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## CIMdata News

### ***Attendee Poll Results—PLM Road Map & PDT North America 2022 - Digital Thread—Today’s Reality and Trends for Tomorrow – a CIMdata Commentary***

22 June 2022

*Key takeaways:*

- While current implementation and near-term investments in the digital thread are greatest in product development, it is being extended more broadly throughout the lifecycle to support product production and product conceptualization.
- The complexity of impacts on the organizational and cultural resistance are considered major inhibitors of digital thread adoption.
- Industrial organizations need tailored education and expert support services to assist with strategy and execution to achieve the value potential of the digital thread.

During the recent PLM Road Map™ & PDT North America 2022 conference, [1] attendees were asked to complete a survey to indicate their current state and plans for implementing the digital thread within their companies. The survey explored this topic in three dimensions:

- Where in the product lifecycle the digital thread is implemented and delivering value
- Product structure views that are linked together as a digital thread
- Principal inhibitors to formulating and executing a digital thread strategy

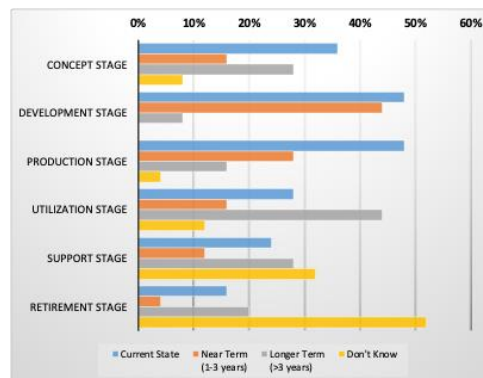
A total of twenty-five, primarily end-user, attendees completed the survey, providing a statistically significant sample.

Respondents were first presented with an illustration of product lifecycle stages and asked to indicate where in the lifecycle (see Figure 1) the digital thread is implemented and delivering value within their companies.



*Figure 1—ISO 15288 System Lifecycle*

The status of digital thread as currently implemented and as planned within the various lifecycle stages is shown in Figure 2.



*Figure 2—Where in the Product Lifecycle the Digital Thread is Implemented and Delivering Value*

# CIMdata PLM Industry Summary

## Currently and As Planned

According to the survey respondents, current implementations and near-term investments in digital thread is greatest in the *Development Stage*, followed closely by the *Production Stage*, and then by the *Concept Stage*. Longer-term investment is planned for the *Utilization Stage* and *Support Stage*. Interestingly, the “Don’t Know” responses increased in stages proportionate to their degree of separation from the *Development Stage*. This may indicate that digital thread awareness and maturity decrease as lifecycle stages increase in distance from the *Development Stage*.

Respondents were next presented with a list of product structure views and asked to indicate which views are linked together as a digital thread currently or in plan within their companies. The results are consolidated and presented in Figure 3.

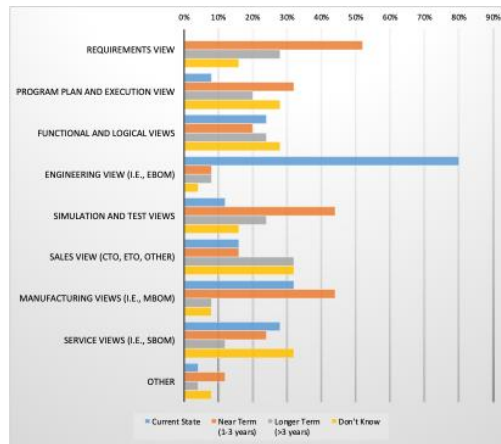
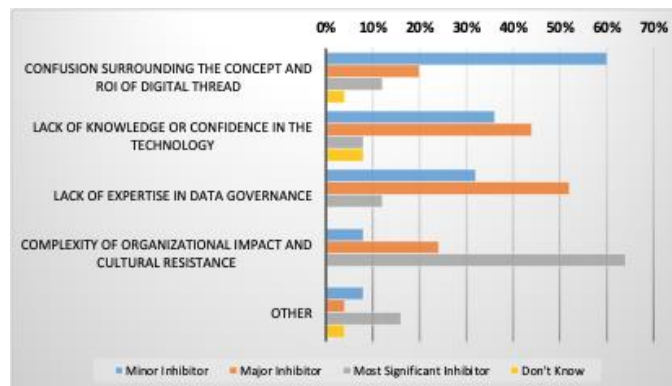


Figure 3—Product Structure Views that are Linked Together as a Digital Thread Currently and As Planned

Currently, the most prevalent linkages are within the Engineering view, and then between Engineering (i.e., EBOM), Manufacturing (i.e., MBOM), and Service (i.e., SBOM) views. In the near term, plans are to continue investment in linkages between Engineering, Manufacturing, and Service and extend linkages to Requirements, Simulation and Test, and Program Plan and Execution. In the longer term, plans are to extend linkages to Sales and continue investment in linkages between Engineering and Requirements. Within every timeframe, substantial investment is planned for Functional and Logical as the intermediate linkage between Requirements and Engineering.

Finally, respondents were asked to weigh in on inhibitors to formulating and executing a digital thread strategy within their companies. They were provided with a list of four possibilities and offered the option to propose others. The respondents’ opinions are presented in Figure 4.



# CIMdata PLM Industry Summary

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## *Figure 4— Principal Inhibitors to Formulating and Executing a Digital Thread Strategy*

The most significant inhibitor in the view of most respondents (64%) is *Complexity of Organizational Impact and Cultural Resistance*. Other factors considered major inhibitors by many respondents are *Lack of Expertise in Data Governance* (52%) and *Lack of Knowledge or Confidence in the Technology* (44%). Other factors called out by respondents as the most significant inhibitors included “complex technical dependencies,” “massive legacy problem,” and “cost.”

Interestingly, most respondents (60%) did not see *Confusion Surrounding the Concept and ROI of Digital Thread* as a significant inhibitor. In contrast, there is clearly a need for tailored education and expert support services to assist industrial companies with strategy and execution to achieve the value potential of the digital thread.

### Summary Observations

The following key takeaways can be derived from the analysis of the survey results:

- Current implementation and near-term investment in the digital thread is greatest in the *Development Stage*, followed closely by the *Production Stage* and then by the *Concept Stage*.
- The most prevalent digital thread linkages are within the Engineering view, and then between Engineering (i.e., EBOM) and Manufacturing (i.e., MBOM) and Service (i.e., SBOM).
- In the near term, digital thread investment will continue in linkages between Engineering, Manufacturing, and Service, and extending linkages to Requirements, Simulation, and Test, and Program Plan and Execution.
- The most significant inhibitor in the view of most respondents (64%) is *Complexity of Organizational Impact and Cultural Resistance*.
- Factors considered to be major inhibitors by many respondents are *Lack of Expertise in Data Governance* (52%) and *Lack of Knowledge or Confidence in the Technology* (44%).
- There is clearly a need for tailored education and expert support services to assist industrial companies with strategy and execution to achieve the value potential of the digital thread.

## ***CIMdata Releases White Paper on Supplier Collaboration***

23 June 2022

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces the release of a White Paper focused on global supply chain collaboration in the Aerospace & Defense (A&D) industry. Large aircraft manufacturers are moving to model-based processes for collaboration with their partners and suppliers. CIMdata’s work with the Aerospace and Defense PLM Action Group highlights the challenges these companies face and their requirements for an improved solution. Siemens Digital Industries Software’s collaboration and supplier management solution looks to address those concerns.

Collaboration among Original Equipment Manufacturers (OEMs) and their product design and manufacturing engineering partners and suppliers is critical to executing any major aerospace and defense program. In the past, product developers have been seriously hindered by relying on traditional, document-based development processes. One of their major business challenges is to achieve OEM and supply chain collaboration through the bidirectional exchange of Technical Data Packages (TDPs)[\[1\]](#) using digital tools and model-based processes. However, there are many facets to this challenge that must be addressed.

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The Aerospace & Defense PLM Action Group's Global Collaboration team has published a [position paper](#) on their view of the future desired state for a collaborative supply chain environment: It predicates a synchronous collaboration solution that works in parallel with industry CAD and data interchange standards to ensure control and bi-directional communication and sharing. The solution should improve interoperability between collaboration communities while minimizing manual intervention. It should provide a non-proprietary data format to allow system- and solution-agnostic movement of data between organizations irrespective of the end point solutions used to create and maintain the data being collaborated.

In response to this vision, Siemens Digital Industries Software provides a model-based digital thread approach built on its Xcelerator portfolio.

Dr. Ken Versprille, CIMdata Executive Consultant, noted, "Supply chain issues are at the forefront of today's interactions in many industries. The Aerospace & Defense industry is no different. Given the size and complexity of their products, effectively managing the design and production of aircraft is critical."

The CIMdata White Paper on Supplier Collaboration is available at: [www.CIMdata.com](http://www.CIMdata.com).

## ***CIMdata to Host a Free Webinar on the Business Value of the Multi-view Approach to Lifecycle Product Structures Management***

21 June 2022

CIMdata, Inc., the leading global product lifecycle management strategic management consulting and research firm, announces a free educational webinar, "Business Value of the Multi-view Approach to Lifecycle Product Structures Management." The webinar will take place on Thursday, July 28, at 11:00 a.m. (EDT) and last for one hour.

In the Multi-view Approach to Lifecycle Product Structures Management, referred to by some as the "multi-view BOM approach," a consolidated information resource contains all the information and maintains all the relationships between data elements that are needed to support the perspectives of multiple communities within Product Engineering, Manufacturing, and Service. The basis of value with this approach is automated reconciliation and synchronization across domain views that can be created and managed with optimal autonomy.

CIMdata's research and industrial consulting activities have revealed that commercial PLM solutions have advanced within the last five years to enable this approach. In response, leaders in many industries are starting to implement multi-view solutions. With the newness and complexity of this application, there is little experience to draw from to identify and predict value. This webinar will describe several case studies and the expected business value identified by those making these investments.

This webinar will help attendees:

- Understand the interrelated concepts of Digital Thread, lifecycle product structure, and the connection between the four principal product structure configurations.
- Understand the purpose of eBOMs, mBOMs, and sBOMs and the unique strategic benefits of the multi-view BOM approach.
- Comprehend the state of maturity of multi-view BOM capability available in commercial software and maturity of industrial implementations.
- Appreciate the challenges, successes, and value objectives of industry leaders implementing multi-view BOM solutions.

# CIMdata PLM Industry Summary

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According to webinar host James Roche, CIMdata's Aerospace & Defense Practice Director, "Within the last 3 to 5 years, commercial PLM solutions have advanced to enable the Multi-view Approach to managing bills of materials and other lifecycle product structures, including domain-specific structures for mechanical, electrical, and software. In this approach, a consolidated information resource contains all the information and maintains all the relationships between data elements needed to support the perspectives of multiple communities within Product Engineering, Manufacturing, and Service. And the sufficiency of these capabilities for complex products was validated through benchmarking in 2020. This is a big deal. But it is complicated, and it is new. Two reasons why learning from the experience of industry leaders and teaming with solution experts is so important."

Jim Roche has 35+ years of experience in transformation and IT enablement of product development and manufacturing processes. Before joining CIMdata, he was a PLM Practice Manager at CSC Consulting and A.T. Kearney. He was also at EDS, serving as the chief architect for General Motors' global engineering systems and as the head technical negotiator for strategic supplier contracts.

Anyone with responsibility or interest in product program integration, systems engineering, PLM program planning, digitalization, or the digital thread will find this presentation interesting.

During the webinar, attendees will have the opportunity to ask questions about the topics discussed. To find out more, visit: <https://www.cimdata.com/en/education/educational-webinars/webinar-business-value-of-the-multi-view-approach-to-lifecycle-product-structures-management>. To register for this webinar, please visit <https://register.gotowebinar.com/register/749637555703987472>.

## ***Questions from the 2022 PLM Market Update Webinar - a CIMdata Blog Post***

21 June 2022

You may be aware that CIMdata has been hosting a series of educational webinars. We have seen record attendance and many of the past webinars are available for replay from the [CIMdata Webinar](#) page of our website. Thanks again to all for attending our webinar on PLM Market Update for 2022. In this post, I will try to answer the questions posed during the session that we could not cover. Those of you who were unable to join the webinar you can watch it [here](#).

With IoT technologies and adoption picking up, wanted to ask if you have plans to include the investments in this space in future surveys?

Our surveys focus on revenues by companies we believe are participating in what we define as "the PLM market," not investments by industrial companies. We include IoT revenues for those PLM companies in our survey, adding them to their revenues in our "Other Tools" category. We do not plan to do market research on the broader IoT market as that is covered by other market research firms that focus on that topic.

Does CIMdata have a single pager/table cheat sheet that shows the Company, Tool Sector (MCAD, Simulation and Analysis, EDA, etc.) and Tool Name (SOLIDWORKS, NX; Nastran; ePlan, etc.) that can be shared?

No, we currently do not publish such thumbnail views. Of course, we have that knowledge and leverage it often in our consulting and research work.

Intrigued to get your point of view about Bentley Systems, which essentially offers the same portfolio as Autodesk but does not show as much (revenue) as Autodesk.

Part of the reason is that Autodesk gets a lot of its revenues from its mechanical/manufacturing businesses.

# CIMdata PLM Industry Summary

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Any data on the number of companies who have changed their PLM Software (cPDm) from one provider to another (e.g., ENOVIA user has replaced ENOVIA with Teamcenter?)

No, our market surveys are about the revenues of the software and services companies participating in what CIMdata calls the PLM Economy. We know about many of these deals anecdotally but do not collate and publish that information. Many of the more notable ones make it into the trade press.

How would you categorize QMS systems such as ETQ, which was acquired by Hexagon recently?  
Thanks!

Quality Management Systems (QMSs) are a focused cPDm application in our market segmentation: “systems that address specific business or functional areas, and thus are focused on a sub-segment of the overall PLM market. These software products are often integrated with broader-based PLM solutions within customer implementations to form a full PLM environment. Examples of these applications are independent view and markup packages, content management systems (CMS), enterprise asset management (EAM), portfolio management solutions (PPM), quality management systems (QMS), strategic sourcing systems, and others.” I think of many of these as being adjacent to core product development, often leveraging lifecycle intellectual property to support “focused” topics. They often have security models and support workflow and other functions typical of comprehensive cPDm offerings but do NOT support core engineering work-in-process management. Solutions from this segment are often acquired to flesh out a comprehensive cPDm offering as suggested in the segment definition.

Sparta Systems, another QMS provider, was acquired by Honeywell in 2020. This segment is also interesting to many investment firms with whom we interact.

How does Onshape perform?

I assume that you are asking about the financial performance of Onshape. PTC offers information on this in their Investor calls, and I would point you to their Investor Relations page on [PTC.com](https://www.ptc.com) for related information.

Can you comment on PTC’s move to eliminate their services business (to DXP)?

Services are a lower margin business than software. Ideally, an independent software vendor (IS) has skilled partners who can provide the needed services to support their portfolio. PTC had a lot of skilled and experienced people on their services team, making them particularly expensive. This is a good move for PTC, giving them a partner focused on helping their customers evolve their Windchill implementations while also raising their margins overall.

Why are Aras, Arena, and Propel not included?

Aras was named a “PLM Mindshare Leader” by CIMdata several years ago. As the phrase suggests, this is about “mindshare”, which Investopia defines as “a marketing term that describes the amount of consumer awareness or popularity surrounding a particular product, idea, or company.” Over the years, we got many questions about Aras from industrial clients and their competitors. Big competitive wins at accounts like Airbus, GM, and Microsoft made the whole PLM Economy take notice. Investment firms started to ask about them.

After we decided to name them a Mindshare Leader, we made the decision not to include Aras on all of the PLM market leader charts due to the significant disparity in revenues. ISVs often use our charts to highlight their market position vis-a-vis their competitors. Aras was named a Mindshare Leader because of how they disrupted the comprehensive cPDm segment, taking expansion opportunities from their larger competitors (supported by their “business of engineering” positioning) and eventually replacing

# CIMdata PLM Industry Summary

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legacy systems supporting engineering work in process and spanning more of the product lifecycle. Aras' revenue estimates are shown on the comprehensive cPDM-specific charts, which is a more appropriate reference group.

Arena and Propel are part of the comprehensive cPDM segment. They have always been mentioned by CIMdata as cloud-native solutions in the segment, with particular emphasis on Propel, given our promotion of the platform concept in PLM. They are the only one to date to build a cPDM offering on the Salesforce platform. But these two companies are not included because their revenue estimates are too small to appear on any charts.

So, when you say cPDM is the comprehensive set of solutions, then you cannot include SAP and Oracle, true?

The segment's name is comprehensive collaborative Product Definition management (comprehensive cPDM). Our formal definition is: "Systems that provide a full range of cPDM functionality, have demonstrated scalability, whose products can be distributed across multiple server networks, and have a track record of selling products for use throughout an enterprise. These suppliers typically develop broad product suites that address the full lifecycle of products and plants."

Both Oracle and SAP offer solutions that meet this definition. They each have "innovation management" offerings that support idea management, crowdsourcing, and helping to refine ideas into projects and programs that can be executed, with an increasing set of formal product requirements. Each has requirements management offerings to capture those requirements and project and program management functionality to help manage those efforts. They both can manage engineering work-in-process, integrate with authoring tools, support configuration management, and formally manage change. They support visualization and collaboration use cases for non-authors. They can release an engineering bill of materials (EBOM) to manufacturing. And, of course, a myriad of other cPDM functionality.

One can argue about how well they do these things vis-a-vis their more engineering-centric competitors. Still, they offer them and have multiple customers successfully using them to support product development and the broader lifecycle. You could also say that they do not have a comprehensive set of offerings that span our PLM definition, which is much broader than comprehensive cPDM. That would be a true statement but one of strategic choice, not a failure on their part.

To SAPs credit, they recognized that while their vision for SAP PLM lined up with those of Siemens and others, they could not work their roadmap fast enough to meet the requirements of customers making highly complex products in the automotive, aerospace, and industrial equipment industries. Those problems and industries are the focus of their innovative partnership with Siemens. They are still working on the SAP PLM roadmap because their solution works quite well supporting the product lifecycles for many of their customers in a range of industries.

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## ***The Future of PLM: CIMdata Spotlights Leading CEO's***

24 June 2022

*CEO Spotlight features Aras, PTC and Siemens at PLM Road Map & PDT North America 2022.*

CIMdata's president & CEO, Peter Bilello, recently moderated a Spotlight session at the recent PLM Road Map & PDT North America 2022. The session featured CEOs of Aras, PTC and Siemens Digital

Industries Software. This CEO Spotlight opened with questions about PLM's place in the expanding organizational architectures and end-to-end connectivity seen in today's businesses. Read full article at <https://www.engineering.com/story/the-future-of-plm-cimdata-spotlights-leading-ceos>

## Acquisitions

### ***Sandvik acquires Finland-based Akkurate, a solutions provider of holistic battery management***

20 June 2022

Sandvik has acquired the Finland-based company Akkurate, a frontrunner in holistic battery management, providing remote battery diagnostic- and prognostic platforms. The company will be reported in Load and Haul, a division within the business area Sandvik Mining and Rock Solutions.

“I am very pleased that we continue to execute on our shift to growth strategy. Strengthening our position within electrification is one of the key priorities within Sandvik Mining and Rock Solutions. Sandvik's electric equipment improve productivity and efficiency and contribute to a cleaner working environment, reducing emissions, noise and heat”, says Stefan Widing, President and CEO of Sandvik.

With the acquisition of Akkurate, Sandvik will strengthen its leading position in electrification competence and know-how in battery analytics. It accelerates Sandvik's expansion into battery-electric vehicles by enhancing the current offering, and strengthens Sandvik's position as the strongest in-house developer of BEV technology in the industry.

“The acquisition of Akkurate is aligned with our ambition to enhance and power our customers' safety, productivity and sustainability by supplying our leading battery-electric underground solutions. Whether it's about battery auto-swap technology, increasing voltage, extended battery life or equipment capability and reliability, we aim to lead the industry into the electrification era. We look forward to welcoming Akkurate to the Group,” says Mats Eriksson, President of the division Load and Haul within Sandvik Mining and Rock Solutions.

Akkurate, founded in 2016 by members of Nokia/Microsoft's battery R&D team, consists of a team of 12 professionals with in-depth knowledge of Li-ion technology. Akkurate's head office and battery laboratory is situated in Kaarina (Finland), close to Sandvik's Turku facility. The transaction was signed and closed on June 17, 2022.

### ***Synopsys Completes Acquisition of WhiteHat Security***

22 June 2022

Synopsys, Inc. announced that it has completed the acquisition of WhiteHat Security, a leading provider of application security Software-as-a-Service (SaaS). The addition of WhiteHat Security provides Synopsys with significant SaaS capabilities and market-segment-leading dynamic application security testing (DAST) technology to strengthen what is considered one of the industry's broadest application security testing portfolios. Synopsys and WhiteHat Security, which was acquired by NTT Security Corporation in 2019, share a vision for delivering SaaS-based security testing solutions and building security into the software development lifecycle.

Synopsys paid \$330 million in cash and expects the acquisition to be roughly neutral to FY2022 non-GAAP earnings per share.

"WhiteHat Security helped pioneer SaaS delivery of application security testing and brings powerful

technology and expertise into our application security portfolio," said Jason Schmitt, general manager of the Synopsys Software Integrity Group. "WhiteHat Security's DAST capabilities complement our strengths in static analysis, interactive analysis and software composition analysis, while their expertise in SaaS will accelerate our security testing SaaS capabilities. We are excited about the value this will create for our customers and welcome the WhiteHat Security team as they join us in our mission to build trust in the software that businesses depend on."

## Company News

### ***AVEVA Deepens Commitment to Support Industrial Customers on Decarbonization with New 2025 Goals***

20 June 2022

AVEVA, a global leader in industrial software, driving digital transformation and sustainability, has committed to 15 measurable, timebound Environmental, Social and Governance (ESG) goals for 2025 that aim at advancing a better future for all by transforming the way its partners use the planet's resources. The targets, published in the new AVEVA 2022 Sustainability Progress Report, deepen action around three strategic areas: AVEVA's Technology Handprint, Operational Footprint and Inclusive Culture.

AVEVA's ESG strategy is mapped to the United Nations' Sustainability Development Goals and aims to unlock data-led innovations for a healthy, prosperous future for all. With a portfolio of solutions that is already helping customers across 12 industry verticals to achieve efficiency gains and reduce greenhouse-gas emissions (GHGs), developing and progressing towards the 2025 goals is the next step to achieving the company's ambitious ESG agenda. These ambitions include accelerating the transition to a low carbon future by helping global industry to decarbonize through digital transformation and new sustainability solutions, as well as leading by example on climate action.

"We're committed to contributing to a just, healthy and equitable world, placing sustainability considerations at the heart of our business," **said Peter Herweck, CEO of AVEVA.** "Our software is uniquely positioned at the nexus of the digital transformation and energy transition and has helped customers reduce CO2 emissions by 9-15%, while delivering energy savings of 15-34%. AVEVA's new ESG goals for 2025 reinforce our commitment to improving our own operational sustainability-related considerations, while continuing to help our customers deliver on their net-zero targets."

Progress is already well underway on several of AVEVA's 2025 ESG goals:

- **Develop and deploy green product design principles**
  - AVEVA has begun researching and benchmarking the efficiency and energy consumption of its software with a view to fostering green product design principles.
  - Additionally, AVEVA last year joined the Green Software Foundation to contribute to an industry-wide reduction in carbon emissions.
- **Develop and launch a sustainability innovation program**
  - AVEVA is accelerating its sustainability-related R&D and launching a sustainability center of excellence. The center will focus on fostering co-innovation with its customers, building new capabilities through technology partnerships, and expanding its internal program of sustainability innovation events.
- **Reduce GHGs across operations (Scopes 1&2) by 90%**

# CIMdata PLM Industry Summary

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- In FY22, AVEVA procured 100% renewable energy across its global offices through a combination of direct purchase, green tariffs and renewable energy credits.
- AVEVA has invested in energy-efficient buildings and prioritized office spaces built to LEED and similar green certifications. In FY23, AVEVA has committed to engaging with external vendors to perform efficiency/abatement upgrades across select sites and explore onsite solar photovoltaic opportunities.
- **Reduce GHGs associated with business travel by at least 20%**
  - AVEVA is updating its travel policies and systems to support a long-term shift in business travel practices.
  - The company also recently joined the First Movers Coalition, a global initiative working to decarbonize ‘hard to abate’ industrial sectors. As part of this initiative, AVEVA has committed to sourcing at least 5% sustainable aviation fuels (SAF) by 2030.
- **Progress towards gender equality with 50% new women starters, 30% women in leadership**
  - In FY22, 35.8% of hires were women and one in five (20.7%) of leadership positions are now held by women. AVEVA will continue in FY23 to implement several workstreams to boost the hiring of women globally. Key activities include interview skills and unconscious bias training, as well as strengthening talent acquisition procedures.

## ***Bechtle doubles warehousing space in Germany***

22 June 2022

**Bechtle AG is set to scale up its logistics capacity by opening a new warehousing site in Hamburg-Wilhelmsburg, where the IT company will settle in on no less than 20,735 m<sup>2</sup> of the upper floor of Europe’s very first two-storey logistics property, Mach2. Bechtle’s two major logistics hubs in Neckarsulm and Hamburg thus have a combined area of some 46,000 m<sup>2</sup>. A satellite site in Bielefeld currently adds another 13,500 m<sup>2</sup> or so. In Hamburg, the new site’s close proximity to the port will unburden road transport of IT products coming into Germany by sea. The bulk of orders from customers located in the north and east of Germany will also ship via the new Bechtle hub. In this way, Bechtle is not only shortening its supply chain but also enabling a dramatic reduction of its carbon footprint. First established in 1983, the IT company is planning to have the site set up and fully operational in the fourth quarter of 2022 with 130 people working for Bechtle Logistik Nord.**

Mirroring logistics at the group headquarters in Neckarsulm, Bechtle’s new logistics site will be offering warehousing services including storage, picking, packing and shipping, as well as related services such as configuration and customisation including user-specific software preloads for IT hardware, as well as help desk services. For Bechtle, the new hub is not only a prerequisite to achieve its growth targets, but its also a component of the organisation’s action plan for sustainable logistics laid out in the Bechtle Sustainability Strategy 2030. Together with the Fraunhofer Institute for Integrated Circuits (IIS), Bechtle had conducted an extensive evaluation of a number of possible sites with the aim of cutting down lead times. The resulting geographic recommendation of adding warehousing capacities in northern Germany ultimately informed Bechtle’s decision for Hamburg. Short distances between the sea terminal, freight yard, airport and motorway mean the new site is very well connected by all common modes of transport. In addition, the premises align with Bechtle’s desire to make sustainable use of space in urban areas through their efficient and innovative two-storey design.

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Preliminary internal projections suggest the company can expect a dramatic reduction in transport-related carbon emissions as a result of cutting down on material transport routes, making the site a key contributor to the goals set out in Bechtle's Sustainability Strategy. Among other objectives, Germany's largest IT service provider aims to become carbon-neutral in its areas of influence by 2030 through a combination of avoidance, reduction and compensation.

## Quotes:

"We're absolutely sold on the site not only because of its exceptional location, but also the property's extremely smart design. By shrinking distances, we want to offer our customers in particular much better lead times and high service standards," says Hans Heinold, Managing Director, Bechtle Logistik & Service.

Dr Thomas Olemotz, CEO, Bechtle AG: "Our growth target for 2030 anticipates a business volume of 10 bn euros. The decision to establish another logistics hub is a critical prerequisite for achieving this goal. We're working at full steam to extend our advanced logistics concept from Neckarsulm to our new site in Hamburg. This extension is set to dramatically ease the very tight logistics situation at the Bechtle campus. The sheer number of complex projects translates to an enormous need for space, and we have every intention to put our money where our mouth is and scale up our capacities to match demand."

## ***BSA welcomes three new global members***

22 June 2022

**BSA | The Software Alliance, the leading advocate for the global software industry before governments and in the international marketplace, today announced that Graphisoft, PROKON, and TriNet have joined the association as global members.**

"It has been a pleasure to work with both Graphisoft and PROKON as BSA members in the APAC and EMEA regions respectively, and I look forward to growing these partnerships even further at a global level," said Victoria Espinel, President and CEO of BSA. "Graphisoft and PROKON are at the forefront of digital transformation in the architecture, engineering, and construction fields, applying emerging software technologies like AI and advanced data analytics to solve today's challenges.

"I am also excited to welcome TriNet, a leader in comprehensive HR solutions for small and medium-sized businesses, to BSA as a global member. TriNet's more than three decades of experience supporting the small business sector in various industries will be a vital asset as BSA continues to demonstrate how software and digital transformation are helping organizations in all sectors achieve their goals."

- **Graphisoft** is a global leader in building information modeling (BIM) software that helps building design professionals integrate people, workflows, and data by leveraging advanced software technology. Founded in 1982 and headquartered in Budapest, Hungary, Graphisoft's Archicad solution for the architecture, engineering, and construction fields is used in over 100 countries and is available in 29 localized versions. Architects have used Graphisoft software to develop iconic projects around the world such as The Duke Ellington School of the Arts in Washington, DC, and the Queen's Wharf in Brisbane, Australia, which won the prestigious buildingSMART International Award for Best Design in 2019.
- **PROKON** develops intelligent software tools to support structural and civil engineers, contractors, and construction firms. PROKON supports BIM workflows in over 150 countries, in various languages, and with even more design codes supported. The PROKON 5.0 platform helps architects, engineers, and contractors by providing bidirectional links from analysis to

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design and detailing. PROKON can provide world-class tools for everyday use thanks to its modular approach. PROKON was founded in 1989 and is headquartered in Dublin, Ireland.

- **TriNet** (NYSE: TNET) provides small and medium-sized businesses (SMBs) with full-service human resources solutions. Founded in 1988 and headquartered in Dublin, CA, TriNet offers access to human capital expertise, benefits, risk mitigation and compliance, payroll services, and more through its suite of software-based solutions that streamline HR workflows. TriNet recently launched an enhanced redesign of its technology platform during National Small Business Week, including powerful features such as Workforce Analytics Dashboards, Document Management, Mobile Onboarding, and a Knowledge Center.

Earlier this year, BSA welcomed Alteryx, Cisco, Dropbox, Intel, and SAP as global members.

## ***CGS and Inspectorio Partner to Deliver Deep Visibility, Transparency and End-to-End Quality Control for Fashion Brands, Manufacturers and Retailers***

22 June 2022

Inspectorio, creators of an AI-powered collaboration platform for quality control, tracking and compliance across the production chain, and CGS, a global provider of business applications, enterprise learning and outsourcing services, today announced a global sales, marketing and product partnership. **This agreement will make it easier for manufacturers, suppliers and retailers to align internal shop floor control (SFC) operations with external quality, compliance and on-time delivery (OTD).**

The partnership will improve the value proposition for the companies by combining CGS's BlueCherry® Shop Floor Control technology with Inspectorio's Sight quality management system. Bringing together the two platforms will give customers greater visibility into the supply chain and manufacturing. Seamless integration will bring CGS SFC production data into Inspectorio quality control dashboards. As a result, suppliers and manufacturers get end-to-end visibility with real-time production tracking.

“Now more than ever, every player along the value chain – from suppliers and manufacturers to retailers and customers – is demanding visibility, transparency and insights into manufacturing and shop floor operations,” said Paul Magel, president of CGS Applications Division. “Our newest offering – Shop Floor Control Essential™ – feeds data collected straight from the shop floor into Inspectorio's algorithms and dashboards. **We look forward to working closely with Inspectorio to increase brand awareness within their customer base and expand our global footprint to drive sales and provide customers with the best solution available to deliver actionable insight into operations.**”

Earlier this year, CGS announced the launch and global availability of Shop Floor Control (SFC) Essential at Texprocess Americas. This latest addition to its award-winning BlueCherry suite is a cloud-based solution that enables manufacturers, brands and subcontractors to gain real-time visibility, control and insights into their complete supply chain and factory floor operations from any mobile device or browser.

“By combining forces, we're creating a win-win for everyone. Our combined solution enables total transparency, so our customers can reduce costs, improve product quality, and gain real-time visibility into their operations,” said Carlos Moncayo, CEO and Co-Founder for Inspectorio. **“Working together, we deliver AI-driven quality, compliance and production tracking and deep, real-time insights into every step of the process.”**

By partnering with CGS, Inspectorio will be able to combine its network collaboration features, such as

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self-inspection program governance, remote inspections and risk-based automations, with expansive and detailed Shop Floor Control data to enhance its AI algorithms and improve its reporting and analytics offering for users across all levels of the production chain.

Inspectorio's Sight technology empowers retailers, brands, vendors and factories to optimize their quality, sustainability and compliance operations. Inspectorio leverages machine learning to transition manufacturers from reactive interventions to a proactive, preventative approach to supply chain management. Sight automates quality operations, including activating self-inspections and analyzing large datasets to mitigate risk and ensure compliance.

## ***Eclit chooses HPE GreenLake to launch a new cloud offering and expand its managed services portfolio***

14 June 2022

Hewlett Packard Enterprise announced that Eclit has selected the HPE GreenLake edge-to-cloud platform to launch a new cloud portfolio and expand its infrastructure as a service and managed IT services offering. The comprehensive services suite enables customers to deploy custom-built solutions with an agile, scalable, pay-per-use cloud experience across all workloads.

With more than 20 years of industry experience, Eclit provides simplified and managed IT services to modernize business processes and offer advanced solutions. As part of its growth strategy, Eclit wanted to pursue additional opportunities and therefore selected the HPE GreenLake platform to launch a new suite of cloud services and transform part of its existing IT estate.

"We have ambitious goals for growth as a company", said Evren Balli, Co-CEO at Eclit. "It has been extremely valuable for us to extend the benefits of HPE GreenLake to Eclit and to our customers, to help them accelerate business growth, while achieving multiple benefits across their IT estates."

Eclit is now making available to its customers an extensive cloud services portfolio that includes a broad spectrum of flexible, on-demand IT infrastructure as a service offering, such as compute, storage, data-based management, back-up management, platform as a service and more. Customers can cherry pick what they want with no delay, thus accelerating time to market and gaining speed required to thrive in today's complex world. The new services suite also provides customers with an agile, flexible, pay-per-use cloud experience across all workloads and applications, and eliminates any major upfront capital investment, while ensuring that adequate resources for each workload are ready to deploy in minutes.

HPE GreenLake supports the expansion of Eclit's market leadership, especially around core operational competencies, such as the ability to quickly scale up capacity and resources, while retaining financial flexibility, preserving cash flow, controlling spend, and reducing the cost of over-provisioning. As a result of the implementation, Eclit has been able to increase IT management efficiency by 45% and boost an overall system performance by 25%. Additionally, the company lowered the total cost of ownership by 50%.

"A company's growth strategy is inherently dependent on having the right IT infrastructure", said Eser Esen, Partner Sales Manager at HPE. "HPE GreenLake has been built with partners in mind, to give them a foundation on which to build their differentiated service offerings, so they can lead with their own IP and bring HPE solutions to life. Our HPE GreenLake solutions allow Eclit to differentiate their own offerings without making a large upfront investment, while ensuring a quick, flexible and secure deployment of cloud services."

## ***ESI Group joins the Euronext Tech Leaders segment***

20 June 2022

**ESI Group, a global simulation and virtual prototyping software partner for the industry, announced that it will join the Euronext Tech Leaders initiative, a new segment including more than 100 high-growth and leading Tech companies across Europe.**

*“ESI Group is very pleased to be one of the 100 European companies included in this new Euronext Tech Leaders segment. Such types of initiatives are critical for companies like ours. It’ll help to accelerate the shift of valorization methods of tech companies by the European financial ecosystem. At ESI, we believe that Tech, and software, are key enablers for the creation of a more safe, clean, and more productive industry, by extension, society. It’s a new journey that starts for our ecosystem of European Tech Leaders.”*

***Cristel de Rouvray***

Chief Executive Officer of ESI Group

Euronext’s rich Tech ecosystem brings together 700+ Tech companies listed on Euronext markets with 660+ alumni of its pre-IPO programs and a large international investor base financing all growth profiles of Tech companies.

Euronext Tech Leaders is composed of 100+ high-growth and leading companies, each meeting a specific set of criteria to qualify. It complements Euronext’s existing Tech offer and aims to strengthen the European Tech sector and be a catalyst for the next generation of Tech leaders.

In addition to being recognized for the value it creates for the industrial and tech ecosystems, the company is also part of the, even tighter, segment of women-led Tech leaders (less than 10 over +100 companies). ESI Group’s management is composed of 10 people, 4 of whom are women holding key positions as CEO, EVP Operations & CFO, SVP Governance & General Secretary, and Chief of staff.

As a Euronext Tech Leader, ESI Group will benefit from the suite of services developed by Euronext and its partners to support participants along their listing journey.

## ***Iliane selects HPE GreenLake for expansion of high performing cloud offerings***

14 June 2022

Hewlett Packard Enterprise announced that Iliane, a French cloud services and hosting service provider, has selected the HPE GreenLake edge-to-cloud platform to accelerate the deployment of their cloud offerings for regional accounts. The HPE GreenLake platform meets Iliane’s requirements for flexibility, security, manageability and fast delivery of resources and allows Iliane to administer their IT and cloud offerings with extreme flexibility.

“We provide reliable, high performing and long-lasting solutions to our customers, so we need an innovative storage solution that will scale up with the increasing demand of the market today,” said Eddy LE NENES, General Manager, Iliane. “The HPE GreenLake platform provides budget predictability and control over our expenses without compromising on the scalability, flexibility, or level of support we require to meet our customers’ needs.”

Iliane was eager to acquire cutting-edge technologies with high resiliency, efficiency, and flexibility to support customers’ workloads and applications that run their businesses. Their existing platforms were saturated and upgrading their existing complex infrastructure was essential in order to meet significant business demand and urgent delivery time requirements of their services. Iliane required a solution that reduces their time to market and increases efficiency to meet customer needs without increasing

electricity costs or their carbon footprint.

The new scalable and flexible HPE GreenLake solution is delivered from two new datacenters in western France and delivers mission critical, high performance storage with proactive audits and capacity planning services. Furthermore, HPE GreenLake addresses extreme flexibility requirements by making capacity available on demand.

“HPE worked closely with Iliane to fully understand what was required of their IT and approached this not only as a technical refresh, but also as a solution to meet the future needs of their business long term,” said Paul d'Alena, Channel Director, HPE. “HPE GreenLake is a game-changer for service providers like Iliane, who have increasing demands and a need for resiliency to offer a seamless cloud experience.”

Beyond replacing the storage system in a pay-per-use model, HPE helped Iliane's cloud division implement a cloud-native data infrastructure using the HPE Alletra 9000 to provide efficient and resilient storage, delivered in a cloud experience. HPE Synergy 480 Gen 10 addresses the increasing needs for compute capacities and the HPE GreenLake dashboard and consumption analytics portal enable Iliane to manage their environment successfully with a cloud-native approach.

## ***Industry IoT Consortium and Digital Twin Consortium Publish IoT Security Maturity Model for Digital Twins***

20 June 2022

The Industry IoT Consortium® (IIC™) and the Digital Twin Consortium® (DTC) announced the IoT Security Maturity Model (SMM) Digital Twin Profile. The SMM Digital Twin Profile extends guidance from the previously published IoT Security Maturity Model (SMM): Practitioner’s Guide for digital twin systems. It enables those who design and deploy digital twins to understand how to better evaluate and achieve appropriate security maturity for their systems.

“Digital twins are not simply software as they can be connected and synchronized with real critical assets,” said Ron Zahavi, IoT SMM co-author and DTC Executive Director. “This work is the result of collaboration between the IIC and DTC and explores what is unique to digital twins in the context of IoT security maturity.”

Digital twins are a virtual representation of real-world processes and entities synchronized in frequency and fidelity, thus raising unique security maturity concerns beyond the general considerations. The digital twin profile emphasizes the need to understand the nature of the digital twin system, including one or multiple digital twins and how they relate to assets and organizational boundaries, and the scope and function of the frequency and fidelity of synchronization.

“Digital twin technology is becoming central to digital transformation, so it is important to understand how to achieve security maturity when using it,” said Frederick Hirsch, co-author of the IoT Security Maturity Model and co-chair of the IIC Trustworthiness Task Group. “This profile will enable a better and faster understanding of the issues related to security maturity for digital twin systems.”

The profile highlights that maturity for the SMM security practices can range from considering twins and assets separately to pro-active considerations of the complete systems. The document guides the eighteen SMM practices ranging from security program management to data protection, remediation, and recovery related to this need range.

“Security and trustworthiness in connected systems depend just as much on people and process as they do technology,” said Jon Geater, co-author of the IoT SMM Digital Twin Profile and Chief Product

Officer at RKVST (formerly Jitsuin). “The release of this detailed maturity model for vendors and users of digital twins is a huge step forward in enabling understanding and evaluation of trustworthiness of these systems in the real world.”

Organizations can combine the Digital Twin Profile with SMM mappings such as the industrial manufacturing 62443 mappings to relate concrete security controls requirements with maturity comprehensiveness levels for practices. They can also combine it with other SMM vertical industry profiles to provide digital twin guidance that is useful for various industries. In conjunction with the general guidance in the SMM practitioner’s guide, these guides can help practitioners achieve an appropriate level of security maturity for digital twin systems.

“The release of the digital twin security maturity models adds an important step to achieving safe and secure operation of connected systems of systems,” Dr. Detlev Richter, TÜV SÜD Product Service GmbH, Vice President, Global Head of Industrial and Energy Products.

## ***Jama Software® and Sparx Systems Enhance Best-of-breed Tools Integration to Strengthen Live Traceability™ Across Systems Development***

22 June 2022

Jama Software®, the leading requirements management and traceability solution provider, has partnered with Sparx Systems to release a native integration between Enterprise Architect through Pro Cloud Server and Jama Connect®.

Jama Software’s industry-leading platform helps organizations manage requirements with Live Traceability™ through the systems development process for proven cycle time reduction and quality improvement. Sparx Systems is a leading integrated modeling and collaboration platform aimed at creating, sharing, and verifying models as a reference for building complex systems.

The seamless integration provides a real-time synchronous connection to the Enterprise Architect repositories. Users can work on the same model, at the same time, from anywhere in the world. Teams using a model-based systems engineering (MBSE) approach are provided an integration into another best-of-breed tool while maintaining Live Traceability within Jama Connect.

Live Traceability between Jama Connect and Enterprise Architect provides systems engineers, business analysts and software developers with real-time visibility between requirements and system models, enabling:

- Instant access to view Jama Connect requirements and properties without leaving Enterprise Architect.
- The ability to selectively create links between model elements and requirements
- Seamless participation in the comment stream across tools
- The creation of new model elements directly within Jama Connect
- Bi-directional synchronization of changes
- Simple and efficient setup and administration

This holistic approach will reduce the amount of iteration on requirements that take place in siloed tool environments as well as reduce the risk associated with manual efforts associated with tracing between disconnected tools.

*“The integration between Jama Connect and Enterprise Architect is a significant addition to Jama Connect’s best-of-breed ecosystem that is not only unique but essential for achieving Live Traceability across the systems development lifecycle,”* stated Tom Tseki, Jama Software’s Chief Revenue Officer. *“Jama Software’s ecosystem of connected best-of-breed tools continues to expand and the*

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*Requirements Traceability Alliance members are committed to interoperability across the entire system development toolchain.”*

*“This first release of the Jama Connect integration for Enterprise Architect further cements Sparx’s commitment to integrate, harmonize, and work with industry-leading tools in the modeling and design space,”* stated Geoffrey Sparks, CEO at Sparx Systems. *“The Jama Connect Integration ensures the many modelers currently using our respective tool suites can share modeling and design info in a way that plays to the strength of each tool and seamlessly accelerates development. It has been a pleasure working with the Jama Software team and being able to bring this capability to our users and we look forward to future developments building upon this first release.”*

## ***LTI Inaugurates Satellite Center in Kolkata***

17 June 2022

Larsen & Toubro Infotech, a global technology consulting and digital solutions company, has expanded its operations in Kolkata by setting up a new facility in the city. The new center marks company’s expansion in the Eastern region of the country and is designed to meet the requirements of a futuristic and modern workplace. The center was inaugurated today by Nachiket Deshpande, Chief Operating Officer, LTI, Manoj Shikarkhane, Chief Human Resource Officer, LTI, Niruppam Chaudhuri, Regional Head, NASSCOM, and Debasish Sen, Chairman of Nabadiganta Industrial Township Authority (NDITA).

Located in the Salt Lake Electronics Complex, the new center is equipped to house more than 300 employees. The center will support LTI’s service delivery capabilities for Cloud, Data, and Digital technologies and create exciting career opportunities for local talent seeking experiences in these futuristic domains. It will also offer LTI’s clients the benefit of increased access to a larger talent pool from the state and the region.

Nachiket Deshpande, Chief Operating Officer, LTI, said: “Kolkata boasts of a rich industry-academia ecosystem, and we are excited about our foray into the City of Joy. This center is launched in response to requests from our current and potential employees in the region. We are thrilled to mark our presence in the city and are committed to a long-term association with the region.”

Manoj Shikarkhane, Chief Human Resources Officer, LTI, commented: “We are witnessing monumental changes in the work, workplace, and workforce of the future, and are establishing more talent hubs across the country. Our expansion in Kolkata aims to benefit the overall technology landscape in the region. We are excited about our new start in this city and look forward to accelerated growth in times to come.”

LTI leveraged the opportunity to set base in the eastern region of the country to address the increasing demand for satellite workplaces. As one of the top technology companies in the nation, LTI encourages new ways of working and believes in taking work to people instead of bringing people to work. LTI is upbeat about the potential of the new Kolkata center and intends to offer enriching technology careers to local talent as well as solve better and solve faster for customers.

Niruppam Chaudhuri, Regional Head, NASSCOM, said: “The surge in demand for digital technologies from enterprises across the globe has opened plethora of new-age career opportunities for country’s aspiring talent. Kolkata bears a rich heritage and serves as best-fit destination to groom talent of the future. We extend a warm welcome to LTI as it expands its presence in the region.”

Shri Debasish Sen, Chairman of NDITA, commented: “Salt Lake is emerging as a preferred destination for IT service providers interested in setting their base in the city. As one of the fastest-growing

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technology players, LTI's expansion in Kolkata certainly adds to the appeal of this region and will benefit the local talent immensely."

LTI plans to gradually scale up the operations at the new center and make it a core delivery unit in the region.

## ***LTI Named Snowflake GSI Global Delivery Platform Partner of the Year***

21 June 2022

Larsen & Toubro Infotech, a global technology consulting and digital solutions company, has been named the GSI Global Delivery Platform Partner of the Year by Snowflake, the Data Cloud company. This award was presented at the Snowflake Summit 2022 'The World of Data Collaboration'.

As an Elite Partner of Snowflake, LTI works with leading global organizations providing comprehensive Snowflake implementation and migration services across different industry verticals. This award demonstrates LTI's leadership and excellence in accelerating migrations and implementations on the Snowflake Data Cloud at speed and scale.

Sudhir Chaturvedi, President & Executive Board Member, LTI, said "We are honored to be Snowflake GSI Global Delivery Platform Partner of the Year. This award is a testament to LTI's execution expertise across strategy, migration, and modernization journeys on the Snowflake Data Cloud. Our Fosfor data suite facilitates adoption of Snowflake with optimized data processing performance, and the recently launched PolarSled 2.0 enhances our migration capabilities further. With these comprehensive offerings, we will continue to break the new ground in our partnership with Snowflake."

Colleen Kapase, SVP WW Partner and Alliances, Snowflake, said, "I congratulate LTI on achieving this distinction. Snowflake's strong partner ecosystem is foundational to our mission of enabling every organization to be data-driven. We look forward to continuing to help clients across industries better activate and unlock their data for business value together with LTI."

Fosfor by LTI, data-to-decisions product suite for monetizing data is now available on the Snowflake platform. As a Technology Launch Partner for Snowpark Accelerated Program, LTI's Fosfor suite offers:

- Spectra: a comprehensive DataOps product enabling the fastest way to harness data
- Aspect: a no-code, unstructured data processing product
- Lumin: an augmented analytics product with a search-like interface for all types of insights

LTI has also earned the Snowflake Partner Network Competency badges for the Financial Services and Manufacturing industries by recently showcasing an impressive track record of customer success in these industries.

## ***Nathalie Sénéchault to be appointed Chief Financial Officer of Atos***

18 June 2022

Atos announces that Stéphane Lhopiteau will leave the Group later during the course of the second semester 2022 and will be succeeded by Nathalie Sénéchault as Chief Financial Officer of the Group.

The contemplated separation of the Group announced at a Capital Markets Day on June 14th, is meant to lead to a complete reorganization of the Atos Group and in this particular case, its finance department. Thus, the appointment of two CFOs has already been announced for each of the contemplated two companies to be formed out of Atos: Anil Agrawal for Evidian (BDS+Digital) and Darren Pilcher for

New Atos (Tech Foundations).

In this context, Mr. Lhopiteau will leave the Group during the second half of the year, when the separation is well on track.

Nathalie Sénéchault is a recognized finance executive looking back on over twenty years of experience. She started her career as a lawyer in major international law firms before joining Alstom where she held various key executive positions in the tax and finance department. She joined Atos almost seven years ago, where she has been serving most recently as Deputy Chief Financial Officer.

This interim period will enable to secure a thorough and well-ordered transition between Mr. Lhopiteau and Mrs. Sénéchault.

**Rodolphe Belmer, Chief Executive Officer of Atos**, comments: *“Following Stéphane’s departure later in the year, I will be thrilled to welcome Nathalie Sénéchault as future Chief Financial Officer and member of the Executive Board of the Group. She is a highly experienced executive with extensive experience in corporate finance. As Atos embarks on a transformation journey and intends to open the next chapter in its history, I know that we can capitalize on her in-depth knowledge of the company and the business to make this turnaround plan a success.”*

## ***Newforma Achieves SOC 2 Certification***

20 June 2022

Newforma, provider of Project Information Management (PIM) software for architects, engineers, contractors, and owners (AECO) worldwide, announces that it has achieved SOC 2 certification.

System and Organizational Controls (SOC) was developed by the American Institute of CPAs (AICPA) and SOC 2 is a U.S. security certification that defines criteria for managing customer data. The certification of Newforma’s policies, procedures, and infrastructure controls went through a rigorous review process over a three-month time period by an independent, third-party certified auditor A-LIGN.

The SOC 2 certification audit covers five specific service trust principles including security, availability, processing integrity, confidentiality, and privacy. Security and privacy are a main concern for the construction industry as the increase in threats to this industry has significantly increase. In addition, SOC 2 compliance supports federal government and classified projects.

“Newforma customers can be assured that their data, passwords, and access are secure and protected”, states Johnathon Kinville, Newforma’s Director of Security. “Newforma continues to lead the AECO software market for security best practices.” A written statement attesting to Newforma’s SOC 2 certification is available upon request.

## ***OpenText Extends Reach of its Information Management Solutions in DACH Region through Partnership with Scheer Group***

22 June 2022

OpenText™, a global leader in information management, announced expanded local support for OpenText™ solutions in the DACH region following a newly signed partnership agreement with process and consulting specialist Scheer Group. Leveraging OpenText’s Information Management platform that helps customers organize, integrate, and protect data and content as it flows through business processes inside and outside the organization, Scheer will be able to offer its customers increased choice for in-region deployment of its process management and digital enablement technologies and services.

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Under the new partnership, Scheer will resell components from OpenText’s Enterprise Content Management (ECM) suite – including OpenText™ Extended ECM that allows content to be transparently integrated with other leading applications such as SAP S/4HANA®, SAP® SuccessFactors®, Salesforce®, Microsoft® Office 365® . OpenText’s Enterprise Content Management and Digital Process Automation technologies will complement Scheer’s SAP Competence Center and its extensive team of process consultants. By allowing customers to adopt Information Management solutions that are complementary to the RISE with SAP offering, this partnership will help customers accelerate their migration to SAP S/4HANA® with the benefits of OpenText. The partnership will initially focus on serving customers within Germany, Austria, and Switzerland (the “DACH” region) with plans for geographic expansion in the future.

“We are pleased to welcome Scheer into the OpenText Global Partner ecosystem,” said Werner Rieche, Managing Director, Germany, and Vice President Sales, DACH at OpenText. “Information is every organization’s most valuable asset. By combining our award-winning Information Management solutions with Scheer’s process and digital enablement capabilities, Scheer customers will benefit from having access to the right information at the right time to deliver operational excellence and bottom-line improvements.”

“As companies around the globe prioritize a digital-first approach to their operations, it is essential that they are able to seamlessly bring business and IT together through clear processes and dynamic information management tools,” said Mario Baldi, CEO at Scheer Group. “We are excited to share the news of our partnership with OpenText, enabling our customers to benefit from leading information management technologies to help realize renewed value from data and content, and accelerate their digital transformation initiatives.” Scheer is a leading specialist for efficient business process management with over 35 years of experience. Leveraging in-depth industry know-how and strong IT competencies, Scheer is trusted by organizations in a variety of industry sectors who want to optimize and streamline business processes including those that are document-based. Already partnering with some of the largest software companies in the world including SAP and Microsoft, Scheer customers will be able to leverage OpenText Information Management solutions that best support their business while complementing enterprise solutions already in place.

Delegates attending OpenText World EMEA 2022, taking place June 21-22, will have the opportunity to hear from Werner Rieche and Mario Baldi in a session scheduled at 13.00-13.30 CET on June 22 in which they will share their visions and solutions for successful projects and how customers and partners are actively shaping the future of Information Management.

## ***OpenText Partners with Girl Scouts to Help Members Become Cyber Resilient***

16 June 2022

OpenText™ announced a partnership with the Girl Scouts of Greater Chicago and Northwest Indiana to raise awareness of online dangers and the importance of becoming cyber resilient. The educational initiative was developed to teach Girl Scouts, and their families, how to identify and protect themselves from cyber threats while developing female leaders for today and tomorrow.

To become cyber resilient, families must secure all their devices including laptops, smart phones, and tablets. Antivirus protection and backup software such as OpenText Carbonite and Webroot (to prevent data loss in the event an attack is successful or when little fingers make a mistake) are two obvious places to start. Equally important is addressing cyber threats with security awareness education as Federal Trade Commission data shows imposter scams cost Americans nearly \$1.2 billion<sup>1</sup>.

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“The internet and social media have become increasingly present in children’s lives, both at home and at school. With cyber threats becoming more prevalent at the consumer level, good cyber resilience habits are essential to protect personal information and keep kids safe,” says Sandy Ono, Executive Vice President and CMO at OpenText. “It is our hope, by using OpenText software and raising awareness of the importance of cyber resilience at an early age, the lessons these young women learn will carry over to adulthood.”

Included in the initiative is the development of a new Cyber Resilience patch program, earned through fun and educational hands-on activities. The Cyber Resilience patch will teach Girl Scouts about the dangers that exist online, within social media, and how to protect against data loss, whether that be pictures with friends or schoolwork saved in the cloud. Participants will learn how to recognize threats and best practices to stay safe. Simulation of existing and emerging phishing attacks will help drive awareness and create safe online behavior.

“Creating spaces where girls feel emotionally, socially, and physically safe is our priority. We look for partners who want to invest in that process, helping girls build the skills they need to be influential changemakers throughout their lives,” said Nancy Wright, CEO of Girl Scouts of Greater Chicago and Northwest Indiana. “Partnering with OpenText to increase cyber safety among our members makes perfect sense as they are not only a leader in the security space with their Webroot product line, but organizationally, OpenText is also committed to creating gender diversity among their leadership teams.”

## ***President of Sandvik Mining and Rock Solutions to leave Sandvik***

17 June 2022

The President of business area Sandvik Mining and Rock Solutions, Henrik Ager, will leave the Sandvik Group.

“Henrik Ager has been with Sandvik for eight years, and for the past three years as business area President during a period in which our Mining and Rock Solutions business has had a positive development. We thank him for his years in Sandvik and wish him all the best in his future plans,” says Stefan Widing, President and CEO of Sandvik.

The change is effective as of today and President and CEO Stefan Widing will assume the role as interim business area President of Sandvik Mining and Rock Solutions. The process of recruiting a new business area President for Sandvik Mining and Rock Solutions will now be initiated.

## ***Razorleaf Partners with iBASEt to Drive Manufacturing Transformation***

22 June 2022

Razorleaf Corporation, a consulting and systems integrator specializing in product life cycle management (PLM), today announced a new strategic partnership with iBASEt, the company that simplifies how complex products are built and maintained, to drive digital transformation for manufacturers to more effectively bring new products to market.

The partnership brings together two established leaders in manufacturing transformation to offer strategic consulting, deployment, and technical services built around iBASEt’s Solumina iSeries platform, an industry-leading software solution that simplifies how complex manufacturing, quality, and MRO processes are managed and improved to support Industry 4.0 strategies.

“Razorleaf’s expertise in Product Lifecycle Management (PLM) and Integration represents an expansion

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of our customer value,” said Daniel Flick, VP of Global Alliances, iBASEt. “PLM data is fundamental to complex manufacturing operations, which rely on accurate, real-time engineering and production specifications. Successful Industry 4.0 initiatives drive the highest value when enabling a consistent digital thread across disparate systems. Razorleaf shares our vision to support product and operations innovation and help manufacturers accomplish their digital transformation initiatives.”

“Our iBASEt partnership expands our application and technical expertise beyond PLM and Integration to encompass MES, MRO and Supply Chain — which is a natural progression of how manufacturers are evolving their product processes into manufacturing,” said Razorleaf CEO Eric Doubell. “This partnership opens new opportunities for our global clients who are considering expanding smart manufacturing initiatives to embrace the shop floor, supply chain and MRO. We look forward to working closely with iBASEt and delivering success for their customers.”

## ***Software République unveils its first milestones for intelligent, secure and sustainable mobility***

17 June 2022

Software République, an open innovation ecosystem for intelligent, secure and sustainable mobility, presents its first milestones today during the sixth edition of Viva Technology\* – one year after its launch by Atos, Dassault Systèmes, Orange, Renault Group, STMicroelectronics and Thales.

In only a few months, Software République has taken important steps to advance innovations to meet the challenges of mobility. It has enabled the creation and reinforcement of collaborations with stakeholders in the private sector (startups, small and medium-sized businesses, large groups), the public sector (local authorities) and academia (schools, universities).

Milestones include:

- Creation of a “GIE” (Groupement d’Intérêt Economique, or economic interest group) to develop Software République’s activity and supervise project incubation within the collaborative ecosystem.
- Launch of the Software République incubator in March 2022, featuring a tailor-made support program to accelerate joint projects and support startups. Five startups are currently being incubated: Angoka, Geoflex, Parcoor, Vianova and Wattpark.
- Four finalized projects are announced today, out of more than 30 currently in progress:
  - A “detect & respond” cybersecurity solution: Cybersecurity is one of mobility’s major challenges. Orange – via its Orange Cyberdefense subsidiary – Renault Group and Thales, along with the startup Parcoor, announce the co-design of a solution to detect cyberattack attempts, analyze them and provide a rapid response that protects the vehicle. This solution, based on artificial intelligence and machine learning, will be deployed in Renault vehicles starting in 2025. The project is supported by BPIfrance.
  - A tool for territories to model vehicle flow: Safety and traffic flow are major challenges for territories. Dassault Systèmes, Orange and Renault Group are developing a tool to model vehicle flow. A pilot project was launched with the Corrèze region in France. This tool provides territories with key data on traffic, infrastructure conditions and safety so that they can optimize maintenance and construction expenses.
  - A project for an intelligent and secure two-way charging station: In response to challenges in security, sovereignty, and electric car-charging network integration,

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Orange, Renault Group, STMicroelectronics and Thales are launching a joint development project focused on the intelligence of charging stations in collaboration with Mobilize, a Renault Group brand. The project will be presented by the end of 2022.

- The Software République Academy to address needs in cybersecurity skills: To meet increasing needs related to recruitment and cybersecurity skills, the six partners have announced two training programs starting in September 2022. The first will combine a selection of partner cybersecurity training modules for the Software République ecosystem. The second, in partnership with the French cybersecurity school Ecole 2600 and the French engineering school of digital technologies EFREI, will create two apprenticeship programs for higher education levels of three to five years.

By 2025, Software République aims to launch 10 new product and service offers, incubate more than 50 startups, and propose services to at least 50 territories.

## ***TCS Wins Two Google Cloud Partner of the Year Awards***

20 June 2022

Tata Consultancy Services (TCS), has won two 2021 Google Cloud Partner of the Year Awards: Industry Solution Partner of the Year for Retail and Global Diversity & Inclusion Partner of the Year.

TCS won the Google Cloud Industry Solution Partner of the Year Award – Retail for its deep cloud transformation experience with retail market leaders, and for its comprehensive and compelling digital solutions that are transforming the industry. The TCS Algo Retail™ suite of products and platforms enables retailers to seamlessly integrate and orchestrate data across the retail value chain, harnessing the power of analytics, AI, and machine learning on Google Cloud to unlock exponential business value. It includes:

- TCS Optumera™, a retail and supply chain optimization platform that curates unified price, promotion, and markdown strategies to improve customer price perception, execute omni-channel pricing autonomously and drive profitability.
- TCS OmniStore™, a unified commerce platform drives a seamless and unified customer experience with connected context between online and stores.
- TCS Optunique™, an enterprise personalization solution that enables unified, hyper-personalized experiences in real time.

The Google Cloud Global Diversity & Inclusion Partner of the Year award recognizes TCS' commitment to diversity and inclusion. TCS is an equal opportunity employer with a well-defined and progressive diversity, equity and inclusion policy embracing the different forms of diversity.

TCS has over 153 nationalities in its workforce and is one of the largest employers of women in the world, with over 210,000 women employees. This diversity is an aggregate outcome of deliberate efforts around hiring in every market, talent development, promotion and retention, and policies specifically designed to encourage talented individuals, regardless of demographic profile, to plan longer term careers in TCS. Leadership development programs focused on women employees such as iExcel, have resulted in an 84% increase in the number of women in senior management positions.

*“TCS is helping global organizations achieve their growth and transformation objectives using the native capabilities of the cloud. In addition, we are partnering them in their sustainability journeys, leveraging our intellectual property to help reduce their carbon footprint and collaborating with them on social themes like workforce diversity and STEM education,”* said **Nidhi Srivastava, Global Head,**

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**Google Business Unit, TCS.** *“We are honored to be recognized by Google Cloud for demonstrating our agility, innovation, and industry-leading retail solutions and our exceptional dedication to diversity and inclusion.”*

*“We’re pleased to recognize Tata Consultancy Services as our Industry Partner of the Year for Retail and Global Diversity & Inclusion Partner of the Year,”* said **Kevin Ichhpurani, Corporate VP, Global Ecosystem and Channels.** *“TCS has demonstrated strong technical and service capabilities as an industry partner, while also championing inclusion and accessibility within their organization and in their work with Google Cloud customers around the globe.”*

The TCS Google Business Unit offers a full complement of services and solutions leveraging its domain-focused innovation and Google Cloud’s suite of technologies. These services help companies achieve superior business outcomes from cloud transformation initiatives to gain resilience, better customer experience and the flexibility of an open, scalable, and democratized ecosystem. TCS is investing in industry solutions to drive innovation and digital transformation for all leading industries and has enabled the availability of our rich portfolio of industry-centric products and platforms on Google Cloud.

TCS has a rich suite of cloud accelerators rendered on the Google Garage, a digital lab that allows sprinting for experimentation with an experiential and immersive experience. TCS has 10 specializations on Google Cloud: Application Development, Infrastructure, Work Transformation – Enterprise, Data Analytics, Machine Learning, Cloud Migration, Security, Data Management, Marketing Analytics, and SAP on Google Cloud as well as 82 expertise badges.

## ***Velo3D Opens New European Technical Center in Augsburg, Germany, Showcasing its End-to-end Metal Additive Manufacturing Solution***

21 June 2022

Velo3D, Inc., a leading metal additive manufacturing technology company for mission-critical parts, announced the opening of its European Technology Center in Augsburg, Germany to manage the company’s operations in Europe, host customers for trainings, and conduct meetings with customers and partners. Velo3D’s European customer success, sales, and support teams will reside in the technology center, which will act as the hub for the company’s efforts in the region and showcase an end-to-end additive manufacturing solution from the company.

“Three years ago, we shipped our first Sapphire printer to our very first customer and since then, we’ve experienced tremendous growth across all of our key industries,” said Benny Buller, Velo3D Founder and CEO. “Our new Technology Center in Augsburg will support our efforts in growing our presence in Europe in a similar manner and will feature an additive manufacturing solution capable of printing our customers’ most ambitious designs.”

The new technology center is more than 110 square meters (1,200 square feet) in size, with a lab area featuring a Velo3D Sapphire printer, a showcase of parts that were printed using the company’s technology, offices, and conference rooms for hosting customers and events. The facility will be located at the Augsburg Innovations Park in Augsburg, Germany. Its opening was commemorated in a ribbon cutting ceremony with Velo3D executives, European customers, local government leaders, and other engineers in attendance.

Augsburg was selected for its central location to key regions in Europe, its proximity to Munich, and Velo3D’s existing presence in the region.

## Financial News

### ***Accenture Reports Very Strong Third-Quarter Results***

23 June 2022

Accenture reported financial results for the third quarter of fiscal 2022, ended May 31, 2022, with revenues of \$16.2 billion, an increase of 22% in U.S. dollars and 27% in local currency over the same period last year.

Click to download [Q3 FY22 and Q3 FY22 YTD](#) earnings infographics.

### ***Accenture to Host Conference Call Tomorrow, June 23, to Discuss Third-Quarter Fiscal Year 2022 Results***

22 June 2022

Accenture will host a conference call at 8:00 a.m. EDT tomorrow, June 23, to discuss its third-quarter fiscal year 2022 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 6450548 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 website at [accenture.com](http://accenture.com).

A replay of the conference call will be available online at [accenture.com](http://accenture.com) beginning at 11:00 a.m. EDT on Thursday, June 23, 2022. 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 6873244 from 11:00 a.m. EDT Thursday, June 23 through Wednesday, Sept. 21, 2022.

### ***Invitation to Tecsys' Conference Call on June 30, 2022, Covering Fourth Quarter and Fiscal Year 2022 Results***

15 June 2022

Tecsys Inc. will release its financial results for the fourth quarter and fiscal year 2022 ended April 30, 2022 on June 29, 2022 after the markets close. Tecsys President and CEO Peter Brereton, and CFO Mark J. Bentler, will host a conference call on June 30, 2022 at 8:30 a.m. EDT to present and discuss the results with the analysts.

**Subject:** Q4 and FY2022 Financial Results Conference Call

**Date:** June 30, 2022

**Time:** 8:30 a.m. EDT

**Phone number:** (800) 758-5606 or (416) 641-6662

The call can be replayed until July 7, 2022 by calling (800) 558-5253 or (416) 626-4100 (access code: 22019359).

## Implementation Investments

### ***Aadhar Housing Finance Pursues Market Expansion Powered by the TCS Lending and Securitization Platform***

22 June 2022

Tata Consultancy Services (TCS), has helped Aadhar Housing Finance Ltd. digitally enhance its business operations using the TCS Lending and Securitization platform.

Aadhar Housing Finance Ltd., the largest affordable housing finance company focusing on the low-income housing segment in India (by AUM as of FY21), aims to make the process of buying a house seamless using digital technologies. Towards this vision, it partnered with TCS for its end-to-end business process transformation powered by the TCS Lending and Securitization platform. The integrated, collaborative, connected, blockchain-based cloud platform transforms the end-to-end lending and securitization value chain.

TCS consultants leveraged their deep contextual knowledge and industry expertise to help Aadhar reimagine its end-to-end business processes, taking a digital-first, customer-centric approach. The TCS platform's flexible design enabled an easy and quick adoption of the digitally transformed process flows. It offers seamless customer relationship management features using AI and ML. It has made sales operations more convenient by introducing business-friendly tools such as calculators, diary, route mapping, and geotagging while eliminating physical documents and enabling automated and system-controlled documentation and approval.

The future-ready platform hosted on the TCS Enterprise Cloud, has powered Aadhar Housing Finance Ltd.'s shift to centralized processing and an analytics-based approach across the business, improving processes, and controls. Its open API architecture has enabled Aadhar to connect with third parties for lead sourcing, KYC validations, document management, payment gateways, fintech integrations, and rule-based decisioning.

The TCS Lending and Securitization platform has helped Aadhar simplify its processes, increase velocity, enhance customer experience while managing its risks better. Additionally, it has modernized and future-proofed the company's technology stack, strengthened data security, and enhanced operational resilience.

**Deo Shankar Tripathi, MD and CEO, Aadhar Housing Finance Ltd**, said, *“Our partnership with TCS is helping us realize our strategy of leveraging technology platforms to improve customer experience. Coupled with physical branch and location expansion as well as enabling third parties to source customers and external checks, we continue to leverage digitization while improving underwriting processes and efficiencies to expand the business.”*

**Ujjwal Mathur, Country Head, TCS India**, said, *“The TCS Lending and Securitization platform is helping Aadhar Housing Finance Ltd. harness the power of digital technologies to enhance customer experience and improve its market position. We look forward to strengthening our relationship with Aadhar Housing Finance Ltd to help them transform their business and accelerate the digital transformation journey.”*

The TCS Lending and Securitization solution leverages next-gen technologies to transform the end-to-end lending lifecycle — from origination to loan servicing and collections to monetization of the loan

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asset through securitization — with consent-based, secure and timely sharing of data and analytics among stakeholders. It leverages AI and ML to enhance end-customer and stakeholder experience and improve speed and accuracy in decision-making.

## ***Accenture Accelerates Data-Driven Decision Making for Lupin***

20 June 2022

Lupin Limited (Lupin), a global pharmaceutical company has collaborated with Accenture to enable its data driven transformation journey for improved business agility, performance, and operational efficiency.

Accenture deployed a digital platform based on SAP S/4HANA®, providing decision makers with real-time visibility into integrated data from multiple sources including supply chain, people and sales networks spread across 100+ countries and its fifteen manufacturing and research facilities in India, United States of America, Brazil and Mexico. The consolidated view of global business operations and performance has enabled informed decision-making. SAP Fiori apps have also helped enhance the user experience for Lupin employees with simple and easy-to access data models and analytical reports.

“Lupin is committed to providing affordable healthcare to people across the world, and our data-driven digital platform will play a crucial role in this mission,” said Sreeji Gopinathan, CIO, Lupin. “Through our collaboration with Accenture, we will unlock the value of enterprise data in order to increase efficiencies and accelerate innovation across all our functions and processes, including manufacturing, testing, supply chain, and finance and accounting.”

Sameer Amte, lead for Accenture’s Life Sciences practice in India, said, “As Indian multinational pharmaceutical companies look at navigating supply chain disruptions and gaining a stronger foothold in the global economy, digital transformation will play a key role in advancing competitiveness by running more efficient business processes, improving research and development capabilities, and creating better customer experiences. With our deep industry experience and technology capabilities, we are helping Lupin become an intelligent enterprise by enabling data-driven decisions that will help accelerate product innovation and enable faster access to market.”

## ***Altair Signs Research Agreement with the Politecnico di Milano***

17 June 2022

Altair, a global leader in computational science and artificial intelligence (AI), has signed a research agreement with the Politecnico di Milano. The agreement will allow Altair to participate in the Space Economy 2022 Observatory, which is a group of researchers and organizations dedicated to exploring how key industrial players are defining and using resources, performing activities, and creating value through the exploration, understanding, management, and use of space.

Led by the Politecnico di Milano – a leading Italian, public, scientific-technological university that trains engineers, architects, and industrial designers – the Space Economy Observatory will explore various activities including tourism, observation, research, mining, and more. The space economy is a fast-growing and evolving sector that is constantly being redefined by major technological and economic changes like the rise of additive manufacturing, groundbreaking computing power, advanced materials, and the growing role of privately-owned space programs. The Space Economy Observatory’s goal is to accelerate cross-sector innovation by combining the most advanced digital technologies to generate a broad portfolio of services.

Altair will provide its broad knowledge and proven simulation, product development, HPC, artificial

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intelligence (AI), and data analytics expertise. Through its convergence approach to technology, Altair will also provide insight regarding how technologies interact, and how firms and teams within the space economy can utilize them to make better products that generate improved data and insight. Another important element Altair can share within the Space Economy Observatory is the computing expertise, since computing is one of the most important aspects of the space economy today and will continue to be a crucial technology moving forward.

“Italy is taking advantage of the burgeoning space economy, as shown by the Italian government allocating €2.3 billion dedicated to improving earth observation satellite technologies and other areas of the space economy as part of the Next Generation EU recovery plan,” said Andrea Maria Benedetto, managing director of Italy, Altair. “The space economy’s future will hinge on the ability to create satellites that are smaller, lighter, and better at withstanding the harsh environment of space. In addition, organizations that can create cheaper launchers, better antennas, and instruments that can handle and organize the enormous amounts of data they capture will gain a competitive edge. Altair joined the Observatory’s research pool because it can empower people to manage simulation, data analytics, and a robust IT infrastructure in a simple, dynamic way. We’ve been honing this concept for decades, and we’re now providing researchers with powerful, dynamic, world-class software they can use to define the future of the space economy.”

“The Space Economy will assume an increasingly important strategic role in achieving the sustainability and transition objectives of the European and Italian agenda. Therefore, the Space Economy Observatory is committed to support the Italian ecosystem and the Altair’s decision to join our community of practice is for us an important sign of vitality and growing relevance,” said Angelo Cavallo, director, Space Economy Observatory.

## ***Bricsys’ local partner, ACA Pacific, selected by Singapore government as Productivity Solutions Grant (PSG) vendor***

21 June 2022

Bricsys, a global provider of design software, part of Hexagon, has announced that its local Singapore partner, ACA Pacific, has been approved by the country’s government as a Productivity Solutions Grant (PSG) vendor.

Organised through the ‘SMEs Go Digital Programme’, ACA Pacific will support local businesses by providing discounted access to the BricsCAD Ultimate package. This includes one year of maintenance under a perpetual single-user license.

BricsCAD Ultimate is an all-in-one solution for designers, engineers, manufacturers, and contractors, bringing together Computer-Aided Design (CAD) and Building Information Modelling (BIM) software into one solution to enable a continuously developing and optimised workflow.

The PSG package also includes a day of online training covering various technical topics such as BIM, drawing and documentation basics, and bill of materials extraction, among many others.

ACA Pacific is offering the opportunity to use the solution for a full year at less than half price, with subscription renewals also priced competitively compared to other vendors.

The program aims to encourage eligible Singaporean organisations to automate key operations and improve productivity by using pre-scoped IT solutions and equipment to enhance business processes. It represents an important foundational starting point for firms seeking to embark on digital transformation journeys, with financing and budgeting advice also available through the programme.

Rahul Kejriwal, CEO of Bricsys, says: ‘We want to make our CAD technology as accessible as possible. By offering the chance in Singapore for local companies to leverage the automated power of BricsCAD Ultimate through the PSG program, we hope to see many businesses benefit from enhanced processes and take an important step in their digital transformation journeys.’

## ***Cadence RFIC Solutions Support TSMC N6RF Design Reference Flow***

16 June 2022

Cadence Design Systems, Inc. announced that Cadence® RFIC solutions are enabled to support TSMC’s N6RF Design Reference Flow and process design kit (PDK) to accelerate mobile, 5G and wireless innovation. Through the ongoing collaboration between Cadence and TSMC, mutual customers are already designing with the Cadence solutions for TSMC’s latest N6RF CMOS semiconductor technology.

The Cadence RFIC solutions support the Cadence Intelligent System Design™ strategy, enabling system-on-chip (SoC) design excellence.

Optimized for TSMC’s N6RF process technology, the Cadence Virtuoso® Schematic Editor, Virtuoso ADE Suite and the integrated Spectre® X Simulator and RF option are included in the RF Design Reference Flow. Customers can benefit from several key features, which enable them to effectively manage corner simulations, perform statistical analyses and achieve design centering and circuit optimization. Additionally, the flows offer seamless integration between the Cadence EMX® Planar 3D Solver and the Virtuoso Layout Suite EXL implementation environment, which enables designers to streamline EM modeling tasks and leverage automation to stitch S-parameter models into the golden design schematic for RF simulations automatically.

For post-layout analysis, the S-parameter models are layered into Cadence Quantus™ Extraction Solution results for high-fidelity RF signoff circuit and EM-IR simulations. Overall, the new Cadence RFIC full flow offers an efficient methodology that lets engineers achieve design goals—performance, power efficiency and reliability—in a single, tightly integrated design environment.

“Through our ongoing collaboration with Cadence, we’re making it easier for customers to achieve their productivity goals using the jointly developed design flow and our advanced N6RF process technology, which offers significant performance and power efficiency boosts,” said Suk Lee, vice president of the Design Infrastructure Management Division at TSMC. “With the availability of the new PDK, those creating next-generation mobile, 5G, and wireless designs can adopt our technologies quickly and accelerate the path to advanced-node innovation.”

“The comprehensive Cadence RFIC solutions cover all aspects of RF design—from RF custom passive device generation and modeling to EM-IR analysis with self-heating. With this unified flow, customers can focus on innovative design, rather than spending time managing disparate, error-prone toolsets,” said Tom Beckley, senior vice president and general manager in the Custom IC & PCB Group at Cadence. “By working closely with TSMC, our customers have access to the advanced capabilities included with TSMC’s N6RF process technology and the RF design reference flow, enabling them to achieve SoC design excellence and deliver competitive designs to market much more efficiently.”

## ***Global energy service provider Interwell upgrades to IFS Cloud to digitalise and drive dynamic growth***

23 June 2022

IFS, the global cloud enterprise software company, announced that global energy services company, Interwell, has chosen to upgrade its existing enterprise resource planning (ERP) and enterprise asset management (EAM) software to the latest IFS Cloud™ solution to drive efficiencies across its global operations. At the same time, the Norway-based product and service company has selected IFS Customer Success Services, an engagement framework designed to streamline day-to-day support for customers using IFS solutions.

The implementation will support the digitalisation of operations at Interwell and enable the company to bring technological innovations to market faster. By providing greater transparency and traceability across enterprise operations, it will help the operator achieve enhanced control of equipment rental costs and, at a higher level, of group consolidation.

The solution covers functionality used by more than 500 in all Interwell regions across the enterprise, including a wide range of business functions, from finance to supply chain management; maintenance; assembly; human capital management (HCM); quality, health, safety and environment (QHSE) and business intelligence (BI).

IFS Cloud will provide Interwell with a more standardised solution, offering the company easier and faster access to innovations across all of these functional areas. The implementation of new technology such as artificial intelligence (AI) and sensors will allow Interwell to look further into preventative maintenance, for example, while new functionality within HR will enable them to better match the right person to the right task.

Katrine Eide, VP QHSE / Chief Compliance Officer, Interwell, said: “We have built a close collaborative working relationship with IFS and have always been impressed with the quality and functionality of their solutions and their experience and expertise across the energy sector. The decision to upgrade to IFS Cloud was an intuitive one for us. We are confident that the scalability and power of the solution will enable us to expand our business dynamically by bringing in innovative new technologies to drive operational efficiencies and growth.”

In addition, IFS Customer Success Services will give Interwell a bespoke success plan for their business, with ongoing success management and services sized to meet their business needs. The success plan will ensure that Interwell’s priorities are clearly understood and communicated, and it will provide a mechanism to capture opportunities for improvement as well as tracking and reporting progress.

Ann-Kristin Sander, Managing Director, Nordics, IFS said: “Interwell is a fast-growing, ambitious energy services company which has always been forward-thinking and willing to embrace the latest innovative technologies to drive their business goals. We are thrilled that they have decided to expand their relationship with us by opting to upgrade to IFS Cloud. We are looking forward to working with them in the years to come to further guide them on their journey to ongoing operational success.”

## ***Global Fashion Retailer GUESS Uses Matterport Digital Twins to Reimagine its Retail Experience***

22 June 2022

Matterport, Inc., the leading spatial data company driving the digital transformation of the built world, announced that GUESS?, Inc. (“GUESS”), the global fashion brand and retailer, has adopted Matterport

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digital twins to ensure brand consistency across its stores and create immersive, virtual experiences for its employees, external buyers and wholesale partners. Since 2017, GUESS has used Matterport digital twins, or photorealistic digital replicas of stores, to realize a 200 percent increase in productivity, a 30 percent decrease in travel costs, and a 95 percent reduction in departmental paper and printer ink costs. Additionally, by equipping employees with iPad® and the Bigtincan sales enablement solution, GUESS trained and collaborated remotely with staff, engaged partners and wholesale customers, replacing in person store and showroom visits with virtual experiences.

“Brick-and-mortar retailers still face a lot of uncertainty, but digital twins have enabled us to streamline our operations worldwide and build exciting, virtual experiences that set us up for long-term success,” said Jacklyn De Antunano, Project Manager, Training and Development, at GUESS. “Whether we are onboarding new employees or making updates to our store displays, brand consistency is crucial. With Matterport digital twins, merchandising teams at our Los Angeles headquarters can set clear directives for our stores worldwide, while new hires can more easily familiarize themselves with our brand. In addition, creating digital twins of our showrooms help us provide a seamless, virtual experience for buyers.”

At GUESS, visual merchandising teams frequently reimagine its brick-and-mortar experience. To ensure global brand consistency across stores, GUESS configures new layouts and displays in a mock store at its corporate headquarters (HQ). GUESS captures a digital twin of its sample space with a Matterport camera and then shares it with store managers globally to replicate in-person. To provide detailed instructions for store teams, each digital twin contains Matteredtags – color-coded, visual tags anchored to a specific product and embedded with audio, video, or detailed notes from GUESS HQ. Equipped with iPad, GUESS’ store teams can view their Matterport digital twins directly through Bigtincan, the company’s sales enablement platform and central hub for proprietary content and knowledge.

With quick, convenient access to digital twins, retail associates can make merchandising updates on the fly and onboard new employees with rich, 3D visuals that demonstrate brand guidelines and in-store layouts. Using digital twins in this process, GUESS saw a 200 percent increase in productivity in the same amount of time as a typical merchandising directive. Additionally, using digital twins allowed them to reduce team travel by 30 percent through remote collaboration and eliminate the typically manual process of printing and shipping materials directly to stores, resulting in a 95 percent reduction in departmental paper and printer ink costs.

To liaise with buyers and wholesale partners, GUESS relies on showrooms to market new products and collections. GUESS used Matterport digital twins in place of in-person showroom visits to create an immersive, virtual experience for buyers. With digital twins, GUESS can remotely share new collections and convey detailed product information, enabling buyers to view a garment from any angle, zoom in for closer inspection, and make direct purchases. Since adopting digital twins, GUESS has doubled its number of showroom appointments and significantly reduced the air travel previously required for its staff and wholesale customers.

“The retail landscape has shifted, and Matterport digital twins are helping traditional, brick-and-mortar retailers innovate their solutions to connect virtually with internal and external stakeholders,” said Stephanie Lin, Senior Director, Global Retail Strategy for Matterport. “GUESS demonstrates the multiple use cases for digital twins across the retail industry. From creating a consistent brand experience at the store level to powering new, remote experiences for buyers, GUESS has leveraged Matterport to unlock a truly omnichannel experience.”

## ***Hexagon and Fujitsu announce strategic partnership to solve societal challenges for ‘Trusted Society’***

21 June 2022

Hexagon’s Safety, Infrastructure & Geospatial division and Fujitsu Limited will partner to accelerate the development and promotion of use cases to solve societal challenges and contribute to the realization of the ‘Trusted Society’ — a sustainable, resilient place where people can live together in peace and prosperity. The partnership was announced today at HxGN LIVE Global 2022, Hexagon’s digital technology conference.

Hexagon and Fujitsu will work together to provide joint use cases leveraging digital twin technologies and solutions from both companies, including IoT sensors, data processing, AI analysis and advanced data visualization in the cloud and high-performance computing infrastructure. The partners will deploy these technologies to develop joint solutions that deliver richer information and deeper insights to customers in government, the public sector, transportation and utilities to help reduce emissions, increase safety, optimize operations and more.

“Our goal at Fujitsu is to realize our vision for a ‘Trusted Society’,” comments Yoshinami Takahashi, EVP and vice head of Global Solution Business Group, Fujitsu. “Partnering with Hexagon will allow us to extend our reach and provide even greater value to cities and regions around the world.”

“Cities are playing a leading role in solving global challenges, from addressing climate change to eliminating traffic fatalities,” says Steven Cost, president, Hexagon’s Safety, Infrastructure & Geospatial division. “Our partnership with Fujitsu can help cities put data to work to solve these pressing problems and meet sustainability and safety goals.”

The new global partnership builds from the companies’ work to solve urban sustainability challenges in Europe, including efforts to better manage and understand the impacts of shared mobility services in Germany, including a project with the City of Munich.

## ***Infor Nets 7-Year SaaS Deal with New Zealand Seafood Giant Sealord***

21 June 2022

Infor®, the industry cloud company, announced that Sealord, one of the largest seafood companies in the Southern Hemisphere, has selected Infor CloudSuite Food & Beverage (F&B) and Infor Supply Chain Planning (SCP) in an initial seven-year, multi-tenant SaaS agreement to enhance productivity, improve forecasting and better measure sustainability.

Sealord chose leading cloud ERP provider Infor as a strategic partner to implement an operational cloud-based platform that provides day-one functionality gains as well as continuing to adapt and improve into the future. As an asset-intensive business, Sealord is also looking to incorporate a stronger and modernised asset management solution to cater to its end-to-end requirements. These include purchase and commissioning, maintenance and asset management, and tracking from both land- and sea-based users.

Along with reducing risk and improving efficiencies across the business, Sealord’s focus on promoting positive sustainability practices resulted in the selection of Infor CloudSuite, built specifically for its F&B industry, to establish specific carbon and other sustainability measures, such as sea temperature and plastics usage monitoring, to enable and improve reporting, management, and progress on sustainability goals.

Sealord CIO Matthew Dodd said Infor was selected as it was an ideal fit as a strategic partner.

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"Infor has incorporated deep industry-specific features that are purpose-built within Infor CloudSuite F&B which align with Sealord's business processes and operations. This results in a close fit solution out of the box. Ultimately, we were looking for a strategic long-term partner to work with, so not only do we value the decades of Infor development that have resulted in strong food-manufacturing capability, we also appreciate that Infor and Sealord share similar visions for people and culture," Dodd said.

"We needed to address growing business and security risks associated with our legacy systems. Infor will enable us to redesign our core financial systems around current and anticipated business requirements," Dodd added. "With Infor, we will be able to more easily automate workflows, month-end processes, and provide standardised reports to increase productivity across the business."

With Infor, Sealord will also be able to add lead indicators, statistical data, and other nonfinancial information in business focus areas such as sustainability, market share, employee numbers, customer sentiment, market trends, and health and safety data.

The new solution will also provide comprehensive multi-currency financial consolidation in the cloud ERP suite, so that all Sealord Group companies are reported and managed in one system, allowing Sealord to retire costly, standalone consolidation software.

"Standardising on one procurement system will create process efficiencies and reduce costs. It will also improve speed and accuracy, as well as the visibility of planning and forecasting. With Infor's ERP solution, Sealord will save valuable time through the use of modern workflow, automation and AI tools," Dodd said.

Sealord currently has fishing, aquaculture and land-based factory processing operations in New Zealand and Australia along with sales operations globally. Infor solutions will be adopted across the whole business.

Infor ANZ vice-president and managing director Jarrod Kinchington said the win followed a highly-competitive tender.

"Infor is delighted to be Sealord's strategic partner, helping to streamline their business and realise new efficiencies with the innovative and industry-specific functionalities afforded by Infor CloudSuite. We've built a very good relationship with the business despite pandemic disruptions. We look forward to helping Sealord meet its strategic goals, so they can focus on their core business while our platform provides the data and seamless tracking they require," Kinchington said.

## ***IRO Selects Centric PLM™ to Support Rapid Growth***

24 June 2022

IRO, an iconic brand of ready-to-wear, high-end accessories for women and men, 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, home décor, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

IRO was founded in 2005 by two brothers, Arik and Laurent Bitton, who were initiated into the world of fashion throughout their childhood, as their parents managed a line of women's clothing for more than 20 years. The brand was initially designed for women, but quickly diversified into a men's collection in 2010. Now, IRO has 90 boutiques and operates 600 points of sale worldwide.

The chic brand has continued to grow in recent years and has become extremely popular in the fashion

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sphere. Offering 4 seasonal collections each year, with an increasingly varied and ever-expanding range, the brand has had to adapt to support its sudden growth, along with accelerating its product development time.

“Before, we used Excel spreadsheets and Google Sheets, but we quickly realized that we were limited by this system,” explains Yannick Bégot, Information System Manager. “The use of disparate tools no longer made it possible to meet the needs of the company. Many tasks were still done manually and users could no longer manage the volume and complexity of the data.”

Delphine Delente, Technical Manager, continues, “We had a loss of information. Everyone had their own way of tracking details without communicating much with other users and we had no global vision of our collections.”

The company conducted extensive research to choose a PLM solution, looking at multiple suppliers, but in the end chose Centric PLM. “We attended demonstrations from other vendors, and Centric PLM was chosen for its ease of use and its suitability for the company’s needs,” explains Yannick Bégot. Delphine Delente, for her part, was already familiar with the tool, “I worked on the implementation of Centric PLM at SMCP with Claude Pierlot and I had already seen the advantages of this solution.” The choice to work with Centric PLM was reinforced by the transparency and responsiveness of the Centric Software team, who immediately proposed concrete solutions adapted to IRO’s needs.

“Centric PLM will allow us to access information in real time, which will improve collaboration and communication within our different teams. Our objective is to gain maximum visibility into product development and to use Centric PLM’s best practices to optimize our processes, from design to production,” says Delphine Delente.

“If we want our brand to continue to grow, we need to ensure collection management. We need to understand what worked and what didn’t. The integration of Centric PLM will allow teams to monitor and analyze collections and sales,” Yannick Bégot concludes.

“We are delighted that IRO chose to partner with us,” commented Chris Groves, President and CEO of Centric Software. “With Centric PLM, IRO will benefit from a robust solution, capable of satisfying its requirement for total control of products from design to distribution.”

## ***Maisons du Monde Selects Centric PLM™ to Optimize Multi-Category Collections***

21 June 2022

Maisons du Monde (MDM) has selected Centric Software®’s Product Lifecycle Management (PLM) solution to reduce time-to-market and the complexity of managing their various multi-category product lines. 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.

Maisons du Monde offers a wide range of stylish home décor and furniture items to suit every taste. With more than 18,000 furniture and home décor items and over 90,000 additional products, MDM offers two distinct collections each year: Spring/Summer and Fall/Winter. With presence in more than 11 countries through its 357 retail stores, the company had a turnover of 1.3 billion euros in 2021. Due to the increasing supply chain complexity and to meet the growing consumer expectations, particularly in terms of eco-responsibility, MDM decided to focus on strengthening collaboration between its different teams and suppliers.

“Developing a collection is always a balance between art and science and requires the mastery of a

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growing number of factors. To stay ahead of the game, we wanted to become even more efficient and agile,” explains Elodie Hertout, MDM’s Director of Collections. “That’s why we looked for a collaborative tool that promotes the exchange of ideas and information, both internally and with external partners. We want to increase productivity and responsiveness.”

With a strong focus on technology and real-time data exchange, MDM places data quality at the heart of its strategy. Centric Software’s agility and approach to innovation convinced MDM of the power of Centric PLM which will link their entire technology ecosystem from product development to sales as well as e-com to logistics and beyond. All product and brand teams will use Centric PLM including design, collection planning, product development, purchasing, supply chain, quality control and merchandising.

With Centric PLM, MDM aims to provide its teams a cross-functional and centralized tool, offering better collaboration and harmonization of internal and external processes with over 1,000 suppliers.

In addition to increased efficiency and productivity, “Centric PLM will allow us to better control the CSR footprint of our products,” said Guillaume Apostoly, CIO at MDM. “Today, we need to control our product data and scrupulously track and verify our claims, particularly in terms of CSR,” adds H el ene Guet, Quality Director at Maisons du Monde. “More accurate and reliable product data will contribute to better risk control and agility, with the ultimate goal of creating quality products geared toward innovation and end-customer satisfaction, in a ‘design to value’ approach that is at the core of MDM’s mission.”

The initial feedback has been excellent, “Both on the supply side and on the IT/Data side, our teams are unanimously satisfied with the choice of Centric PLM,” says Guillaume Apostoly. “The tool meets a real need and Centric PLM’s obvious ease of integration contrasts with other personal, not team, productivity tools that are largely disconnected. We are moving in the right direction technology-wise.”

“The adoption of Centric PLM is an excellent opportunity to optimize all our processes,” concludes Elodie Hertout.

“In the decoration and furnishings sector, Maisons du Monde is the benchmark player. We are proud to support its international multi-sector strategy,” comments Chris Groves, President and CEO of Centric Software. “With Centric PLM, Maisons du Monde will continue to offer its customers a wide range of original, high-quality home furnishings and decoration products, with short lead times while meeting its commitment to environmental responsibility.”

## ***New Flame Selects Centric PLM™ to Streamline Product Development***

22 June 2022

New Flame has selected Centric Software®’s Product Lifecycle Management (PLM) solution, the first Bangladesh-based company to do so. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source and sell products such as apparel, footwear, sporting goods, furniture, home d ecor, cosmetics, food & beverage and luxury to achieve strategic and operational digital transformation goals.

New Flame is based in Bangladesh with additional premises in China and Italy. The business provides services including design, development and production for brands and retailers who want a faster design approach to manufacturing. New Flame is experienced in producing sportswear, intimates, outerwear and swimwear and is able to create quality and competitively priced products in short lead times thanks to its ‘fast track’ manufacturing systems.

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Francesco Zancanaro, Investor & Advisor at New Flame explains why the OEM/ODM company decided to undertake a PLM project, “Over the last few years, we struggled to create a single hub that kept all of our information consistent and reliable. Development and product information were managed at the individual level, making it very hard to quickly innovate new products and create further value from existing products.” He continues, “Lockdowns, supply-chain disruptions and raw material availability are now part of our everyday planning, so we needed a better way to manage our critical path.”

After evaluating several PLM solutions, New Flame selected Centric PLM for reasons including its intuitive interface and ability to manage the specific needs of the business. “From the first demo to the last, we immediately saw Centric in our business. The ‘out-of-the-box’ concept, along with its best practice solutions immediately felt right and we saw a system that we could easily integrate into our company culture. We trusted that Centric’s extensive fashion and apparel experience could empower New Flame to change from a traditional trading operation to leading product development and manufacturing company,” explains Zancanaro.

Centric PLM will improve New Flame’s internal processes, creating a standardized system of information storage, sharing and visualization. With full visibility into its supply chain and the ability to manage product data from initial design until shipping, the company will be able to build new and exciting opportunities for its customers.

Himangshu Sikder, Senior Merchandiser at New Flame comments, “Centric PLM will save us time by organizing our information and making it instantly accessible. With real-time tracking we can monitor progress and targets, so we are better prepared to meet tight deadlines. Most of all, our customers will understand that New Flame has a stable foundation and can achieve its ambitious growth plans.”

President and CEO of Centric Software, Chris Groves, concludes, “We are delighted to partner with our first customer in Bangladesh, New Flame. We are thrilled that Centric PLM will empower New Flame to increase productivity and collaboration across its design, development and production services, helping the business to grow and innovate effectively.”

## ***Prodiet Medical Nutrition chooses Centric PLM™ to Revolutionize Product Management***

20 June 2022

Prodiet, the Brazilian market leader in the clinical nutrition industry has selected Centric Software®’s Product Lifecycle Management (PLM) solution and is Centric’s first customer in the formulation industry in Latin America. 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.

Prodiet Medial Nutrition was founded in 2007 and enjoyed steady growth due to a culture of innovation and also a complete and exclusive product portfolio. Prodiet is looking to optimize formulation management and ensure data security throughout the go to market process as well as centralize product development – all on a single digital platform.

The company sought the need for a more robust and integrated development solution so the search for a PLM partner began. “The Prodiet team is technically strong, giving us a market-leading position with exclusive, specifically targeted formulas. To support this team, we need to bring greater security to our operations, with software that tracks and controls products in development from the beginning to the end

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of the lifecycle. With Centric PLM we can mitigate errors and eliminate security vulnerabilities, facilitating the control of all steps and ensuring much greater flexibility and agility vs. spreadsheets,” says Jonatas Paiva, IT Coordinator at Prodiet Medical Nutrition.

Prodiet selected Centric Software for its continuous innovation which is a strategy both companies have in common: innovation as a pillar of business. “We chose Centric Software over other companies for its functionality and ability to serve us in the future with new modules and functionality. We appreciate Centric’s frequent releases of new versions and improvements—this is quite proactive. We want to adopt the software throughout Prodiet, and we feel safe with the added security.”

The Centric Software team also differentiated itself through its people. “We received excellent service from the beginning and the availability of the team to present the solution to us was crucial in our decision. We are very happy,” says Paiva. “In addition, we felt very secure in the implementation methodology. It is configured to our business and mitigates risk, so we are ready to start the roll-out process with peace of mind hand-in-hand with the Centric Software team,” concludes Paiva.

Chris Groves, President and CEO of Centric Software says, “We are very proud to announce our partnership with Prodiet Medical Nutrition and look forward to innovating together, now and well into the future.”

## ***Rockwell Automation announces a partnership with Bravo Motor Company***

20 June 2022

Rockwell Automation has just announced an unprecedented partnership with Bravo Motor Company, a company from California that offers applied innovation around decarbonization with a focus on the production of batteries, vehicles and energy storage systems. With the new alliance, Rockwell Automation will contribute to the provision of cutting-edge solutions for the manufacture of batteries and electric vehicles in the Brazilian market, based on the concept of the circular economy.

The partnership announcement ceremony took place at Fundação Dom Cabral - Aloysio Faria Campus in Minas Gerais. According to John Miles, Rockwell Automation's Global Head of Future Mobility, the initiative will include technological support from Rockwell Automation to ramp up the project of the first Giga Factory in Latin America, based on digitalization, including integrated management, production optimization and sustainability. All this is done using tools that measure efficiency, operational quality, and productivity.

In addition, Rockwell Automation will also provide modern digital solutions for maximizing results and accelerated “Time to Market”, with simulation, optimization and augmented reality technologies, integrated with engineering and manufacturing. “For Rockwell Automation, it is extremely important to support companies and projects aligned with our purpose and strategic direction. Bravo and the Colossus Cluster project meet our goal of further fostering innovation and ESG initiatives in the country. This project is a once in a lifetime opportunity to jointly drive ESG, sustainability practices, and innovation in Brazil. It is rare to find a company you so perfectly align with on vision and purpose. Together, we want to make that vision a reality” Miles states.

During the ceremony, Leandro Kruger, Regional Director for Rockwell Automation also mentioned “In these 20 years of experience in the industry I have been able to see how economic industrial activity and the implementation of technology change the reality of regions, countries, and towns. This is a unique opportunity that brings together aspects that are very difficult to find, from the locality, the technology, the talents involved, and the availability of resources that Nova Lima provides, we can transform the

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world together into a more productive and consequently more sustainable one, so this is the best opportunity to create business ties in different areas, both industrial and social”. Kruger states.

The CEO of Bravo Motor Company, Eduardo Javier Muñoz, emphasizes that the partnership was a result of the interaction of the ecosystem, as it was understood by both companies that joint efforts could generate a unique opportunity not only for Brazil, but also for the world. “8% of Brazilian jobs are directly or indirectly linked to the automotive production chain, placing Brazil as a strong global player. The bet for the future of the entire ecosystem is electrification and, therefore, the need for batteries that adhere to this demand has become even more strategic. “We are very happy to bring a multinational like Rockwell Automation, which has the most experience in high-scale production battery factories, making a big difference to have the best battery industry in the world, in Nova Lima. We chose the Brazilian market due to the capacity of people and because it has strategic materials for battery production, of course, working together with strategic partners, such as Rockwell Automation, providing us with cutting-edge technologies, will bring even more assertiveness to projects”, he highlights.

## **Technology, innovation, and sustainability go hand in hand**

Operating in California since 2012, Bravo Motor Company has worked with and participated as a collaborator and investor for battery development. And this activity provided the company with the ability to access battery manufacturing technology as well as battery materials.

Muñoz explains that, regarding vehicles, the focus on mobility fleets such as taxis, vans, buses and urban delivery vehicles, for example, offers a range of options to meet a high demand market, which already has economic viability, but a limited supply due to lack of batteries. “Partnering with Rockwell Automation will allow us to establish not just a local supply chain and battery factory that will not only produce our vehicles and energy storage systems, but also the massive production of local electric and hybrid vehicles for other companies to which we will supply batteries”, he comments.

## **Solutions for optimization of the automotive production chain**

Gustavo Lima, Rockwell Automation’s Strategic Account Manager, explains that in addition to the efficient factory, the ESG issue is very much related to the partnership. “Energy optimization has become a priority, since the concepts of ESG and sustainability are on the rise, especially in the context of decarbonization of the vehicle chain. Thus, we are using our products as operational efficiency and productivity tools to ensure lower consumption and more energy efficiency with responsibility”, he explains.

Modern digital tools for optimizing results, according to Lima, are also noteworthy. “Through our solutions, Bravo will be able to make the operation of the factories faster, or to get ahead of the competition in this market”, he emphasizes.

Muñoz says that taking on a partner that works as hard as Bravo to transform the current reality into a better future, contributing with expertise and technology, is essential. “This alliance also tends to prepare our own production lines, management systems, etc. In addition, each strategic supplier around us guarantees a coordinated, high-quality environment. Our goal is to make the Brazilian facility a model in the future to be replicated in other locations such as the USA, Europe, the Middle East, Africa, etc.”.

Miles recalls that the automotive sector is one of Rockwell Automation’s focused industries and the company is investing in this market. “We have focused on companies in the production chain and Bravo is a company that is bringing the essence of the new and evolving technology, which is the battery and eventually the electric vehicles and energy storage systems which will utilize the battery. The expectation is that our investment will enable Bravo to use Rockwell Automation solutions to make the

project successful. We will work very closely with our product, industry, and sales teams to ensure the success we aim for,” the executive concludes.

## ***Simulations Plus Collaborates with Multinational Pharmaceutical Company to Provide Modeling & Simulation Support for COVID-19 Treatment***

23 June 2022

Simulations Plus, Inc., a leading provider of modeling and simulation software and services for pharmaceutical safety and efficacy, today announced that its Cognigen division worked with a major pharmaceutical company to implement modeling and simulation activities to support the development of a candidate COVID-19 therapy. This modeling and simulation work provided significant contributions towards regulatory submissions for the compound.

Early in the COVID-19 pandemic, the pharmaceutical company initiated a collaboration to support the accelerated development of their compound. Together with scientists from the company, Sébastien Bihorel, Pharm.D., Ph.D., Senior Director of Pharmacometrics and Workflow Automation, led this cooperative team effort on behalf of Simulations Plus. Cognigen scientists provided real-time data processing and analysis, allowing for rapid knowledge updates about pharmacokinetics and efficacy in patients with COVID-19 as the clinical trials proceeded.

“We are extremely proud of this collaboration, which further underscores the importance and critical role of modeling and simulation in informing development-related decisions and improving the efficiency of drug development,” added Jill Fiedler-Kelly, Cognigen division president.

## ***Starboard Hotels Shines Bright with Infor***

23 June 2022

Infor®, the industry cloud company, announced that Starboard Hotels, one of the UK’s leading independent hotel operators, owners, and developers of franchised and own brand hotels, has successfully extended its use of Infor EzRMS, incorporating in-depth competitor information analysis to help deliver an intelligent, responsive revenue management system across nine hotels in the group.

Starboard has opted to take advantage of the full functionality of Infor EzRMS, with new capabilities enabling the business to obtain an automated, comprehensive insight into competitive pricing throughout all online channels. Starboard’s revenue team can now track online distribution channels consistently and systematically, checking positioning against regional competing offers to be able to match these, whilst taking into account changing demand and factoring in events as soon as they are announced.

This extra functionality will build on the excellent work of the team, increasing revenue throughout the hotels and improving competitiveness by enabling a data-based, total revenue management approach. The solution features deep-learning algorithms that dynamically recognise patterns to ensure optimal and accurate business forecasts, pricing and selling strategies.

“The new capabilities we now have at our disposal will underpin a truly responsive revenue management system,” said Darren Schembri, Starboard Hotels head of revenue and sales. “The reporting functionality of EzRMS has always been great, with the forecasting capability, in particular, most beneficial to the business. The ability to undertake comprehensive market and competitor analysis really will take our forecasting and revenue management to the next level, giving us a better understanding of what the market is doing to enable us to fulfil our revenue potential across our hotels.”

“The application is already providing centralised revenue management that delivers an intelligent,

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dynamic and consistent view of optimal potential revenue for nine of our hotels. The granularity of information that the system delivers is crucial in our industry, allowing us to make rapid, robust pricing decisions. We're already seeing the benefit of the new functionality, and are looking forward to even deeper levels of pricing insight over the coming months," Schembri said.

"The hotel industry knows that it must move to a data-based approach to decision-making across all areas of the business, with every decision grounded in granular, timely insight," said Stan van Roij, Infor international VP for hospitality. "As Starboard Hotels has recognised, Infor's solutions for the hospitality industry deliver a clear, comprehensive and forward-looking picture of the business, underpinning crucial revenue optimisation to keep businesses one step ahead of the competition in an ever-evolving marketplace."

## ***Tamturbo Takes Control of Product Data with the Aras Platform***

21 June 2022

Aras, which provides the most powerful low-code platform with applications to design, build, and operate complex products, today announced that Tamturbo, a leading developer of oil-free air compressors, has selected the Aras platform to manage its product data and enable interdisciplinary collaboration across the lifecycle. This will support Tamturbo's mission to provide an environmentally friendly alternative to traditional compressed air generation.

Product related data is the most valuable asset for a company in any industry. Spreadsheets and other legacy data management tools cannot keep up to provide current, consistent product-related data. As a result, more companies are turning to PLM solutions that can ensure that accurate, up-to-date information can be viewed by any user during design reviews, engineering changes, defect analysis, and other processes.

Tamturbo quickly realized the importance of systematic data management when going through a period of rapid growth, which resulted in more complex products with even more data to manage. Excel-based management made finding the most up to date data increasingly difficult when several users made copies, changed data, or saved new versions of documents.

Tamturbo produces compressors for several industries and must be ready to supply customers with detailed information. It also provides 24/7 remote monitoring and extensive servicing for devices, so it was critical all departments within Tamturbo – from sales and service to designers and developers – have easy access to all product data. As the company grows, so do requirements. Tamturbo needed a flexible solution that included upgrades and allowed for customizations, and one that could adapt to its processes today and in the future. With Aras, Tamturbo has a clear, traceable view of the entire lifecycle of its compressors and can quickly fulfill customer needs without relying on costly outside resources.

"Aras Innovator is the central place for all product related data, which makes our work much easier and less complex," said Igot Nagaev, CEO of Tamturbo. "We trust our data and the time to find it has been reduced significantly, allowing users to get what they need, when they need it and then move on to get their work done faster."

Today, nearly all Tamturbo employees use Aras Innovator. Technical support utilizes it for testing, production employees check data and drawings, and sales and service can view compressors in much more detail because 3D views can be displayed so quickly. If a customer request changes or need product information, reliable data can be viewed and revised in short time.

## ***TCS Partners with QIAGEN in Driving its Cloud Transformation Strategy***

16 June 2022

Tata Consultancy Services (TCS) has been selected by QIAGEN, a leading global provider of Sample to Insights solutions in life sciences and molecular diagnostics, as the strategic partner for its cloud transformation journey.

QIAGEN is investing in an ambitious cloud transformation to address new challenges of the post-pandemic era. It partnered with TCS for its deep contextual knowledge of the company's infrastructure, applications, and systems, vast experience in the life sciences industry as well as its proven technology expertise. TCS will migrate the company's workloads from its legacy data center to Microsoft Azure and build a new scalable digital core as a foundation for better ways of working.

TCS' team of cloud solution experts will work closely with QIAGEN to design, implement and manage a cloud-first model. The new digital core will help improve internal and external collaboration, enabling greater innovation, and enhanced customer experience. Additionally, it will improve operational agility and resilience, drive efficiency, reduce QIAGEN's carbon footprint and support its journey to net zero.

*"QIAGEN has started its cloud transformation journey with the firm belief that cloud computing can be a key enabler of future business growth. A strong digital core will help QIAGEN to deliver innovation in a faster, more cost-efficient and secure way. TCS has been a valuable strategic partner on this journey so far who will help us succeed in this cloud transformation,"* said **Josefine Danneberg, Senior Director, Head of Cloud Center of Excellence, QIAGEN.**

*"QIAGEN is a valued TCS customer, and we are thrilled to enter into this partnership to implement and manage their cloud strategy with Azure as the hyperscaler. The new digital core will support better business outcomes, greater sustainability, and drive innovation for QIAGEN's customers in life sciences and molecular diagnostics. We look forward to working alongside QIAGEN to support the company in achieving its vision of 'making improvements in life possible',"* said **Vikas Jain, Global Head, Life Sciences and Healthcare, Enterprise Growth Group, TCS.**

TCS has been working closely with QIAGEN since 2012, managing the company's IT services and digital transformation across key business areas. With an in-depth awareness of industry standards, extensive list of Microsoft Gold Competencies and advanced technology specializations, TCS helps to design and build trusted cloud solutions that are flexible and adaptable to customers' requirements.

TCS' sustained investments in research and innovation have resulted in an industry leading portfolio of frameworks, accelerators, products, and platforms that can significantly speed up customers' cloud transformation journeys.

Present in Germany since 1991, TCS currently partners with over 100 leading German corporations in their growth and transformation journeys, including 23 of the stock index DAX40.

## ***Trinseo Starts its Journey Towards Automated PCF Calculation across its Entire Portfolio with Atos***

22 June 2022

Atos and Trinseo, a global materials solutions provider and manufacturer of plastics and latex binders, today announce that Trinseo has started using Atos' recently launched digital solution to identify and monitor the carbon footprint of its entire portfolio. This will enable Trinseo to deliver superior product data on the carbon footprint of its products to its customers and accelerates Trinseo's net-zero ambitions and carbon transparency commitments.

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From June 2022 until the end of this year, Trinseo works with Atos using this digital solution that calculates product carbon footprints (PCF) for the chemical industry to gather key insights for enterprise-wide deployment of the solution in line with its existing SAP ERP and data landscape. After scaling up the tool across business units, Trinseo is expected to ultimately achieve the capability of providing automated PCF information in-house to its customers for all its products.

The PCF calculation tool (SCOTT) and methodology developed by BASF is based on Life Cycle Assessment methodology and calculates cradle-to-gate PCF. Atos was selected as a partner to develop and distribute a software platform to make this tool and methodology available to the industry. The methodology is based on ISO14067:2018 for the carbon footprint of products, which builds on the principles and requirements of the ISO standards 14040:2006 and 14044:2006.

*“While Trinseo has been reporting our corporate carbon footprint for many years, it is still a manual and extremely labor-intensive process to do the same on a per-product level,”* said **Dr. Julien Renvoise, Trinseo’s Sustainability Business Development Leader**. *“Starting with a couple of our flagship products, we will explore how to automate this with the help of Atos and their PCF platform.”*

*“Our assessment has shown that Trinseo is already in a good position for PCF automation based on their available data and SAP processes,”* said **Stefan Unterhuber, Senior Director of Net Zero Transformation at Atos**. *“However, it has also shown areas where we expect gaps and room for improvements. Starting with this pilot project, our phased approach will allow us to gradually close gaps in their primary data, improve secondary data quality, and ultimately provide Trinseo with accurate and transparent PCF data per individual product that is fully automated.”*

Both companies see this project as an important contribution toward a net-zero economy and an excellent example of how digital technology can be leveraged to monitor and manage greenhouse gas emissions.

## ***Turk Nippon Insurance embarks on technology modernization with HPE GreenLake to boost performance***

23 June 2022

Hewlett Packard Enterprise announced that Turk Nippon Insurance has future-proofed its IT infrastructure with the HPE GreenLake edge to cloud platform. After delivering insurance services for over 20 years, the company turned to HPE GreenLake to initiate a data-first modernization strategy to accelerate innovation and deliver superior customer experiences.

Turk Nippon Insurance was established in 1991 under the partnership of the Development Bank of Turkey and Nippon Fire & Marine Insurance and in 2008, it merged with the Harel Group, the largest insurance group in Israel. It became increasingly clear to the company that maintaining their aging legacy system was taking up a significant proportion of their IT budget. Additionally, the old IT environment no longer supported the company’s modern applications, and over time, it became more vulnerable to failures and therefore they needed to embark on an upgrade and modernization of their technology environment.

*“It is simply impossible to compete in the market when you have jumbled workflows and slow systems that are prone to error,”* said Bahadır Gürgen, Information Security and System Infrastructure Manager at Turk Nippon Insurance. *“By adopting HPE GreenLake, we’re not only modernizing our IT infrastructure for today but are signing up for a regular technology refresh to ensure we keep up with the demands of the business and meet the needs of our customers.”*

Besides boosting the company’s operational performance by 75%, HPE GreenLake platform provided

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Turk Nippon Insurance with a unified operating experience that helped the company simplify and facilitate the IT infrastructure management. The acceleration of software projects enabled the organization to free up its resources and provide faster response to the growing consumer demands for personalized services. Additionally, HPE GreenLake delivered seamless support for modern business and database applications, reducing poor data handling errors, saving the business precious time and costs of rectifying data errors.

“Turk Nippon Insurance knew that in order to compete in the market, they must adopt advanced technology that will win today and be ready for tomorrow,” said Cesminaz Demir, Account Manager at HPE. “As well as modernizing their existing environment, HPE GreenLake allowed Turk Nippon to avoid a large up-front investment and pay only for the resources they consume in a pay-per-use model. The flexible model also provides the company with on-demand IT scalability, adjusting to the lows and peaks of their yearly cycle.”

As part of HPE’s robust channel partner ecosystem for HPE GreenLake, BBS Enterprise provided extensive consulting and recommended the HPE GreenLake solution to support Turk Nippon Insurance’s needs. The HPE GreenLake solution runs on HPE SimpliVity, AI-driven hyperconverged architecture with machine learning analytics that delivers self-managing, self-optimizing, and self-healing infrastructure. The infrastructure also supports customer’s VMware virtualization solution designed for mission-critical enterprise computing.

“HPE GreenLake allows Turk Nippon Insurance to get faster access to the market, respond faster to the customers, make faster decisions, and get a return on investment – faster!” added Gökhan Kaya, Server, Storage and Cloud Solution Manager at BBS Enterprise.

## Product News

### ***Cadence Achieves PCIe 5.0 Specification Compliance for PHY and Controller IP in TSMC Advanced Technologies***

21 June 2022

Cadence Design Systems, Inc. announced that its PHY and Controller IP for the PCI Express® (PCIe®) 5.0 specification in the TSMC N7, N6 and N5 process technologies have passed certification tests from PCI-SIG® at the industry’s first event for PCIe 5.0 specification compliance held in April. The Cadence® solutions were tested to their full potential and complied with the full speed of 32GT/s for PCIe 5.0 technology. The compliance program provides designers with testing procedures to assess that the PCIe 5.0 interfaces on their system-on-chip (SoC) designs will operate as expected.

The Cadence IP for PCIe 5.0 technology consists of a PHY, companion controller and Verification IP (VIP) targeted at SoC designs for very high-bandwidth hyperscale computing, networking and storage applications. With Cadence’s PHY and Controller Subsystem for PCIe 5.0 architecture, customers can design extremely power-efficient SoCs while accelerating time to market.

“We are pleased Cadence has certified its comprehensive IP family for compliance with the PCIe 5.0 protocol on TSMC’s advanced processes,” said Suk Lee, vice president of the Design Infrastructure Management Division at TSMC. “Our continued close collaboration with Cadence is helping our mutual customers meet the stringent power and performance requirements and accelerate silicon innovation with leading-edge design solutions benefiting from TSMC’s advanced technologies.”

“With the lowest power consumption in the market as validated by our customers, Cadence’s certified PHY and Controller IP for PCIe 5.0 enables them to develop extremely power-efficient SoCs,” said

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Sanjive Agarwala, corporate vice president and general manager of the IP Group at Cadence. “With our multi-lane subsystem-on-a-chip solution, our customers can see IP compliance being achieved in form factors that match their target applications.”

“Consistent with previous testing, Cadence’s PHY and controller test chips for the PCIe 5.0 specification showed robust performance in compliance tests on our Xgig exerciser and analyzer platform,” said Tom Fawcett, senior vice president and general manager, Lab & Production Business Unit, VIAVI Solutions. “Cadence is at the leading edge of high-bandwidth hyperscale SoC IP, and their successful track record in PCI-SIG compliance events should project continued confidence in their solutions and the technology as a whole.”

“Intel is dedicated to industry-wide innovation and rigorous compatibility testing through the open PCI Express standard,” said Jim Pappas, director of Technology Initiatives, Intel Corporation. “Cadence’s latest PHY and Controller IP demonstrate their commitment to PCIe 5.0 performance and interoperability with our 12th Gen Intel Core and 4th Gen Intel Xeon Scalable platforms.”

“As a long-standing PCI-SIG member, Cadence plays a role in the advancement of PCIe technology,” said Al Yanes, President and Chairperson of PCI-SIG. “By participating in the compliance program, Cadence is helping to further the continued adoption of the PCIe architecture.”

The Cadence IP for PCIe 5.0 architecture supports the company’s Intelligent System Design™ strategy, which enables advanced-node SoC design excellence. The PCIe 5.0 Design Kits for TSMC’s N7, N6 and N5 process technologies are available for licensing and delivery now. Cadence’s comprehensive portfolio of design IP solutions in the TSMC advanced processes also includes 112G, 56G, die-to-die (D2D) and advanced memory IP solutions.

## ***CADMATIC - New software version 2022T2 released***

21 June 2022

The latest version of CADMATIC software (2022T2) has been released. 2022T2 is jam-packed with exciting new features and improvements.

### **Outfitting/3D Plant Design**

- In our ongoing efforts to ease the work of designers and administrators, we have introduced a handy feature that automatically calculates bolt lengths. It reduces manual administration work and improves design quality by eliminating human error.
- You can now create piping isometric drawings much faster. Production tree-based management makes it easy to control whether all pipes are included in isometric drawings. It’s super easy to see whether the drawings are up to date and when you modify a pipe in 3D, the status of the isometric drawing is automatically updated.
- It’s now even easier to start using Cable Router as you can do so with or without the use of compartments. Collision control has been added for cable head/tail end jumps and you can create labels with cable data and fill rates with ease. Give it a try and let us know what you think!

### **Hull**

- The design of shell plates is now even easier and faster. With just one click, the system automatically detects the relations that form an enclosed shape and creates the corresponding plate or shell. You can officially say goodbye to manually selecting each plate or shell relation (border).
- We now offer practically fully topological 3D model export to the new OCX standard. You no

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longer need to generate a bunch of dedicated class drawings, just give the classification society access to the 3D model via easy OCX export. We hope you're as happy as us about how much time and work this will save!

## Information Management

- We've been working hard on developing a groundbreaking new user interface for eShare that we know you'll love. It's not fully ready yet, and several key features will be launched only in our 2022T3 release, but we just could not resist giving you a sneak peek already now in this public preview version. The UI is plugin-free, which means that you'll soon be able to use eShare on the operating system and browser of your choice.

## Electrical

- The user experience in CADMATIC Electrical has been taken to a totally new level in 2022T2 with a completely new and user-friendly method of handling groups and feeders. We have renewed a bunch of under-the-hood features and overhauled the user interface. Words don't do justice to how much things have changed, so just dive in and experience it.
- The new wiring interface allows users to draw different wiring types with one centralized tool! You can also quickly edit the wiring data in the same interface. Once you've made changes, they are automatically updated to all drawings. In addition, you can now easily create and manage wiring sets in the Schematics application with this new interface.

## Web API

- The Web API has new endpoints for library part handling and 3D model import as well as improved on-line documentation for integration developers.

## ***CENIT PRESENTED POWERFUL RELEASE OF ITS 3D SIMULATION SOFTWARE AT AUTOMATICA***

15 June 2022

**Factory automation through sustainable digitalization. How this goal can be planned virtually and implemented in reality will be presented by CENIT at this year's Automatica trade show in Munich (Booth 506 in Hall B5). The technological basis for this is provided by newest and the most powerful release of CENIT's own 3D simulation software FASTSUITE E2.**

Today, in addition to ever shorter market cycles, companies are increasingly confronted with requirements such as the scarcity of resources, disruptions in supply chains or even political upheavals. This requires an even higher level of response speed and efficiency. "With the enhanced capabilities of FASTSUITE E2, we enable manufacturing companies to optimize their use of human and material resources," explains Jens Fetzer, VP Business and Partner Development, Digital Factory Solutions, CENIT AG.. "Due to the hardware vendor neutrality of FASTSUITE E2, manufacturers also retain the flexibility in their cell and factory planning to quickly and highly efficiently address necessary adjustments regarding robot or technology deployment," he continues.

The new release of the software offers increased automation in programming activities and further optimized simulation quality. Both enable companies to exploit the potential of their robot and factory systems even more efficiently and sustainably.

In the latest version, FASTSUITE E2 also impresses with new operating elements and significantly increased performance in offline programming (OLP). The focus is on OLP core applications such as arc welding and laser cutting.

## **The most important release innovations at a glance:**

- Standardized support for touch-sense operations:  
Predefined adaptations for numerous robot brands reduce the need for manual adjustments
- Increased flexibility for multi-robot cells or multi-machine setups:  
Significantly simplified function for moving, duplicating or mirroring machining steps
- Automatic toolpath optimization for 5-axis laser machines:  
Generation of collision-free programs with just one mouse click
- Improvements in weld seam programming for arc welding:  
Significant reduction of programming time

## **Advanced touch-sensing support for arc welding.**

Touch-sense operations are required to precisely determine the actual position of the weld line on the real part (which is deviating from the ideal CAD position due to manual tag weld operations). In fact, before welding, the robot is conducting several sensing operations (touch by nozzle or touch by wire). These touch sense operations are created in OLP. FASTSUITE already has the option to generate pre-defined touch-sense operations in an automatic way.

The new release of FASTSUITE E2 extends the already predefined operations by the possibility to define individual operations in an agile and intuitive way. The user benefits from a more efficient way of working, as the programming time for defining or modifying touch-sense operations is significantly reduced.

## **Simplified variant programming and duplicate and transform operations**

Typically, workpieces require several redundant, repetitive operations. An improved FASTSUITE E2 graphical user interface, as well as the updated "Transmit function", now allows users to duplicate and transform sub-steps in an automated - and thus easier and at the same time safer - way. This means that entire programs for spot welding, arc welding or painting can now be mirrored to another work cell without having to reprogram the entire part. The result: a clear increase in efficiency, as the effort of manual programming is eliminated.

## **Automatic toolpath optimization in 5-axis machining**

Due to the topology of sheet metal parts, the alignment of the laser cutting head, can lead to collisions. The new automatic toolpath optimization feature of FASTSUITE E2 makes it possible to automatically calculate a collision-free path that is optimized with respect to machine dynamics. Based on the analysis of the toolpath, the user can remove errors and collisions with a single command, creating a toolpath optimized in terms of machine movements. This results in safe machine operation, smooth movements and ultimately better cut quality and shorter cycle times.

## **Simplified Fillet Weld**

In arc welding, especially when welding thick plates, the welding parts are often designed in assembly structures. These structures follow different design methods and may, for example, have gaps between the plates. This makes the definition of the root weld very complicated and requires manual intervention.

To simplify user interaction, a swipe gesture in FASTSUITE E2 can be used to complete the definition of the weld, regardless of which design method was used. The root weld is safely determined by projection. Users can now create operations much faster by simply indicating the plates to be welded.

## ***Claytex Launches AVSandbox Autonomous Vehicle Simulation Solution***

21 June 2022

**Claytex, a TECHNIA Company, and a world-leading consultancy, developer and distributor of modeling and simulation solutions for systems engineering announced it has launched AVSandbox, an autonomous vehicle simulation solution.**

**AVSandbox is breaking boundaries, enabling automotive manufacturers to test, develop and deploy AV solutions into the real world without compromising on safety.**

During their 24-year history in systems engineering, Claytex, a TECHNIA Company, has generated an abundance of successful IP on the foundation of their world-leading skills. The company have been working on simulation technology for autonomous vehicles since 2016, building on 7 prior years of work with full-motion driving simulators for Formula 1 and NASCAR.

Their latest innovation, AVSandbox, is a comprehensive, advanced simulation solution designed to help vehicle manufacturers work toward inherent safety by design for autonomous vehicles. The AVSandbox team have close ties with government regulatory bodies, working together to identify the standards which will shape international autonomous vehicle regulations.

*“With simulation, we can put autonomous vehicles into all types of edge cases – high-risk situations – to see what they’ll do, how they’ll handle it. We’ve got to have the simulation technology that allows us to fully immerse the autonomous vehicle, with all its sensor suite, into these complex environments. It’s this type of testing that we’re using within the D-Risk project to help create a virtual driving test for AVs.”*

**Mike Dempsey**

**Managing Director | Claytex, a TECHNIA Company**

*“The advances in, and number of, autonomous vehicles are projected to increase steadily in the coming years. To prepare for the future of safer and more sustainable mobility, we have to get a better understanding of the ethical issues and legal regulations that are still in development. The only viable way to do this is through the advanced simulation of autonomous vehicles.”*

**Magnus Falkman**

**Chief Executive Officer | TECHNIA**

## ***EnSuite-Cloud ReVue launches 1-click Experience Center***

21 June 2022

CCE, announced the launch of an Experience Center for all new users who want to explore the power of EnSuite-Cloud ReVue without having to commit to signing up for an account. This 1-click access to the Experience Center gives users a sandbox to experience the product, review multiple sample files of different CAD formats and then seamlessly transition to creating an account whenever they are ready.

“We want to make adoption of EnSuite-ReVue as seamless and frictionless as possible. Having been in the end-user software business for as long as we have, we understand user behavior and the reluctance to fully commit to something without knowing if the software is something that meets their requirements. This 1-click access to the Experience Center is an easy way for new users to understand what ReVue is and play around with it before deciding to commit. We have found this approach very useful at creating stickiness with users. In our experience, users who experience the software and then sign up stay around for longer and use the product more effectively from the get-go,” said Vinay Wagle, CCE’s V.P. of Sales and Marketing.

EnSuite-Cloud ReVue is a revolutionary **web-based real-time** engineering design review software,

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with **built-in audio**, that allows users to securely review CAD data across the Product Development Lifecycle. Whenever there is a need to review 2D/3D CAD data in the product development process, ReVue provides a secure platform for collaboration with your team or suppliers. Users can review 2D/3D designs of all the latest CAD versions from **CATIA V5, 3DXML, NX, Creo, SOLIDWORKS, Inventor, Solid Edge, JT, Parasolid and glTF** among others.

Key benefits of using EnSuite-Cloud ReVue for secure online meetings for engineering design reviews include:

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

## ***Finastra and ITC Infotech extend European partnership to deliver treasury automation in the cloud***

22 June 2022

Finastra announced a strategic partnership with ITC Infotech to deliver Finastra's Fusion Kondor cloud-based Treasury as a Service solution to its growing customer base in Europe. Customers will benefit from increased automation of treasury services, an evergreen system that keeps pace with regulatory change, and rapid time to go-live for new features and functionalities. The partnership strengthens Finastra's long standing relationship with ITC Infotech.

Anindya Roy, President – Europe at ITC Infotech commented, "Banking treasury teams are looking to modernize their processes and improve their operational resilience. The Kondor Treasury as a Service solution will enable banks to harness treasury technology quickly, to automate manual processes, reduce dependency on spreadsheets and legacy technology, and improve cost efficiency. Finastra's technology is market-leading, and we are excited to bring customers a seamless managed services proposition, which is easy and quick to implement, and significantly reduces cost overheads across treasury, risk and compliance."

"Capacity to build and run treasury systems at many banks is a challenge, and with increasing regulations to comply with, an automated solution that fills operational gaps can be ideal," said Monica Summerville, Head of Capital Markets, Celent. "Leveraging cloud delivery, bank employees can focus on their core roles, rather than worrying about underlying IT. This route also provides treasury managers the visibility and flexibility to easily comply with regulations, for which requirements are constantly updated within the solution, including Basel IV, EU CRR IV, FRTB, SA-CCR, and IRRBB."

The solution could be up and running in as little as 90 days, as it is designed ready-to-use and pre-configured with best practice models. Ahead of implementation, customer value experts from Finastra and ITC Infotech spend time with the bank's treasury, operations and IT teams to review the current architecture, helping to mitigate risk and ensuring a future proof solution in a secure cloud. Banks using Finastra technology can also tap into the FusionFabric.cloud open development platform to access innovative apps.

Wissam Khoury, EVP, Treasury & Capital Markets Business Unit at Finastra said, "ITC Infotech has

been a long-standing partner of ours and it makes sense to expand on our proven delivery track record, to bring banks in Europe, access to leading treasury technology in the cloud. Together we will deliver our treasury platform as a managed services offering, creating a compelling solution for our joint customers to take advantage of new capabilities such as liquidity management. This move aligns well with our commitment to orchestrating ecosystems that bring real value to the financial services industry.”

## ***Global market leader for brush technology Mink implements 3D CAD product configurator***

22 June 2022

### **Mink offers extensive 3D CAD service on website and on CADENAS download portals**

August Mink GmbH & Co. KG has published an online product catalog in cooperation with CADENAS GmbH with configurable 3D CAD models that can be downloaded in over 150 different native and neutral formats. This service is available on the Mink download portals on 3Dfindit.com and PARTcommunity.com, as well as on the manufacturer's website. Mink produces millions of brushes a year from a range of well over 250,000 variants. With such a large variety of products, the configurator is a helpful support for engineers and plant engineers. From now on, they can put together the desired brush product themselves, then download it directly in the appropriate CAD format free of charge and insert it into their design.

### **Configurator & download directly embedded into the Mink website**

Mink brushes can be configured directly on the company website. Customers are supported by a pre-selection of the available parameters. Once the configuration is complete, the selected product data as well as delivery times are displayed again in an overview. By clicking on the "Inquiry" button, the configuration is immediately sent to MINK's sales department for processing and quotation generation. By pressing the "3D CAD" button, the corresponding 3D CAD model is generated on-the-fly. "We can offer our customers the rapid availability of CAD data and thus an additional service for a smooth process with our new integrated 3D CAD configurator," says Mink.

Mink's brushes are used in a wide variety of industries, from automotive to food and pharmaceuticals to train and rail technology. The range of possible applications is also huge, as the brushes can be used in assemblies for transporting, sliding, guiding, cleaning, washing, dedusting, sealing and draining.

## ***Hexagon and ESAB to help manufacturers optimise robotic welding processes***

22 June 2022

Hexagon's Manufacturing Intelligence division has signed a partnership agreement with ESAB, a global fabrication technology leader, to create a streamlined welding solution combining Hexagon's powerful simulation software with ESAB's InduSuite solutions to help fabricators perform more efficient and successful welding operations. Hexagon's simulation intelligence, embedded within ESAB's software and automation portfolio, will ensure that users have the tools required to consistently manufacture high-quality products without costly trial and error.

Producing successful welds can be challenging without the benefit of many years' shop-floor experience and, even with an extensive welding experience, can incur high costs from waste and time. The need to increase process efficiency for the production of welded products in industries such as automotive, aerospace and capital-intensive machinery has increased automation in recent years, but manufacturers now stand to benefit from additional gains by automating elements of design for manufacturing, and

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ensuring consistent and reliable welding processes with simulation.

“ESAB’s partnership with Hexagon will increase manufacturers’ confidence in their welding expertise,” said Jonas Glimden, VP Digital Solutions and Robotics. “Manufacturers have had the machinery to perform welds as efficiently as possible, and now we can offer our customers a higher level of built-in knowledge with our joint software solutions to help them make better decisions across their fabrication workflow.”

ESAB’s InduSuite increases efficiency and precision on the shop floor by enabling fabricators to digitise welding processes for its machines and centralising weld specifications to ensure consistent, high quality welding operations. This will now include Hexagon’s Simufact Welding software, helping users to optimise weld sequences and locations by predicting issues such as component distortion based upon induced stresses for operators at the machine. Through the partnership, Hexagon will utilise key parameters from ESAB’s automated robotic fabrication machines to build and refine a digital twin so that fabricators can better gain a deeper understanding of their process, making optimal data-driven decisions without relying solely on costly trial and error.

“By coupling ESAB’s best-in-class welding and robotics solutions with the predictive power of Hexagon’s simulations, we will remove guesswork and ensure even better outcomes, instilling much greater confidence in production quality before costs are incurred,” said Jessica Zheng, Head of Virtual Manufacturing & Costing at Hexagon. “Embedding a digital twin within ESAB’s solutions makes the entire fabrication process smarter by ensuring that key decisions can be made on the shop floor with less dependence on scarce experience and more confidence in data.”

To bring products to market faster than ever without compromising on quality, manufacturers need to move quickly from underdefined or unrefined processes to delivering competitive quality and cost. Using simulation to automate process creation and refinement reduces or eliminates physical manufacturing iterations, and the resulting scrap. For example, battery pack demand has increased dramatically as a result of transport electrification, but each fabricated structure can require up to 10,000 welds. Each joint must be robust, and perform in an optimal sequence that accounts for efficiency whilst ensuring thermal-mechanical stresses do not compromise the joint and product quality.

## ***Honeywell Provides Visibility and Control to Help Realize Carbon Neutral Buildings***

20 June 2022

In recent years, thousands of companies have voluntarily pledged to meet sustainability targets, but many of them likely lack the knowledge and the tools to properly measure progress and how to optimize their carbon and energy footprints. Honeywell is working to help solve this problem with its new Carbon & Energy Management, a carbon energy management software, that enables building owners to track and optimize energy performance against carbon reduction goals, down to a device or asset level.

Carbon & Energy Management is the centerpiece of Honeywell's new Sustainable Buildings solutions portfolio, which is ready now to help building owners and operators meet two pressing, yet often conflicting, objectives: reducing the environmental impact of buildings while optimizing indoor air quality to support occupant well-being, with the aim of helping them to meet carbon neutral goals.

Companies face increasing pressure today – from stakeholders as well as regulatory agencies – to curb energy consumption, reduce carbon emissions and create more sustainable, healthier facilities. There's an urgent reason for this: commercial buildings currently account for almost a third of global energy consumption<sup>ii</sup> and 37% of global energy-related CO<sub>2</sub> emissions.<sup>iii</sup> While 28% of those emissions are related to building operations<sup>iv</sup> – or the energy used to heat, cool and power the building – many

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building owners likely don't have device or asset level insight into energy consumption or carbon impact.

Leveraging the Honeywell Forge enterprise performance management software solution's artificial intelligence (AI) and machine learning (ML) algorithms, Carbon & Energy Management autonomously identifies and implements energy conservation measures to help drive efficiency, resiliency and accountability throughout a real estate portfolio. It continuously investigates, analyzes and optimizes building performance, down to an asset-specific level, measuring critical sustainability KPIs including carbon emissions.

"The buildings industry has long worked to improve energy efficiency and reduce carbon impact, but it is imperative to make meaningful change in the near term – and that means building owners need better data about their operations," said Manish Sharma, vice president and general manager of Sustainable Buildings, Honeywell. "Given the increased awareness of and investment in sustainability, it's critical for a company to know – and to clearly communicate to stakeholders – how its facilities are optimizing energy baselines to reduce their carbon impact. We're helping customers create new metrics for success and removing the complexity of carbon management while balancing healthier spaces with our ready now solutions."

'Impact investors' want to know in specific terms what companies' carbon reduction goals are and what they're doing to meet them.<sup>v</sup> According to recent market studies, reducing a building's carbon footprint can potentially increase its commercial value.<sup>vi</sup>

Honeywell Carbon & Energy Management establishes an energy performance baseline using up to a three-year usage history, live meter data and environmental factors to determine which assets are driving energy consumption. The enterprise-level Carbon & Energy Management software provides a real-time dashboard of critical sustainability KPIs; aggregates carbon data from energy-related emission sources in a building – gas, electricity and fuel sources; reduces energy consumption using advanced building control capabilities; and reduces carbon footprint without compromising occupant well-being or comfort.

Carbon & Energy Management continuously collects 24/7 energy use data, logged at 15-minute intervals, and submeters all energy-consuming assets to collect granular consumption information. This data allows Honeywell to help customers establish a rigorously derived baseline, provides a roadmap for carbon neutral, and helps customers to execute the roadmap to help meet their carbon neutral goals. The solution allows building owners to avoid capital outlays for technology upgrades to meet sustainability reporting demands and minimize the time required to implement solutions.

Honeywell's advanced Sustainable Buildings portfolio can help meet energy efficiency goals, improve occupant well-being and change the way occupants experience a building. The portfolio aligns with Honeywell's commitment to achieve carbon neutrality in its facilities and operations by 2035, building on a track record of sharply reducing its greenhouse gas footprint as well as its decades-long history of innovation to help customers meet their environment, social and governance goals.

## ***NEW BLOCKCHAIN APPLICATION PROVES AUTHORSHIP OF CAD DATA***

24 June 2022

In the middle of last year, a blockchain committee was set up at the VDMA (German Association for Mechanical and Plant Engineering) to intensify the exchange of information on the technology and to investigate possible applications in more detail. The committee is affiliated with the VDMA's IT department and is open to all member companies interested in blockchain. New use cases are regularly

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presented at the committee's meetings. At the last meeting, PROSTEP showed how the technology can be used to prove beyond doubt the authorship of complex CAD models.

PROSTEP is an active member of the blockchain committee, and it was not the first time that it had presented a use case. At one of the committee's first meetings, Dr. Martin Holland, Head of Strategy & Business Development at PROSTEP, presented a blockchain-based solution for the forgery-proof exchange of 3D printing and process data and the unequivocal identification of the printed components. It was originally developed as part of the collaborative SAMPL project. Blockchain technology is now an integral part of PROSTEP's data exchange solution OpenDXM GlobalX, thus making it available to a wider range of users.

"We are seeing an increasing number of interesting blockchain applications that go beyond the mere payment processing function. In addition to automating business processes via smart contracts, the technology also offers great potential, particularly in the context of the unalterable documentation of transactions that can be used as evidence in court," says Holland. At the panel's last meeting, he presented another practice-oriented example: The solution, which was created in Holland, makes it possible to store the history describing the creation of complex CAD models in the blockchain and thus provide full proof of the authorship of the data. This is particularly interesting for collaborative open innovation scenarios in which multiple engineers work simultaneously on a new development.

"Members of VDMA, including PROSTEP, have developed a number of applications that are really exciting," says Kai Kalusa, head of Digital Public Affairs at VDMA. "We are currently discussing presenting these applications to a wider audience as part of a larger event in order to give our member companies a better understanding of the blockchain technology."

## ***Nexar Announces Massive CAD Model Marketplace***

16 June 2022

Nexar, a business unit of Altium LLC, announced the launching of the Octopart CAD Model Marketplace, a free database made up of a massive repository of computer aided design (CAD) models for electronic components. Octopart, part of the Nexar ecosystem, is an electronic component search engine powered by part data and intelligence from the Nexar API. Octopart's new CAD Model Marketplace simplifies PCB design and part selection workflows to create a single unified user experience that aggregates CAD models.

"As the industry's leading search engine for electronic parts, Octopart continues to simplify the part search and discovery journey by introducing our CAD Model Marketplace feature," says Daniel Schoenfelder, Head of Nexar Sales and Octopart. "Octopart users can eliminate the drudgery of locating and accessing CAD models. By using Octopart's powerful search capabilities, users can access 10 million electronic component CAD models that are compatible with all major PCB design tools."

Octopart.com simplifies and streamlines workflows by providing a central hub to search for parts and their available data and models. Users no longer have to search in various locations for CAD models. They can now preview symbols, footprints, and schematics from partners like Ultra Librarian and SnapEDA on a single platform, making their Octopart experience a one-stop-shop for free CAD models. In the future, users will also have access to 3D models from TraceParts, Nexar's newest partner.

## ***OpenText Accelerates Cloud Investments with Project Titanium***

21 June 2022

At OpenText World EMEA, OpenText™ unveiled Project Titanium, the future of information management in the cloud and the next step in the company's cloud journey. Project Titanium solidifies the organization's strategic position as a global leader in information management, giving customers the simplicity, flexibility, and trust to thrive in today's dynamic times through the cloud-based information management.

Project Titanium is a massive step forward in OpenText Cloud Editions bringing an integrated set of information management suites to the public and private cloud," said Mark J. Barrenechea, OpenText CEO & CTO. "Disruption is accelerating and customer needs are evolving. Organizations need an integrated, easy-to-use set of cloud products to serve as the foundation of modern work, digital supply chains, customer experiences and secure computing. Being intelligent, connected, and responsible through an information advantage will translate exponential opportunities into sustained business value."

Project Titanium will strengthen the OpenText Cloud Platform to provide a common platform for consuming all OpenText software and services. Through this unified platform for cloud applications, integrations, and microservices, OpenText Cloud Editions will be available to customers either off-cloud, in a private cloud or with a public cloud. Open to third party and custom applications and accessible through OpenText APIs, this next level of integrated information management across an ecosystem will enable customers to move more workloads to the cloud securely. Moreover, through the OpenText Cloud Zone, customers and partners will have a new digital resource center to evaluate, administrate, renew, and get support on products more easily.

"OpenText has prioritized its research and development investments in the cloud over the next 18 months at the pace of releases every 90 days," said Muhi Majzoub, OpenText EVP and Chief Product Officer. "Our customer and partner experiences are our priority and with Project Titanium underway, we are making great strides towards empowering them to drive the productivity and profitability they need. Project Titanium will enable the digital fabric for content management and business networks with global scale, new compliance and security standards and a unified experience."

OpenText CEO Mark Barrenechea spoke on Project Titanium during his opening keynote at OpenText World EMEA highlighting the future of the OpenText cloud journey and plans around all initiatives geared toward better serving customers to solve exponential problems. From climate innovation, security and compliance to the green bottom line, Project Titanium is designed to help equip organizations of all sizes for larger opportunities.

## ***OpenText Powers the Information Advantage with Cloud Editions 22.2***

21 June 2022

At OpenText World EMEA, OpenText, announced Cloud Editions 22.2 (CE 22.2) featuring new capabilities and innovations that enable businesses to be agile, responsive, and resilient in a time when disruption is accelerating. As a global leader in information management, OpenText is powering and protecting businesses to achieve the information advantage by being intelligent, connected, and responsible.

Businesses need to be prepared for the next wave of disruption," said Mark J. Barrenechea, OpenText CEO & CTO. "Understanding that information is exponential and seizing this opportunity to address bigger issues such as sustainability, talent, compliance, supply chain disruption, and new rules of customer engagement with an information advantage is key. Digital fabrics are at the core of everything

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we do at OpenText. CE 22.2 provides organizations with comprehensive information management tools to achieve efficiency, growth and scale to drive sustained business value.”

Barrenechea will reveal the CE 22.2 release this morning during his opening keynote at OpenText World EMEA.

Also, during OTW EMEA, Muji Majzoub, EVP and Chief Product Officer, OpenText, is sitting down for a fireside chat with long-time OpenText client, Carl Zeiss AG to talk about their modernization journey: “As we recently began our modernization efforts with SAP S/4HANA, we recognized the need to migrate our existing OpenText Archive Center for SAP Solutions, housing more than 20 years of data, into the cloud,” said Carsten Trapp, Senior Vice President, Information Technology, Carl Zeiss AG. “With the transition to OpenText™ Core Archive for SAP Solutions, we are putting our trust in OpenText as a reliable service provider to reduce our effort and become more efficient in the long term with this new SaaS solution.”

Information Management is the bridge between customer and employee experiences. With CE 22.2, businesses can easily and securely share, manage and monetize their data with innovation that’s at the heart of helping organizations improve engagement with employees, customers and partners, enabling faster decision-making to power modern work.

## **Integrate to exceed customer and employee expectations**

Successful integration involves bringing together workplace tools, applications, and services to support modern work. Connecting people, information and processes can improve operations to simplify workflows, refocus attention, and get back to working smarter—not harder. CE 22.2 makes it easier to connect information with critical business applications and processes. OpenText™ Core Content further deepens integration with Microsoft Teams, making it a repository for more advanced governance control, built-in eSignature workflows, templated business workspaces, capture, and more, in one powerful SaaS solution. OpenText™ Extended ECM now helps businesses share content between Microsoft Teams, SAP and Salesforce, as well as line of business and industry solutions like Engineering, to improve collaboration, better govern content, and create a 360° view.

To help businesses of any size achieve enterprise-grade integration capabilities, the new NetSuite® Order to Cash Adapter Kit brings enterprise-grade integration capabilities to mid-market NetSuite users. Organizations can seamlessly integrate with their trading partners to easily exchange key business documents such as orders, invoices and Advance Ship Notices (ASNs)—with no need for electronic data interchange (EDI) expertise. This enables businesses to accelerate information flows, ensure timely and accurate information enters NetSuite and future-proof digital processes.

## **Improve productivity and minimize information overload**

Companies are searching for a balance between old ways of working and modern technology to make sense of the crowded data landscape. With CE 22.2, businesses can shift to the next level of information management by using modern communications Customer Experience Management (CCM/CXM) and developer platforms that strengthen efficiency through data-driven, personalized, on-brand omnichannel experiences.

Combining data sources for precise communication targeting is now available with OpenText™ Exstream + CDP to help better leverage first party data, enabling even higher levels of personalization – improving customer engagement and response rates. OpenText™ Media Management adds a new integration framework, reducing the build time of new connectors by up to 80%, empowers content tracking through third-party applications and offers a new connector for seamless video delivery on Vidyard. OpenText Developer API Services now extends beyond North America so developers can

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commercialize their applications for subscribers—and extend OpenText Core Content subscriptions using APIs—within Europe and the EU Data Protection Zone.

Organizations can utilize and monetize existing data to create machine learning and AI features that enable new industry-specific services. The new Customer Lifecycle Information Management for Financial Services combines Extended ECM with TeamSite and Exstream and integrates into key CRM platforms such as Salesforce. This provides a 360° view of the customer, empowering employees to provide superior service, deliver optimized customer experiences, enforce governance and risk management and reduce operational costs. Additionally, the new Asset Track & Trace for Healthcare leverages the IoT platform to identify, locate, secure, and manage thousands of medical devices to improve operational efficiency, patient care and experiences while ensuring compliance and security.

## **Creating trust in an untrusted world**

The increased global volatility is cause for organizations to power and protect their data and systems to ensure cyber resiliency. According to a recent Accenture report, incident response engagements, ransomware and extortion operations made up almost 35% of intrusion volume in 2021 and represented a 107% year-over-year increase from 2020.

To ensure cyber resilience, organizations must deploy strong multi-layered security and data protection policies to prevent, respond and quickly recover from threats. OpenText has deep and expansive Security Solutions that provide protection to business of all sizes. In addition to existing security solutions, CE 22.2 offers organizations power with OpenText EnCase Information Assurance, delivering modern data collection in the cloud with scalable visibility. Companies can easily gather and preserve modern email attachments in O365 and Teams and view them in the new evidence browser.

OpenText is also improving general data protection regulation (GDPR) compliance in business communication through expanded security solutions. Webroot Email Encryption powered by Zix is now available in United Kingdom and Ireland (UKI). Businesses can monitor and protect personally identifiable information (PII) in their communication including the ability to scan outbound email communication for PII and automatically block, quarantine or encrypt based on corporate policies. Businesses can archive communication and conduct ongoing corporate compliance with e-discovery with Carbonite Information Archive, now with German language support. Carbonite Information Archive enables proactive compliance with cloud-based archiving of 50+ data sources, complementing Mailstore's off-cloud email archiving in 17 languages.

The innovations in CE 22.2 provide customers with a complete set of tools to harness the power of information and manage it collectively, securely, and intelligently. Organizations can turn information into an advantage by connecting people with the information and tools they use every day for richer, personalized experiences.

## ***OpenText Powers the Information Advantage with Cloud Editions 22.2***

21 June 2022

At OpenText World EMEA, OpenText™, announced Cloud Editions 22.2 (CE 22.2) featuring new capabilities and innovations that enable businesses to be agile, responsive, and resilient in a time when disruption is accelerating. As a global leader in information management, OpenText is powering and protecting businesses to achieve the information advantage by being intelligent, connected, and responsible.

Businesses need to be prepared for the next wave of disruption,” said Mark J. Barrenechea, OpenText

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CEO & CTO. “Understanding that information is exponential and seizing this opportunity to address bigger issues such as sustainability, talent, compliance, supply chain disruption, and new rules of customer engagement with an information advantage is key. Digital fabrics are at the core of everything we do at OpenText. CE 22.2 provides organizations with comprehensive information management tools to achieve efficiency, growth and scale to drive sustained business value.”

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## ***Release Announcement of CADfeature 17.0 M2***

20 June 2022

Elysium has released CADfeature 17.0 M2.

Key Enhancement

Support New CAD Version

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CAD	Versions added in 17.0 M2	Supported Versions
Autodesk Inventor	2023	2019 – 2023

## *Siemens' NX delivers greater cross-discipline collaboration and knowledge capture*

21 June 2022

Siemens Digital Industries Software announced that the latest release of Siemens' NX™ software, an industry leading product engineering solution, brings greater electronic co-design, collaboration, and intelligence capture and reuse capability. These empower engineering executives across every industry to find productivity improvements and greater efficiencies in their engineering departments.

“Innovators and pioneers, from clean-sheet start-ups to household name brands, are adopting NX and choosing us as a trusted partner, as we explore the future of design, engineering and manufacturing together,” said Bob Haubrock, Senior Vice President, Product Engineering Software, Siemens. “This latest release brings enhancements to our users across the board, enabling them to work more intelligently between multidisciplinary teams, capture and reuse more knowledge and achieve that optimum design more efficiently than ever before. Alongside brand-new functionality, our significant investments to core technologies, such as sketch and convergent modeling, will further improve the toolsets that our community of users relies on every day.”

Part of the Siemens Xcelerator portfolio of software and services, NX delivers productivity and user-experience enhancements across a broad range of capabilities.

Leveraging our leadership and expertise in the electronics/electrical engineering space with Siemens EDA (formerly Mentor Graphics), NX extends its electronic design collaboration capabilities further with a **robust workflow for rigid and rigid-flex PCB designs**. These are especially important given increased product complexity and packaging constraints.

Users will notice a new **codeless approach to Feature Templates** that enables the reuse of the knowledge embedded into NX data during design. This elevates user-defined features to the next level, extending data reuse from pure parametric geometry features to include PMI, requirements checks and more. The key benefit is a jump start of efficient knowledge reuse and greater collaboration amongst design and engineering teams.

NX is renowned for its leadership in **complex shape development** and whatever the industry sector customers operate within, aesthetic quality is now just as important as functionality, efficiency and performance. The latest release of NX brings new tools to help develop the forms designers need and their customers demand, whether that's updates to **curve creation and editing** with parametric features or to **NX Algorithmic Modeling** which better support convergent modeling workflows enabling more efficient ways to complex patterns and shapes.

**NX Topology Optimizer** now fully replaces and surpasses our previous solution capabilities. Part optimization within the context of an assembly now considers design and manufacturing constraints and makes simultaneous optimization of multiple design spaces with independent materials possible.

The recently introduced **NX Design Space Explorer** for multi-objective optimization also now offers multi-run support to fine tune ranges and refine searches and Simcenter™ HEEDS™ software run options are now fully integrated and cover baseline, random seed, and normalization factors. This will enable customers to benefit from both cost and time savings through automation of complex optimization tasks helping them to achieve faster time to market during the design engineering phase of

product development.

“Today's mechanical products are complex, and engineers need to integrate mechanical, electrical and electronics. Bringing the data from each of these disciplines can create design friction, which needs to be resolved quickly,” said Arvind Krishnan, industry analyst, Lifecycle Insights. “A good example is the placement of a cooling fan in an electronic housing. The engineers benefit by working in a collaborative environment. So, when there is a change in the electronic board design, the mechanical engineer responsible for the fan and housing design can respond, and vice versa. NX provides best-in-class electromechanical design tools, smoothly weaving together the different needs of the mechanical, electrical, and electronic disciplines into exactly that tightly integrated collaborative environment.”

## ***Toggled Unveils New Fixture Controller for Network Lighting Control Management at LightFair 2022***

20 June 2022

Toggled®, a wholly owned subsidiary of Altair focused on intelligent building management solutions, today announced the new Toggled iQ Fixture Controller. The device gives users control over individual light fixtures for a better lighting experience, while connecting them with the Toggled iQ network lighting control system, delivering energy savings and additional system efficiencies. Toggled will be exhibiting the Fixture Controller as part of its next generation Toggled iQ connected building platform at LightFair 2022 in Las Vegas, June 19-23.

Further building on the capabilities of Toggled's iQ technology portfolio, the Fixture Controller provides a dimming and color control interface between existing 0-10V dimmable fixtures and the Toggled iQ network lighting control platform. When paired with other Toggled iQ offerings such as sensors, switches, and the free Toggled iQ app, the Fixture Controller can enable daylight harvesting, occupancy/vacancy based control, or schedule-based control, as well as customized lighting scenes all from an individual fixture within the connected network.

"Businesses are under pressure to reduce energy consumption to meet their sustainability goals and to keep costs down. Implementing smart building solutions can play a pivotal role in both these areas," said Daniel Hollenkamp Jr., chief operating officer, Toggled. "Our new Fixture Controller represents the next step in offering customers the most innovative and user-friendly connected building solutions that meet all of their lighting and energy efficiency needs."

"Businesses and building operators have to master the delicate balance between building controls that generate energy and cost savings, with the satisfaction of their customers and employees. Toggled's new advancement means our business customers no longer have to walk this line - they can enable individual control of lighting devices while simultaneously driving down energy consumption and costs through the connected building system," said Sawyer Allen, chief executive officer, Mid-Atlantic Energy Solutions, a Toggled reseller. "We're looking forward to this next advancement in the Toggled iQ platform portfolio."

### **Key Benefits of Toggled iQ Fixture Controller:**

- *Dimming/color control:* Two 0-10V outputs provide dimming and CCT control for individual fixtures.
- *Allows for integrated and independent installation:* Consistent with all Toggled iQ products, the Fixture Controller can be installed as a stand-alone device or as part of a larger portfolio of network-controlled devices.

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- *Offers multiple control methods* including daylight harvesting, color control, scheduling, and app control features.
- *Simple installation and set-up*: Threaded adapter allows for installation in standard ½" knockouts while the device can easily be set up for connection through the free [Toggled iQ app](#).

Founded in 2007, Toggled has evolved from a leading LED lighting provider to an innovator in sustainable building technologies that enable organizations to customize and control their building operating systems in real-time.

With more than 150 patents, Toggled is the only software-focused company to deliver end-to-end networked lighting and building control solutions, ensuring consistent product quality and customer satisfaction. Because the system is wireless, users don't have to tear up the office space during installation. Toggled iQ can also integrate into existing BAS systems, which provides additional flexibility when considering system architecture.

In addition to the new Toggled iQ Fixture Controller, Toggled will also be spotlighting its full building solutions portfolio at LightFair, including:

- Toggled iQ Plug Load Controller
- Toggled iQ Area Lighting Controller
- Toggled iQ LED tubes
- Toggled iQ Sensor
- Toggled iQ Downlights
- Toggled iQ Switch
- Toggled iQ Gateway

## ***World first: Lectra announces the launch of its Automotive Cutting Room 4.0 offer***

24 June 2022

**Lectra supports its customers by designing and developing cutting-edge solutions that combine software, equipment, data and services to make its offer the gateway to Industry 4.0.**

The automotive industry currently faces a complex set of market dynamics: rising material and transport costs, reduced budgets, changing consumer expectations, increasing challenges related to CSR, etc. In this context, improving efficiency across the whole value chain has become a strategic priority for vehicle and equipment manufacturers.

With Industry 4.0, a new range of possibilities is opening up to businesses. The concept and its technologies bring in new value creation and cost control models based on synchronized, flexible and fast processes.

Céline Choussy, Lectra's Chief Product Officer, explains: *"The automotive sector, well aware of the competitiveness challenges associated with its digital transformation, is leading the way in terms of Industry 4.0. Productivity improvements and material savings are still possible in cutting rooms: with the launch of the Automotive Cutting Room 4.0 offer, we enable automotive manufacturers to take a further significant step towards operational excellence"*.

The Automotive Cutting Room 4.0 offer is a set of solutions connected to one other: Vector, the fabric cutting equipment offering the best performance in the market; Empower, a new generation of digital services to leverage Vector's capabilities; Valia, the heart of the new offer, a software for preparing and

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scheduling production; and Algotex, an application for exploiting and capitalizing on all the data generated by the cutting room, so you can make the best decisions as quickly as possible.

Renaud Cellier, Assistant Director of the Covering Materials Business Unit at vehicle seat manufacturer Tesca, confirms: *“Digitalization is a strategic axis in all our areas of activity, including the cutting rooms. The real-time display of key indicators and the performance analysis and improvement made possible by digitalization are essential to adapt to a volatile and uncertain economic environment. The Automotive Cutting Room 4.0 offer enables us to be more reactive and to optimize our performance, and gives us analyses and recommendations for improving the key performance indicators and efficiency of our cutting lines”*.

Connecting up all the elements of the Automotive Cutting Room 4.0 offer delivers this unprecedented value and enables an unparalleled level of performance to be achieved. Nicolas Favreau, Lectra’s Automotive Marketing Strategy Director, explains: *“When the whole cutting room process is digitalized, the data generated are centralized and accessible in real time, helping our customers to make the best decisions at every step of the production process. The benefits are huge. For example, the key performance indicators from the offer’s first users show productivity gains of around 5% and a reduction in material consumption of nearly 2%. That’s unheard of! These results, combined with the agility that the Automotive Cutting Room 4.0 brings and the complete process control, demonstrate the offer’s maximum relevance.”*