where all participants gain mutual value. HxGN Connect is easily implemented and scaled—whether between multiple departments in a single agency or multiple organisations across entire cities and regions.

“The future of smart cities lies in connected data communities that enable users to work with people and information irrespective of organisational and geographical affiliations or technology limitations,” says Hexagon President and CEO Ola Rollén. “HxGN Connect reimagines collaboration, breaking down barriers and bridging gaps between vertical sectors, organisational types and operational functions, which means safer cities, more effective services and happier residents.”

HxGN Connect brings a city’s public safety, transportation, utilities and other related organisations together seamlessly. While users can visualise people, places and activities, send messages and assign tasks to each other, all participants retain full ownership and control of their own data (nothing is stored in a central repository).

## ***Mastercam 2022 is Now Released***

8 June 2021

CNC Software, Inc., developer of Mastercam, the world’s leading CAD/CAM software, announces the release of Mastercam 2022. Mastercam 2022 increases machining productivity and reduces overall production costs with faster and more flexible multiaxis improvements, powerful new roughing tools for 2D users, advances in modeling, enhanced intelligence and automation, and much more.

Many of the advancements in Mastercam 2022 are directly driven by Mastercam users and shops. Feedback from Public Beta releases, shop visits, customer surveys, and consultation with our expert

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industry partners create the practical, shop-driven focus that helps ensure Mastercam users' success.

According to Mastercam President and CEO Meghan West, "Mastercam is developed by listening to our users and creating solutions for their problems. We adapt to changing needs to ensure that the customer experience is the best it can be as we continue to innovate for improved automation, efficiency, connectivity, and precision. From job setup through job completion, you can depend on our technology to empower productivity."

Improvements include:

**OptiRough Toolpath for 2D Users.** The 3D High Speed Dynamic OptiRough toolpath is now available for all Mill and Router product levels. This allows users to machine very large cut depths with a bidirectional cutting strategy to remove the maximum amount of material with the minimum number of stepdowns. Dynamic OptiRough allows you to create a single toolpath to machine a part, instead of creating multiple 2D operations to achieve the same goal. The toolpath is collision aware of the part, and for complex machining, the toolpath can also be aware of the tool holder.

**Faster, more flexible multiaxis programming.** As more shops seek the benefits of a single setup, multiaxis cutting strategy, Mastercam 2022 adds new techniques and strategies such as the Unified Multiaxis toolpath which allows you to select multiple pieces of input geometry to generate the toolpath pattern. Using those geometry choices, the toolpath picks the best algorithm to calculate the path. Multi-pass on Deburr toolpaths supports flat chamfered and rounded edges which gives the user added flexibility, allowing the Deburr toolpath to create a quality surface finish on larger chamfered or radiused edges.

**Modeling advances.** Mastercam 2022 introduces powerful mesh creation and editing capabilities that deliver a new class of modeling tools, including the ability to reconstruct models from scanned data. Being able to directly edit wireframe geometry without interacting with the dialog box speeds up design and modification work. And the Overflow UV function allows you to replace multiple surfaces with inconsistent flows with a single surface for flowline toolpaths. You can also simplify surfaces for general modeling. Overflow UV generates a single unified surface with a desired UV flow on a connected set of surfaces.

**Enhanced intelligence and automation.** A suite of system-wide enhancements helps automate tasks and speed your workflow. New automatic region chaining uses a "smart" approach to auto-select logical chained areas. Holemaking from imported solids is faster as Mastercam will now automatically extract appropriate information and pre-populate your programming options. Even tool imports have been made more intelligent as Mastercam will infer more tool properties from an incoming tool CAD model.

## ***Medidata Launches myMedidata Registries to Transform Awareness, Access, and Retention of Patients in Clinical Trials***

8 June 2021

Medidata, a Dassault Systèmes company, launched myMedidata Registries, a new technology that expands and strengthens the myMedidata patient portal to engage patients before and after (i.e., long term follow up/safety surveillance) a clinical trial. This empowers patients to learn more about clinical trial opportunities and provides an experience that allows for active participation throughout their clinical trial journey. With increasing interest and adoption of decentralized clinical trials, myMedidata Registries gives patients continuous support in and out of a trial with access to one portal for all of their research needs - providing an everlasting engagement on one portal for life.

Issues surrounding patient awareness of and access to clinical trials have been roadblocks to

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participation for many years. According to the Center for Information and Study on Clinical Research Participation (CISCRP), only 25 percent of individuals reported being “very confident” in their ability to find a clinical research study. Furthermore, 98 percent of individuals surveyed were willing to participate in another study, yet many reported they never heard back from anyone after the study was completed, be it clinical trial results, patient data return, a thank you note, or an invitation to a new study. These individuals are never engaged and the traditional recruitment cycle starts anew with each upcoming trial.

“The time for myMedidata Registries is now,” said Anne Marie Mercurio, a distinguished patient advocate and caregiver, and a member of Medidata’s Patient Insights team. “The patient community needs a quick, easy, secure way to get engaged with clinical research. My message is: Don’t miss out – the more who join, the faster we can get the scientific evidence to better understand and treat diseases.”

Built directly on the Medidata Clinical Cloud, the only unified technology platform dedicated to clinical research, myMedidata Registries provides education, pre-screening, patient data collection, and opportunities for video visits before a patient travels to a site or is enrolled into a study. Clinical trial sponsors and CROs using myMedidata Registries have a direct, secure connection with trial participants via notifications and alerts, allowing them to optimize trial participation, and increase product and trial awareness.

“myMedidata Registries is designed to transform patients’ clinical trial experiences from being a transactional and impersonal process to a seamless and engaging one that deepens relationships between participants, sponsors, and trial sites,” said Kelly McKee, Vice President, Patient Registries and Recruitment at Medidata. “This redefines Medidata’s end-to-end technology solutions and represents a major advance for the life science industry, providing patients with a new option to pursue care.” See how the registry works by clicking [here](#).

myMedidata Registries - first introduced in the US and with other countries to follow - provides sponsors with one, unified ecosystem for patient identification, study execution and end-of-study patient communications, including patient data return. Once a new therapeutic, vaccine or medical device is on the market, myMedidata Registries allows sponsors and CROs to continue to engage with participants when long term follow up (LTFU) and safety monitoring is required. Regulators require LTFU for thousands of studies, with human gene therapies needing 15 to 30 years or more. Additionally, myMedidata Registries can be used to bridge patients moving from Phase 2/3 to Phase 4 clinical trials.

## Medidata Patient Insights and Patient Centricity by Design

myMedidata Registries was designed for patients by patients, in partnership with Medidata’s Patient Insights team. Medidata’s team of dedicated patient advocates uses the Patient Centricity by Design (PCbD) process that infuses the patient perspective into the software development life cycle to create technical solutions that improve the overall patient experience in clinical research interactions. The PCbD initiative was named the first-place winner at the 2021 SCOPE Participant Engagement Awards.

## The myMedidata Patient Portal

myMedidata is a web-based, single-destination patient portal, encompassing all of the capabilities of Medidata’s patient-facing solutions for electronic consent and clinical outcomes assessment (eCOA) along with live video investigator/patient visits using myMedidata LIVE all through one web-based intuitive interface. With myMedidata, patients can use any online device to virtually learn, enroll and participate in clinical trial activities. With more than 20 years of innovation, Medidata offers a streamlined and trusted approach to decentralized clinical trials.

Medidata is a wholly owned subsidiary of Dassault Systèmes, which with its 3DEXPERIENCE platform

is positioned to lead the digital transformation of life sciences in the age of personalized medicine with the first end-to-end scientific and business platform, from research to commercialization.

## ***NEC Continues Global Launch of UNIVERGE BLUE® Cloud Platform Services to the UK Market***

1 June 2021

NEC Corporation (NEC), a leading, financially stable provider and integrator of advanced IT, communications, networking and biometric solutions, is announcing the general availability of NEC UNIVERGE BLUE® CONNECT, a fully integrated unified communications as a service solution (UCaaS), and NEC UNIVERGE BLUE® ENGAGE, a contact centre as a service (CCaaS) solution, in the UK.

### **Born in the Cloud Partnership**

NEC UNIVERGE BLUE CONNECT and UNIVERGE BLUE ENGAGE are designed for businesses of all sizes, from enterprise to SMB. Since its launch on 21 April 2020 in the US, feedback is overwhelmingly positive, with thousands of resellers and businesses benefitting from flexible and adaptable solutions that can support the shift to a distributed workforce and hybrid working. The product rollout sees the launch in the UK, other territories across EMEA, Australia and beyond. The strategic partner NEC selected for this significant expansion of its offering is Intermedia Cloud Communications - a US-based 'born in the cloud' and award-winning communications software provider.

### **Differentiation**

UK & Ireland Sales Director Andrew Cooper says, "UNIVERGE BLUE offers genuine differentiation. As arguably one of the broadest cloud platforms available, it enables telecoms, collaboration, back up, security, webinars, file sharing and more within a single solution. If purchased from different vendors, all these have their own costs along with the resources to maintain and integrate them. If these are consolidated and streamlined, the cost of ownership is lowered considerably. Businesses can also benefit from monthly billing - users only pay for what they use and user licenses can be altered month by month."

The launch also presents further benefits for channel partners and Andrew Cooper continues, "On-boarding partners should be empowering, not burdening. Our Partner Program philosophy is 'We work for you' with partners getting to maintain control of customer ownership.

UNIVERGE BLUE CONNECT and ENGAGE are now generally available for NEC's UK Business Channel Partner Community and customers. This announcement represents phase three of a worldwide rollout that will ultimately include partners around the globe by the end of 2021.

With fully integrated conferencing, collaboration, screen sharing and video conferencing capabilities available from desktop or mobile devices, UNIVERGE BLUE MEET provides reliable, stress-free meetings from anywhere, at any time.

NEC's go-to-market strategy will be maintaining the 100% indirect sales channel using selected resellers across the UK as well as Nimans as launching partner distributor - the largest telecommunications distributor in the UK.

Nimans Dealer Sales Director Tom Maxwell explains, "Unlike other cloud telephony solutions, the UNIVERGE BLUE partner program enables resellers to stay close to their customers with greater control of pricing and billing.

There's a real focus on making the initial on-boarding as simple as possible - resellers can choose the partner model they're most comfortable to start with and take it from there."

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Darren Scott-Healey, CEO of Taylor Made Solutions adds, “What sets UNIVERGE BLUE CONNECT apart from the competition is the strength of the voice capabilities with over 100-plus telephony features. Building from there, the video conferencing, file sharing and contact centre packages provide an easy path for upgrades. Our customers quickly identify the advantages of more streamlined IT administration and costs by combining their cloud services with us.”

## ***Radica Software Integrates Electrical CAD Software with OpenBOM***

3 June 2021

Radica Software, the developer of Electra Cloud electrical CAD software, has partnered with OpenBOM to integrate their online collaboration solutions. The integration creates a new feature that allows users of Electra Cloud to export and convert bills of materials (BOM) directly into OpenBOM with just a few clicks.

This new feature is crucial for any team working on design projects using multiple software such as 2D/3D CAD drawing solutions, who can now have all BOM reports exported easily into a centralized location on OpenBOM and allow team members to access the files in real-time. The new feature is particularly helpful to anyone using Onshape product design platform and at the same, it is also available to all users of Electra Cloud.

Having real-time access to BOM reports in a centralized location is crucial to speed up communication and collaboration between design, engineering, manufacturing, and purchasing departments.

Thomas Yip, CEO of Radica Software said, “Automation is key to making work efficient and productive. Previously, users of Electra Cloud ECAD had to manually export their bill of materials that contained a long list of parts, components, pricing info, and others into OpenBOM. We’ve been getting requests from users to make this process simpler and that motivated us to work with OpenBOM to solve the issue. This has kickstarted our partnership with OpenBOM.”

“The new integration between Electra Cloud ECAD software and OpenBOM helps engineers to streamline the information flow between engineers and the rest of the team. It eliminates the mistakes and supports modern connected SaaS application approaches,” says Oleg Shilovitsky, CEO and co-founder of OpenBOM. “By partnering with Radica Software, OpenBOM expands the line of CAD add-ins supported by OpenBOM and supports multi-disciplinary BOM collaboration,” continued Shilovitsky.

The integration also allows automatic extraction and synchronization of data via OpenBOM with accounting systems, which help improve purchasing processes for project owners. In addition, it provides users with real-time data and real-time collaboration, so they no longer need to worry about version control.

“One of the advantages of using OpenBOM is that it saves time and costs because it has ready-to-use templates, making creating a BOM report a simple task,” Thomas explained.

Both Radica Software and OpenBOM are also discussing potential deeper integration including allowing OpenBOM users to export data into Electra Cloud. Electra Cloud is the world’s first fully browser-based electrical CAD software with Vecta.io, a powerful graphics editor software, also developed by Radica Software, as its engine. The cloud-based software allows third parties to build their own custom vertical solution on top of Vecta.

## ***ROHM's new Support Site for Designers: Ensuring Functional Safety in Vehicles***

8 June 2021

ROHM's new website consolidates 1,000 products under the ComfySIL™ brand to support functional safety in automotive systems. Improving the searchability of products and various documents contributes to greater work efficiency for electronic circuit and system designers in the automotive field.

In recent years, following the acceleration of technical innovation represented by ADAS (Advanced Driver Assistance System) in the automotive sector, it has become necessary to consider functional safety to help prevent accidents. At the same time, in response to the increasing importance to ensure vehicle safety by supporting safety requirements at the device level for onboard electrical systems, a 2nd edition of ISO 26262, the international standard for functional safety, was released in December 2018 that adds a chapter on semiconductor.

ROHM quickly responded to these needs, and in March 2018 successfully acquired ISO 26262 development process certification from 3rd party certification body TÜV Rheinland. Since then, ROHM gradually expanded its portfolio to include documents required for functional safety design, and currently features a lineup of more than 1,000 compatible part numbers.

This new special site consolidates functional safety compliant products under the brand name ComfySIL™ that will be used on the web and relevant documents to significantly improve product searchability.

The ComfySIL™ brand targets not only vehicles, but also functional safety for other markets as well, and going forward we will expand our lineup products that support functional safety for the industrial equipment field as well.

As the role of semiconductors in the automotive and industrial equipment markets continues to grow, ROHM will strive to manufacture high quality products and contribute to the creation of a safer, more secure, environmentally friendly automotive society through its products.

### **ROHM Automotive Product Initiatives**

Under a corporate objective of 'Quality First' established since its founding, ROHM utilizes a vertically integrated production system within the group that infuses superior quality into every process, from development to manufacturing, while also providing reliable traceability and an optimized supply chain.

We have built a dedicated line for automotive products and carry out development that complies with quality management system (IATF 16949) and electronic product reliability (AEC-Q100/101/102) standards.

In 2015, ROHM began to establish an ISO 26262 process to address functional safety, and in March 2018 acquired ISO 26262 development process certification from 3rd party certification body TÜV Rheinland.

### **Functional Safety Categories and Documentation**

ROHM has identified three functional safety product categories. (Currently, only the automotive field is supported.)

- **FS process compliant**

A product that has been developed based on an ISO 26262 design process compliant to the ASIL level described in the datasheet.

- **FS mechanism implemented**

A product that has implemented safety mechanism to meet ASIL level requirements described in

the datasheet.

- **FS supportive**

A product that has been developed for automotive use and is capable of supporting safety analysis with regard to the functional safety.

## ***Siemens enhances Nucleus ReadyStart for Arm platforms with enhanced debug, security and stability features***

4 June 2021

Siemens announced that the newest version of its Nucleus™ ReadyStart™ software for Arm®-based devices has been updated to provide enhanced support for the Arm Cortex® family of processors.

Version 4.1 of the solution, which includes an expanded debug agent, as well as new functionality for enhanced security, usability and platform stability, is now available. Updates to the integrated WolfSSL and OpenSSL components within Nucleus 4.1 enable embedded developers to achieve higher productivity gains while boosting security and performance for today's sophisticated end-products.

Based on the Nucleus™ software real-time operating system (RTOS) from Siemens Digital Industries Software, Nucleus ReadyStart 4.1 is designed to work with the Siemens Embedded IOT Framework, enabling embedded devices to be securely onboarded, monitored, managed and updated from a variety of commercial cloud platforms.

Nucleus ReadyStart software is a bundled solution comprising toolchains, source code and embedded development/analysis tools to provide a single, "ready-to-use", royalty-free RTOS solution. For embedded developers who rely on Arm-based technologies for their latest products, the Nucleus ReadyStart solution helps reduce time to market with integrated tools and easy-to-use workflows.

Found in hundreds of billions of devices across the globe, Arm processors are optimized for low-cost and energy-efficient microcontrollers used in applications such as industrial, consumer and Internet of Things (IoT) products.

### **A single distribution to accelerate embedded system development**

Resource constraints and time to market are key challenges facing today's embedded developers, so Nucleus ReadyStart provides the key components necessary to develop devices that require hard real-time performance with a small footprint. As a single distribution that accelerates fast bring-up of a complete system, and offering rich board support packages (BSPs), the Nucleus ReadyStart solution includes Siemens' Sourcery™ software tools, including the Sourcery™ CodeBench software toolset, integrated user interface (UI) development technology, and power management services to support fast and reliable systems development.

"Siemens' embedded runtime products continue to serve today's growing software development needs with highly innovative solutions," stated Scot Morrison, general manager, Embedded Platform Solutions, Siemens Digital Industries Software. "Our comprehensive Nucleus ReadyStart solution for Arm architectures leverages our advanced embedded technologies so customers can realize time and cost savings, and focus on delivering innovative products."

The new Nucleus ReadyStart platform is available today.

## ***Standard Lifters Inc. launch 3D Online Configurator with on-demand CAD models powered by CADENAS***

8 June 2021

### **Interactive product configuration enables more transparency in product selection and reduces design time**

Standard Lifters Inc. has released an on-demand product configurator featuring instant access to 3D CAD models of their die components for the global metal stamping industry. The U.S. manufacturer was born from the idea that high-quality, standardized components would allow for superior production performance and savings for tooling suppliers. The new interactive product configurator based on the eCATALOGsolutions technology powered by CADENAS provides 3D CAD models for free download in over 150 neutral and CAD formats, e.g. Solid Edge, SOLIDWORKS, NX, Autodesk Inventor and MegaCAD. Through this comprehensive service, Standard Lifters are able to reduce their customer's design time while providing an innovative digital customer experience.

### **3D CAD product configurator makes innovative Standard Lifters components shine**

The new tool enables users to instantly customize and download die components to test fit in their preferred format. This way, Standard Lifters improves their customer experience for an expanding global audience: "Our innovative designs really come through visually, so it's a lightbulb moment when designers and engineers can see a high-quality image and match that with a configurable preview of the product," says Jeff Blackmore, Director of Sales and Marketing at Standard Lifters. He adds, "We strive to be on the forefront of innovation and a gold standard for our customer base. We recognized that our existing CAD delivery method wasn't meeting that goal. Different regions and industries have different preferences, so we want to make sure that we have a CAD offering that is suitable for everyone and adds value to their design process."

### **Live pricing module for more transparency in product selection**

The new product configurator includes a live pricing module which displays the list price based on a selected configuration. "By including live pricing, we are removing barriers and adding transparency to the specification process for our users. This innovation sets us apart within our industry and allows users to make a more educated decision when selecting which product is best suited for their application," says Blackmore.

## ***SteepGraph announces latest AutoLEAN release for Aras Innovator***

7 June 2021

SteepGraph is pleased to announce the latest release of AutoLEAN, a one-stop, integrated solution Product Lifecycle and Quality management for Automotive Suppliers. AutoLEAN enables automotive suppliers to reduce cost and increase productivity by quickly aligning processes with Automotive standards like IATF-16949:2016, ISO 90001:2015. Support for tools and processes such as Advanced Product Quality Planning (APQP) and the Production Part Approval Process (PPAP) help companies organize data into a single comprehensive source of truth. Mr. Himanshu Zalavadiya, CEO SteepGraph Systems noted, "As we talk to customers and prospects about AutoLEAN, they are excited by the power it has. By packaging lean concepts into a PLM solution, they can consolidate a myriad of disconnected spreadsheets into a single source of truth that they are confident in."

Using AutoLEAN, suppliers can easily collaborate internally and with customers (OEMs and other suppliers in the supply chain), ensuring the correct data is shared with the right stakeholder reducing risk

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and improving quality. Customers have used AutoLEAN for digital factory enablement for RFQ, PPAP, APQP, and Audit Management.

Contact Steepgraph for more information on their **AutoLEAN solution**.