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CIMdata News

CIMdata to Participate in an Upcoming Webinar on Digital Transformation

27 June 2019

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that Tom Gill, Executive Consultant, will take part in a webinar that will discuss the reasons why a platform architecture is the core digital transformation enabler.

Managing the complete lifecycle of a product improves revenue opportunities and is a common digital transformation goal. This webinar will talk about the issues with legacy monolithic architectures, key elements of a product innovation platform architecture, and what business benefits can be achieved with a modern solution.

Tom Gill has over 25 years of experience applying computer-based solutions to engineering and manufacturing. Before joining CIMdata he worked as an independent PLM consultant, after spending over 20 years at high-volume manufacturing companies. Mr. Gill has worked on projects in numerous industries, including fabrication & assembly, food & beverage, defense, chemical, and medical devices. He has executed PLM strategy projects, solution evaluation and selection projects, deployment planning, and training development for industrial clients.

The webinar, Platform Architecture: The Core Digital Transformation Enabler, is sponsored by Aras and will take place on Wednesday, 17 July at 11:00 a.m. EDT. To learn more or register, visit <https://www.cimdata.com/en/events/cimdata-supported-events/event/477-webinar-platform-architecture-the-core-digital-transformation-enabler>.

About CIMdata

CIMdata, a leading independent worldwide firm, provides strategic management consulting to maximize an enterprise's ability to design and deliver innovative products and services through the application of Product Lifecycle Management (PLM) solutions. Since its founding in 1983, CIMdata has delivered world-class knowledge, expertise, and best-practice methods on PLM solutions. These solutions incorporate both business processes and a wide-ranging set of PLM-enabling technologies.

CIMdata works with both industrial organizations and providers of technologies and services seeking competitive advantage in the global economy. In addition to consulting, CIMdata conducts research,

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provides PLM-focused subscription services, and produces several commercial publications. The company also provides industry education through PLM certificate programs, seminars, and conferences worldwide. CIMdata serves clients around the world from offices in North America, Europe, and Asia-Pacific. To learn more about CIMdata's services, visit our website at www.CIMdata.com, follow us on Twitter: <http://twitter.com/CIMdataPLMNews>, or contact CIMdata at: 3909 Research Park Drive, Ann Arbor, MI 48108, USA, Tel: +1 734.668.9922. Fax: +1 734.668.1957; or at Oogststraat 20, 6004 CV Weert, The Netherlands, Tel: +31 (0) 495.533.666.

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CIMdata Publishes Simulation and Analysis Market Report

25 June 2019

CIMdata, Inc., the leading global PLM strategic management consulting and research firm announces the release of the CIMdata Simulation and Analysis (S&A) Market Analysis Report. This report deepens the S&A market analysis conducted as part of the CIMdata 2019 PLM Market Analysis Report Series. The well-known PLM MAR Series provides detailed information and in-depth analysis on the worldwide PLM market during calendar year 2018. It contains analyses of major trends and issues; revenues of leading PLM providers; and revenue analyses for geographical regions, industry sectors, and historical and projected data on market growth. The 2019 S&A MAR is an 100+-page report containing 40 tables and charts of data detailing the worldwide S&A market along a number of dimensions. It also includes an update on CIMdata's S&A segmentation, a discussion of trends in the S&A industry, and updates on the top S&A solution providers.

According to Mr. Don Tolle, CIMdata's Practice Manager for Simulation-Driven Systems Development, "While detailed 3D modeling, simulation, and analysis for virtual prototyping and verification/validation still makes up the majority of the S&A market segment, systems-level behavior modeling, simulation, and analysis are increasingly recognized as must-have core competencies to enable the digitalization of product development, manufacturing, and in-service lifecycle operations by leveraging physics-based Digital Twins. Products are increasingly complex due to the high degree of electronics and software content in today's cyber-physical systems. New capabilities, such as 3D printing or additive manufacturing, are also having a major impact on product design and manufacturing by enabling innovative new processes such as generative design. The emergence of physics-based digital twins and real-time data analytics from IoT-enabled smart systems promise to provide unprecedented product performance knowledge to end users of today's products as well as to the design engineers who must build innovative new products to meet ever more demanding customer and regulatory requirements.

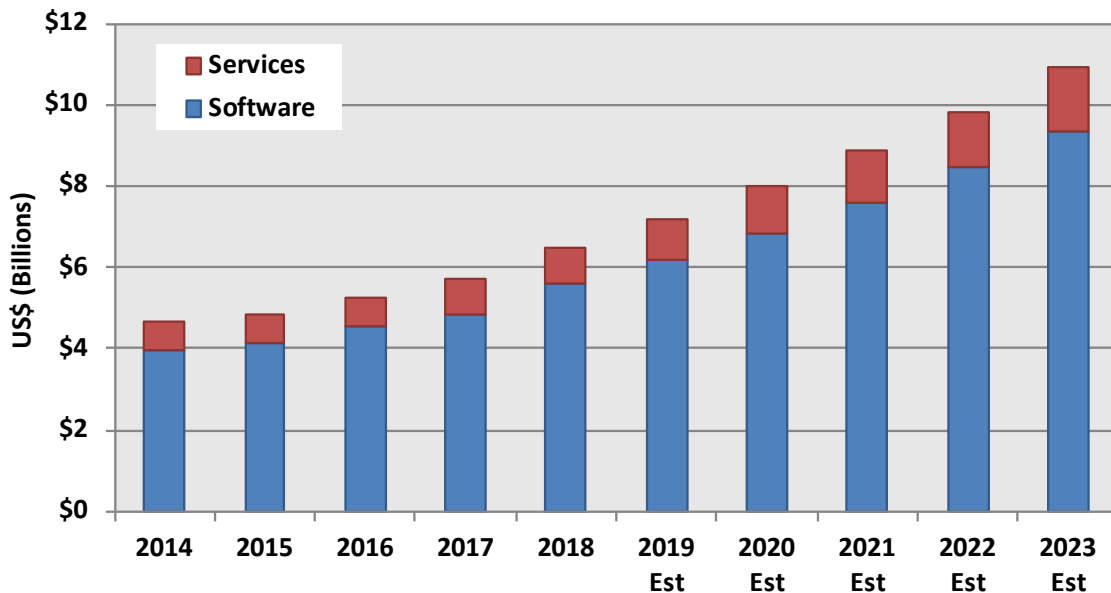
"To meet these industry challenges, there is a strong industry focus on creating collaborative product innovation platforms that enable cross-domain 'digital process threads' (including mechanical, electronics, software, controls, chemistry, materials, and other physics) that can be shared, continuously improved, and managed throughout the product development lifecycle. The major software and services solution providers are investing heavily in R&D to create new model-driven, integrated MBSE, PLM, and S&A capabilities as well as adding new leading-edge technologies by acquiring or partnering with smaller, innovative solutions providers.

"Looking forward, democratization of collaborative model-based engineering approaches based on open

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platforms, role-specific user interfaces, and data interoperability standards will allow a true systems engineering approach from product ideation through detailed development, verification and validation, manufacturing, in-service operations, and ultimately support for reuse, recycling, and end of life. Technologies in the area of ‘augmented intelligence’ (leveraging Artificial Intelligence/Machine Learning/Deep Learning) will become increasingly relevant in enabling simulation engineers as well as all engineers to make better design trade-off decisions with the most relevant product performance information available—the right data presented in the context of the user’s specific role at the right time. In that respect, CIMdata believes that while great progress is being made today by industry and the PLM solution providers, we are still relatively early in the journey towards achieving the widely forecasted business benefits of digitalization in the product development domain.”

As shown in the following chart, in 2018 S&A revenues grew to nearly \$6.5 billion, an increase of 13.1% over the \$5.7 billion in 2017. According to Mr. Stan Przybylinski, CIMdata’s VP of Research, “While the S&A segment has been the star of PLM in terms of growth since 2010, 2018 was an outstanding year for the segment. CIMdata believes S&A is continuing to move ‘up front’ in the product development process (i.e., to the ‘left’ side of the Systems Engineering Vee), helping companies evaluate multiple design concepts and optimize performance before committing to the final hardware and software design. Growth was broad-based and the public S&A solution providers expect another strong year in 2019 based on their revenue guidance to Wall Street. CIMdata expects that S&A will continue to be one of the more rapidly growing segments within the tools sector of PLM over the next five years, and forecasts that this market sector will reach nearly \$11 billion in 2023, with an 11.1% CAGR. For 2019, CIMdata forecasts that the S&A sub-sector will grow 11.6% overall and have revenues of just over \$7.2 billion.”



S&A Market History and CIMdata Growth Estimates

The 2019 CIMdata S&A Market Analysis Report is available for purchase at: <http://www.cimdata.com/en/research/plm-market-analysis-report-series>.

About CIMdata

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CIMdata works with both industrial organizations and providers of technologies and services seeking competitive advantage in the global economy. In addition to consulting, CIMdata conducts research, provides PLM-focused subscription services, and produces several commercial publications. The company also provides industry education through PLM certificate programs, seminars, and conferences worldwide. CIMdata serves clients around the world from offices in North America, Europe, and Asia Pacific. To learn more about CIMdata's services, visit our website at www.CIMdata.com, follow us on Twitter: <http://twitter.com/CIMdataPLMNews>, or contact CIMdata at: 3909 Research Park Drive, Ann Arbor, MI 48108, USA, Tel: +1 734.668.9922. Fax: +1 734.668.1957; or at Oogststraat 20, 6004 CV Weert, The Netherlands, Tel: +31 (0) 495.533.666.

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Acquisitions

Capgemini and Altran create a global digital transformation leader for industrial and tech companies

24 June 2019

Capgemini, a global leader in consulting, IT services and digital transformation, and Altran Technologies, the global leader in Engineering and R&D services, announced that they have entered into an agreement for exclusive negotiations whereby Capgemini is to acquire Altran, through a friendly takeover bid at €14.00 per Altran share, payable in cash. The total cash consideration will amount to €3.6 billion^[4], excluding net financial debt (c. €1.4 billion). The transaction will be accretive to Capgemini's normalized EPS by more than 15%, before synergies from the combination. In 2023, accretion is expected to exceed 25% post synergies. The agreement is unanimously recommended and approved by the Boards of Directors of Capgemini and Altran. In addition, Capgemini has signed a definitive agreement to acquire shares representing 11% of Altran capital from a group of shareholders led by Apax Partners.

Paul Hermelin, Chairman and Chief Executive Officer of the Capgemini Group, said: "This proposed combination enables Capgemini to take the lead in a very promising market segment—what we call 'Intelligent Industry' or the digital transformation of industrial and tech companies. The complementarity and power of our combined business and technological expertise are truly outstanding assets. By joining forces, we are positioning ourselves as a clear strategic partner to assist our clients in taking full advantage of the revolution created by the developments of the cloud, Edge computing, IoT, artificial intelligence and 5G. I am delighted to welcome to Capgemini the talents and leaders of Altran, who share our beliefs and corporate culture."

Dominique Cerutti, Chairman and Chief Executive Officer of the Altran Group, added: "The proposed combination of Altran with Capgemini is perfectly aligned with the vision set out in our strategic plan.

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While technological disruptions and the digitalization of industries are accelerating, Altran has developed new service models and strengthened its leadership with a high value-added offer for its customers' Engineering and R&D activities. In an industry that is consolidating rapidly there is no doubt that Capgemini is the ideal partner to build together a world leader in digital transformation. This transaction will create value for our customers, and is an outstanding opportunity to showcase the talent of our teams.”

Two industry leaders join forces

Capgemini is a world leader in consulting, IT services and digital transformation. Altran is the world leading provider of Engineering and R&D services, with a portfolio of high-profile clients, extensive sector expertise and in-depth understanding of industrial business processes and operational technologies.

The combination of the two companies will create a group with revenues of €17 billion² and more than 250,000 employees. This new entity will leverage its unique positioning in particularly promising segments.

Through its enhanced scale and broad services portfolio, the combined group will benefit from increased access to key decision-makers from key accounts in dynamic industries (such as Aerospace, Automotive, Life Sciences and Telecommunications) including R&D, manufacturing and supply chain CxOs.

This transaction allows Capgemini to accelerate its development with major Internet and tech companies, by giving the new entity a critical mass in software engineering through centers of expertise, particularly in India and Eastern Europe. The Group aims to become a major player in this key market.

Strengthened leadership in the fast-growing market of Engineering and R&D services

Over the medium-term, Engineering and R&D (ER&D) services are anticipated to grow by around 9%^[5] annually. The new entity will be the world's top player in ER&D by size (notably in the USA and in Europe), with unique sector expertise.

The combined scope of these Engineering and R&D services activities will represent annual revenues of approximately €3.4 billion^[6] and 54,000 professionals, including 21,000 in 5 Global Engineering Centers.

Building on its track record in industrialization and innovation, Capgemini will strengthen Altran's deployment of its segmented model of services (high value-added services, traditional services, Industrialized Globalshore[®]) to support customers throughout the entire life cycle of their products and services.

Introducing a world leader in “*Intelligent Industry*”

The new Group will benefit from a unique ability to support industrial players in their digital transformation, by combining its intimate knowledge of their businesses, its privileged access to decision-makers and its portfolio of offers that spans digital transformation, consulting and innovation, information technologies (IT) and operational technologies^[7] (OT). Building on these strengths, Capgemini will reinforce its role as the strategic partner of choice of its customers in this “*Intelligent Industry*” space, which present a double-digit growth potential^[8].

Strong value creation

The Group expects accretion to normalized EPS, before synergies from the combination, of more than

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15% in the first year after closing.

Cost and operating model synergies are anticipated to reach an annual pre-tax run rate between €70 and €100 million in 3 years. At that point in time, commercial synergies should generate between €200 million and €350 million in additional annual revenues, from cross-selling and the development of innovative sectorial offers.

In 2023, with the benefits of these synergies, the accretion on normalized earnings per share should exceed 25%.

Integration facilitated by cultural proximity and a similar operating model

With both companies built on engineering talent and traditions, Capgemini and Altran have a very close corporate culture that will facilitate a smooth integration of their teams. The two groups also have very similar operating models with many operational indicators in common.

The combined Group will continue to invest massively in its talents, opening up a host of opportunities for the employees of both entities.

Key transaction terms

The agreement sets out the key terms and conditions of the proposed transaction, organizes the information or consultation process by Capgemini and Altran of their respective works councils and contains in particular an exclusive commitment by Altran.

Capgemini intends to launch a cash offer for all Altran share capital at a price of €14.00 per share. This represents a premium of 30% over the volume-weighted average share price over the month until Friday 21 June (adjusted for the €0.24 coupon to be detached on July 1st) and a 33% premium over the 3-month volume weighted average price.

The total cash consideration will amount to €3.6 billion, before taking into account net financial debt (c. €1.4 billion).

Capgemini has signed a definitive agreement to acquire an 11% stake in Altran from the concert formed around Apax Partners (comprising possible customary top-ups).

The public offer launch is expected to take place after the information or consultation phase of the respective works councils, and after the customary regulatory approvals have been received, notably CFIUS in the United States and antitrust authorities. However, the Group reserves the right to launch the public offer before these regulatory approvals are received.

The completion of this combination is expected by the end of 2019.

Financing

Capgemini has secured a bridge financing of €5.4 billion, covering the purchase of securities (€3.6 billion) as well as the gross debt (€1.8 billion).

It plans to refinance the bridge with available cash for €1 billion and the balance by debt issuance, primarily new bond issues.

CONFERENCE CALL

Paul Hermelin, Chairman and Chief Executive Officer of Capgemini, and Dominique Cerutti, Chairman and Chief Executive Officer of Altran, accompanied by Carole Ferrand, Chief Financial Officer of Capgemini, Thierry Delaporte and Aïman Ezzat, Capgemini Co-COOs, will comment on the

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combination project during a conference call in English **today at 7:00 p.m. Paris time (CET)**.

- This conference call will be accessible via webcast, live and replay for one year from this [link](#).
- Dial-in numbers

France Toll: +33 172727403 PIN: 13584080#

United Kingdom Toll: +442071943759 PIN: 13584080#

United States Toll: +1 6467224916 PIN: 13584080#

All documents relating to this project will be posted on Capgemini's Investor Relations website at <https://investors.capgemini.com/en/>.

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Hexagon acquires AMendate to shape the generative design market

24 June 2019

Hexagon's Manufacturing Intelligence division announced that Hexagon has entered into a definitive agreement to acquire [AMendate](#), a German-based start-up providing simulation software solutions that support the generation and optimisation of designs for additive manufacturing. AMendate will join Hexagon's MSC Software business, a global leader in computer-aided engineering (CAE) simulation software and services.

With this acquisition, MSC is positioned to offer its customers a paradigm shift away from general purpose optimisation technologies to an innovative, purpose built software solution for additive manufacturing. Enabling the efficient production of highly complex components and providing customers with numerous benefits, from material-saving, weight reduction and efficient, cost-effective production. AMendate's technology eliminates the inefficient manual effort that significantly slows today's workflows, allowing work steps to be completed in days that would otherwise take several weeks.

"The AMendate acquisition directly addresses a major obstacle during design for companies shifting to additive manufacturing processes," said Paolo Guglielmini, CEO, MSC Software. "It enhances our Smart Factory solutions by minimising time-to-print. We are proud to welcome AMendate to the MSC team, and we look forward to what we will accomplish together."

"With MSC being one of the most renowned developers for software solutions in CAE, we are incredibly excited to introduce our generative design technology to its customers," said Dr. Thomas Reiher, CEO & Co-Founder, AMendate GmbH. "The integration of AMendate's software in MSC's established simulation technologies such as Simufact and MSC Apex will enable us to further enhance our technology even faster and make its benefits available to a global audience."

AMendate was founded in 2018 by a team of experienced researchers from Paderborn University and the Direct Manufacturing Research Center (DMRC) in Paderborn, an industrial/academic consortium started in 2008 by Boeing, EOS, and other commercial partners.

The AMendate transaction is expected to close early third quarter and subject to customary closing

conditions.

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Siemens sells electric aircraft-propulsion business to Rolls-Royce

18 June 2019

Siemens and Rolls-Royce signed an agreement today at the International Paris Air Show in Le Bourget (France) for the sale of Siemens' eAircraft unit. Through its Vision 2020+ company strategy, Siemens intends to sharpen its portfolio's focus. For this reason, the company's business with electric and hybrid-electric systems for aircraft will have substantially better growth perspectives with new owners closely connected to the aerospace industry. Closing is subject to the usual conditions and is expected to take place in late 2019. The partners have agreed not to disclose the financial details of the transaction.

"Our eAircraft team, under the leadership of Frank Anton, has made aviation history several times in the past ten years and is a pioneer in electric and hybrid-electric systems for aircraft," said Roland Busch, CTO and COO of Siemens AG. "With Rolls-Royce, we've found a perfect home for this business and have placed its expertise in the hands of one of Airbus' close partners. We will continue to cooperate with Rolls-Royce, in particular by making our digital solutions portfolio available in order to facilitate this major step toward sustainable, lower-emission aviation."

As an in-house startup with around 180 employees, Siemens eAircraft develops electric and hybrid-electric propulsion systems for the aerospace industry. At locations in Munich and Erlangen (Germany) and Budapest (Hungary), the unit has been cooperating with partners like Airbus to create prototypes for propulsion systems with power ratings ranging from less than one hundred to several thousand kilowatts – for instance for the Airbus air taxi, the CityAirbus. To further drive the technology, eAircraft entered a development partnership with Airbus in 2016. Siemens has been researching and developing electric aircraft propulsion systems for about ten years, setting several records along the way.

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Company News

Activists and Corporations Team up to End the Ocean Plastics Crisis

24 June 2019

From the SAP newsroom:

A diverse group of experts have created a supply chain collaborative that could solve one of the biggest sustainability challenges facing the planet: ocean plastics.

"I want my music to create an emotional response to the current state of our oceans," says [Garth Stevenson](#), a Canadian film composer who was part of the recent [Ocean Plastics Leadership Summit](#) in the North Atlantic Gyre. "The music should underscore the devastation and urgency while still offering the public and those working in the field a sense of hope for solutions that will lead to healthier oceans for future generations."

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Stevenson goes on to explain that as a musician, the most important skill is being able to listen deeply to other musicians you are creating with. If a musician is a virtuoso but can't listen to others, their growth and potential for new ideas will be greatly limited.

Last month, the Ocean Plastics Leadership Summit brought together a large group of exceptionally talented individuals, true virtuosos in their respective fields.

On Board at the Ocean Plastics Leadership Summit

On board were corporate representative from companies including HP, GE, Colgate-Palmolive, and three of the top five consumer packaged goods corporations in the world: Nestle (No. 1), Procter and Gamble (No. 2), and Coca-Cola (No. 4). Three of the largest packaging companies in the world, accounting for \$15 billion in annual sales, were also present: Berry Global, Sealed Air, and Novolex.

As John Hocevar, Ocean Campaign director at Greenpeace, noted, "The people on this boat represent companies that are responsible for a very large portion of the planet's plastic footprint, so we have the people here who can really solve the problem."

For Hocevar, the crux of this issue is whether companies and governments will recognize that we cannot recycle our way out of this problem and must get serious about source reduction. "We can't keep making trillions of items a year that we use once and throw away, out of material that essentially lasts forever," he says.

As these and other corporate representatives teamed up with scientists, visionaries, thought leaders, and nongovernmental organizations (NGOs) to design solutions during the four-day summit, it became clear that no one company or person can solve the problem. The solution requires partnerships and a collaborative effort where many different points of view are considered.

"What impressed me most about this group was how they listened to each other with the same depth as a master musician," says Stevenson.

That's why there is hope that the plastics levels in the ocean could return to the level before the 1990s in 10 years. Most of the plastic trash in the ocean comes from seven rivers in Asia, and it travels around the world collecting in five giant ocean gyres. Just a 20 percent per annum reduction in materials flowing into these rivers could do the trick.

One of the solutions is to provide people living along these rivers with the infrastructure to collect and sell plastic to be recycled and integrated into the supply chains of producers and manufactures. That could reduce the amount of plastic in the ocean by 80 percent.

All Players Present at the Supply Chain Collaborative

The Ocean Plastics Leadership Summit is a supply chain collaborative that was the brainchild of Dave Ford, CEO and founder of [SoulBuffalo](#), a new model for collaboration that brings together business leaders, visionaries, and innovators to find solutions to big sustainability challenges facing the planet.

"Partnerships were critical to bringing the project to life," says Ford. SAP and Dow Chemicals helped convene the expedition while media sponsors National Geographic and Outside Magazine; programing teams from Hatch, Ideo, the Meridian Institute, and Resilience in Action; the Government of Bermuda; and scientific institutions such as One Ocean and 5 Gyres all gathered around the table with the NGOs and corporate executives.

The idea of bringing an entire value chain together to solve a problem like ocean plastics came out of a conversation Ford had with Jim Sullivan, head of the Global Sustainability Innovation Accelerator at

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SAP, and Jeff Wooster, Global Sustainability director at Dow, as they felt it could accelerate change at scale bringing all the players to the table. When a ship called the Resolute became available, the mission was a go.

“My favorite book became Ryan Holiday’s *The Obstacle is the Way*,” says Ford, referring to the effort it took to pull this summit together. “We had 20 of the largest plastic purchasers and manufacturers in the world on the mission. We also had more than 50 Fortune 500 companies tell us no for a number of reasons.”

Some companies did not want to take the risk of being associated with a first-of-its-kind event. Others were shy of the media presence on board, and some were wary of activist NGO participation, including Greenpeace.

“While many companies said no when they found Greenpeace would be there, many others joined when they found out we had activist NGOs in attendance,” Ford explains. “We think their participation helped give the summit authenticity. To pull off a truly authentic event we needed to have all perspectives represented, from industry to conservation.”

The floating design lab at sea had a clear agenda. Day one was dedicated to surveying current realities across the plastic supply chain to understand the entire ecosystem. Day two was for setting targets through partnerships and new connections. Day three was for charting the course ahead with key actions and personal and professional pledges.

Participants worked in teams on key concepts, including a database to house cross-sector plastic data, eliminating non-essential single-use plastic, minimizing plastic packaging, zero waste for retailers, chemical recycling, small-format recycling, material cycle management, community recycling, and new markets for plastics.

All these engagements involved a lot of listening and many discussions.

Serious Resolutions Come out of the Summit

At the end of the summit, major commitments were made, including a few that could have an enormous impact:

- Some of the largest producers and sellers of plastic committed to using 50 percent recycled plastic in their products before or by 2030
- Major brands and NGOs formed a coalition to engage retailers in eliminating plastic waste in packaging
- A group of 20 brands, producers, recyclers, and NGOs – including the World Bank – will develop an economic policy to create incentives for using post-consumer versus virgin resins
- Waste picker organizations will form a global alliance

Dow Chemicals and SAP are also deeply committed. Dow Chemicals is already [leading a \\$1 billion global alliance](#) to end plastic waste in the environment, and SAP has also revealed a bold new vision to help eliminate ocean plastics pollution by 2030, following the creation of a “[Plastics Cloud](#),” first launched at the London Design Festival last year.

According to Stephen Jamieson, head of Sustainable Business Innovation for SAP in the EMEA North region, the issue in the emerging markets is the lack of waste management infrastructure and investment, which is linked to the dysfunctional supply and demand economics of secondary materials in emerging

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markets. Brands need recycled content, but they are not connected to the sources of supply nor are they set up to engage with the waste picker community in an ethical, compliant way.

Tools like the Plastics Cloud can help tackle these issues in several ways.

First, it can create a new marketplace for recycled plastics and connect big brands and waste picker communities in an ethical, consistent manner through [Ariba Network](#), leveraging its 3.8 million subscribers. Second, it can drive best practices in responsible production, emanating from Northern Europe to all parts of the world. Third, it can connect startups and investors and help them understand the market opportunity for scale out into the markets most needing infrastructure. And third, it can engage consumer preferences for sustainable products and help encourage demand for recycled content in products.

Acting on the Urgency of a House on Fire

Musicians, executives, artists, and bankers all have the same gut-wrenching reaction when they see the plastic problem up close.

Ovie Mughelli, former National Football League (NFL) champion, environmental spokesperson, and founder of the [Ovie Mughelli Foundation](#), puts it neatly in a nutshell: “I’m involved, because like everyone else who has kids, I want the best possible future for them.”

Plastic is so pervasive that if we as a society do not act collectively as if our house were on fire, our children will not know the wonders of a clean ocean and healthy, awe-inspiring marine life.

The leaders who gathered at the Ocean Plastics Leadership Summit on the Resolute to address this burning issue have committed to delivering immediate and measurable impact. They developed a shared action framework to coordinate efforts, minimize negative impacts, and identify new opportunities. And finally, they are bringing hope to a situation that is not only breaking our hearts but threatening our very existence and the future of the planet.

Experts like Ford and others on the boat fear we are running out of time to reverse the negative impacts of ocean plastics and climate change. But they also hope that the momentum and outcomes from the summit will prove that this type of can act as a catalyst for accelerated change.

Review the [full report from the Ocean Plastics Leadership Summit here](#).

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Altair Expands Presence in Adriatic & Balkan Region with New Reseller, Weiss Simulation

25 June 2019

[Altair](#) announced that they signed a new reseller agreement for the entire Balkan & Adriatic region with [Weiss Simulation d.o.o.](#) Based in Zagreb, Croatia, Weiss Simulation will take over sales responsibility for the entire Altair portfolio, including Altair HyperWorks™, Altair solidThinking™, Altair PBS Works™, and Altair SmartWorks™. Customers of Weiss Simulation include companies in Albania, Bosnia & Herzegovina, Croatia, North Macedonia, Slovenia, and Serbia.

“With Weiss Simulation joining our reseller community we gain a strong partner for the Adriatic and Balkan markets,” said Kimon Afsaridis, regional managing director Eastern Europe, Altair. “I am

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confident that, with Weiss Simulation on board, we will grow our markets in the entire region and will be able to give our joint existing and future customers direct access to our product portfolio and service offerings.”

“Weiss Simulation is a start-up company committed to promoting Altair’s full range of software solutions in product engineering and industrial design,” said Željko Weiss, general manager Weiss Simulation. “As an official Altair channel partner for the Balkan & Adriatic region, we are supporting our customers with solutions from thermal and electronic simulations, manufacturing to IC and PCB design. With a new team of dedicated professionals who are experienced in sales and technical support Weiss Simulation provides consulting, implementation, and education to our customers to fulfill their needs faster, better and in a cost-effective manner.”

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Altair Signs Reseller Agreement with NEC for PBS Professional™

17 June 2019

[Altair](#) has signed a global VAR agreement with multinational technology provider NEC Corporation to market and sell industry-leading HPC workload manager and job scheduler Altair PBS Professional™. As a result of the agreement, NEC has worldwide rights to bundle the PBS Professional solution with all NEC X86/Linux® systems.

This agreement opened the door to another opportunity for Altair and NEC to collaborate on the porting of PBS Professional to support their SX-Aurora TSUBASA Vector Engine Processor. NEC will contribute code to the PBS Professional open source project, and Altair will include this enhancement in future PBS Professional commercial releases. Used by thousands of companies worldwide, PBS Professional — part of the Altair PBS Works™ workload management suite — enables engineers in HPC environments to improve productivity, optimize resource utilization and efficiency, and simplify the process of cluster workload management.

"NEC has an accomplished history of providing 'connected' value to enterprises and their high-performance computing customers, both domestically and internationally. This partnership with Altair enables us to further expand our 'connected' value in HPC where one-stop connectivity can be provided from the edge to the cloud," said Akio Ikeda, deputy general manager of the AI Platform Division at NEC Corporation. "By combining Altair’s workload management technology and NEC's hardware solution, we are confident that we can contribute to the realization of customers' research needs quickly, easily and flexibly."

Altair knows HPC, and PBS Professional is built for high-performance computing. Features include million-core scalability, end-to-end resilience, a flexible plugin framework, and unparalleled security. With PBS Professional you get fast, powerful scheduling with power and topology awareness and GPU/co-processor/FPGA support, plus global customer support with local experts across 25 countries.

“We’re excited to deepen Altair’s relationship with NEC by bundling PBS Professional with NEC’s

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X86/Linux systems,” said Piush Patel, SVP for HPC, cloud, and data intelligence partnerships at Altair. “Now NEC customers will have leading-edge workload management and job scheduling tools built right into their HPC systems.”

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The Bay Area News Group Names Arena Solutions a Winner of the Bay Area Top Workplaces 2019 Award

25 June 2019

Arena Solutions has been awarded a Top Workplaces 2019 honor by The Bay Area News Group. The list is based solely on [employee feedback](#) gathered through a third-party survey administered by research partner [Energage](#), LLC, a leading provider of technology-based employee engagement tools. The anonymous survey measures several aspects of workplace culture, including alignment, execution, and connection, just to name a few.

“Top Workplaces is more than just recognition,” said [Doug Claffey](#), CEO of Energage. “Our research shows organizations that earn the award attract better talent, experience lower turnover, and are better equipped to deliver bottom-line results. Their leaders prioritize and carefully craft a healthy [workplace culture](#) that supports employee engagement.”

“We’re excited and honored to be named a Bay Area News Top Workplace for 2019 for the eighth consecutive year,” said Craig Livingston, CEO of Arena Solutions. “It’s a testament to the amazing culture that our employees have built at Arena.”

“Becoming a Top Workplace isn’t something organizations can buy,” Claffey said. “It’s an achievement organizations have worked for and a distinction that gives them a competitive advantage. It’s a big deal.”

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Hewlett Packard Enterprise releases 4th annual ESG report

24 June 2019

Hewlett Packard Enterprise (HPE) today released its annual [Living Progress Report](#) for 2018, demonstrating that leveraging technology to tackle our world’s major human and environmental challenges drives business value and can open new long-term economic opportunities.

“From protecting our environment to advancing human rights, it is imperative that we make progress for society by conducting our business in an ethical, sustainable, socially conscious way,” said HPE CEO Antonio Neri. “Technology and data are the key to solving our world’s biggest challenges. At HPE, we have dedicated ourselves to a clear, simple, and extremely important cause—developing and using technology to advance the way people live and work.”

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Highlights of the report include:

Helping customers achieve their sustainable business goals

HPE continues to meet and exceed its customers' business and sustainability goals by embedding efficiency, security, and reusability throughout the lifecycle of its products. In 2018, HPE launched its new Circular Economy Report, which helps IT organizations measure their contributions to corporate sustainability goals while returning value to their business when retiring end-of-use assets.

Other 2018 accomplishments include reducing customer energy use by as much as 60% using memory-driven computing, HPE's ProLiant Gen10 servers remaining the most secure and energy efficient on the market, achieving an 89% refurbishment rate on the 4 million IT assets returned to HPE's Technology Renewal Centers, and setting a new goal to reduce its operational emissions by 55% by 2025 compared to 2016 levels.

Generating revenue from sustainability-focused customer engagements

HPE has increasing evidence that its sustainability credentials contribute to its bottom line, attributing \$312 million in net FY2018 revenue to customer engagements focused on HPE's IT efficiency and sustainability credentials.

Investors are also taking note of environmental, social and governance (ESG) ratings due to risks associated with resource scarcity, fluctuating commodity prices, and increasing regulations. In 2018, HPE was the only company in its industry to receive MSCI's AAA ESG rating, and ranked second out of all global companies in its industry on the Dow Jones Sustainability Index.

Building the capabilities of the industry's shared supply base

HPE leads the industry with policies and programs that reduce its suppliers' environmental impacts and protect human rights through targeted capability-building. In 2018, 78% of HPE production suppliers, by spend, were engaged in HPE's supply chain management program, which enables suppliers to set and achieve aggressive science-based climate targets for their own operations.

HPE audits its supply base annually to ensure compliance with its industry-leading standards. In 2018, HPE raised the bar significantly for suppliers doing business with HPE through new stringent requirements in its social and environmental responsibility scorecard, which directly inform HPE purchasing decisions.

Enhancing HPE's Culture of Social Inclusion, Equality and Responsibility

In 2018, HPE continued to foster a people and values-driven company culture by investing in its employees, as well as the communities in which the company operates. Highlights include spending \$1.3 billion with small enterprises and minority-owned businesses, and distributing \$5.4 million to over 3,500 nonprofits worldwide. HPE also ranked third on the KnowTheChain benchmark of 40 ICT companies for efforts to address forced labor in the supply chain, and has one of the most diverse Board

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of Directors in the industry, with 62% of its directors identifying with a diverse group.

As a technology company with innovation at its core, HPE believes that technology and data will be key to addressing global challenges such as climate change, population growth, healthcare, food supply and security. In pursuing its mission of developing and using technology to advance the way people live and work, HPE's Living Progress Report offers proof that being a purpose-driven organization fosters the kind of high-performance company culture and innovation capable of imagining breakthroughs that defy convention to create meaningful change.

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Kalypso Achieves Oracle Partner Network Specialization for Oracle Supply Chain Management Cloud

24 June 2019

Kalypso, a professional services firm helping clients discover, create, make and sell better products with digital, and a Gold level member of Oracle PartnerNetwork (OPN), today announced it has achieved the [Oracle Supply Chain Management \(SCM\) Cloud](#) specialization within the Oracle PartnerNetwork (OPN) Cloud Program. A strategic partner since 2007, Kalypso has built a strong relationship with Oracle implementing cloud solutions including Oracle Customer Data Management (CDM), [Oracle Product Lifecycle Management \(PLM\) Cloud](#), including Product Hub and Innovation Management products, for marquee clients in the consumer goods, financial, retail, high technology, life sciences and industrial manufacturing industries.

“Oracle’s cloud-based, end-to-end, integrated SCM platform allows companies to deploy functionality incrementally, with minimal risk, lower cost and maximum flexibility, helping to drive business value faster in today’s digital world,” said Nigel Hallett, managing director of the Oracle practice at Kalypso. “We continue to invest in building our internal capabilities and delivery models, and are extremely proud of our Oracle PartnerNetwork Oracle SCM Cloud Select designation. We look forward to ongoing success with Oracle to help our joint clients accelerate the return on their Oracle Cloud Applications investments.”

To achieve OPN Specialized status, partners must meet a stringent set of product-specific competency and business requirements that are based on the needs and priorities of the customer and partner community. By achieving a Specialized distinction, Kalypso has been recognized by Oracle for its expertise in delivering services specifically around Oracle SCM Cloud through competency development, business results and proven success.

“Kalypso’s Oracle SCM Cloud specialization recognizes their investment and success in building supply chain capabilities and solutions that help our joint customers rapidly adopt cloud applications to drive digital transformation in their product value chains,” said Dan Scheib, vice president, North America Applications ERP & SCM Alliances at Oracle. “By achieving this designation in our OPN Cloud Program, Kalypso continues to demonstrate its commitment to building dedicated teams with proven competency that translates to more successful implementations and stronger business results for our customers. We congratulate Kalypso on this achievement and are looking forward to their future offerings enabled by Oracle SaaS, PaaS and IaaS technologies that will drive further competitive

advantages for customers.”

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NEC and Samsung Enhance Global Sales Structure for 5G Solutions

25 June 2019

[NEC Corporation](#) and Samsung Electronics Co., Ltd. today announced enhancements to their sales systems for accelerating the provision of 5G solutions to global markets.

In October 2018, the companies began collaborating to provide 5G solutions that combine IT solutions with leadership in 5G technology.

With these new enhancements, both companies will jointly establish a global sales system to strengthen their activities for proposing 5G solutions on a global scale.

Specifically, both companies will launch a joint marketing team. The team members are equipped with specialized skills, including sales and radio technology knowhow of NEC's global sales bases and Samsung's 5G commercial experience and technology leadership to strengthen sales of 5G products and related IT services to telecommunications carriers.

The team will first prepare joint proposals for 5G products for European and Asia Pacific markets, and will begin offering proposals to several operators within this year.

Both companies are also developing products jointly, and plan to begin shipping the products in Japan by the end of the fiscal year 2019.

In addition, the companies are studying the sharing of portfolios that leverage their strengths, and are working to jointly create services that utilize technologies such as AI and others, and to provide solutions that enable more efficient operations for communications services.

"Markets have increasingly high expectations for the creation of new services using 5G," said Atsuo Kawamura, Executive Vice President and President of the Network Services Business Unit at NEC Corporation. "NEC and Samsung are now working together to approach these advanced markets, and are confident that we can greatly enhance the capabilities that we offer to customers through the provision of optimal 5G solutions."

"Samsung takes pride of standing at the heart of next generation initiative, leading the industry for years with next generation technologies in bringing innovative solutions across markets of all size," said Paul Kyungwhoon Cheun, Executive Vice President and Head of Networks Business at Samsung Electronics. "By working closely with NEC, we aim to accelerate transformation of 5G world through our substantial commitments."

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PROLIM Corporation Celebrates Its 14th Anniversary

20 June 2019

PROLIM, one of the fastest growing IT, PLM and IOT Solutions Company, is celebrating its 14th anniversary. After having exponential growth in the US and India, the company has focused on expanding its wings across the globe.

PROLIM was founded on June 14, 2005 in Michigan, US. PROLIM helps small size customers to Fortune 1000 customers around the world. The company has developed unique proprietary processes, PLM solutions, and software integration tools that allow customers to develop innovative products and release faster to the market. The company's consulting services include IT, PLM and IOT solutions and consulting.

“As we celebrate 14 years of success, I would like to thank all our customers, partners and employees who have been a part of this momentous journey. My sincere thanks to Siemens who is our incredible customer, partner and guided us along our journey. We also have incredibly dedicated and trustworthy employees who are passionate about PROLIM's vision, values and commitment to our customers”, says Prabhu Patil, CEO of PROLIM.

PROLIM entered the US market in 2005 and since then has won numerous awards and received recognition from many local and international organizations and recently it is recognized as MSME Award for Best Excellence and many more. Some of the following awards include:

- 2018 Best Siemens Solution Partner PLM American Award
- ISO 9001-2015 Certification
- 2018 Best Business and Industry Award by Farmington Hills
- 2018 Best MSME Award for Best Excellence
- 2017 SBA Entrepreneurial Success of the year award
- 2016 Entrepreneur of the Year Award
- 2016 Corp Winner DiSciTech Awards
- Inc 500 Fastest Growing Private company in America

During the past 14 years, PROLIM has experienced year-to-year growth through differentiating its products and services from the competition. We have listened to our customers and delivered ground-breaking advancements in ensuring our products meet the requirements of the 21st century.

At PROLIM we take pride in the engineering excellence of our high-quality and high-performance products. All products are available for a trial period and professional services for proof of concept-free PLM analysis can be provided on request. Included in the new branding is a redesigned company website (www.prolim.com). PROLIM will also be executing several promotional and informational initiatives throughout this year in support of its 14th anniversary.

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PTC Named 2019 Technology Partner of the Year for Edge and IoT Solutions by Hewlett Packard

Enterprise

18 June 2019

PTC announced that Hewlett Packard Enterprise (HPE) has named PTC its “2019 Technology Partner of the Year for Edge and IoT Solutions.” PTC was recognized for its innovative solutions and delivery of meaningful business results for PTC-HPE joint customers. In 2018, PTC won “Momentum Partner of the Year for Intelligent Edge Solutions,” and this year’s recognition represents PTC’s ability to build on that achievement.

The HPE Partner of the Year Awards recognize organizations across HPE’s partner ecosystem that have demonstrated outstanding performance, raising the standard for business excellence and customer satisfaction. Since 2016, through the HPE Technology Partner Program, PTC and HPE have helped companies develop initial proofs of concepts that have led to expanded factory roll outs of standard edge and bespoke hybrid architectures, enabling improved efficiencies in performance, cost, and productivity.

“We are proud to be recognized for our success in meeting customer challenges with jointly delivered innovative solutions,” said Catherine Kniker, divisional vice president of strategic alliances, PTC. “We are excited to build on our efforts with HPE to help customers unlock value from the convergence of the physical and digital worlds.”

PTC and HPE’s initial alliance, which converged operational (OT) and information technologies (IT) through PTC’s [ThingWorx® industrial IoT innovation platform](#) and HPE’s Edgeline and Pointnext solutions, has continued to evolve, most recently with the addition of PTC’s [Kepware® industrial connectivity software](#) and [Vuforia® augmented reality products](#) to the companies’ joint offerings. Enterprises that leverage the full joint-offering suite may achieve: accelerated deployment through validated solutions that address IT and OT components in a secure fashion; shortened time-to-insight ratio where data is generated, thereby reducing cost and risk; and condensed market readiness timelines through rapid innovation and accelerated expansion.

“It’s an honor to award partners who have excelled in their collaboration with HPE, growing mutual business opportunities with collaborative solutions for our joint customers,” said Paul Hunter, senior vice president of worldwide partner sales, HPE. “HPE is committed to innovating new solutions and enabling mutual growth together with our partners.”

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Spectra Logic Wins “2019 Object Storage Vendor of the Year” Award

27 June 2019

[Spectra Logic](#) announced today that it has been named Storage Magazine’s “Object Storage Vendor of the Year” at its annual awards ceremony held in London this month. Recognizing outstanding companies, products and services in the global IT industry for 16 years, the coveted ‘Stories Awards’ honor organizations and people who exemplify excellence and drive advancements in multiple areas of the data storage industry. Winners are selected by open vote.

“We’re delighted to be recognized for excellence when it comes to our object storage offerings,” said David Feller, vice president of product management for Spectra Logic. “We believe this accolade validates what we hear from customers and the market in general as our BlackPearl object storage

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platform gains even more traction in the industry.”

[Spectra's BlackPearl®](#) is an object storage platform that enables data lifecycle management which eliminates the need for expensive legacy middleware. The Spectra BlackPearl Converged Storage System helps consolidate islands of storage, creating efficient workflows, while allowing data to be shared amongst multiple applications. BlackPearl incorporates feature-rich software within a purpose-built hardware platform that facilitates the management of data to multiple storage targets, including online disk, nearline disk, tape, remote sites and public cloud.

The Spectra BlackPearl platform also includes [BlackPearl Object Storage Disk](#), which delivers long-term disk-only storage for the price of tape. Powered by Spectra's BlackPearl Converged Storage System, BlackPearl Object Storage Disk provides organizations with enterprise-grade object-based disk storage that scales in capacity and performance with a very low total cost of ownership (TCO).

Earlier this year, Spectra announced that it had enhanced its popular BlackPearl platform with the addition of Spectra® RioBroker version 1.01. Spectra RioBroker acts as a data mover to speed file transfers, streamline workflows and scale out BlackPearl in both performance and capacity to accommodate growing amounts of digital assets. As a software front-end to Spectra's BlackPearl, Spectra RioBroker offloads the data transfer job from the application to the Spectra RioBroker system.

Through key partnerships and its [Developer Program](#), Spectra Logic continues to deliver modern storage solutions that help customers accelerate production and optimize digital content for the long term.

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Tech Mahindra Introduces K2, Artificially Intelligent Human Resource Humanoid

24 June 2019

Tech Mahindra Ltd. a leading provider of digital transformation, consulting and business re-engineering services today introduced K2, the first Human Resource (HR) Humanoid for its Noida Special Economic Zone Campus in Uttar Pradesh, India. A perfect blend of knowledge and kindness, K2 will take over the routine HR transactions to provide constant assistance to the HR team in creating an enhanced employee experience. Tech Mahindra's first HR humanoid was introduced in its Hyderabad campus, earlier this month.

K2 leverages state of the art Artificial Intelligence technology and initiates conversation without any need for wake-up commands. Keeping in mind the needs of the specially abled, K2 can respond to queries with text display along with Speech. K2 can address general and specific HR-related employee queries as well as handle personal requests for actions like providing payslip, tax forms etc., and will enable the HR team to focus on other important areas for employee development.

Harshvendra Soin, Chief People Officer, Tech Mahindra, said, “In today's digital era, the changing talent landscape is making it imperative for organisations to not just be customer focused, but more ‘human experience’ centric. At Tech Mahindra, we are focused on leveraging technology to further enhance human experiences by making them more personalised and meaningful. K2 has been designed to add value to the employee lifecycle across various touchpoints and ready ourselves to be a workplace of the future. We believe the future will be more human than we think.”

Tech Mahindra plans to deploy the next Humanoid in its Pune campus following the NSEZ campus and

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will further enable K2 software for an enhanced engagement with improved communication skills to carry out empathetic conversations from associate's wellness perspective. The organisation will also enable it to leverage mobility and spatial awareness to engage with Associates rather than just keeping it unidirectional.

Tech Mahindra has already implemented an Artificial Intelligence based Facial Recognition System to register the attendance of employees that has drastically reduced the time spent by an associate in updating the timesheet. Recently, Tech Mahindra also launched Talex – the world's first AI-driven marketplace of talent that maps skills of the existing talent pool.

As part of the TechMHRNxt charter, Tech Mahindra is betting big on next gen technologies like Artificial Intelligence, Machine Learning to address real time HR issues by delivering innovative solutions and services. The organization is continuously looking to develop and invest in futuristic tech enabled possibilities for the benefit of its employees, which would serve them throughout the employee life cycle and help build the workplace of the future.

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tentree Receives Apparel Magazine's Top Innovator Award

27 June 2019

tentree, the sustainable apparel brand based in Canada, has been selected as a 2019 Top Innovator by Apparel magazine following its nomination by Centric Software, tentree's Product Lifecycle Management (PLM) partner.

Since 2012, tentree has been building a new kind of environmentally-conscious apparel business from its headquarters in Saskatchewan, Canada. Guided by three principles – stewardship, transparency and community – tentree plants ten trees for every product sold and has planted over 30 million trees to date. tentree creates high-quality clothing that encourages people to venture outdoors and engage with their environment.

In Apparel magazine's 12th annual "Innovators" special issue, published in June 2019, tentree is recognized among 30 top apparel companies as one of the truly innovative organizations in the industry. 'Top Innovators' are selected because of exceptional IT-related implementations, product launches or other outstanding business strategies. tentree was nominated by Centric Software, tentree's strategic business and PLM partner.

Centric Software partnered with tentree in 2016 to put in place the technology foundation necessary to manage the growth they were experiencing and to be able to scale up in the future. Centric's innovative PLM solution for emerging brands, Centric SMB, streamlines operations for tentree from design to retail and enables them to achieve their real goal – to scale the business up in a sustainable way in order to be able to plant more trees. With Centric SMB as the foundation of product development, tentree creates new products at a faster rate, saves time and money and has full visibility into the product lifecycle.

Since implementing Centric SMB, tentree has centralized all product information with real-time data which can be shared across internal teams and with external suppliers, reducing errors, streamlining communications and boosting collaboration with trading partners. With the ability to track the impact of production processes and carbon offsets, tentree can effectively measure their sustainability progress. Since using Centric SMB, tentree has increased product categories by 33% and now retails products in

over 1,000 stores worldwide, an increase of 25%.

"We would like to congratulate tentree on being selected as a Top Innovator of 2019 by Apparel magazine," says Chris Groves, President and CEO of Centric Software. "We nominated tentree because of their tenacious dedication to innovation in support of sustainable practices in the apparel industry, which we are proud to empower with Centric SMB."

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Events News

Digital Transformation Gets Bigger, Better, Bolder at LiveWorx '19

20 June 2019

A record crowd gathered in Boston last week for the annual [LiveWorx®](#) digital transformation event, where attendees explored how digital transformation is becoming a reality for an ever-increasing number of manufacturing companies around the world.

The event brought together more than 6,400 of the industry's greatest minds from more than 40 countries (with approximately 7,000 more live-streaming the event) for four days of interactive workshops, facilitated industry networking, cutting-edge demos featuring the latest enterprise technology innovations, and more. It spanned disruptive technologies and topics including augmented reality (AR) and virtual reality (VR), the industrial internet of things (IIoT), Industry 4.0, digital engineering, artificial intelligence (AI), and robotics. This year's [Xtropolis™ exhibit hall](#) showcased some of the most advanced applications of digital transformation available for the industrial enterprise. The show's 200,000 square foot experiential center featured displays and tactical sessions from over 100 exhibitors who are revolutionizing their industries.

As presenting sponsor, PTC opened the event with a keynote from President and CEO Jim Heppelmann, who declared, "There is a growing awareness that disruptive innovation happens at the intersection of multiple advanced technologies, such as IoT, AR, AI, and Digital Twin. Powered by these complementary technologies, companies now have the tools they need to completely transform the way they generate value through improved efficiency and productivity across products, processes, and people."

Companies Across Industries Bring Digital Transformation to Life

Companies from across the industrial spectrum presented and demonstrated the unique ways various technologies are helping them to undergo digital transformations. Attendees heard from a wide variety of organizations, including Johnson & Johnson, Southwest Airlines, Stanley Black & Decker, Whirlpool, Vodafone, and more about how IIoT, AR, and other integrated solutions are helping them achieve significant business value. A panel featuring Aggrekko, Fujitsu, Global Foundries, and Howden pointed out 'top tips' for bringing digital technology such as AR to the enterprise.

Many of the 245+ sessions at the event highlighted how choosing key strategic partners can inspire digital transformation in the industrial sector. During one such session, Dr. Maria Wilson, global leader of data driven advantage at Howden said, "We realized very early on in our digital transformation

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journey that the most efficient and time-effective way to execute our vision was to develop a strong partners ecosystem.”

Consistent with that theme, PTC leveraged the LiveWorx stage to make several announcements around alliances, investments, and a strategic acquisition, including:

- **Microsoft Partner of the Year:** PTC was recognized as the [Microsoft Partner of the Year](#) in two categories: “Manufacturing and Resources” and “Mixed Reality”, as well as a finalist in the “Internet of Things (IoT)” category.
- **Technology Partner Investment:** PTC announced that it has invested in and partnered with [Matterport](#), a company that offers immersive 3D technology and spatial capture solutions. Together, Matterport and PTC will combine their expertise to focus on factories, plants and other industrial spaces – as well as the people who operate them.
- **New AR Acquisition:** PTC [announced](#) the acquisition of [TWNKLS](#), a Netherlands-based company that develops tailor-made AR applications, experiences and services to solve the specific challenges faced by enterprise companies.

More than 100 companies sponsored LiveWorx this year, including Pinnacle Sponsors [Rockwell Automation](#), [Accenture](#), [Deloitte Digital](#), and [Microsoft](#); and Premier Sponsors [Analog Devices](#), [ANSYS](#), [Capgemini](#), [Cognizant](#), [DXC.technology](#), [HCL](#), [Hewlett Packard Enterprise](#), [IFS](#), [Infosys](#), and [Kalypso](#). Hundreds more delivered compelling content in breakout sessions and on the Xtropolis floor via Ignite Talx.

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Dr. Andreas Vlahinos of Advanced Engineering Solutions to be an Invited Speaker at the ASSESS 2019 Congress

25 June 2019

[ASSESS Initiative](#), a broad reaching multi-industry initiative to facilitate a revolution of enablement that will vastly increase the availability and effectiveness of Engineering Simulation, is proud to announce that Dr. Andreas Vlahinos of Advanced Engineering Solutions is to be an Invited Speaker for the upcoming [ASSESS 2019 Congress](#), to be held at [Chateau Elan Winery & Resort](#), Oct 27^h -29th, 2019. Dr. Vlahinos’ keynote presentation’s title is “Are the Real Time Simulation and Lattice Structure Generation Tools a Game Changer?”

“The ASSESS Congress is an advanced simulation related event that is vendor neutral. Several visionary professionals get together to share perspectives, build community, and propose solutions to the challenges that our industry faces. I am delighted to share my experiences with real time simulation tools”, said Andreas Vlahinos, CTO of Advanced Engineering Solutions.

Dr. Andreas Vlahinos is a CTO of Advanced Engineering Solutions. Andreas has concentrated on rapid new product development. He has been instrumental in rapid product development through the implementation of Design For Six Sigma (DFSS) and Computer Aided Concurrent Engineering for several Government agencies such as NASA, NREL, SANDIA, DOE and US Army Aviation & Missile Command and industry partners such as IBM, Coors, Lockheed Martin, Alcoa, Allison Engine Comp., Solar Turbines, Ball, Futech, American Standard, Kohler, Varian, Stewart & Stevenson, Harris Corp.,

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GENERAL DYNAMICS, TDM, PTC, MDI, Ford Motor Company, Rockwell Collins, BIC, BAE, XEROX, United Launch Alliance, SpaceX, Woodward Inc., Gihner Shelter Systems, NAVISTAR Defense, Flyer Defense, Viper Inc., Lincoln Composites, Advanced Composite Products & Technology, Inc., TetraPak, TOYOTA, as well as several others.

He has been Professor of structural engineering at the University of Colorado teaching courses in Structural Mechanics and Computer Aided Structural Engineering. Several times he received the Professor of the Year Award, and he has published over 150 publications in areas of structural dynamics, design optimization and DFSS. He has received the R&D 100 award and several patents. He received his Ph.D. in Engineering Science and Mechanics from Georgia Institute of Technology. Finally, he is regularly invited as a keynote speaker on a variety of subjects (Generative Design, Innovation, DFSS, DfAM, IoT) in international conferences.

“We are very honored and excited to have Dr. Vlahinos present at our Congress,” says Joe Walsh, CEO & Co-Founder of the ASSESS Initiative. “Dr. Vlahinos is a world-renowned driving force for the advancement of Engineering Simulation methodologies and their application.”

[The ASSESS 2019 Congress](#) is the 4th annual congress for ASSESS organized to “enable” both strategies and relationships related to significantly increasing the use and benefit of Engineering Simulation. Key business drivers are forcing a “simulation revolution” to overcome the issue of required expertise which is limiting the expansion of Engineering Simulation usage. The theme of the ASSESS 2019 Congress is “Advancing the Engineering Simulation Revolution.”

[Registration for the ASSESS 2019 Congress](#) is by invitation only and is limited to 105 attendees. Registration will close either when all available seats are taken but no later than October 24, 2019.

The ASSESS Initiative was formed to bring together key players, both users and developers of simulation software, to guide and influence the software tool strategies for performing model-based analysis, simulation, and systems engineering with a vision “To significantly expand the use and benefit of software tools for model-based analysis, simulation, and systems engineering in the engineering applications domain.”

The [ASSESS Initiative Membership](#) program provides the ability for the ASSESS Initiative to expand its efforts and community benefits beyond the annual congress. The ASSESS Membership Program is appropriate for all organizations engaged in Analysis, Simulation, and Systems Engineering activities related to Engineered products & processes. The ASSESS Membership Program is offered in individual or group memberships. Active ASSESS Initiative Members receive access to [Members Only](#) content on the ASSESS website and a discount on the ASSESS Congress Registration Fees.

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Jim Hogan Leads “Are We Experiencing a Renaissance in Chip Design and EDA?” Panel Discussion During ES Design West

27 June 2019

WHO: Jim Hogan, Silicon Valley venture capitalist, software and executive managing partner of Vista Ventures, LLC.

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WHAT: Leads a panel discussion “[Are We Experiencing a Renaissance in Chip Design and EDA?](#)” with [Metrics](#)’ Joe Costello, chairman of the board, and President Doug Letcher; Adnan Hamid, chief executive officer (CEO) of [Breker Verification Systems](#); Simon Davidmann, [Imperas](#)’ president and CEO; Simon Butler, CEO of [Methodics](#); and Dr. Raik Brinkmann, [OneSpin Solutions](#)’ president and CEO.

WHEN: Tuesday, July 9, from 2:55 p.m. to 4 p.m.

WHERE: TechTALK Theater, South Hall, Moscone Center, San Francisco
Panelists will compare the early days of chip design tools with the current renaissance of chip design and electronic design automation (EDA) powered by three big macro trends — a new compute platform; demand for higher simulation throughput; and domain-specific processors and the cloud platform. They will attempt to define the new opportunity for the electronic system design ecosystem to support this.

The HOT Party

The Heart of Technology (HOT) fundraising party debuts at [ES Design West](#) and [SEMICON West](#) Tuesday, July 9. Sponsored by Jim Hogan, it will be held at the John Colins Lounge in San Francisco from 5:30 p.m. until 10 p.m. ES Design West and SEMICON West badge holders will be admitted with a suggested minimum tax-deductible \$20 donation. Other guests can attend for a tax-deductible donation of \$50.

This year’s beneficiary is the [SEMI Foundation](#) supporting Science, Technology, Engineering and Mathematics (STEM) education and career awareness in high technology. All proceeds from the event will be contributed to the SEMI Foundation.

Event co-sponsors are ESD Alliance, eSilicon, Burr & Forman, LLP, Sage Design Automation, Harvest Management Partners, LLC, Breker, Pulsic, OneSpin Solutions, Methodics, SEMI, Silvaco, Big Kahuna Productions and Mod Marketing.

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Implementation Investments

Aptos Expands Retail Technology Leadership in Asia-Pacific with Successful PLM Deployment at MCM Worldwide

26 June 2019

[Aptos, Inc.](#) is proud to announce its first PLM go-live in South Korea. [MCM Worldwide](#), the global luxury travel and accessories brand, has successfully implemented [Aptos PLM](#) in its design function across all markets.

Aptos PLM is providing MCM with a streamlined view of its collection life cycle and is generating benefits including increased automation and coordination, enhanced design and development processes with greater efficiency, as well as improved buying.

CIMdata PLM Industry Summary

MCM partnered with Aptos to drive operational efficiencies across the business to reduce product and material proliferation, enabling the brand to optimize the buying process of components and materials.

Following its successful implementation of Aptos PLM, MCM is also deploying [Aptos Merchandise Financial Planning \(MFP\)](#), which is now in the delivery phase. With the upcoming go-live of MFP, the company will benefit from more accurate collection targets while leveraging an integrated end-to-end interface for all users across PLM and Planning.

“MCM is ‘New School Luxury,’ and we are proud to work with such a global leader and their talented team,” said Noel Goggin, Aptos CEO and culture leader. “As Aptos continues to build its momentum throughout APAC, this successful project further confirms the value of our PLM solution for Tier 1 retailers, as well as our ability to drive process innovation and deliver on a truly global scale.”

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Belgian Telecom Provider Speeds Delivery of Customer Services with Oracle

25 June 2019

[Proximus](#), a leading international communications service provider, has chosen [Oracle Communications](#) virtualized [Oracle Session Border Controller](#) as a core network component to enable the delivery of its residential and enterprise communications cloud-based solutions for voice. As such, Proximus will be able to deploy its internet communications offerings faster, while decreasing operational expenses and increasing services flexibility.

Oracle’s virtualized SBC platform will be running on Proximus’ telco cloud and used for residential VoIP and SIP trunking for enterprise customers. This will enable them to deliver trusted and first-class, real-time communications services across the Internet. The virtualization of Oracle’s SBC is an important step in Proximus’s overall network strategy to virtualize the majority of its telco and service applications on a multitenant and open telco cloud. In addition, the automated and orchestrated core network will allow for adaptable capacity planning.

“As a digital service provider, we want to deliver the latest technologies to our customers in a way that simplifies and improves their lives and work environments,” said Laurent Claus, director service platforms & cloud, Proximus. “This is why our choice of Oracle was on target. Oracle Communications’ SBC delivers unparalleled operational efficiency and flexibility, which are essential as we continue to scale our offerings and customer base.”

“Given the scale and complexity of Proximus’ network needs, Oracle Communications is a strong fit,” said Greg Collins, founder & principal analyst, Exact Ventures. “As a tier-one communications service provider, Proximus requires the speed, trust and innovation that Oracle can deliver.”

“Promixus has been a long time customer of Oracle Communications and this deployment is an exciting next step in their digital transformation journey,” said [Doug Suriano](#), senior vice president and general manager, Oracle Communications. “Matching Promixus’ ambition to deliver innovative services in an easy-to-consume way, we are confident that Oracle’s virtualized Session Border Controller will provide them the security, comprehensive control and scalability needed to bring their customers into the next generation of communications services.”

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Essig PLM Selected by Whirley-DrinkWorks!

25 June 2019

Essig PLM announced that it successfully completed a product lifecycle management (PLM) implementation for Whirley-DrinkWorks!, a leader in developing and producing products for the food and beverage industry.

As an Aras Certified Partner, Essig PLM deployed the Aras Innovator PLM solution at Whirley-DrinkWorks! after effectively conducting a Discovery and Proof of Concept phase. In addition, Essig PLM's Connectors for PLM, which include in-depth CAD integrations with Aras Innovator, will facilitate the part, mold and tool CAD data management for all Whirley products.

“The driving factors for implementing Aras Innovator was its ability to handle our art and product management workflows along with Essig PLM's CAD Connector,” said Jeff Nelson, Sales Operations Manager at Whirley-DrinkWorks!. “The Proof of Concept demonstrated flexibility of the application to support our product development requirements.”

With this implementation, Whirley-DrinkWorks! will achieve the following benefits:

- Centralized management of product information including bill of materials and custom designs
- Workflow to automate processes such as New Product Development and Artwork Approval
- Enable global collaboration between sales, customers, product development and supply chain
- Ensure all departments worldwide have real-time, read-only access to latest design elements

“We were very impressed with Essig PLM's team from the communication to the engagement of the Aras project,” said Bob Bertch, VP of Engineering and Product Development at Whirley-DrinkWorks!. “The project was well-defined, on time, on budget and very well received at Whirley-DrinkWorks!.”

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European Space Agency awards contract to Siemens and Sonaca for development of design for additive manufacturing applications

24 June 2019

The European Space Agency (ESA) has selected Siemens Digital Industries Software to develop aerospace design applications for metal additive manufacturing. The applications will leverage Siemens' end-to-end software solution for industrial additive manufacturing that combines generative engineering, topology optimization, predictive analytics, process simulation, build preparation and production execution. The two-year long project, named Design4AM, is built on a strong collaboration between Siemens and Sonaca, a specialist in aerospace structures, with financial support from ESA and the Belgian Federal Science Policy Office (Belspo). The Design4AM project will result in a validated process for using Siemens' comprehensive additive manufacturing software to design and produce highly optimized, light-weighted structural parts for space applications, such as, among others, fittings (structurally bonded to CFRP panel), supports, and bipods for improved performance and cost.

CIMdata PLM Industry Summary

“The Siemens and Sonaca partnership combines the power of a leading additive manufacturing software solution with the expertise from a leading aerospace manufacturer,” said Pedro Romero Fernandez, Sonaca General Manager Space BU. “With our deep aerospace knowledge and Siemens’ software technologies such as generative design, automated topology optimization and additive manufacturing process simulation, engineers will be able to explore hundreds of design options in a fraction of the normal time, then virtually test them against a variety of physical conditions to arrive at the best design solution for their performance requirements that 3D print correctly the first time.”

Additive manufacturing (AM) is an important tool for the space industry because it can meet structural and multi-disciplinary requirements for space applications at a much lower weight than conventional space structures made through traditional manufacturing methods. Weight is a particularly critical concern for space applications; according to industry reports, one pound of payload equates to \$10,000 in launch costs. Additive manufacturing techniques can be used to lightweight nearly any kind of complex structure in launchers, propulsion, satellites and various spacecraft components.

Design4AM will leverage the Siemens Digital Innovation Platform with the support of Sonaca’s experience in space applications, manufacturing features, material and process, testing and numerical methods for the validation of the chain. Siemens’ NX™ software and Simcenter™ software enable engineers to explore a wide range of design concepts in an automated closed-loop process that takes into consideration engineering performance, manufacturing process and operation cost requirements. These tools can account for manufacturing constraints such as thermo-mechanical part distortion, the structural part orientation in the building chamber or the design of supporting structures. The integrated software environment can shorten the part conceptual design and optimization process, helping enable higher performance structures to be manufactured.

“Additive manufacturing can help ESA reshape everything for optimal performance at reduced cost, in comparison to traditional manufacturing methods that require multiple steps, tools, and treatments to achieve the desired outcome,” said Didier Granville, RTD projects Manager for Siemens in Liège. “Working with Sonaca, we will be able to help ESA take advantage of additive manufacturing to deliver high-performance structures capable of withstanding the extreme forces that occur during space satellite launches.”

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ExOne and Siemens Partner to Bring Industry 4.0 to Industrial 3D Printing

25 June 2019

The ExOne Company (“ExOne”), a global leader in industrial sand and metal 3D printers using binder jetting technology, announced a partnership with Siemens, the global technology powerhouse in automation and digitalization, that will benefit industrial customers in the foundry, aerospace, automotive, energy and other markets.

Siemens’ Digital Enterprise Portfolio of software and automation technology including MindSphere are fully implemented on the all-new S-Max Pro™ sand printer, that can achieve print speeds of up to 135 l/h (18 s/layer). The S-Max Pro™ is being launched at the 2019 GIFA International Foundry Trade Fair. Visitors are invited to experience the technology in Hall 15 at Stand A11 through June 29 at the Messe Düsseldorf in Germany.

CIMdata PLM Industry Summary

“With this expanded partnership, ExOne will deliver even more value to our foundry and manufacturing customers who rely on our industrial 3D printers,” said ExOne CEO John Hartner. “We are proud to be the first industrial 3D printer to fully integrate the latest of Siemens control, sensing and motion technologies and this new MindSphere technology, which will give our customers a new level of control and plant integration.”

Dr. Karsten Heuser, Vice President of Additive Manufacturing at Siemens Digital Industries said, “We are proud to further strengthen our partnership with ExOne and advance the industrialization of additive manufacturing. Siemens brings new digital technologies and its profound industrial domain know-how to help ExOne generate further value. The new ExOne S-Max Pro™ 3D printer proves that seamlessly integrated software and automation solutions result in shorter time-to-market, higher performance and maximum availability.”

Connected ExOne 3D Printing Systems

The Digital Enterprise portfolio from Siemens comprises integrated hardware, software and services supporting ExOne to leverage the benefits of Industry 4.0. In the center of this holistic approach stands the “Digital Twin” using a shared data model alongside the entire value chain: from the machine concept over machine simulation, engineering and commissioning to operations and services. Machine operators secure their investments with shorter lead times, increased machine performance and smarter service decisions.

The ExOne APP “3D Live” runs on MindSphere – the open cloud-based IoT operating system from Siemens – to analyze machine data and other relevant information in real-time, providing the basis for automated or timely decision-making, turning data into value. As an example, ExOne machine-senable the operator to identify anomalies for improving maintenance and repair activities so that unplanned downtime can be avoided.

“We look forward to working with Siemens to further our capabilities in delivering production solutions for industrial 3D printing. Together we will help our customers integrate our systems into new smart factories and integrate with those already deploying Siemens’s technology,” Hartner added.

About ExOne®

ExOne is a global provider of 3D printing machines and 3D printed and other products, materials and services to industrial customers. ExOne's business primarily consists of manufacturing and selling 3D printing machines and printing products to specification for its customers using its installed base of 3D printing machines. ExOne's machines serve direct and indirect applications. Direct printing produces a component; indirect printing makes a tool to produce a component. ExOne offers pre-production collaboration and print products for customers through its network of ExOne Adoption Centers (“EACs”). ExOne also supplies the associated materials, including consumables and replacement parts, and other services, including training and technical support that is necessary for purchasers of its 3D printing machines to print products. The Company believes that its ability to print in a variety of industrial materials, as well as its industry-leading volumetric output (as measured by build box size and printing speed) uniquely position ExOne to serve the needs of industrial customers.

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Infosys Announces Strategic Partnership with Toyota Material Handling Europe

24 June 2019

CIMdata PLM Industry Summary

[Infosys](#) today announced a long term strategic partnership with Toyota Material Handling Europe (TMHE). As IT services partner, Infosys will help TMHE in its digital transformation journey by facilitating transformation to a scalable digital hybrid cloud platform, providing application services, digital workplace, infrastructure management and a dedicated data center operation.

Infosys will help drive innovation and optimization agenda backed by Next Generation AI and automation solutions and deliver a future ready landscape for TMHE.

Jasmeet Singh, Executive Vice President and Global Head of Manufacturing, Infosys, said, “We are delighted to be working with TMHE in their digital transformation journey. By offering end-to-end services leveraging our deep expertise in executing complex programs, we will assist TMHE modernize its legacy applications, bolster agility and drive efficiencies. The establishment of a data center to focus on TMHE’s needs is an integral part of our commitment to find unique solutions and models to drive operational excellence for our clients.”

Johan Kroon, CIO, Toyota Material Handling Europe, said, “As a leading industrial technology company, we are committed to constantly innovating to accelerate our digital transformation and leveraging the potential of new technologies to enhance our competitiveness and cost optimization efforts. We are happy to partner with Infosys in this endeavour and look forward to scaling new heights together.”

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MSC Software Selects CADLM to deliver AI solutions for CAE globally

17 June 2019

[MSC Software Corporation \(MSC\)](#) announced an extension to its cooperation with CADLM into a strategic market development partnership for ODYSSEE, its innovative new state-of-the-art Machine Learning-based software package for real-time parametric design and optimisation. Paris-based CADLM has been a pioneer in implementing Artificial Intelligence (AI) technology in CAE, and MSC Software have selected CADLM solutions to add to its product portfolio, globally.

The ability to compile information from CAE simulations associated with mathematical models and data mining allows for very fast analysis of very complex and highly non-linear simulation responses such as crash, transient dynamic and structural analysis, and CFD, but also finance, biomechanics, and defense applications. CADLM develops predictive, real-time design optimisation models for CAE simulations based on Machine Learning techniques via the ODYSSEE suite of software.

ODYSSEE is a powerful platform, including various machine learning, data handling, signal treatment, image processing & recognition, data compression and fusion, as well as system sensitivity analysis complemented by optimisation and robustness indicators. The software is applicable to FE or CFD models and is solver independent, allowing for rapid deployment and coupling with most of MSC's CAE software, from very early design concept to optimisation and robustness analysis.

ODYSSEE provides an impressive set of tools empowering engineers and analysts who require quick feedback on complex engineering design and optimisation problems. It employs various techniques such as learning from data, forecasting, and optimisation of design parameters; all within an interactive and real-time environment.

CIMdata PLM Industry Summary

"The CADLM team was eager to pair the ODYSSEE product with an already established leader in the CAE market. We are confident that MSC's highly capable sales and support organisation, will help expedite the delivery of ODYSSEE technology to manufacturing companies that are ready to take the strategic step towards AI and Digital Twins," said Kambiz Kayvantash, CEO, CADLM, commenting on the partnership.

"We selected CADLM for its game-changing software platform ODYSSEE that allows for numerous machine-learning solutions whose exploitation is central to real-time CAE design exploration. Integration of CADLM's AI technology with MSC's CAE tools will enhance our mutual solutions and establish new perspectives, not only in CAE based structural designs, but also in digital solutions that create autonomous connected ecosystems as we move towards the convergence of the physical with the digital world, and intelligence is built-in to all processes," said Kais Bouchiba, MSC Sr. Vice President EMEA & Global A.I. / Machine Learning Strategist, who welcomes the extension of the partnership.

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Outdoor Clothing Brand Peak Performance to Scale New Heights with Centric PLM

25 June 2019

Peak Performance, the outdoor and sports fashion brand based in Sweden, has selected Centric Software's Product Lifecycle Management (PLM) solution.

Peak Performance was founded by a group of talented skiers in the mountain village of Åre, Sweden, in 1986. Initially just making skiwear for themselves and their friends, their technical and high-quality gear for outdoor adventures took off. Peak Performance is now a successful global brand that also makes clothing for other outdoor activities such as running, golf and hiking as well as casualwear for the urban environment.

Faced with data management and communication challenges that came with growth, Peak Performance decided to search for a PLM solution.

"We want to give our teams a more modern, simplified and collaborative way to work on assortments," explains Nikol Rakic, Sourcing and Production Director at Peak Performance. "With the right PLM solution in place, everyone can meet in the solution and make the right decisions at the right time, together."

Peak Performance found the solution they were searching for in Centric 8 PLM.

As Rakic says, "Centric PLM's user interface, technology readiness and apps felt further ahead compared to other players. We also knew that we would benefit from great project support from the Centric team once we got on board and started the work."

"Centric PLM is a crucial tool for us that will be a major contributor to our growth and international expansion strategy. It will help us significantly improve our time to market as we will be able to make more qualified and faster decisions."

"We are very happy to welcome our latest partner in the outdoor clothing industry and our 12th customer in the Nordics, Peak Performance," says Chris Groves, President and CEO of Centric Software. "Peak Performance is evolving rapidly into new markets, and we are looking forward to partnering with them on their strong digital foundation that will carry them into the future."

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Stein Mart Boosts Omni-Channel Growth with Oracle Cloud

24 June 2019

Stein Mart, a national specialty off-price retailer, has gained a holistic view of its inventory and a more streamlined approach to merchandise planning with [Oracle Cloud](#).

By consolidating the planning and forecasting process for its physical stores, online store and warehouses into one solution, Stein Mart will be better equipped to [manage its inventory](#) to support the needs of its customers, regardless of how they choose to shop. With Oracle Retail Cloud Services, Stein Mart has the tools to keep its merchandise assortments fresh and relevant for buyers.

“We have been focused on simplifying our merchandising processes while expanding our omni-channel capabilities and new business initiatives. The enhanced functionality of Oracle’s Merchandise Financial Planning solution will help us analyze data faster to create better plans up front so we can buy smarter and manage inventory more effectively,” said Nick Swetonic, Stein Mart’s senior vice president of planning and allocation.

“Today, retailers sell whatever they buy, often at the expense of the bottom line. Tomorrow, they will be able to more accurately predict placement, price, and sizes across every store and market. This is the promise of the Oracle Retail Cloud,” noted Mike Webster, senior vice president and general manager, Oracle Retail. “We are helping companies like Stein Mart refine their approach to inventory and purchasing, so they can continually delight customers while improving results with merchandise that turns quickly.”

Stein Mart partnered with [Cognira](#), experts in analytics, configuration and integration, and retail consulting firm The Parker Avery Group to re-engineer business processes and implement Oracle Retail Merchandise Financial Planning Cloud Service. Both Cognira and [Parker Avery](#) are members of the Oracle PartnerNetwork (OPN). Previously, Stein Mart also implemented Oracle Retail Merchandising, Oracle Retail Store Inventory Management, Oracle GoldenGate, Oracle JD Edwards, and Oracle Retail Point of Sale.

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Syufy Enterprises Selects Infor to Build More Successful Teams

24 June 2019

[Infor](#), a leading provider of industry-specific cloud applications, today announced that Syufy Enterprises, a leading entertainment and leisure company that owns a variety of businesses, including high-end athletic clubs and spas, restaurants, golf venues, shopping centers, public markets and drive-in theaters, has decided to deploy Infor Talent Science to build more successful teams. Specifically, Syufy will utilize Infor solutions at its VillaSport Athletic Club and Spa division, and will have access to tools to predictively link behavioral data to real business outcomes. This will allow hiring managers to find right-fit talent more easily across its five locations that currently employ over 1,700 employees.

CIMdata PLM Industry Summary

Infor Talent Science is a cloud-based application that helps drive better business performance through hiring, developing, and retaining the right people. After go-live, VillaSport will be better prepared to reduce turnover of its hourly employees, improve the quality of hires, and identify career paths for both applicants and existing employees. By elevating the hiring process with data science to find the right employee for the right position, the organization will be able to improve customer experiences while also driving more memberships throughout the club.

“Infor will be able to help our hiring managers maintain consistency throughout the hiring process at our clubs and will allow us to build more reliable hiring benchmarks, which will in turn help us better reach and support our customer base,” said Christi Damasco, senior vice president, Human Resources, Syufy Enterprises. “Infor’s modern technology platform will allow us to lean on data to make more-informed hiring decisions, build teams with lower attrition rate, and confidently staff the very best people to represent our growing brand.”

Infor will work with hiring teams at VillaSport to create a “top performer” profile for key positions. By leveraging behavioral and performance data of incumbent employees in those selected roles, Infor Talent Science will help the organization build a Custom Performance Profile, which blueprints the soft skills and characteristics that allow its best performers to consistently thrive in the role today. From there, Infor Talent Science technology can evaluate behavioral, cognitive, and cultural traits to find out the Behavioral DNA® of each applicant. The pre-employment assessment software will allow hiring teams to compare the characteristics of the candidate against the attributes of the strongest performers, which is built into a Performance Profile. Once established, the Performance Profile becomes the benchmark for defining best-fit characteristics for a given role, providing a consistent structure and a common language for evaluating applicants.

Once the candidate is hired, Infor Talent Science is also able to help deploy engaged talent through the creation of individualized employee behavioral data insights, personalized intelligent development plans, and the tools to benchmark, track, and measure performance and turnover.

“From the minute a new candidate submits an application, hiring managers are able to remove guesswork from the equation on whether or not they would be an ideal fit. They now have concrete predictive data that will allow them to quickly identify top talent,” said Oliver Yates, vice president, Talent Applications, Infor. “Infor Talent Science gives companies the power to consistently hire top performers, improve diversity, reduce the time to hire, reshape the business culture, and drive other key metrics.”

For more information, please visit <https://www.infor.com/products/talent-science>.

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Product News

Hewlett Packard Enterprise delivers innovations to drive the next wave of Intelligent Edge adoption

18 June 2019

Hewlett Packard Enterprise (HPE) today announced new edge solutions, research labs, and programs to simplify and accelerate Intelligent Edge adoption, enabling customers to create unique digital experiences and leverage analytics and machine learning to adapt to changes in real-time. The new

CIMdata PLM Industry Summary

offerings and programs include:

- Major enhancements to Aruba Central, the only cloud-based platform that unifies network management, AI-powered analytics, user-centric service assurance and security for wired, wireless and WAN at the edge.
- Integrations and new turnkey edge-to-cloud solutions, delivered with ABB, Microsoft and PTC, enabling real-time intelligence and control in industrial environments.
- The Intelligent Edge and IoT Center of Excellence (CoE) and Labs, part of Hewlett Packard Labs, to develop and commercialize new capabilities and technologies that accelerate customers' and partners' Intelligent Edge journey.

Research suggests that over the next decade, the Internet of Things (IoT) and related data growth has an economic potential of up to \$11 trillion per year.¹ To capture this potential, organizations need to implement an [Intelligent Edge](#), an architecture that is fully connected, secured, distributed and autonomous. However, to scale the Intelligent Edge across the value chain, organizations need solutions that secure and simplify deployment and management, converge operational technology (OT) with IT and address the lack of skills and funding.

“The edge has emerged as the new center of the digital universe, opening up opportunities for organizations to create new digital experiences and gain competitive advantage,” said Keerti Melkote, founder and president, Aruba, a Hewlett Packard Enterprise company. “Today, we announce innovations that will enable our customers to capitalize on these experiences and opportunities by dramatically simplifying, securing and accelerating the deployment of the Intelligent Edge.”

Unified cloud-based platform dramatically simplifies edge infrastructure security and management for the mobile, cloud and IoT era

Siloed network management solutions are creating complexity and increasing time to remediation. To accelerate IT operations and allow IT professionals time to focus on innovation, Aruba is making significant enhancements to Aruba Central. With these enhancements, customers will benefit from AI-powered network analytics, improved security and user-centric assurance for wired, wireless and WAN edge infrastructures from a single point of control. Significant advancements include:

Advanced AI-powered [analytics and assurance](#) capabilities based on Aruba [NetInsight](#) and [User Experience Insight](#) allow IT professionals to resolve infrastructure problems quickly before they impact the organization. Now integrated into the Aruba Central cloud-based platform, Aruba's Analytics and Assurance capabilities deliver IT professionals a way to quickly remediate intermittent network issues while also proactively identifying how to optimize customers' infrastructures to ensure optimal experiences.

Software-defined branch (SD-Branch) and SD-WAN, managed on Aruba Central, is now enhanced with improved branch management and orchestration capabilities to centrally define business-intent policies to meet the hybrid cloud connectivity needs for distributed enterprises and reduce operational costs. The new SD-WAN Orchestrator in Aruba Central makes it easier for IT professionals to deploy flexible and secure overlay topologies in a large-scale edge infrastructure, connecting thousands of branch locations with multiple data centers. Aruba Virtual Gateways now available for AWS and Azure, combined with

CIMdata PLM Industry Summary

orchestration, cost-effectively extends network and security policies to workloads running in the public cloud. The new SaaS prioritization feature not only enhances the performance of SaaS applications but also provides visibility about the end-user experience for business-critical applications, such as Microsoft Office 365 and Salesforce.

Integrated in Aruba Central, Aruba ClearPass Device Insight provides IoT visibility and security via a single pane of glass, employing automated device discovery, and machine learning-based fingerprinting and identification. Used in conjunction with Aruba ClearPass Policy Manager and Aruba's [dynamic segmentation](#) security capabilities, networking and security teams can automate unique policy enforcement down to each device and user.

New network management workflow enhancements are integrated into Aruba Central to accelerate device provisioning with an automated mobile app to deliver network health views and troubleshooting across all locations allowing IT to focus on delivering the needs of the business.

HPE GreenLake for Aruba gives organizations flexibility and choice in how they obtain and support their edge infrastructure

To provide organizations more flexibility and choice in how they obtain and support their edge infrastructure, Aruba solutions are also available via [HPE GreenLake for Aruba](#) a Network-as-a-Service (NaaS) subscription-based offering.

Turnkey edge-to-cloud solutions enable real-time intelligence at the industrial edge

In industrial environments, the Intelligent Edge requires an intricate interplay between sensors, actuators, networks, applications and infrastructures from edge to cloud. It also involves unique challenges including harsh environmental conditions, intermittent network connectivity and lack of qualified on-site staff. Consequently, such deployments are often costly, slow and vulnerable to security and reliability problems. To simplify, accelerate and secure deployments, HPE is launching pre-integrated turnkey edge-to-cloud solutions in collaboration with key industry partners:

The integration of ABB Ability™ Smart Sensor technology with Aruba access points is designed to deliver a scalable, high-performance wireless connectivity solution for operational technology (OT) equipment such as motors, mounted bearings and pumps. This allows industrial companies to capture valuable data and insights from their equipment to proactively monitor their condition and performance, and plan maintenance in advance in order to avoid costly and disruptive downtime.

Jointly developed by ABB, HPE, Microsoft and Rittal, the Secure Edge Data Center for Microsoft Azure Stack is the industry's first enterprise-grade edge appliance for [Microsoft Azure Stack](#), enabling real-time intelligence and action in harsh industrial environments, while providing seamless integration with Microsoft Azure. The appliance [provides IP55-rated environmental protection, cooling, redundant power supply and distribution and automated management](#) – allowing customers to run pre-configured, high-end enterprise applications in locations such as factories or oil rigs.

HPE Edgeline IoT Quick Connect dramatically simplifies the convergence of OT and IT, enabling

CIMdata PLM Industry Summary

customers to monitor and control OT equipment such as machines or motors in real time. Jointly delivered with Microsoft, HPE Edgeline IoT Quick Connect is based on the [HPE Edgeline OT Link Platform](#), which connects OT devices, the [HPE Edgeline EL300 Converged Edge System](#) and [Microsoft Azure IoT](#), a collection of cloud services to connect, monitor and control IoT assets.

Fast Start Condition Monitoring enables customers set up condition monitoring within 90 days to deliver performance and availability of their OT equipment. An end-to-end solution implemented by [HPE Pointnext Services, Fast Start Condition Monitoring](#) is designed for customers who want to get started quickly with condition monitoring, but lack the skills to do so. HPE Pointnext Services help define use cases, OT data sources and workflows, and implement pilots for proof of value, based on HPE Edgeline Converged Edge Systems, the HPE Edgeline OT Link Platform and PTC's [ThingWorx®](#) Industrial IoT platform.

Investing in partner ecosystem and future technologies to accelerate Intelligent Edge adoption

The newly established Intelligent Edge and IoT CoE & Lab provides critical capabilities and technologies to HPE's partners and customers to accelerate Intelligent Edge adoption. It will guide partner activities, M&A and research in the following areas:

Knowledge transfer to HPE's channel partners to accelerate market adoption of the Intelligent Edge with the Channel to Edge Institute (CEI), a program which helps HPE's channel partners gain the required expertise to effectively recommend, sell, implement and manage Intelligent Edge solutions for their customers. The CEI provides training on Intelligent Edge use cases and business cases and will deploy joint go-to-market programs with HPE's channel and ecosystem partners.

Research programs to drive rapid commercialization of Intelligent Edge technologies that simplify edge-to-cloud management and OT-IT convergence and enable new use cases– this includes, among others, a unified provisioning, policy and security management across wired networks, Wi-Fi and 5G; the next generation of HPE's first-of-a-kind HPE Edgeline Converged Edge Systems and HPE Edgeline OT Link Platform; and real-time video analytics for quality, security and customer experience applications.

Availability

Initial enhancements for Aruba Central 2.5 are available starting in July 2019

The integration of ABB Ability™ Smart Sensor technology with Aruba access points will be available end of 2019

The Secure Edge Data Center for Microsoft Azure Stack is now available with IEC certification and will be available with UL certification in August 2019

HPE Edgeline IoT Quick Connect will be available in July 2019

Fast Start Condition Monitoring will be available in France and Netherlands in July 2019 and will be generally available by end of 2019

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iasset.com releases "Lite" version for smaller resellers

26 June 2019

iasset.com announces the launch of iasset.com Lite, a simplified version of the platform aimed at smaller resellers and service providers.

iasset.com Lite helps value-added resellers and service providers improve their operational efficiency by automating and streamlining workflows and data management.

“We’ve found that VARs and SPs can lose up to 50 percent of their recurring revenue due to inadequate systems and processes, or simply chasing smaller renewals manually is not economically viable. Many smaller VARs and SPs also do not have the desire or expertise to deploy our full blown integrated platform,” says iasset.com CEO Scott Frew.

“iasset.com Lite is an easy way for entry level resellers to automate their entire product lifecycle business and alongside Solano cloud billing management, will take the pain out of their business and allow them to compete more effectively with their larger competitors.”

The iasset.com Lite platform helps automate renewals, licence management, product lifecycle management and certification tracking, along with their own movements within the IT industry.

The platform is now available worldwide, and is also available in more than 23 languages.

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Latest JAVELIN Helps When Things go Wrong

24 June 2019

What is said to be the most important update in JAVELIN 2020.0 is geared towards tracking, logging and actioning things that have gone wrong.

“This is for when a supplier sends sub-standard goods, or if a customer’s not happy with parts or products you’ve sent out,” says ERP Sales Manager Deon Price. The new Non-Conformance Report (NCR) addition supports users’ supplier, customer, and internal quality processes by recording and monitoring NCRs with multiple user-defined templates.

It links NCRs to supplier returns, customer returns, works orders, quarantine stock transactions, defects and scrap. “There’s also a general option available to create NCRs not related directly to specific parts, but for any other need to record a non-conformance.”

He says many companies already keep track of non-conformance information outside JAVELIN...in an Excel spreadsheet for example. “But being able to directly link the information to purchase orders, works orders and sales orders within JAVELIN means everything is secure, and the system produces full reports.”

A number of updates have been made to Advanced Scheduling. A new function can now consider the acknowledged date of a purchase order item, rather than the due date, and will delay the scheduling of operations until the material is received. “This allows supply to be delayed, but the schedule is more accurate, while maintaining the due date that MRP is showing.”

Other items of new and enhanced functionality to Advanced Scheduling include options to ignore

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Alternate Ops and Alternate WCs; an Unscheduled Operations Enquiry has been added, with filters, which can be printed and exported to Excel; and new metrics for the number of alternative ops, the number of ops scheduled on obsolete WCs, and the number of unscheduled ops. Also, new applicable warnings have been added to a number of items after a Scheduling run. And the Planning Board for Advanced Scheduling now retains the last settings on Number of Days in View and the Highlight option.

Using “Max Cycles for Configured Parts,” MRP can now be set to check for Configured Part demand, automatically approve, and repeat MRP to calculate and flush through any Configured demand. “Previously, when configured parts were in use, MRP needed to be run for each BOM level, and the approvals done at each level,” says Deon Price. “So this new functionality speeds up the process considerably.”

Supply v Demand enquiries now consider the Sales Order line. This is related to contract control, in that unique contracts are Sales Order line dependent, so this is now incorporated into the supply and demand enquiry.

An important new Sales function sees clarification of Sales Order item dates. The Promise Date is the date the customer expects to receive their goods, while the Sales Order Due Date will be calculated from the Promise Date minus the transport time. “This is the date that MRP uses to ensure the goods are available for despatch. The update makes this much clearer and presents the dates in a logical order.”

A new security feature now prevents accidental despatch against a Sales Order line with a zero value. Zero Price Sales Order items now default to To Be Arranged and are not available for Sales Issue. If the price is meant to be zero...for instance, a free sample...the TBA flag can be manually unchecked, allowing Sales Issue.

Stock Details are now recorded for Non-Trace parts, making it easier to report against stock, as the data is stored in one table. Deon Price says another important function is that Stores now have optional restrictions of Planned Issue, Sales Issue, Production Receipt, and Goods Receipt, preventing specific Stock Transactions, to enforce any Stock Usage Limitations, such as Prevent Planned Issue from Bulk Store, or Sales Issue from Quarantine Store.

Following customer requests, JAVELIN developers have created a new Country of Origin field on the Goods Receipt note, which defaults to the Supplier’s VAT country. “This provides more transparency by identifying where the purchase originated from.” The function can be over-ridden, if required.

Nest Material Issue within Shop Floor Data Capture now consolidates Supply, and amortises Demand by the required Contract strength. The Stock Transaction Log now records and displays the program used to perform the transaction.

Previously only available as a report, an Overdue Items Enquiry has been added, enabling data to be exported to Excl. Also, new filters have been added to Mass Stock Transfer, based on Row, Bin and Contract.

In JAVELIN’s Documents section, default attachments can now be added to each document type. Key use for this, is attaching terms and conditions to all Purchase Order emails. Customer focused documents can now have their own customer profile set against each copy. Updates to the Works Order Data Pack Print mean that Documents set against the Works Order or Works Order Part can now be printed. In earlier versions of JAVELIN, the data pack could only be defined on the Part.

Logon keystrokes can also be reduced, with Active Directory Logon now being supported, as JAVELIN

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can be activated automatically when the user logs on to Windows.

Other items of new and enhanced functionality include:

- WIP recording is now easier to use, and multiple lines can now be entered. Outwork WIP operations are now booked by a separate program
- Icons can now be dragged and dropped within a desktop tab, making the desktop more intuitive and easier to modify
- Settings of most Enquiries are now saved according to the user/machine, and open at that point when next accessed
- All email address fields now have an icon to create a new email
- Faster Configured Part Formula calculations
- Several optional ranges added to Set WO to Uncosted
- The Supplier On Time In Full report has the option to use the First Acknowledged Date
- Purchase Invoice Matching now requires that goods and VAT totals match individually, rather than as a total. This covers off rare instances where the total may match, but component values don't
- For customers using Standard Scheduling, the maximum number of weeks in the Daily Schedule has been increased from three to 99.



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New Course on openSAP Platform Guides Learners Through Ethical Artificial Intelligence

24 June 2019

SAP today said it will offer a new course on the openSAP platform that focuses on the ethical implications when developing and interacting with artificial intelligence (AI).

[Creating Trustworthy and Ethical Artificial Intelligence](#), offered June 25 through July 24, is geared toward all leaders, professionals, developers and general users of AI technology.

“The potential for AI and machine learning is great, and the technology has already had significant impact in automating tasks and efficiently analyzing data sets,” said Bernd Welz, chief knowledge officer, SAP. “As this technology continues to evolve and becomes further engrained in our society, it’s important that we take the necessary steps to ensure that its development and continued application are carried out in an ethical way. Through this course, we’re showing learners how they can keep ethics in the forefront when developing AI- and machine learning-enabled technologies.”

With [ethics guidelines for trustworthy AI](#) and insights from SAP and third-party experts, this course guides learners through the foundations of trustworthy AI. It also instructs learners on how to create and maintain [human-centric AI](#) following technical and nontechnical steps.

“The opportunities that AI presents us with are wide-ranging and can benefit all parts of society. If used in a proper and trustworthy way, AI could be a game changer toward independent living and societal participation for elderly persons and those with disabilities,” said Klaus Hoeckner, course instructor.

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Hoeckner is a board member of the Austrian Association Supporting the Blind and Visually Impaired and a member of the European Union High-Level Expert Group on Artificial Intelligence. “Let us not forget that we are speaking about 15 percent to 20 percent of the population worldwide.”

Other courses on high-demand topics, such as customer experience and process automation, will be available soon. They include:

- [SAP C/4HANA Business Processes: Lead-to-Cash](#) (July 2 – August 14, 2019): Participants learn about one of the four core processes in the intelligent enterprise suite – the lead-to-cash process – through a journey set up using the SAP C/4HANA suite and SAP S/4HANA.
- [SAP Intelligent Robotic Process Automation in a Nutshell](#) (September 17 – October 16, 2019): This course introduces robotic process automation (RPA) and the individual cloud and on-premise components of the SAP Intelligent RPA technology. It explains the business value of the technology and its key differentiators.

Since its launch in 2013, the openSAP platform has grown to serve [more than 820,000 unique learners who have reported a 98 percent satisfaction rate](#). SAP continually works to expand its selection of massive open online course (MOOC) offerings to answer the needs of the modern professional learner.

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New Oracle Autonomous Database Dedicated Deployment Eliminates Roadblocks to Moving Enterprise Databases to the Autonomous Cloud

26 June 2019

Driven by strong customer demand including more than 5,000 new Autonomous Database trials in Q4FY19 alone, Oracle has expanded its [Autonomous Database](#) capabilities to help meet the needs of enterprise customers who want to move their most mission-critical workloads to the cloud. Today, Oracle announced the availability of the Oracle Autonomous Database Dedicated service, which provides customers with the highest levels of security, reliability, and control for any class of database workload.

“Autonomous Database Dedicated enables customers to easily transform from manually-managed independent databases on premises, to a fully-autonomous and isolated private database cloud within the Oracle Public Cloud,” said Juan Loaiza, executive vice president, Mission-Critical Database Technologies, Oracle. “Our Autonomous Database Dedicated service eliminates the concerns enterprise customers previously had about security, isolation, and operational policies when moving to cloud.”

The Oracle Autonomous Database Dedicated service provides customers with a customizable private database cloud running on dedicated Exadata Infrastructure in the Oracle Cloud. It provides an ideal database as a service platform, enabling customers to run databases of any size, scale and criticality. This unique architecture delivers the highest degree of workload isolation, helping protect each database from both external threats and malicious internal users. The level of security and performance isolation can be easily tailored to the needs of each database. The Oracle Autonomous Database Dedicated service also features customizable operational policies, giving customers greater control over database provisioning, software updates, and availability.

The Oracle Autonomous Database Dedicated service is the latest offering within Oracle's Autonomous

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Database portfolio. Oracle Autonomous Database builds on 40 years of experience supporting the majority of the world's most demanding applications. The first of its kind, Oracle Autonomous Database uses ground breaking machine learning to provide self-driving, self-repairing, and self-securing capabilities that automate key management and security processes in database systems like patching, tuning and upgrading, all while keeping the critical infrastructure constantly running for a modern cloud experience. Running on Oracle Cloud Infrastructure, Oracle Autonomous Database delivers significantly lower costs than alternatives.

“In e-commerce, today's greatest challenge is meeting customer demands for order fulfillment. Speed is no longer a luxury—it is a requirement,” said Craig Wilensky, CEO, Jasci. “With Oracle Autonomous Database, we have seen our performance increase by as much as 75x. Combine that with the elasticity and security offered by Oracle Cloud, and the possibilities are endless. With this database, Jasci is actively reshaping a new status-quo for our industry.”

Low Code Meets Autonomous

Today, Oracle is also announcing availability of a rich set of built-in Autonomous Database developer capabilities, including [Oracle Application Express \(APEX\)](#), Oracle SQL Developer Web, and Oracle REST Data Services so developers can quickly develop and deploy new data-driven applications.

Oracle's industry-leading low-code application development platform, Oracle APEX, enables developers to quickly build scalable and secure enterprise apps with world-class features. Oracle APEX can be used to import spreadsheets and develop a single source of truth web application in minutes, create compelling reports and data visualizations, or build mission-critical data management applications. With Oracle APEX preinstalled and preconfigured in Oracle Autonomous Database, developers can start building applications within minutes.

Oracle also announced availability of Oracle SQL Developer Web, a web interface for working with the Oracle Autonomous Database, enabling developers to easily run queries, create tables, and generate schema diagrams. With native Oracle REST Data Services support, developers can now develop and deploy RESTful services for Oracle Autonomous Database, making it easy to develop modern REST interfaces for relational data.

Industry Analysts Validate Market Leadership

Multiple independent industry analyst reports recently recognized Oracle Autonomous Database for its innovative capabilities, such as continuous and autonomous optimization for any workload, including:

- In the June 2019 report: The [Forrester Wave Database-As-A-Service, Q2 2019](#), Oracle was named a leader and ranked highest in data security criterion and the strategy category. The report stated, “With an autonomous cloud database, Oracle not only automates general administration tasks, such as provisioning, backup, availability, and patching; it also automates the tuning of queries, indexing of tables, and upgrades.” The authors also noted, “Enterprise customers like Oracle's security, performance, automation, and pricing...”

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Oracle Ushers in New Era of Analytics

25 June 2019

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Today, Oracle unveiled a new, customer-centric vision for [Oracle Analytics](#) at the company's Analytics Summit. With Oracle's industry-leading data platform and business applications, Oracle Analytics is uniquely positioned to marry data, analytics and applications, and address the needs of business users, analysts and IT. Oracle Analytics empowers customers with industry-leading AI-powered self-service analytic capabilities for data preparation, visualization, enterprise reporting, augmented analysis, and natural language processing (NLP).

Key Highlights

- **One Offering: Oracle Analytics.** Simplified product offering and clarity of direction by rationalizing 18+ products down to a single brand.
- **Powered by the Autonomous Data Warehouse and Machine Learning:** Demonstrating the industry's leading application analytics built on the [Autonomous Data Warehouse](#) and powered by Oracle Analytics Cloud.
- **Enabling Broad Enterprise Adoption:** Affordable per user pricing for departmental business users plus per-CPU pricing for broad enterprise scale.

"We are committed to helping our customers get the most value from their data and to delivering the best analytics experience," said T.K. Anand, senior vice president, AI, Data Analytics and Cloud, Oracle. "Today, we are announcing a new vision, product experience, and commitment to customer success that will enable us to collaborate with our entire ecosystem and deliver a new era of enterprise analytics."

"Our clients are seeking next generation analytical solutions that are built with the enterprise in mind. Today, executives have access to more volumes of data than ever before, but what they really need are industrial strength platforms that can turn all that data into information to drive insights across their organization at different levels," said Richard Solari, managing director, Deloitte Consulting LLP, and global Oracle analytics and cognitive leader. "Deloitte is committed to creating value for organizations enabled by the Oracle Analytics Cloud. Together, we bridge the gap between data and information and help leaders reach impactful business decisions using Oracle's next generation analytics platforms and applications."

Oracle's analytic capabilities are available in the cloud via Oracle Analytics Cloud, on premises via Oracle Analytics Server, and within applications via Oracle Analytics for Oracle Cloud Applications. These solutions leverage Oracle's existing analytics capabilities and add new features, including augmented analytics and NLP, which are embedded throughout the platform. In addition, Oracle Analytics now offers an integrated user experience across self-service data discovery and reporting and dashboards, delivering effortless access to insights that can be consumed in the cloud, on the desktop, and mobile.

Oracle Analytics Cloud

Built first for the cloud, Oracle Analytics Cloud is the centerpiece of Oracle Analytics. Oracle Analytics Cloud empowers business users with governed self-service analytic capabilities for data preparation, visualization, augmented analysis, and natural language processing. Oracle Analytics Cloud's governed self-service experience enables Oracle Analytics users at enterprises around the world to drive faster insights and optimize business results.

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“We love analytics, we love BI, and we love the fact that Oracle is putting all of this R&D into the cloud, and we want to benefit from that,” said Bill Roy, senior director, EPM and BI, Western Digital. “We see the cloud as enabling our internal customers to develop their own content and to be self-serving. That’s really where we see the benefit of using Oracle Analytics Cloud.”

“In business today, disruption is constant, causing organizations an array of unprecedented challenges. To succeed and potentially excel in this environment, leaders must exploit data to unlock valuable insights and drive better decisions”, said Todd Randolph, principal, Technology Enablement Practice, KPMG and US Oracle Analytics Leader. “With these new, simplified and powerful Oracle analytics offerings, we believe our clients will continue to adopt our Oracle Analytics Cloud-enabled solutions to support sustainable change through performance insights to create lasting value.”

Oracle Analytics Server

Oracle Analytics Server will comprise all of Oracle’s on-premises BI offerings, delivering competitive value to thousands of existing customers, as well as enabling customers in highly regulated industries or with multi-cloud architectures to experience the latest analytic capabilities on their own terms while ensuring an easy path to the cloud.

“We needed a solution. We went out to the marketplace and the best solution was chosen,” said John Cronin, group CIO, An Post. “Oracle Analytics for An Post has made a huge impact not only for ourselves and our ease of access to information but for our common customers as well. The future is all about analytics, artificial intelligence around analytics, and advanced analytics.”

“Our clients across all industries have realized the importance of data and analytics for decades. What is different now is their expectations on how analytics will be a key enabler to guide their business strategies. With advancements in technical capabilities such as artificial intelligence, machine learning, big data platforms and visualizations, our clients are demanding more out of their analytics investments,” said Hema Kadali, partner, Data and Analytics Leader, PwC. “Leveraging Oracle Analytics, we are helping our clients execute on industry-specific use cases that allow them to innovate, automate and transform their business operations with actionable insights that drive real business outcomes.”

Oracle Analytics for Oracle Cloud Applications

Oracle Analytics for Oracle Cloud Applications will be built on Oracle Analytics Cloud and powered by Oracle Autonomous Data Warehouse, bringing personalized application analytics, benchmarks and machine learning-powered predictive insights to business users, functions and processes.

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Rittal partners with Atos and Siemens to develop Intelligent Edge Data Center

24 June 2019

Rittal announced a global strategic partnership with Atos and Siemens to develop intelligent edge datacenter solutions for smart industries, smart cities, smart retail, energy & utilities, and public sectors.

The ‘Intelligent Edge Data Center’ (IEDC) is a configurable datacenter solution that enables companies to process IoT data in real-time using solutions such as MindSphere, the cloud-based, open IoT

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operating system from Siemens, the BullSequana Edge computing server and the BullSequana S server from Atos, Atos Codex Cloud Industrial Supervision (CIS) and thus optimize their entire value chain with a data analytics solution.

The OT Infrastructure is developed by Rittal and is designed as an edge datacenter. From the IT perspective, Atos and Siemens' software applications for IoT and Edge solutions will serve for data collection, computation and data analytics.

The IEDC is available in different performance classes, from a wall box or a single IT rack up to a turnkey-ready and scalable datacenter container.

The IEDC is designed for companies that have already started the digital transformation and need to process large amounts of real-time data in smart production environments or other areas. Further application examples can be found in industries ranging from smart retail to smart healthcare but also in smart cities or in the expansion of 5G mobile networks in which the IEDC can carry out data processing directly at the mobile base station.

The IEDC is a secure, standardized, industrialized solution. It can run autonomously in non-datacenter environments and there is no need for a white room nor for local IT teams to operate it. The solution comes with Siemens' MindSphere readiness (an IoT operating system by Siemens) to benefit from IoT dedicated applications both in the cloud or on-premise. It supports the MindSphere architecture running in a cloud-based or an on-premise implementation.

The IEDC embeds the BullSequana Edge server for computer vision and IoT datalake from Atos, Atos Codex CIS software which forms the IoT backbone, but it enables also to inter-connect several other sensors within a single IEDC. The IEDC could be inter-connected to establish a swarm as a meshed edge datacenter network. This enables the progressive deployment of business applications and solutions. The relevant data of each node of the network is available on top-level dashboards used for insight by monitoring, controlling and optimization using analytics.

The following list shows which components are supplied by the individual partners:

- Atos: IT infrastructure such as BullSequana Edge, BullSequana S, Atos Codex CIS, MindSphere (Apps), Atos Business Applications & Services, Predictive Maintenance, 3rd-party AI applications and overall supervision.
- Rittal: OT Infrastructure such as edge datacenter, power, cooling, basic monitoring and safety and housing.
- Siemens: Technical infrastructure such as advanced monitoring and safety, power protection, security and IT-infrastructure like building management system and MindSphere (platform & apps).

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Suuchi Introduces SuuchiX, a First-of-Kind Digital White Label Catalog for Fashion Industry

26 June 2019

Suuchi Inc. announced the launch of SuuchiX, a first-of-its-kind digital solution offering brands white-label, market-ready products for wholesale purchase. Suuchi Inc. is a next-generation supply chain platform for fashion brands and retailers. Using its product lifecycle management (PLM) application, SaaS-based Suuchi GRID, and its network of curated U.S. freelancers, factories and mills, the company connects American fashion brands with real-time access to their supply chains end-to-end, including updates and analytics on sourcing, design, production and drop shipping.

“In today’s digitized retail supply chain environment, speed to market is everything,” says Suuchi Ramesh, founder and CEO, Suuchi. “But fashion design and manufacturing to distribution has typically taken weeks or months to get right. We’re changing that norm by offering ready-made fashion designs and home goods that allow any brand to respond to customer demand in real-time.”

SuuchiX greatly expands the company’s suite of next-generation manufacturing solutions, which shrink the time from concept to consumer while also cutting costs and waste of excess inventory. Suuchi’s core platform, the Suuchi GRID, is a modern, intuitive SaaS-based application, powered by a curated network of 200+ freelancers, materials suppliers and U.S.-based factories with a current available capacity of more than 12M units. Today, more than 200 fashion businesses, from large brands, to mid-tier and emerging brands are streamlining their supply chain workflows and production on the platform.

“Our goal with both Suuchi’s core platform and now SuuchiX, is to provide the speed, transparency and flexibility to respond quickly to changing trends and fluctuating retail demand. With SuuchiX, whether you’re just starting out or established, you can get high quality, quick-to-market, ready-made fashion with your brand logo attached and start selling to your customers right away.”

Leveraging data from the Suuchi GRID, SuuchiX identifies trending products to offer in the catalog. Customers can choose among top styles and with a few clicks secure product for upcoming launches without the hassle or added lead times of custom development. With the Suuchi GRID they can track its status at any given time.

The SuuchiX launch comes amid a fast growth trajectory for the company, which recently announced [\\$8M in growth equity funding](#) from investment firm Edison Partners and opened new offices in Carlstadt, NJ. Suuchi Inc. is on pace to add 130 new jobs in New Jersey this year. Recent executive leadership hires include: Brian Reavell, VP of Sales, Thomas Bardinas, VP of Technology, Andrew McKenna, VP of Product, Federico Vecchiarelli, VP of People.

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TCS' Jile Recognized in Report for Enterprise Agile Planning Tools

25 June 2019

[Tata Consultancy Services \(TCS\)](#) announced that [Jile™](#), its new Agile DevOps platform on the cloud, has made its debut in a leading report which focuses on enterprise agile planning tools.

"In a Business 4.0™ world, enterprises worldwide are adopting Agile and DevOps to develop and manage large IT systems, accelerate innovation, and gain business agility. With Jile, IT teams can now deliver large-scale transformational programs involving multiple, geographically distributed teams with

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unmatched speed to market," said Vijayalakshmi Gopal, Business Head – Jile, TCS. "We believe this independent, third-party recognition is a validation of our product vision, strategy, and ability to execute."

TCS was one of seven new vendors added this year that evaluated 17 vendors.

Jile is a comprehensive platform that transforms software application development and delivery in enterprises, and drives the Agile culture and mindshare across the business. It applies Agile methods to large-scale, multi-site program execution, which require scalable Agile approaches, empowering companies in their digital transformation journeys to become Business 4.0 enterprises. The product enables an enterprise to envision their IT initiatives in alignment to their core business objectives and subsequently equip project teams with the right set of tools, processes and controls to deliver value to their stakeholders continuously.

Jile helps multiple teams of teams plan and deliver large products. Distributed agile teams can manage synchronized, incremental delivery of large systems involving complex sub-products, across different technology stacks, each with its own product vision, roadmap, and release cycle. This way, Jile helps organizations that develop and manage large IT systems embrace Agile and DevOps at scale for their innovation, and gain business agility.

"Jile is more than just an enterprise Agile tool. It is a unique combination of a scalable, Agile planning tool and a DevOps tools integration hub in a single platform that provides visibility into the entire software delivery pipeline," added Vijayalakshmi Gopal.

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Variantum launches a new 3-year development program: VariSuite 4.0

24 June 2019

Variantum is a Finnish software company that specializes in offering management. Offering management is reimagining what and how a company can sell, produce and provide products or services. It is the management of the full product lifecycle of an offering. An offering is a product, service or software that is offered for sales.

Because of digital disruption, changes in buying behaviors and possible new competition in the market, every company must rethink its offerings.

Variantum offers world-class solutions for customer offerings. With Variantum's solutions companies can empower their people and reimagine their offerings.

The key benefits of offering management are increased sales, improved sales conversion system, hiring key people faster as well as product development cycle speeded up.

How industries have been revolutionized and how offering management fall into place?

Today, subscription models are the new method across industries. Indeed, in the automobile industry, car manufactures are evaluating the subscription model to compete with car-sharing and ride-sharing companies. Another example in the retail industry: advantage has been taken over the opportunity on how to engage with customers by offering specific selections or clothing rentals.

Variantum launches VariSuite 4.0 which will reduce product development cost, enable a faster

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scalability and new versions, improve revenue, increase profit, increase operational efficiency and create an ecosystem where collaboration is possible.

VariSuite is, in fact, the tool that combines product configuration, sales configuration and maintenance tool, which enables to manage companies' offerings.

VariSuite 4.0 will be launched in incremental releases between November 2019 and June 2022. The release strategy is based on Minimum Viable Product which is a product with just enough features to satisfy early customers, and to provide feedback for future product development.

Variantum is organizing a RoadMap Day in August in Espoo, Finland to collect customer's feedback, insights and comments.

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