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CIMdata News

CIMdata Referenced in Beyond PLM Post, “Cloud PLM and Off-Price Department Store Locations”

4 May 2017

“In the past department stores were built around the idea that consumers will come to the store for inspiration and product discovery. Good old days are in the past now. These days, consumers are getting inspirations online and then coming to department store for products they want to buy. It leaves department store to compete on price only, which is an ugly experience. As a result, one of trends in department store business is [to open off-price locations](#).

You can ask me how is that related to PLM? Here is the thing...PLM industry passed the first phase of cloud development. Which means cloud is an option. And PLM vendors are trying to discover how to maintain existing PLM business and combine it together with off-site (cloud) selling options for customers interested to embark into cloud journey. My attention was caught by the CIMdata article interview – [Siemens PLM Software’s Cloud Strategy: An interview with Stephen Bashada](#)”...

To read the rest of the post, please [click here](#).

Mark Meili, Director of Modeling & Simulation at Procter & Gamble, to Keynote at CIMdata’s Product & Manufacturing Innovation Workshop

2 May 2017

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that Mr. Mark Meili, Director of Modeling and Simulation at Procter & Gamble, will make a keynote presentation at the upcoming Product & Manufacturing Innovation Driven by Digital Design & Simulation Workshop. The workshop will take place at the UI LABS Innovation Center, home to DMDII, in Chicago, Illinois, on June 6 and 7.

In-silico is a term that describes science done on a computer as opposed to the more traditional in-vivo or physically-based experimentation. Innovation is being, and will increasingly be, driven by a combination of simulation and data analytics. The quality and quantity of engineering and science that can already be done using simulation is simply amazing. The scope, however, is not well understood by many technical leaders, much less their business partners. As systems continue to increase in

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complexity, physical prototypes of the entire systems are too expensive and time consuming to use for most technical learning. Purposeful interventions in systems understanding and simulation are needed. In his keynote address, “Simulation Led Innovation – The promise, the pitfalls, and business imperative for ever better products and business execution,” Mr. Meili will talk about the technical skills and capabilities required to change the way we work. He will also discuss the need for this way of working to be a stated business strategy in order to be successful.

CIMdata’s Product & Manufacturing Innovation Driven by Digital Design & Simulation Workshop, is the must-attend event for industrial organizations and solution providers interested in learning more about model-driven engineering strategies and the solutions that will enable on-going product and manufacturing innovation to create competitive advantage, minimize total lifecycle costs, and drive top-line revenue growth. It will provide attendees with independent experiences from industrial companies and a collaborative networking environment where ideas, trends, experiences, and critical relationships germinate and take root.

CIMdata’s thought-leadership team of Don Tolle, Dr. Keith Meintjes, Dr. Ken Versprille, Dr. Suna Polat, and Frank Popielas, will be on hand in Chicago to facilitate the workshop and associated discussions.

For more information visit <http://www.cimdata.com/en/education/knowledge-council-workshops/joint-kc-workshop-2017>

About Mark Meili

Mark A. Meili is Director of Modeling and Simulation for Procter & Gamble in Cincinnati, Ohio. Over his career he has held a variety of technical and management positions in both R&D and Product Supply Engineering. His current role spans technical work processes from research to commercialization to supply chain operation. Mark has been both a practitioner and champion of first principles, understanding the need to reduce risk and enable robust technical decision-making throughout his 30-year career. Mark received bachelor of science degrees from Kansas State University, one in Mechanical Engineering and one in Grain Science.

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, 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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More on the Cloud: The CPG End User Perspective

5 May 2017

CIMdata's Vice President of Research, Stan Przybylinski, recently sat down with an executive from a North America-based CPG company to learn more about the impact of Cloud on the CPG industry. Among the topics on the table for discussion were:

- What are some of the key product development/innovation issues faced by your company?
- Do you have any programs/initiatives in place to address these issues? E.g., digitalization.
- What is the role of cloud in your current enterprise software landscape? Do you use other cloud-based solutions (ERP, CRM, SCM)?
- What challenges do you face in selling cloud-based PLM internally?
- What challenges/issues do you face? Concerns like security, bandwidth, data lock in, managing hybrid environments; possibly migration?
- What benefits/positive aspects of cloud-based PLM do you expect?
- What is your general timeline for deployment?

Learn the answers to these questions and more in the full blog post available at:

<http://www.cimdata.com/en/resources/cimdata-blog/item/8085-more-on-the-cloud-the-cpg-end-user-perspective>

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Acquisitions

123RF Acquires Autodesk Pixlr to Boost the World's Creative Ecosystem

24 April 2017

123RF has acquired Pixlr, one of the world's most widely used cloud and mobile photo editors from Autodesk, Inc. Terms of the transaction were not disclosed. With the addition of this powerful and free image editing tool, Inmage Group, the parent company of 123RF, moves a step closer to its mission of creating a holistic creative ecosystem that makes great design accessible to all.

This acquisition propels Inmage Group's unique monthly active users (MAUs) towards the 50 million mark in addition to a compelling mobile strategy with over 100 million installs of Pixlr mobile apps, thereby creating a new vertically-integrated platform that delivers engaging user experiences to the creative community.

Founded in 2008, Pixlr offers a suite of cloud-based image tools and utilities such as photo editing tool Pixlr Editor, Pixlr Express, Pixlr iOS/Android App and Pixlr-O-Matic. Since acquiring Pixlr in 2011, Autodesk has invested to expand the portfolio and bring powerful editing tools to millions of users around the world and in the process, grew the user base twenty-fold. 1

23RF's in-house production team of over 200 will begin working to expand the Pixlr content library as a

value add to its users, ensuring Pixlr communities will continue to have access to new tools and content. "As part of our ongoing business model transition, Autodesk has decided to focus development resources on our core product portfolio, so we were pleased to find in 123RF a partner who is committed to supporting the Pixlr community and investing in ongoing enhancements to the product," said Thomas Heermann, Autodesk senior director, digital arts. "Autodesk remains committed to providing tools and services that can help anybody make anything, and we will work with 123RF to ensure that the Autodesk and Pixlr user communities continue to have access to the broadest set of design tools."

Andy Sitt, founder and chairman of Inmage Group and 123RF added, "It's a game-changing collaboration that empowers creatives with seamless access to free and affordable content within their favorite free image editing tools. Through this transaction, both 123RF and Autodesk aim to develop and enhance Pixlr to inspire more users worldwide."

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Company News

Bitfusion Announces Funding and New Software Platform to Accelerate AI Initiatives

2 May 2017

[Bitfusion](#) today announced a \$5M Series A funding round led by [Vanedge Capital](#), with participation from new investor [Sierra Ventures](#) and existing investors [Data Collective](#), [Resonant VC](#), [Emergent Ventures](#), [INSEAD Angels](#) and [Geekdom](#). The company also announced the beta availability of [Bitfusion Flex](#), a software product that removes the complexity of clustering, sharing and scaling deep learning infrastructure, making the delivery of artificial intelligence (AI) applications faster and more economical.

Bitfusion Flex significantly reduces the time and expense associated with AI projects by accelerating development times and cutting infrastructure costs. The infrastructure management software allows AI developers to streamline the development and deployment of deep learning applications by dynamically scaling and sharing on-demand compute power.

Bitfusion Flex, powered by the company's core virtualization engine, optimizes deep learning workflows throughout the AI application lifecycle including development, training, and inference. It can be deployed into any data center or cloud and dramatically enhances the use of GPUs, FPGAs and other AI compute resources across all major deep learning frameworks.

Bitfusion's core virtualization technology provides a transparent software layer that combines multiple systems into a single elastic compute cluster that supports the sharing and scaling of compute resources. It works out of the box with pre-existing applications and is compatible with bare metal, containerized, and virtualized environments. Bitfusion Flex provides the end-to-end management framework for developers to easily leverage the core virtualization engine across AI applications and environments.

"The promise of AI and deep learning is immense, but in practice, leveraging GPUs, FPGAs and other compute architectures for performance presents huge challenges for AI developers," said Subbu Rama, co-founder and CEO of Bitfusion. "By providing an end-to-end solution focused on the unique needs around AI development and deployment, we are enabling companies to leverage these efficient architectures with very little effort. This massively accelerates time to business value for AI initiatives."

Bitfusion's successful Series A financing demonstrates strong industry support and shows the

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importance of the growing market for AI infrastructure solutions.

“The data center is moving to a heterogeneous computing model where CPUs are augmented by specialized co-processors such as GPUs, FPGAs, and more,” said Moe Kermani, managing partner at Vanedge Capital. “Machine learning is the major driver of this shift and Bitfusion is well-positioned to simplify how applications take advantage of this heterogeneous environment.”

Bitfusion sees an opportunity to provide tools to manage the machine learning development process while squeezing higher utilization out of the many racks of GPUs needed to do the job,” said Karl Freund, senior analyst for machine learning at Moor Insights & Strategy. “And Bitfusion is the first, to my knowledge, to address this growing need.”

“The latest NVIDIA GPU technology delivered on the IBM Cloud is opening the door for clients of all sizes across all industries to accelerate their strategy around HPC, deep learning and AI,” said Jerry Gutierrez, global HPC solution leader at IBM Cloud. “Bitfusion Flex and IBM are helping clients leverage CPU and GPU technology to develop deep learning and AI solutions.”

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Gerber Aligns Management, Continues Pursuit to Make it Easy For Companies to Embrace Their Digital Reality

2 May 2017

With the digital revolution in fashion comes a change to how companies execute their workflow to go from concept to consumer quicker in an effort to stay on trend. The market demands and ever changing consumer tastes are requiring companies to accelerate their adoption of automation and digitization to remain competitive.

With the continued focus on IoT and Industry 4.0, Gerber Technology is pushing design, development and production integration points to the next level. To strengthen these connections, Gerber has appointed Steve Gore as senior vice president of automation solutions, aligning innovation around product development and aftermarket service and support. The realignment further supports Gerber’s effort toward innovating workflow and supply chain processes for the flexible material industries they serve to assist customers to Embrace Their Digital Reality.

“With consistent change in the industry around integration and digitization, promoting Steve Gore, and expanding his responsibility to include our aftermarkets and service, is an integral move. Steve has been an essential part of implementing our integrated Digital Solutions,” stated Mike Elia, CEO at Gerber. “Steve’s passion and commitment to our customers will ensure we continue to provide Gerber’s industry-leading automation products and unparalleled levels of customer support.”

Steve’s team launched Gerber’s entry into IoT back in 2008 with the implementation of GERBERconnect™. While Gerber is continuing to build on its capability, the platform captures countless points of data enabling Gerber’s customers to create dashboard reports to assess manufacturing efficiency. It also allows Gerber technicians to remotely monitor and diagnose a machine’s health in real time to ensure maximum uptime and machine efficiency.

“The customers we support are facing increasing pressures to get their products to market faster and to leverage technology to achieve greater quality and efficiency,” said Steve Gore. “Gerber’s end-to-end solutions and the depth of industry knowledge on my team has me truly energized to strengthen our position as we help our customers embrace industry 4.0 and other key trends that support the digitization

of their workflows.”

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Gerber Appoints New CEO, Mohit Uberoi

5 May 2017

Gerber Technology today announced, as part of a succession plan, the appointment of a new CEO, Mohit Uberoi, to succeed retiring Mike Elia effective Friday, May 5. Elia will join Gerber Technology’s Board of Directors continuing to provide leadership and ongoing counsel.

“Working with the Gerber team has been a tremendous honor. I am proud of what our global team has accomplished and I look forward to serving Gerber and Mohit as a Board member,” stated Mike Elia.

“We thank Mike for his vision and the success he has brought to Gerber,” said Eric Baroyan, AIP Partner. “Mohit will be a great addition to the Gerber management team and will carry out the strategic vision set in place when AIP acquired Gerber.”

“I am inspired to join a company that has a long standing history of innovation dating back to its founder, Joseph Gerber. Joining an industry leading company, that is financially strong with innovative product roadmaps driven by customer insight, is truly a blessing,” said Mohit Uberoi. “My vision for Gerber is to continue to help customers Embrace Their Digital Reality with products that accelerate speed to market.”

Prior to joining Gerber, Mohit has served as President and CEO of Goss International and B&W MEGTEC. He has a proven track record of guiding companies to achieve their strategic initiatives, driving technology solutions, building great management teams, and creating value for all stakeholders. Mohit has also worked in research and new business development for W.R. Grace & Co., a diversified industrial conglomerate. Mohit earned a Bachelor of Science in chemical engineering from the Indian Institute of Technology before moving to the U.S. to pursue his doctorate in chemical engineering from the University of Arizona.

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Infosys to Hire 10,000 American Workers Over the Next Two Years and Establish Four Technology and Innovation Hubs in the United States

2 May 2017

Infosys today announced that it plans to hire 10,000 American workers over the next two years. As part of this initiative, Infosys will open four new Technology and Innovation Hubs across the country focusing on cutting-edge technology areas, including artificial intelligence, machine learning, user experience, emerging digital technologies, cloud, and big data.

These four hubs will not only have technology and innovation focus areas, but will closely serve clients in key industries such as financial services, manufacturing, healthcare, retail, energy and more. The first hub, which will open in Indiana in August 2017, is expected to create 2,000 jobs by 2021 for American workers and will help boost Indiana’s economy.

“Infosys is committed to hiring 10,000 American technology workers over the next two years to help invent and deliver the digital futures for our clients in the United States,” said Dr. Vishal Sikka, Chief Executive Officer, Infosys. “Learning and education, along with cultivating top local and global talent,

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have always been the core of what Infosys brings to clients; it is what makes us a leader in times of great change. In helping our clients improve their businesses and pursue new kinds of opportunities, we are really excited to bring innovation and education in a fundamental and massive way to American workers. New advances in technology – artificial intelligence, in particular – are radically transforming our world, and it is within our reach to learn these new technologies and to be the innovators and entrepreneurs who bring solutions based on these technologies to our clients in all industries.”

“It's so good to welcome Infosys to Indiana, and to expand our growing tech ecosystem with the addition of their estimated 2,000 Hoosier jobs,” said Indiana Governor Eric J. Holcomb. “Indiana continues to put the tools in place, such as the Next Level Trust Fund and incentivizing direct flights, that allows us to attract and retain great companies like Infosys. In addition, our higher education institutions are producing a world class workforce, establishing Indiana as the innovation hub of the Midwest. I look forward to working with Infosys to elevate Indiana to the next level.”

In filling these jobs, Infosys will hire experienced technology professionals and recent graduates from major universities, and local and community colleges, to create the talent pools for the future. To ensure that American workers are fully equipped to innovate and support clients in the rapid digitization of all industries and consistent with Infosys’ over 35 year-long commitment to the U.S., the company will institute training programs in key competencies such as user experience, cloud, artificial intelligence, big data and digital offerings, as well as core technology and computer science skills.

This development comes as part of Infosys’ continued legacy of a three-decade long investment across the U.S. In just the last 3 years, Infosys has renewed this focus by setting up an innovation hub in Silicon Valley: a unique, open environment that encourages new ways of working, collaborating, thinking and delivering breakthrough next generation project to clients.

Infosys pursues its mission of inspiring children, young adults and educators to become creators of technology through its charitable foundation, Infosys Foundation USA. Since 2015, more than 134,000 students, over 2,500 teachers and almost 2,500 schools across America have benefited from high quality computer science training and classroom equipment funded by Infosys Foundation USA. The Foundation also partners with organizations such as Code.org, CSTA and others to advance the skills development of millions of students.

“Since joining Infosys nearly three years ago, it has been my personal endeavor to help us get much closer to our clients, to co-innovate with them, on their most important business problems,” added Dr. Sikka. “Having lived in the U.S. for nearly 30 years, and being a part of the incredible innovation here, I truly believe Infosys can help clients bring innovation more directly into their businesses, as they create and drive their digital transformations. We can achieve this by enhancing our ability to attract and recruit local top talent across the United States, by harnessing the global scale of Infosys, through software and platforms, and by educating and training people in the necessary skills.”

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Oracle Announces EU Region Expansion in Germany

4 May 2017

Continuing its commitment to cloud customers through extensive engineering and infrastructure investments, [Oracle](#) today announced enhancements to the Oracle Cloud EU Region in Germany with the addition of modern infrastructure as a service (IaaS) architecture and new IaaS and platform as a service (PaaS) cloud services. German-based modern IaaS will enable organizations to build and move

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mission-critical workloads to the cloud with uncompromised security and governance at a significant price performance advantage both over existing on-premises infrastructure and competitive cloud offerings. Oracle's expanded infrastructure footprint is a result of tremendous customer demand with non-GAAP cloud revenue up 71 percent in Q3FY17 to \$1.3 billion. The Oracle Cloud EU Region in Germany builds on the previously announced Oracle Cloud UK Region. The Oracle Cloud EU Region in Germany is expected to come online in the second half of this calendar year.

“Our customers and partners in the EU and in Germany have trusted their businesses and mission-critical workloads to the Oracle Cloud for years,” said Thomas Kurian, president of product development, Oracle. “The expansion of the Oracle Cloud EU Region in Germany will deliver the best cloud services, not only our leading SaaS offerings, but also our new PaaS and IaaS offerings. Oracle will be providing EU-based cloud customers with unmatched performance, availability, and governance, and support of the broadest range of enterprise applications from any cloud platform.”

The expansion of the Oracle Cloud EU Region in Germany will consist of three high bandwidth, low latency sites—or Availability Domains (ADs). These ADs are located within the Frankfurt metropolitan area and operate in a completely fault-independent manner. This differentiated architectural approach along with unique to cloud technologies like Oracle Real Application Clusters (RAC), provides the highest levels of failure protection and availability for Oracle customers' most demanding cloud-based applications. Availability Domains are deeply integrated into the Oracle Cloud Platform, easing use and eliminating complex architectural decision-making around availability.

With today's news, Oracle will be providing EU-based customers with a comprehensive set of cloud services, including SaaS and the new PaaS and IaaS capabilities to support their journey to the cloud. Whether they are migrating Oracle Database applications, or building new ones, Oracle Cloud Platform is the fastest, most reliable platform. Oracle already has a major presence in Germany with Global Drinks, Lufthansa Cargo AG, and Mövenpick already using Oracle Cloud services in the country.

“Oracle cloud technology is enabling enterprises to develop new services, create new digital experiences for their customers and compete in new markets. This investment in Germany demonstrates our commitment to provide unrivalled state of the art technology infrastructure where and when our customers need it. This will be particularly important as companies ensure their migration to the cloud complies with impending EU General Data Protection Regulations,” said Frank Obermeier, vice president and Country Leader, Oracle Germany.

“We are working with our EU and global customers to help them determine how to accelerate their migration to the cloud using modern SaaS, PaaS, and IaaS services,” said Tim Jennings, chief analyst for Enterprise IT at Ovum. “The enhanced Oracle EU Region in Germany will provide organizations with the full spectrum of cloud services, delivered with the same levels of enterprise-class performance, security and availability they have come to expect from their on-premise technologies.”

Customers and Partners Eager to Use Oracle Cloud's IaaS in Germany

“Cloud computing is revolutionizing the ability to provide technology platforms and infrastructure ‘as-a-Service,’ helping companies quickly and cost effectively bridge the gap to digital innovation,” said Yves Bernaert, senior managing director, Accenture Technology in Europe, Africa and Latin America.

“Accenture helps its clients take a [Cloud First](#) approach to harnessing digital disruption and become high velocity enterprises—agile, connected and optimized to navigate their unique [Journey to Cloud](#) and outperform the competition. Accenture is excited to bring this additional offering to our clients as it provides a compelling value proposition for those running local, in-country, fully scalable and integrated

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cloud solutions covering applications, platform and infrastructure. As one of the leading Oracle systems integrators globally and Oracle Germany Partner of the Year 2017 for IaaS, and a Diamond level and Global Cloud Elite business member of the Oracle PartnerNetwork (OPN), we look forward to continuing to build on our relationship, which spans a quarter of a century.”

“Working with Oracle’s modern IaaS located in the United States, we have been extremely impressed with the high compute performance and super low latency,” said Gary Mawdsley, Co-Founder of AnzenData. “We are very excited the Oracle Cloud EU region is coming online. This opens up a second major geography which is essential for Anzen, where a second continent is fundamental to the integrity and legitimacy of the Anzen product. The Oracle vision and roadmap for the cloud can only further enhance and support Anzen's strategy and offerings.”

“Paragon provides high-performing, secure, and stable IT infrastructure to more than 450 bookstores across Germany, Austria, and Switzerland. The cloud has opened up new opportunities for small and medium-sized companies to modernize their business, reduce costs and become more flexible,” said Malthe Griesel, Head of Oracle Infrastructure and Database Services, Paragon Data. “As a long-term cloud customer and Platinum level member of OPN, we are excited to see Oracle’s commitment to the German market by delivering the full stack of cloud services locally.”

“For our customer workloads, scalable performance in the cloud is driven by the network and storage architecture and in both those areas Oracle modern IaaS is delivering a significant step change in price performance available to our HPC Cloud customers,” said Jamil Appa, co-Founder and director of Zenotech.

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Oracle and Partners Make It Easier for Global Organizations to Move to the Cloud

4 May 2017

Oracle today announced the addition of new partners to Oracle Network Cloud Service: FastConnect, a program that enables enterprise cloud connectivity through the points of presence for global members of Oracle PartnerNetwork. The new and extended partner relationships support the strong demand for Oracle Cloud. These collaborations help global enterprise customers break down barriers to cloud adoption and take advantage of performance, cost and innovation benefits of the Oracle Cloud.

[Equinix](#) has extended its relationship with the Oracle FastConnect program to include Oracle Cloud Infrastructure. A similar relationship with [Megaport](#) was announced in April to enable Cloud through the FastConnect program. Other recent partners include [Verizon](#), [BT](#) and [NTT](#).

Oracle FastConnect addresses one of the most important issues that impacts migration to a cloud service: the unpredictable nature of the Internet. With FastConnect, customers can create a high-throughput and low-latency connection that delivers the benefits of a hybrid cloud setup by providing an easy, cost effective way to create dedicated and private connectivity to Oracle Cloud. In addition, customers can address common concerns with security and performance issues associated with cloud technologies. This is especially true for mission-critical enterprise workloads that frequently demand high levels of availability, security and performance.

Together, Oracle and its FastConnect partners aim to remove barriers to cloud adoption by providing additional options for connectivity to Oracle Cloud from trusted enterprise data centers. In-region accessibility helps to improve performance by reducing latency and providing strong quality of service,

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all while supporting data residency requirements. Connecting directly to the Oracle Cloud through Oracle FastConnect enables a fast, private connection to the industry's broadest and most integrated cloud platform, with a complete range of services across Software-as-a-Service (SaaS), Platform-as-a-Service (PaaS) and Infrastructure-as-a-Service (IaaS).

"We continue to see tremendous growth across our cloud business," said Thomas Kurian, president of Product Development, Oracle. "These collaborations further help our customers achieve business transformation in the cloud and execute on their business strategies by taking advantage of the breadth and depth of our partners' global networks."

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Rescale Announces LS-DYNA On-Demand in Europe

1 May 2017

[Rescale](#) and [DYNAmore](#) are excited to announce that hourly, on-demand licenses of the popular finite element analysis (FEA) software LS-DYNA are now available in Europe on ScaleX Enterprise, Rescale's enterprise cloud platform for big compute. The joint launch builds on the success of on-demand licensing in the United States, which accounts for 99% of LS-DYNA jobs on ScaleX in that country. DYNAmore, an LS-DYNA European distributor, will take care of orders and billing, while Rescale will deliver the software on its cloud platform.

Rescale provides ScaleX, a cloud computing platform for simulation and other software that require high-performance computing (HPC). Over 200 third-party software packages, including LS-DYNA, are integrated onto the ScaleX platform, which users can leverage on the cloud via an intuitive SaaS graphical user interface. Rescale partners with major public cloud providers, including AWS and Microsoft Azure, to allow users to run simulations on a global network of the latest HPC hardware.

LS-DYNA, one of the most popular software packages on the ScaleX platform, was previously available to European customers under a "bring-your-own-license (BYOL)" model that permitted customers to use their annual or paid-up licenses on the Rescale platform. With the addition of on-demand licensing, European LS-DYNA customers can now instantly purchase hourly licenses on the cloud to meet their variable simulation requirements and pay by the hour for the licenses they use. In conjunction with Rescale's multi-cloud network of on-demand HPC hardware, on-demand licenses will allow European LS-DYNA customers to fully leverage the elasticity of the cloud. "Engineers at European enterprises now have the freedom to scale out their LS-DYNA simulations in the blink of an eye, giving their organizations the IT agility that directly corresponds with ROI," said Joris Poort, Rescale's CEO.

DYNAmore's Software Solutions Manager Uli Göhner anticipates the news will boost LS-DYNA sales in Europe as the software licenses become more accessible and easy to purchase. "We already have a lot of requests from our existing customer base for short-term HPC resources. Our flexible licensing strategy allows customers to lease additional licenses for a short term or to purchase licenses on a pay-per-use basis. This new licensing option was implemented especially for our LS-DYNA cloud offering and allows our customers to use their HPC resources effectively."

Rescale is a Gold Sponsor of the [11th European LS-DYNA Conference](#) in Salzburg, Austria on May 9-11, 2017.

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CIMdata PLM Industry Summary

SAP Accelerates Innovation in New York City with Launch of SAP Next-Gen Program

27 April 2017

The SAP Next-Gen program, in partnership with Hasso Plattner Institute (HPI), has expanded its footprint to New York City, opening on the 48th floor of SAP's new offices at Hudson Yards.

SAP Next-Gen in New York will create an innovation hub, connecting the diverse perspectives of next-generation innovators in New York to SAP's global innovation and development ecosystem.

[SAP Next-Gen](#) is an innovation platform for SAP's more than 350,000 customers around the world. To drive innovation, the initiative leverages more than 3,100 educational institutions in 110 countries, SAP's more than 100 innovation and development centers, and startups in the SAP ecosystem.

New York City is a vibrant city with an entrepreneurial energy that reflects that of SAP. With the opening of the SAP Next-Gen program in New York, the company is well positioned to leverage — and contribute to — New York City's blossoming technology sector, aptly named "Silicon Alley," its culture of innovation, and deep talent pool.

Companies participating in the SAP Next-Gen program in New York will have opportunities to crowdsource with academia on the future of industries, seed in disruptive innovation from startups, and benefit from thought leadership of SAP experts, partners, and venture firms. Network participants can connect to innovation leaders from SAP and partners both locally in New York, and globally via the SAP Next-Gen network linked to other burgeoning tech hubs around the world.

"At Hudson Yards, the SAP Next-Gen program in partnership with HPI will enable companies to connect in an open innovation network with New York academic thought leaders and researchers, students, startups, accelerators, venture firms, purpose driven partners, and industry & technology experts from SAP and partners," said Ann Rosenberg, vice president and global head of SAP Next-Gen.

"Tech:NYC is thrilled to partner with SAP Next-Gen at Hudson Yards," said Julie Samuels, executive director of Tech:NYC, which represents New York City's technology industry with government and civic institutions. "SAP's innovation hub at Hudson Yards creates new opportunities across our network to attract and connect tech talent and jobs, to support the growth of the technology sector, and increase civic engagement by leaders of the New York tech community."

SAP Next-Gen program members can take advantage of services, including SAP Next-Gen boot camps, global challenges, salons, meetups, industry summits, and innovation tours hosted in the SAP offices at Hudson Yards; SAP Next-Gen Consulting, in collaboration with academia; SAP Next-Gen Industry Fellows program; and SAP Next-Gen Startup Matchmaker program.

"HPI looks forward to partnering with SAP Next-Gen at Hudson Yards," said Prof. Dr. Christoph Meinel, president and CEO, Hasso Plattner Institute. "As a leading university center of excellence for Digital Engineering based in Potsdam, Germany, HPI aims to form innovative partnerships in New York across industries and to develop new ideas with companies, start-ups, universities and research centers."

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Singularity University Expands Longtime Relationship with SAP to Foster Innovation for Global Good Using Exponential Technologies

3 May 2017

CIMdata PLM Industry Summary

Singularity University (SU), a global community with a mission to educate, inspire, and empower leaders to apply exponential technologies to address humanity's grand challenges, today announced the expansion of its five-year relationship with [SAP SE](#).

The announcement was made at the SingularityU Germany Summit, where SAP is a premium sponsor. The event is taking place in Berlin May 3-4, 2017, to help German leaders understand how to apply exponential technologies for positive change and economic growth, as well as a means of future-proofing their companies from market disruption.

The expanded relationship between SAP and SU includes SAP becoming a founding sponsor of SingularityU Germany in Berlin, expected to be operational later in 2017. SAP expects to host educational tracks and workshops, and collaborate on thought leadership activities with SU, whose experts will also work with SAP clients to help them understand the profound impact and possibilities of exponential technologies, not only in helping businesses succeed, but also in improving our lives.

"SAP is honored to expand our longstanding collaboration with Singularity University to Germany - our home base," said Michael Kleinemeier, Member of the Executive Board of SAP SE and Head of SAP's Digital Business Services. "Through our existing relationship with SU, we've helped leaders and innovators within SAP to embrace exponential thinking, empowering a mindset that allows them to think without constraints and leverage technology to achieve exponential growth. SAP will work with SU to help deepen the understanding of digital technologies amongst our customers, partners, and colleagues across Europe."

"SAP is a premier example of how businesses can work with us to enable an abundant future for the world through the innovative use of exponential technologies, such as artificial intelligence, robotics, digital biology, nanotechnology, and other sources of innovation," said Rob Nail, CEO and Associate Founder of Singularity University. "What better place to expand our efforts than in Germany, one of Europe's leading economies, and in Berlin, a great center of innovation. We are delighted to have the continued support of SAP, the biggest European technology company with deep roots in Germany."

Working in close partnership with organizations including SAP, Deloitte, Google, Genentech, Becton Dickinson, and XPRIZE, SU has developed the programs, tools, and community network that encourages the use of exponential thinking and technologies as catalysts to help solve the world's greatest challenges - from water, food, and shelter to the environment, prosperity, and medicine, among others.

The SingularityU Germany Summit features a session with Jonathan Becher, chief digital officer of SAP, and Salim Ismail, best-selling author, talking about exponential organizations; and Thomas Struzek, head of SAP Digital Business Services EMEA and Martin Wezowski, chief designer at SAP Innovation Center Network, discussing innovation in Europe.

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TCS Retains Number 1 Position in Europe for Customer Satisfaction for Fourth Consecutive Year

27 April 2017

Tata Consultancy Services (TCS) has been named number one for customer satisfaction in the region's largest report of IT service providers. This is the fourth year in a row that TCS has achieved the highest level of customer satisfaction, leading the way for customer centricity in an evolving, fast-paced digital economy.

CIMdata PLM Industry Summary

Conducted across 13 European countries, the study is based on the experiences of more than 1,500 business leaders (CIOs, CEOs, CFOs or their direct reports), who oversee 4,600 IT services contracts with a combined annual total contract value of over 40 billion Euros. The in-depth research looks into 25 providers, examining their performance, customer satisfaction levels and delivery quality across IT services sector. With a satisfaction score of 79% in 2016, TCS occupied first place in the rankings for the whole of Europe. The company also topped the rankings in the majority of individual countries including UK, Netherlands, Belgium, Germany, Austria, Switzerland & the Nordics, while also leading the way for the financial services sector.

Amit Bajaj, Head of Europe, TCS, said, “We have been consistently recognized as the industry leader in customer satisfaction so I’m delighted that we’ve come out on top for the fourth year running in the independent study by Whitelane. At TCS, our commitment to the customer is unrelenting and is at the heart of our continued success and growth. In a business environment which is rapidly changing through digital, we not only provide certainty around core operations but also act as a trusted partner on the digital transformation journey. The verdict of 1,500 CXOs underscores the value we continue to deliver to our customers across the region.”

In addition to overall customer satisfaction, the Whitelane Study assesses each company based on 11 key performance indicators (KPIs). TCS was named as the best performer in six individual KPIs including business value, trustworthiness, service delivery, account management, proactivity and change management, while being ranked in the top three for escalation effectiveness, reporting quality, price level and contractual flexibility. Shankar Narayanan, Head of UK & Ireland, TCS, said, “We work with many of the world’s leading brands and while each company is unique, digital disruption is a universal force. We bring real value to our customers in helping them navigate these new dynamics; exploring ways they can innovate and renew their operations, while also providing the confidence that business critical services and IT infrastructure are performing to their best ability. Around the world, some of the most iconic companies put their trust in us to help them stay competitive and grow, and this industry recognition further underlines the value we bring to our customers in the digital economy.”

Jef Loos, Head of Sourcing, Whitelane Research, said, “This year’s Whitelane Study provides the most in depth analysis of the IT outsourcing industry to date and highlights how executives are increasingly looking for ways to drive their business forwards while providing the best service possible. TCS has been a standout digital partner to these companies for yet another year, topping the list in most categories and countries and setting the pace for customer service in the IT sector across Europe.” With the European Commission estimating that the digital economy will grow by €415 billion a year, this year’s Whitelane report highlighted the continued shift towards digital transformation.

While cost continued to be a key driver, there was a particular appetite for new services and solutions that support the core business (58%) and improve access to resources (46%) as part of an organization’s strategy to take advantage of new opportunities in the digital economy. Howard Davies, Chairman, Royal Bank of Scotland & Board Director, Prudential, said, “Customer satisfaction is one of the most important attributes in today’s competitive world, which is constantly getting disrupted. It’s great to hear that Tata Consultancy Services has managed to win the top award in their industry for 4th year in a row. My congratulations to the firm and they should be very proud of this achievement.” Stine Bosse, Board Director at Allianz and TDC, and Chairman of BankNordik and Tele Greenland said, “I have known TCS for many years now, and I have always been very impressed by its client centric culture. I am very happy to congratulate the company for having come at the very top in the customer satisfaction table. TCS is doing pioneering work to help transform enterprises for the Digital Age and this ranking should make its employees very proud. It’s an achievement well deserved.”

CIMdata PLM Industry Summary

Mr. Jos Kerssens, Vice President - Development Passenger Business & Deputy Vice President Development Air France KLM said, “Our company vision is to become the most customer-centric, innovative and efficient European network carrier. In order to achieve this, we needed a technological core that allowed us to offer the best digital products and solutions for our customers, and would support our ambition for business growth. We partnered with TCS to help us on this transformation. By tackling the challenge as one team, we’ve achieved some great success in innovating and digitizing our multiple offerings. As a result, we’re well on the road towards digitally transforming the enterprise and providing the best customer experience we can.”

Nick Sex, COO at The National Employment Savings Trust (NEST) said, “We have a saying here that TCS is more NEST than NEST. We have a great relationship with the teams, and their knowledge and expertise have been crucial in helping us build a high quality, low cost pension scheme, that’s easy for our customers to use. We’re now one of the largest UK pension schemes working with more than 330,000 employers, and helping over 4.5 million members save for their retirement. The technology and programmes that TCS implemented have been essential in getting us to where we are today.”

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Wipro Limited Launches New Brand Identity; Rearticulates its Values

2 May 2017

Wipro Limited today unveiled its new brand identity. The new brand identity signifies a higher level of engagement and brand permission that helps clients leverage Wipro’s expertise to address their business requirements and drive future opportunities in this digital era.

The new brand identity marks Wipro’s emergence as a trusted digital transformation partner to clients, delivering at global scale with increasingly localized capabilities, and leveraging hyper-automation, robotics, cloud, analytics, cognitive and emerging technologies.

This new brand identity also mirrors two key attributes cited by clients as unique to Wipro’s brand: the integrated perspective that Wipro brings across multiple industries, technologies and geographies; and its ability to deliver innovation in ways that are most relevant for clients.

New logo

As part of the new brand identity, Wipro unveiled a new logo.

The new logo represents the way the company “connects the dots” for its clients: integrating deep technology and domain expertise, applying insights from across industries, and consistently delivering world-class integrated, end-to-end capabilities and services. The logo also highlights Wipro’s strong technology heritage and reflects its capabilities for the future.

The styling of the brand mark gives it a sense of fluidity, resourcefulness, optimism and a connected world.

The individual elements in the logo represent ideas, insights, technologies, industries and geographies. The expanding pattern symbolizes a boundless Wipro. The four circles represent the Wipro Values, Employees, Clients & partners, and Communities. The blue of the word mark creates a sense of reliability and authority.

Along with its new identity, Wipro has also rearticulated the Spirit of Wipro, its core values: Be passionate about clients’ success, Treat each person with respect, Be global and responsible, and

Unyielding integrity in everything we do.

Azim Premji, Chairman, Wipro Limited said, “Our brand identity is a visual expression of what we do and mean, for our clients. And this is directly energized by our Values. The Values are our core and our beacon, the bedrock of our culture. Our rearticulated values connect and resonate deeply with the new, vibrant, brand identity.”

Abidali Z. Neemuchwala, Chief Executive Officer and Executive Director, Wipro Limited said, “The new brand identity marks our journey of transformation in the digital world. Our brand refresh signals an even closer engagement with clients, greater innovation, and a deeper impact on their business. It is contemporary, reflecting the diversity and aspirations of our employees.”

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Events News

3D Concepts to Demo Vero’s Mould-Making Software

2 May 2017

Vero Software’s German reseller 3D Concepts will be demonstrating Edgecam, Surfcam and Radan at the forthcoming Moulding Expo exhibition at Stuttgart.

This is only the second time this new trade show has been held, and is expected to attract around 15,000 visitors to the Messe Stuttgart from May 30 to June 2.

With the exhibition focusing on mould- and pattern-making for plastics and progressive dies, Thomas Menholz, from 3D Concepts, says they will be highlighting in particular how the latest releases of Edgecam and Surfcam CAD/CAM software can help toolmakers and manufacturers take their business to the next level.

3D Concepts, Edgecam, Surfcam and Radan – Halle 4, Booth D15.

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"Art with Watson: Hidden Portraits" Exhibit Highlights Cognitive Creativity

26 April 2017

"[Art with Watson](#)," a special exhibit sponsored by IBM that showcases “cognitive creativity,” is open at the Cadillac House gallery, 330 Hudson Street, in New York City's SOHO neighborhood, through May 7.

The show includes portraits of pioneers of science, society, business and design -- including Marie Curie, Nikola Tesla, Charles Darwin, Eleanor Roosevelt, Josephine Baker, Thomas J. Watson and Paul Rand -- all created by modern artists with the help of IBM Watson technology. Watson provided the artists with unusual insights into each subject – from Nikola Tesla's patents and journals, to Marie Curie's correspondence with her children.

IBM's cognitive platform, which is already being used to help experts in industries such as healthcare, financial services and retail, has inspired artists to create original works in film, architecture, music, and fashion.

CIMdata PLM Industry Summary

According to Ann Rubin, IBM Vice President, Branded Content & Global Creative, "Like the cognitive [dress](#) and [song](#), these works show how artists can interact with Watson to inspire human creativity. The portraits provide unexpected insights into some of the most familiar subjects of our time, and they enable artists to create things they wouldn't have created without Watson."

"Art with Watson" displays portraits by contemporary artists including Evan Stebler, Sean Freeman, Craig Cutler, Taylor James, Gwen Vanhee, Wim Vanhenden, Trevor Gureckis, Peter Hahn, Chris Rowson, Bastien Baumann and Robyn Makinson.

The exhibit also features a "cognitive photobooth" that puts Watson in the hands of individual attendees. Based on responses to a series of questions, Watson creates a personal portrait with the same APIs used to create the gallery portraits.

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CollabNet to Teach Enterprise Value Stream Management for Software Development and Delivery at Red Hat Summit May 2-4

2 May 2017

CollabNet will be exhibiting and speaking at the Red Hat Summit – the premier open-source technology event – in Boston, May 2-4.

Eric Robertson, Vice President of DevOps Product Engineering and Management at CollabNet, will present "Value Streams for the Enterprise" on May 4 at 1 p.m. in the Partner Pavilion. Organizations can leverage value streams for DevOps to enable continuous monitoring and feedback across applications and services. Robertson will discuss the importance of continuous feedback loops and the use of contextual data to optimize performance metrics across the pipeline.

CollabNet invites attendees to catch interactive demos in Booth #315 featuring both its DevOps and application lifecycle management (ALM) platforms: DevOps Lifecycle Manager (DLM) and TeamForge.

"CollabNet is a long-time champion of open-source software. From our earliest days, we've been contributing to open-source resources, creating solutions that support open source, and encouraging enterprises and government organizations to take advantage of open-source tools," said Flint Brenton, CEO at CollabNet. "Our collaboration solutions have helped numerous organizations, and yes, even government bodies, embrace open source and greatly speed the development and delivery of software, all while ensuring better quality and greater integration of feedback from operations teams and business stakeholders."

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Dassault's Science in the Age of Experience

3 May 2017

UI LABS CEO, Caralynn Collens, will be the keynote speaker. Dassault will be hosting a 3-day Hackathon as part of the event. The Hackathon will kick off on May 15th with training and starting files. Teams will then be given the opportunity to create and form their designs.

Conference Dates: May 16-18, 2017

Training Day: May 15, 2017

CIMdata PLM Industry Summary

Venue: McCormick Place and Hyatt Regency hotel

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ESI to Unveil New Virtual Reality Developments at GPU Technology Conference 2017

2 May 2017

[ESI Group](#) will present its latest Virtual Reality (VR) developments at the upcoming [GPU Technology Conference \(GTC\)](#) (booth 708), scheduled May 8-11 in the Silicon Valley, California. Working with [NVIDIA](#), ESI has greatly improved its VR solution tailored for industrial use. The latest release, ESI IC.IDO 11.1, benefits from this action and will be unveiled at GTC 2017; providing visitors with opportunity to experience the new release and learn about proposed future innovations.

In February, ESI announced [ESI IC.IDO 11](#), developed using aspects of the [NVIDIA VRWorks SDK](#). This past release featured an NVIDIA Quadro-enabled rendering framework, making it compatible with consumer and enterprise Head-Mounted Displays (HMDs).

“This improvement is a real breakthrough for engineers developing innovative products,” says Eric Kam, Product Marketing Manager at ESI Group. “They can now benefit from independent product/process evaluations in a natural and immersive manner without necessarily needing more elaborate infrastructure such as a VR CAVE or powerwall. At the same time, IC.IDO 11 offers great interoperability, so HMD users can perform in-process integration validations and collaborate on product/process design reviews with remote teams who may use existing VR infrastructures.”

ESI will introduce its upcoming release, ESI IC.IDO 11.1, at [GTC 2017](#). Benefiting from [VRWorks](#) integration, ESI IC.IDO 11.1 raises the bar in Geometry-to-VR engineering solutions through support of VR-SLI (Virtual Reality-Scalable Link Interface), the NVIDIA Pascal GPU architecture, and single-pass stereo — together providing superb performance for the immersive exploration of complex geometry. Behaviors such as solid mechanics, collision detection, and elastic and kinematic physics are simulated in real-time for interactive exploration of complete digital prototypes and human-centric processes. Other significant improvements in ESI IC.IDO 11.1 include additional collaborative modes, increased performance, and an innovative natural interaction mode in VR with simulated hands, forearms, and upper arms, controlled by handheld devices that leave the user unencumbered by complex tracking requirements.

During the [GTC 2017](#), ESI and NVIDIA will co-present technical papers outlining their current progress in bringing geometry models to HMDs, and vision for novel concepts on the future of GPU-enabled virtualization of immersive experiences, and in defining methods for the rendering of complex physically based materials thanks to NVIDIA's Material Definition Language.

In his technical presentation, “[Delivering Immersive Experiences Through GPU Virtualization and Streaming](#)”, Jan Wurster, Virtual Reality Solution and Technology Expert at ESI Group, will explain how IC.IDO proposes new horizons for further innovation for industrial manufacturers.

Eric Kam adds: “Our goal for the future is to accelerate immersive engineering so that on-premise cloud-based NVIDIA GRID servers can deliver more than virtual GPU (vGPU)-enabled desktops. More specifically, we envision virtualized workspaces via HMD for greater scalability and portability of virtual integration workflows. Engineers will no longer need to be tethered to their workstations to design, test and collaborate in VR. They will virtualize immersive experiences using a thin client, making valuable interactions sharable easily, faster, and even earlier in the product development

process.”

Meet ESI at GTC 2017 in booth 708 to experience Virtual Reality with IC.IDO.

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High Performance Computing: Altair Announces an Impressive Speaker Lineup for its 2017 PBS Works User Group

2 May 2017

Altair’s 2017 [PBS Works User Group](#) will be hosted in Las Vegas, NV from May 22-25, featuring an agenda packed with eminent thought and industry leaders. Top speaker presentations include Boeing, NASA Ames, U.S. Department of Defense, the National Computational Infrastructure, General Electric, Intel Corporation, Oracle, Orbital ATK, the University of Nevada Las Vegas, and more. Les Ottolenghi, EVP & Chief Information Officer at Caesars Palace Entertainment will keynote the event.

This four-day event will be held at the Innevation Center in Las Vegas and includes two days of presentations, panel discussions, and two days of hands-on workshops. Altair plans to unveil the latest PBS Works Suite functionalities, including PBS Professional® updates, new intuitive user interfaces, advanced admin features, cloud bursting capabilities, and more. Product managers and developers will be demonstrating new features to attendees live at the event.

This year Altair is proud to host a tour of the [Switch Las Vegas Data Center](#) on May 23rd, the most advanced, efficient data center campus in the world. Attendees will also have the opportunity to learn and network with some of the best minds in HPC. The PBS Works User Group (PBSUG) provides a first-rate opportunity to connect with fellow users and learn from cross-industry applications. There is no event more important for PBS Works’ users and administrators to attend this year than PBSUG 2017. Sessions will deliver valuable tips, insights, and practical information to enhance users’ professional skills.

InsideHPC’s Rich Brueckner will moderate a Q&A Panel featuring this year’s sponsors, Intel, Oracle, and Panasas. Additionally, PBSUG 2017 will feature two discussion panels with Altair PBS Works product managers and engineers. “These open forums are really valuable for both users and Altair,” says Bill Nitzberg, PBS Works CTO. “Attendees can learn about our plans and give truly uncensored feedback directly to the engineering teams. It’s a great chance for the whole community to learn from each other.

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inno360 Captivates Audiences at IBM World of Watson 2016

1 May 2017

The power and promise of inno360’s award-winning SaaS platform were highlighted by their CEO, Peter Wengryn in his presentation at IBM’s World of Watson 2016 conference recently held in Las Vegas, Nevada. Audiences were engrossed by inno360’s client success stories in research and development (R&D) and were excited to learn about the company’s new direction in business applications.

CIMdata PLM Industry Summary

inno360, powered by IBM Watson, accelerates search and analysis, identifies new insights, and connects key resources within and across companies. Integrating IBM Watson's cognitive analytics, inno360 enables its R&D users to identify new opportunities and find answers to problems by using rich, comprehensive, business-relevant content (internal, external and publicly available), powerful analytics and cogent visualizations.

Peter's presentation spotlighted R&D client success stories, outlining how inno360's Fortune 500 R&D clients have been able to use the inno360 platform to make sense of big data in order to bring products to market faster, to reduce risk, and to increase product pipelines. The presentation then turned to explore the challenges companies face as they investigate large amounts of content to solve business problems. Peter described how all disciplines within companies--sales, marketing, research, HR, M&A as well as R&D—can benefit from the actionable intelligence inno360 generates.

Audience excitement was palpable as discussion focused on how inno360 would enable companies to apply the power of cognitive technology to their business problems and, as a result, become more intelligent, reduce costs, and increase revenues.

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ProSTEP iViP Symposium 2017: CONTACT Keynote on the Digital Transformation

2 May 2017

CONTACT Software is a premium sponsor of this year's ProSTEP iViP Symposium, together with thyssenkrupp. In line with its motto "Digitalization for Products and Production", the international PLM conference, which is expected to attract more than 650 experts, is focusing on the digital transformation of manufacturing industry.

The increasing complexity of products and production, systems engineering and model-based development, the Internet of Things (IOT) and smart, value-added services are the issues driving manufacturing industry. Tackling these issues requires innovative approaches, new methods and processes as well as powerful software solutions. The ProSTEP iViP Symposium 2017, which is being held 17 and 18 May in Essen, provides an ideal platform for renowned experts from industry and the research community.

In his keynote entitled "IoT-Driven PLM Solutions", CONTACT's managing director Karl Heinz Zachries will be focusing on digital value creation in the context of products and services. "Product data and product models lie at the heart of the digital transformation," says Zachries. "What companies need now are methods and solutions for coming to grips with the interdisciplinary development of complex, networked mechatronic products. At the same time, apps and solutions need to be developed that allow the new business models and the benefits for the end customer to be experienced."

With its open Elements for IoT platform, CONTACT Software provides industry with the support it needs. Under the motto "Each outstanding in its own right, together something unique", product-related IoT applications can be developed faster and better than ever before thanks to harmonized software modules. CONTACT will show the potential that digitalization offers using end-to-end IoT solutions at the parallel exhibition (stand 25/26) in the Colosseum Theater in Essen.

Practice-oriented scenarios illustrate rapid application development with CONTACT Elements and the interaction between modules such as device management, monitoring and analytics, digital twin and customer operations. According to CONTACT, the carefully harmonized Elements modules allow IoT

applications to be developed and deployed up to 10 times faster than before.

With over 650 participants from Asia, Europe and the USA, the ProSTEP iViP Symposium is one of the leading PLM conferences worldwide. For what is now the 20th time, the event will offer companies the perfect opportunity to exchange information on solutions, experience already gained and best practices with other PLM experts and gain fresh impetus.

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Financial News

ANSYS Announces Q1 2017 Financial Results: A Record First Quarter

3 May 2017

ANSYS, Inc. today reported first quarter 2017 GAAP and non-GAAP revenue growth of 13% in constant currency. Recurring revenue, which is comprised of lease license and annual maintenance revenue, totaled 78% of revenue for the first quarter. The Company also reported 16% growth in diluted earnings per share on both a GAAP and non-GAAP basis.

“Innovative companies rely on ANSYS’ industry-leading solutions to tame product complexity and improve time to market. Our strong start to the year demonstrates that customer demand for ANSYS’ product portfolio is stronger than ever,” said Ajei Gopal, ANSYS President and CEO. “I am delighted to see our focus on sales execution has resulted in substantial year-over-year growth in software license revenues, in double-digit revenue growth in both North America and Asia-Pacific, and in continued solid performance from our channel partners, most notably in China, India, and South Korea. While our European business has shown early signs of revitalization, for example with double-digit growth in France, we still have organizational and go-to-market work ahead of us to get Europe delivering on par with our other geographies. We are committed to investing in our business to capture the exciting long-term opportunities we see ahead,” Gopal added.

Maria Shields, ANSYS CFO, stated, “The underlying fundamentals of our business performed above the high end of our expectations as evidenced by our record first quarter revenue, deferred revenue and backlog, and cash flows. Earnings were also very strong for the quarter, growing double digits, and our operating margin was above the high end of our guidance, driven by the over-performance in revenues. We also continued to return capital to our stockholders through the repurchase of one million shares under our recently increased share repurchase plan.”

Financial Results

ANSYS' first quarter 2017 financial results are presented below. The 2017 and 2016 non-GAAP results exclude the income statement effects of acquisition adjustments to deferred revenue, the impact of stock-based compensation, acquisition-related amortization of intangible assets and acquisition-related transaction costs. The 2017 first quarter non-GAAP results also exclude restructuring charges.

As previously announced on our February earnings call, we implemented a workforce realignment that began in the fourth quarter of 2016 and that is intended to accelerate the shift of investments toward preferred strategic initiatives and higher growth opportunities. These actions resulted in GAAP restructuring charges of \$9.3 million (\$6.2 million, net of tax) in the first quarter related to one-time severance benefits and other costs related to the realignment. We expect to incur additional charges of \$2.0 - \$4.0 million, or \$1.3 - \$2.8 million, net of tax, primarily during the second quarter of 2017.

To read the full release, please [click here](#).

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Arena Solutions Closes Record Quarter

2 May 2017

Arena Solutions today announced that Q1 2017 was another record quarter for the company, driven by continued strong growth in both new customer acquisitions and current customer expansion.

New customer subscription value grew by 86 percent in Q1 2017 over the same period in 2016, while also besting the prior Q4 2016 record. The company additionally gained a record number of new customers — 59 percent more than it gained a year ago, with particular strength in winning larger enterprise customers. Total bookings grew 30 percent year over year, and the company's net new annuity for the quarter grew by 134 percent, an enormous testament to the rapid adoption Arena is experiencing in the marketplace.

Leading innovative industries such as high tech, medical device and consumer electronics – including 250 customers in the nascent IoT space – rely on Arena's cloud-based solution to organize the work of electrical, mechanical, firmware and software engineers. They do so not only because it's powerful, affordable, simple to deploy and easy to use, but also because it provides a unified product development platform. As a result, Arena customers get unparalleled visibility both upstream and downstream across all cross-functional stakeholders for regulatory compliance, and exacting quality precision while reducing time-to-market.

New customers in Q1 2017 include:

- Advanced ION Beam Technology, Inc. is propelling the high performance devices of 28 nm logic and communications chips for the mobile world.
- Bioptigen, an eye imaging medical device developer.
- Dedicated Computing, a global technology company committed to solving the business problems of their customers through the design, development and deployment of innovative technology solutions for both OEMs and enterprises.
- Digi International, a leading global provider of mission-critical machine-to-machine (M2M) and Internet of Things (IoT) connectivity products and services.
- Fontem US, an innovative consumer goods company, developer of leading e-cigarette brand, blu, as well as a lifestyle energy brand Reon.
- Proterra, a leader in the design and manufacture of zero-emission electric buses that reduce fleet operating costs and eliminate dependency on fossil-fuels.
- TearScience, Inc. is dedicated to identifying, diagnosing and treating MGD, the leading cause of dry eye, with an FDA-cleared solution that restores gland function.
- Tile, maker of a tiny Bluetooth tracker and easy-to-use app that helps find everyday items in seconds.
- Vapotherm, the inventor of heated high flow nasal cannula therapy.

CIMdata PLM Industry Summary

“Our customers are all innovating and producing higher quality products faster and at a lower cost than ever using our cloud-based solution,” said Mike Etheridge, Arena’s Vice President of Finance. “It is rewarding to see the past and ongoing investments we have made in new products, functionality, and interoperability validated in the marketplace, both by new customers and existing customers who continue to expand usage at a record pace.”

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Aspen Technology Announces Financial Results for the Third Quarter of Fiscal 2017

2 May 2017

Aspen Technology, Inc. today announced financial results for its third quarter of fiscal year 2017, ended March 31, 2017.

Antonio Pietri, President and Chief Executive Officer of AspenTech, said “AspenTech reported third quarter fiscal 2017 financial results that exceeded expectations from a revenue and profitability perspective. The demand from our owner-operator customers offset the impact of continued macroeconomic challenges facing engineering and construction and upstream customers.”

Pietri continued, “Last week we hosted our biennial OPTIMIZE 2017 user conference, which was focused on Asset Optimization. Customers showed strong interest in the direction of our engineering and manufacturing and supply chain products and the significant value those solutions can capture from increased asset efficiency. A highlight of the conference was the positive customer reaction to our new Asset Performance Maintenance (APM) suite, which expands AspenTech’s capabilities into the maintenance of the physical asset by leveraging reliability analysis, machine-based learning, and prescriptive analytics. We are excited by the opportunity for APM and believe it can be an important contributor to growth in the coming years.”

Pietri concluded, “At the same time, we continued to utilize our strong cash flow to generate value for shareholders via our share buyback program, which in the third quarter surpassed \$1 billion in cumulative repurchases since the program began in fiscal year 2011.”

Third Quarter Fiscal 2017 Business Highlights

Annual spend, which the company defines as the annualized value of all term license and maintenance contracts at the end of the quarter, was approximately \$452 million at the end of the third quarter of fiscal 2017, which increased 4.9% compared to the third quarter of fiscal 2016 and 0.3% sequentially.

GAAP operating margin was 43.8%, compared to 42.5% in the third quarter of fiscal 2016. Non-GAAP operating margin was 48.1%, compared to 49.7% in the third quarter of fiscal 2016.

AspenTech repurchased 1.7 million shares of its common stock for \$100.0 million in the third quarter of fiscal 2017.

Summary of Third Quarter Fiscal Year 2017 Financial Results

AspenTech’s total revenue of \$119.3 million included:

Subscription and software revenue was \$111.7 million in the third quarter of fiscal 2017, consistent with \$111.7 million in the third quarter of fiscal 2016.

Services and other revenue was \$7.6 million in the third quarter of fiscal 2017, an increase from \$7.5 million in the third quarter of fiscal 2016.

CIMdata PLM Industry Summary

For the quarter ended March 31, 2017, AspenTech reported income from operations of \$52.3 million, compared to income from operations of \$50.7 million for the quarter ended March 31, 2016.

Net income was \$35.8 million for the quarter ended March 31, 2017, leading to net income per share of \$0.47, compared to net income per share of \$0.40 in the same period last fiscal year.

Non-GAAP income from operations, which adds back the impact of stock-based compensation expense, amortization of intangibles associated with acquisitions, acquisition-related expenses and non-capitalized acquired technology was \$57.4 million for the third quarter of fiscal 2017, compared to non-GAAP income from operations of \$59.3 million in the same period last fiscal year. Non-GAAP net income was \$39.4 million, or \$0.52 per share, for the third quarter of fiscal 2017, compared to non-GAAP net income of \$40.9 million, or \$0.49 per share, in the same period last fiscal year. A reconciliation of GAAP to non-GAAP results is included in the financial tables included in this press release.

AspenTech had cash and marketable securities of \$101.7 million and borrowings of \$140.0 million at March 31, 2017.

During the third quarter, the company generated \$55.6 million in cash flow from operations and \$56.2 million in free cash flow.

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Autodesk Extends Invitation to Join Financial Results Conference Call

1 May 2017

Autodesk, Inc. today announced that it will broadcast its first quarter fiscal 2018 financial results conference call live via its website Thursday, May 18, 2017 at 2:00 p.m. Pacific Time. Autodesk will host a live webcast call at www.autodesk.com/investors. An audio replay webcast and podcast will also be available after 5:00 p.m. Pacific Time on our website at www.autodesk.com/investors. For more information, please call Autodesk Investor Relations at 415-507-6373.

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PROS Holdings, Inc. Reports First Quarter 2017 Financial Results

2 May 2017

PROS Holdings, Inc. today announced financial results for the first quarter ended March 31, 2017.

CEO Andres Reiner stated, “We continue to see momentum in our business with a strong start to 2017, driven by 49% growth in subscription revenue. More customers are adopting our machine learning solutions to power modern commerce, realizing value and expanding quickly. We also grew total revenue year-over-year, reaching a key milestone less than two years into our cloud transformation. It’s exciting to see our vision unfold as we execute on our mission of helping customers outperform.”

First Quarter 2017 Financial Highlights

Key financial results for the first quarter 2017 are shown in tables at their website. All dollar figures are in millions, except net loss per share. Unless otherwise noted, all results are on a reported basis and are compared with the prior-year period.

To view the tables accompanying this announcement, please [click here](#).

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SAP Announces First Quarter 2017 Results

25 April 2017

SAP today announced its financial results for the first quarter 2017 ended March 31, 2017.

First Quarter 2017

SAP's rapid cloud expansion continued in the first quarter. New cloud bookings¹ surged 49% (44% at constant currencies) in the first quarter and reached €215 million. IFRS cloud subscriptions and support revenue grew 34% year-over-year to €905 million. Non-IFRS cloud subscriptions and support revenue grew 34% year-over-year (30% at constant currencies) to €906 million. IFRS software revenue grew 13% year-over-year to €691 million. New cloud and software license order entry² grew by more than 30% year-over-year in the first quarter. IFRS cloud and software revenue was €4.33 billion, an increase of 12% (9% non-IFRS at constant currencies). Total cloud subscriptions & support revenue and software support revenue was 69% of total revenue.

IFRS operating profit was down 17% to €673 million. Non-IFRS operating profit grew 8% to €1.20 billion (2% at constant currencies). IFRS earnings per share decreased 9% to €0.43. Non-IFRS earnings per share increased 15% to €0.73. The IFRS operating profit and EPS were primarily impacted by an increase in share-based compensation expenses, which increased due to the strong development of SAP's share price and an increase in employee participation. Nearly 65% of SAP employees have participated in SAP's most recent stock program OWN SAP.

Operating cash flow was €2.87 billion, an increase of 16% year-over-year. Free cash flow increased 12% year-over-year to €2.58 billion. As a result, the company continues to deleverage its balance sheet ending the quarter with net debt of €460 million, an improvement of €2.8 billion year over year.

To read the full press release, please [click here](#).

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Implementation Investments

Pratt & Whitney Standardizes on ANSYS Engineering Simulation

2 May 2017

ANSYS announced today that Pratt & Whitney has signed a new agreement, giving it access to ANSYS' leading engineering simulation and services.

A division of United Technologies Corporation, Pratt & Whitney is a world leader in the design, manufacture and service of aircraft engines and auxiliary power units.

"The new agreement with ANSYS will increase collaboration across Pratt & Whitney's global teams to help us more efficiently solve some of our most complex engineering challenges," said Steve Morford, vice president, Core Systems Engineering at Pratt & Whitney. "In turn, that enables us to reduce expensive physical testing and accelerate product development."

"For nearly a century, Pratt & Whitney has led the industry with cutting-edge aircraft engines," said Shane Emswiler, vice president of product development, ANSYS. "We are honored to work with this

true innovator over the years and look forward to strengthening our relationship through the power of engineering simulation."

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Sun City Chooses YuniquePLM® In The Cloud – Displaces Legacy PLM System

3 May 2017

Gerber Technology today announced that Sun City, Fashion for Humanity chose YuniquePLM In The Cloud to increase flexibility and productivity. Sun City is the fashion under license source for Europe. They pride themselves on being flexible, efficient and fast – delivering on trend fashion for their customers.

Sun City sought a platform to manage its large, diverse licensed collections to give them visibility of a garment's status in the supply chain at any given time during its transformation through connected systems – from concept to the consumer.

"The implementation of YuniquePLM In The Cloud will save us on infrastructure and implementation costs," said Sally Barget, operations and purchase director at Sun City. "Our team will be able to increase productivity by having all the data of a collection at their fingertips and, with this new system, we will always have the latest functionality since upgrades are simple."

Sun City is starting the implementation of YuniquePLM In The Cloud with the iconic New Man Division. This division was previously utilizing a different solution. They are also implementing the YuSnap mobile app to help with images during fitting sessions, helping to further collaboration and data integration with their teams. "We made the change because of a more intuitive and flexible interface with additional functionality," continued Barget.

Sun City is a partner to the largest European brands in all sectors of the market including: multi-brand stores, e-commerce, specialists, department stores and mail order. They serve major European brands like Tesco, Carrefour, Primark, Disney and Amazon.com, with their licensed collections.

"Adding Sun City to the YuniquePLM In The Cloud family is a great addition to the portfolio of fashion and apparel brands recognizing the benefits of employing cloud technologies in their businesses," stated Bill Brewster, vice president and general manager, enterprise software solutions for Gerber Technology. "This solution is helping companies around the world reduce their infrastructure costs while increasing productivity and flexibility across their organization."

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Vattenfall Selects Tata Consultancy Services as Strategic Partner

2 May 2017

Tata Consultancy Services (TCS) has been selected by one of Europe's largest utilities companies - Vattenfall - to provide IT services across multiple European operations, including Sweden, Germany and the Netherlands.

As the Swedish state-owned company seeks to harness the scale of its operations across the region, the agreement will enable Vattenfall to rapidly progress its strategic objective of delivering a more flexible and agile operation.

CIMdata PLM Industry Summary

The Managed Services agreement is a multi-year partnership in which TCS will be responsible for the development and maintenance of a large number of applications. Enabled by over 8,500 utility industry consultants, TCS will support the company address the industry challenges posed by deregulation and market convergence, the impetus to deliver a sustainable energy portfolio mix, micro-generation and a digital environment that empowers consumers.

Jens Zerbst, CIO, Vattenfall, said, “The energy industry in Europe is undergoing significant market change and we also have rapid shifts driven by digital disruption and innovation. This presents an exciting opportunity for companies like ours as we reposition our services to empower consumers. In doing so we seek partners that can help us achieve more flexibility to meet these evolving needs. With TCS as a partner we expect a support to strengthen Vattenfall’s position, enabling new digital solutions that put customers in focus and ultimately help deliver the continued growth of our operations across Europe”.

Amit Bajaj, chief executive, TCS Europe, commented, “Our goal is to help organisations be more agile so they have the flexibility to rapidly adapt to a changing business environment. We live in a fast-paced world and large companies with complex IT infrastructures require systems that can match evolving needs and help them realise the opportunities of the digital economy. Drawing on our deep level of expertise and experience from many different sectors, this partnership will see us support Vattenfall achieve some of its most important strategic business objectives as it continues to grow and innovate across the region. We’re thrilled to be embarking on this journey with them”.

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Product News

Cadence Introduces First Interface and Verification IP Solution for CCIX to Advance New Class of Datacenter Servers

2 May 2017

Cadence Design Systems, Inc. today announced the industry's first interface and verification IP solution for Cache Coherent Interconnect for Accelerators (CCIX), an open chip-to-chip interconnect standard that advances the development of a new class of server solutions to address the challenging performance and latency requirements in the growing datacenter market. The Cadence® IP for CCIX, which consists of controller, PHY and verification IP, allows semiconductor manufacturers to develop new products for the enterprise server market more quickly and with greater confidence. The new IP for CCIX further extends the Cadence IP portfolio and Cadence Verification Suite technology, key components of the company's System Design Enablement strategy.

The proliferation of data-intensive applications along with the constraints of power and cooling are driving datacenters to deploy servers incorporating special-purpose accelerators. These accelerators share memory with processors in a cache-coherent manner and enable a heterogeneous server architecture to seamlessly share data with current speeds up to 25Gbps, reducing latency and increasing performance.

Supported by industry leaders, CCIX is a comprehensive hardware and software solution that builds on the pervasive PCI Express® (PCIe®) technology. The CCIX standard allows processors based on different instruction set architectures to extend the benefits of cache-coherent peer processing to various acceleration devices.

CIMdata PLM Industry Summary

"ARM recognizes that the new CCIX specification supporting cache coherency is extremely important to the enterprise ecosystem," said Monika Biddulph, general manager, Systems and Software Group, ARM. "Together, the Cadence IP for CCIX and the ARM® CoreLink™ CMN-600 Coherent Mesh Network provide a scalable, heterogeneous compute platform with high performance multichip connectivity that will enable innovative solutions for applications such as machine learning, network processing, storage off-load and analytics."

The Cadence Interface IP for CCIX is an integrated solution for CCIX based on the PCIe 4.0 specification. The integrated solution for CCIX includes controller, PHY, software drivers, scripts for design and verification, simulation models and user guides. The entire package is pre-verified using Cadence verification IP for CCIX.

"CCIX enables a new class of interconnect for emerging acceleration applications in the datacenter," said Gaurav Singh, chairman of the CCIX Consortium. "We are pleased to see Cadence taking a leading role in providing early access to IP products to accelerate CCIX adoption among our member companies."

The Cadence Verification IP for CCIX supports the Cadence Xcelium™ Parallel Logic Simulator and third-party simulators. It also supports all major languages and methodologies and is used to verify all CCIX specification levels including PHY, transaction and cache coherency. The Cadence Interconnect Validator works with the verification IP for CCIX to ensure correctness and completeness of data as it passes through the fabric.

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CGTech Unveils Additive Manufacturing in VERICUT at RAPID + TCT Show

1 May 2017

CGTech will introduce its Additive Manufacturing (AM) simulation capabilities at the RAPID + TCT Show, May 9 -11. VERICUT's Additive module simulates both additive and traditional machining capabilities of hybrid CNC machines.

CGTech works with its customers and technology partners to solve AM challenges including: accurate laser cladding and material deposition, detecting collisions between the machine and additive part, and finding errors, voids, and misplaced material.

"Additive Manufacturing applications create new possibilities for manufacturers," said Gene Granata, VERICUT Product Manager. "Adding this technology to VERICUT provides unique solutions that address the needs of our customers in the rapidly expanding AM market."

Scheduled for release in early fall, VERICUT 8.1 adds the ability to identify potential problems that can occur when integrating additive methods. Simulation uses the same post-processed NC code used to drive the CNC machine. Users can virtually experiment with combining additive and metal removal processes to determine optimal safe hybrid machining production methods.

"This gives our customers a competitive edge to redefine current production technology," said Granata. "VERICUT's realistic simulation of the entire hybrid process enables customers to verify the part will be built correctly, without causing damage to the part, machine, or expensive laser equipment."

Stop by booth #2541 to see a demonstration of VERICUT's Additive module.

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HPE Unveils New Tool to Help Users Prepare for Looming Data Protection Standards

3 May 2017

Hewlett Packard Enterprise (HPE) Software today is releasing the GDPR Starter Kit, helping organizations take the first step to prepare for the European Union's upcoming General Data Protection Regulation (GDPR) standards.

This bundled set of software solutions assists organizations to automatically identify, classify, and take action to secure information that falls under this regulation.

The upcoming GDPR rules apply to any entity that collects or processes EU citizen data, and imposes harsh penalties for those that do not comply by May 2018.

"Getting started may be the greatest challenge for many organizations, as data volumes often number in the billions of objects, timeframes are constrained, and determining what falls within these regulations can be cumbersome and complex," said Joe Garber, vice president marketing, Information Management & Governance, HPE Software. "The GDPR Starter Kit provides customers with an easily integrated solution set for assessing data, allowing them to take the first step in addressing data and risk management outlined in the regulation."

The GDPR Starter kit combines software, including HPE ControlPoint, HPE Structured Data Manager, HPE Content Manager and HPE SecureData in bundled solutions to help customers conduct a Personal Data Assessment and optionally encrypt data that is subject to these regulations.

This tool allows users to automate assessment of structured and unstructured data, quickly and cost effectively enable GDPR-responsive data to be encrypted in an automated fashion to mitigate security breaches, and take a critical step toward lifecycle and retention management to enable compliance with additional GDPR articles and corporate governance requirements.

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ModuleWorks Releases 2017.04 CAD/CAM Components

2 May 2017

ModuleWorks announces the latest release of its CAM components, ModuleWorks 2017.04, the first major update of 2017. Each ModuleWorks release contains many new and enhanced features across the product range. This latest version includes new features for 5-Axis, 3-Axis, TurnMill, Turning and Simulation.

ModuleWorks is at the forefront of 5-Axis machining and simulation technology, providing the toolpath and simulation technology that powers many of the leading CAM systems available around the world today.

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New Mentor FloTHERM XT release simulates complex geometries with ease, speed and accuracy

2 May 2017

Mentor, a Siemens business, today announced the latest release of the FloTHERM® XT electronics cooling software product with advanced thermal management capabilities. Based on the electronics cooling DNA of the Mentor market-leading FloTHERM technology and the FloEFD™ CAD-centric

CIMdata PLM Industry Summary

philosophy, the award-winning FloTHERM XT product is the industry's first integrated mechanical design automation (MDA) and electronic design automation (EDA) electronics cooling solution. This latest version of the FloTHERM XT product offers new functionalities developed from customer feedback to effectively simulate thermal effects of complex geometries.

Key capabilities in this new FloTHERM XT release include simulation of spinning parts in electronic enclosures; temperature-dependent power simulation; enhanced "Design of Experiments" parametric studies functionality to determine best design coverage; and thermal territory simulation when using various component materials. These features are important for electronics devices used in the transportation, aerospace, defense, and consumer electronics markets.

"When we switched to FloTHERM XT from our previous CFD tool, we cut our analysis time in half. Even with increasingly accelerated development schedules, we have time to perform trade-off studies to optimize the thermal design," said Tim Fleury, manager of thermal analysis and environmental test, Mercury Systems, Inc. "The CAD import and adaptive meshing combination feature in this new FloTHERM XT release is paramount."

The FloTHERM XT product can be used at all stages of the electronic design process, from design concept through manufacturing. Its CAD-centric technology and robust mesher simulates complex geometries with ease, speed, and accuracy for improved product quality and reliability.

Key Features in the FloTHERM XT Release:

Thermal specialists and design engineers can take advantage of key features of the latest release of FloTHERM XT:

- **Explicit Models for Spinning Parts:** The new sliding mesh capability easily meshes the rotation region to accurately simulate the effects of spinning parts such as fans and rotors used in electronics enclosures.
- **Temperature-Dependent Power Simulation:** When attached to an object or planar source, the FloTHERM XT software will use the object's own average temperature goal to adjust the applied power. This feature was developed from customer feedback.
- **Thermal Territory Simulation:** This new feature is critical for detailed copper "under the component" designs, used to draw heat away from that component – proving an accurate simulation methodology.
- **Enhanced Parametric Study Functionality:** The addition of a "Design of Experiments" scenario table allows users to set up a number of studies to ensure the best coverage of the design field. These scenarios can also be sent to remote machines with more capacity. The addition of this key enhancement was based on customer feedback.
- **Improved User Interface:** Enhancements to the user interface make it easier to set model parameters and find mesh controls for improved thermal design predictability.
- **Design Tool Integration:** Two approaches are available for tool interoperability in this release. Files can be directly imported through the FloEDA Bridge module with ease-of-use features such as undo/redo, access to power displayed in tree, and the graphical representation of component types. The second approach uses a neutral file format allowing the user to interact with the setup of a model outside of the standard interface.

"The latest release of FloTHERM XT is based on listening to our customers and delivering the optimum

CIMdata PLM Industry Summary

thermal simulation solution to address their thermal design challenges," stated Roland Feldhinkel, general manager of the Mentor Mechanical Analysis Division. "Our continued investment in FloTHERM XT will allow our customers to verify and prototype their designs with greater ease and confidence. These new features are vital for electronics systems designers who are creating innovative, high-performance products for the transportation, mil-aero and automotive industries."

The new FloTHERM XT product with standard functionality is now shipping. The FloTHERM XT Ultra option, with advanced capabilities such as transient analysis, and the FloTHERM FLEXX for users with an existing FloTHERM or FloTHERM XT license are also available today.

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New Versions of Ideate BIMLink for Revit Now Available

1 May 2017

[Ideate Software](#), a veteran Autodesk Developer Network member, announced today that it launched its 2017 spring releases of [Ideate BIMLink for Revit](#), which include the new 2018 version and enhancements to the features of Ideate BIMLink 2017 and 2016. These solutions are designed to work with Autodesk® Revit® 2015, 2016, and 2017, and the timing of the updates aligns with the Autodesk launch of Revit 2018.

Ideate BIMLink is a Revit add-on solution developed by Ideate Software to dramatically reduce the time spent on BIM data management tasks. With it, users pull information from Revit files into Microsoft Excel for easy editing and then push it back into Revit with speed, ease and accuracy.

"Throughout the year, we listened as our customers explained building information modeling challenges," said Glynnis Patterson, director of software development, Ideate Software. "In direct response to that feedback, our software developers created enhancements to Ideate BIMLink."

Enhancements in these latest versions that save time, increase accuracy, improve project deliverables, and elevate design include the ability to:

- Create new Revit Revision Data (Sequences) from an Excel spreadsheet and edit much of that data within Excel
- Create Model Groups Link definitions within Revit
- Review and edit line pattern information from a Line Style link
- Read Room and Space data across linked files

Also:

- Additional information reporting for Material images
- A lower room calculation point
- A new Search box in the New Link Category dialog
- An advanced visual feature to the Import Dialog

"The improvements included with our spring 2017 releases demonstrate our ongoing commitment to our clients; we continuously develop extensive, high-quality information solutions that increase the productivity of BIM managers, Revit users, and Revit project teams, and that increase the return on the

CIMdata PLM Industry Summary

company's software investment," said Bob Palioca, president, Ideate Software.

Ideate BIMLink for Revit carries a five-star rating on the Autodesk App Store and is available with a non-commercial free trial.

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OpenText Enhances Release 16 to Digitize Business Processes and Manage Information from Engagement to Insight

[3 May 2017](#)

OpenText™ today announced Release 16 Enhancement Pack 2 (EP2), the second enhancement pack for OpenText Release 16, the company's comprehensive, integrated digital information platform that enables customers to digitize any business process and manage information flows across the digital enterprise. With the new enhancements, OpenText Release 16 continues to facilitate the flow of information for the digital enterprise from customer engagement to deep business insight across the OpenText portfolio of software and its ecosystem.

With Release 16, OpenText delivered new user interfaces for increased usability, along with more intelligent search, embedded analytics and reporting, and mobility for better experiences. Focused on cloud optimization, mobility, smart UI, automation, flexibility, self-service, and creative collaboration, EP2 is designed to provide customers with productivity enhancements as well as deeper and broader integration within the OpenText platform and with other leading business applications.

"Today's disruptive digital technologies, such as the Internet of Things and the Intelligence of Things, have radically transformed both enterprise and consumer spaces, re-shaping our expectations of how we work, collaborate, and conduct business," said Mark J. Barrenechea, OpenText CEO and CTO. "Our capacity to generate and collect information is greater than ever before, and deriving meaningful insight from that information is the next major transformative activity for business. With OpenText Release 16, we offer customers deeper insights into the information flowing inside and outside of the company to open up new possibilities in their business and set the stage for success."

"The additional enhancements offered through OpenText Release 16 enable a significant step forward in enterprise information management," said Muhi Majzoub, executive vice president of Engineering at OpenText. "OpenText empowers our customers to manage and secure their information flows both inside and outside the organization. With Release 16 EP2, we offer customers the features and enhancements they need to take their digital transformation strategy further and uncover valuable insights in their information that will lead their business to success."

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PTC Enhances Vuforia Platform for Tango-Enabled Devices

1 May 2017

PTC today announced from Vision Summit that the Vuforia® platform will support devices based on Tango, a set of sensors from Google, for development of a new generation of interactive AR experiences. The Vuforia AR platform uses advanced computer vision technology to enable digital content to be placed in real-world environments.

Today, most AR content is associated with a specific object such as a toy, catalog or piece of machinery.

Content is typically triggered by the object, and does not have the ability to interact with surfaces in the surrounding environment such as the floor, walls, furniture, fixtures, etc. This lack of interaction remains a barrier to a wide range of room-scale AR experiences.

The Vuforia Smart Terrain® feature addresses this challenge by providing developers with an easy-to-use representation of the physical environment. Vuforia Smart Terrain delivers a hierarchy of objects and surfaces similar to a scene graph, but designed for AR development. This environmental scene graph is created dynamically and can include objects defined by a developer, as well as objects and surfaces reconstructed from the environment. For example, toys can now come alive and roam a child's playroom; furniture can pop out of a catalog to redecorate any room in the house.

Originally announced in 2014, Smart Terrain was designed to make use of a new generation of depth-aware camera technologies, such as those in Tango. The Lenovo Phab 2 Pro and ASUS ZenFone AR are the first commercial smartphones with this capability and signal a new generation of devices that are expected to deliver a dramatically improved AR experience, and lead to further AR innovation and adoption.

"We are excited for the announcement of Vuforia's Tango support, which will allow more developers to take advantage of improved AR tracking and 3D reconstruction using Vuforia's Smart Terrain feature," said Eitan Marder-Eppstein, engineering manager, Google. Vuforia Smart Terrain describes the environment geometrically, but over time can describe the environment semantically to enable further creative power for developers and designers.

"Vuforia Smart Terrain will help realize the potential for devices with 3D camera technologies by making them easy to use for AR developers," said Jay Wright, president, Vuforia. "We're providing developers a huge leap in creative freedom, and we can't wait to see what they do with it."

Vuforia Smart Terrain for Tango is expected to be available for Unity later this year.

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Renesas Electronics America, Intrinsic ID, and Medium One Introduce Complete Sensor-to-Cloud Platform to Simplify Secure IoT Development

1 May 2017

Renesas Electronics America Inc., Intrinsic ID, and Medium One today announced their collaboration on the RX231 Wi-Fi Cloud Connectivity Kit. Based on Renesas' popular RX231 Group of 32-bit microcontrollers (MCUs), the new evaluation kit incorporates Intrinsic ID's "root-of-trust" SRAM PUF technology and Medium One's cloud services and IoT workflows. This combination provides developers a quick and easy method to evaluate the IoT capabilities of RX231 MCUs and on-chip peripherals with an out-of-the-box platform for home appliances, industrial automation, and medical applications.

"Security and connectivity go hand in hand, and as more connected devices come online, developers are looking for the holy grail of embedded design – secure, authenticated Wi-Fi connectivity for their product platforms that is easy to implement," said Semir Haddad, Director of Marketing, MCU and MPU Product Solutions, Renesas Electronics America. "Working together, Renesas, Medium One, and Intrinsic ID are bridging the complexity gap with a cost-effective board-to-cloud platform with integrated root-of-trust IoT authentication that enables developers to rapidly build out their IoT platforms with confidence."

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“Embedded and cloud developers who have traditionally worked in different environments with different platforms and tools now have the added complexity of operating in each other’s fields,” said David Thai, President and CEO of Medium One. “The new RX231 Wi-Fi Connectivity Kit makes that task easier, bringing the combined capabilities of Renesas’ best-in-class hardware, Medium One’s data intelligence software, and Intrinsic ID’s IoT authentication capability to speed access to intelligent data analytics and implementation.”

“Working with industry leaders Renesas and Medium One, we have delivered a board-to-cloud developer kit, complete with working sample code for SRAM-PUF-based authentication,” said Pim Tuyls, CEO of Intrinsic ID. “Using the new RX231 Wi-Fi Kit, IoT developers can bypass the often lengthy parts assembly and test environment building processes, and immediately dive into development, speeding up time to market for their secure IoT solutions.”

About the RX231 Wi-Fi Cloud Connectivity Kit

The Renesas RX231 Group of MCUs provides the framework of the new RX231 Wi-Fi Cloud Connectivity Kit. Featuring a 32-bit RXv2 CPU core with improved DSP/FPU and low-power consumption technology, RX231 MCUs allow designers to realize extreme power efficiency for their IoT applications. The kit comes pre-programmed with an IoT Authentication demo that provides users with firsthand experience at establishing a root of trust for their systems. The kit uses state-of-the-art Intrinsic ID PUF technology working in conjunction with hardware-based Trusted Secure IP and the security functions available in the Renesas RX231 MCUs and powered by Medium One’s cloud-based computing and data intelligence platform.

The RX231 Wi-Fi Cloud Connectivity Kit also comes pre-programmed with a Smart Machine demo that allows developers to easily set up a cloud platform with dashboards and analytics for streaming real-time data to their account. The combination of Renesas’ powerful RX231 MCU, Intrinsic ID’s IoT Authentication, and Medium One’s Smart Machine demo with accelerometer deliver a pre-configured platform that is easy to use and dramatically accelerates IoT development cycles.

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