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CIMdata News

CIMdata and the Institute for Process Excellence (IpX) Announce Strategic Partnership

11 September 2018

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, and the Institute for Process Excellence (IpX) today announced a strategic partnership to provide end-to-end business and digital transformation training, services, and cross-industry platforms.

To achieve successful transformation businesses must invest in world-class education, services, and industry platforms that reshape legacy business processes and systems. The backbone of the industrial future consists of a proper network of people, processes, data, and enabling systems cohesively communicating within an integrated enterprise. To evolve, enterprises require unbiased end-to-end assessment, tailored executive advisement, world-class workforce development, and comprehensive service platforms.

Under this partnership, CIMdata and IpX will launch several new industry initiatives. These joint programs will provide organizations with the tools and services they need to solve the most complex challenges facing global enterprises.

CIMdata's President, Mr. Peter Bilello stated, "Despite advancements, many companies are still spending significant time and money tackling the pain points of digital transformation so that they can fully realize the potential value and its place within their enterprise architecture. CIMdata is pleased to partner with IpX in the development of a new generation of professional education programs, best-in-class services, and industry platforms. IpX has rich domain expertise in complex industry sectors, and when paired with the expertise of CIMdata, it will provide an effective option for companies looking to achieve high-value transformation."

Speaking about the partnership, Mr. Joseph Anderson, Vice President for IpX said, "The mission of IpX is to provide the True North for our industry clients to achieve their transformation strategy, improve their core business operating model, embrace the digital wave, maximize efficiency, and implement sustainable growth initiatives. The partnership with CIMdata will provide a full suite of educational and solution services built upon a foundation of industry experience. This will allow CIMdata and IpX industry clients to efficiently and effectively solve the issues affecting global businesses. Stay tuned, the news on this alliance is just beginning."

For more information on this strategic partnership between IpX and CIMdata please contact Cheryl Peck at c.peck@CIMdata.com.

About IpX

IpX is best known for the creation of the industry changing CM2 certification program initiated in 1986 started by Vince Guess and Ken Black. Today, CM2 is the global industry standard for enterprise configuration and change management. IpX's workforce development sector is the premier worldwide

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educational resource for configuration management, systems engineering, enterprise excellence and high-performance culture training with courses offered in seven languages.

The global services sector ensures their clients achieve enterprise excellence through a unique combination of industry leading application strategies coupled with business engagement experts that provide needed enthusiasm for change by infusing the mission throughout the enterprise. IpX provides the True North for the journey toward transformation of the people, processes, systems, and data of the organization.

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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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CIMdata's Practice Manager, Tom Gill, to be featured in a Webinar on CAD Visualization

10 September 2018

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that Mr. Tom Gill, CIMdata's Practice Manager for PLM Enterprise Value and Integration, will take part in a webinar entitled, "Modern CAD Visualization Solutions." The webinar will show how modern CAD visualization software can be used to help engineers and non-engineers alike collaborate on design data.

Webinar attendees will learn the answers to the following questions about visualization software:

- What is the business value of modern visualization solutions?
- What are the key capabilities of a successful visualization software?
- How scalable is CAD visualization in the enterprise?

The webinar, which is sponsored by HCL, will take place on Tuesday, 9 October at 11:00 EDT and will last one hour. To register or learn more, visit <https://www.cimdata.com/en/events/cimdata-supported-events/event/417-webinar-modern-cad-visualization-solutions>

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Experts on Blockchain and Additive Manufacturing from Moog, Inc. to Present at CIMdata's PLM Road Map™ EMEA 2018 Conference

14 September 2018

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that Mr. James van Oss, A&D PLM Strategist and Architect in the Aircraft division of the Space and Defense Group at Moog, Inc. and Mr. Peter Kerl, Engineering Systems Manager, at Moog, Inc., will each make a presentation at PLM Road Map EMEA 2018. This one-day event will be held in collaboration with PDT Europe. The events will take place on 24 & 25 October at Le Meridien Hotel in Stuttgart, Germany. The theme for PLM Road Map is "Digitalizing Reality—PLM's role in enabling the digital revolution."

Mr. van Oss' presentation, "Additive Manufacturing Enabled Supply Chain," will show how some of the key attributes of Blockchain lend it to provenance in the supply chain, product lifecycle management (PLM), and digital thread definition. Some key problems, benefits, and solutions in these areas using Blockchain technology will be shared. Mr. van Oss will also discuss Moog Inc.'s (Moog) VeriPart® solution. VeriPart integrates Additive Manufacturing, Blockchain, and PLM—possibly for the first time ever.

Mr. van Oss works with the PLM program, additive manufacturing, and Blockchain projects in the Aircraft division of Moog's Aerospace and Defense Group. Since joining Moog in 1984, Mr. van Oss has held a number of positions including; Engineering Manager for Spacecraft Fluid Controls, Group Vice President and Chief Information Officer, Manager of Engineering Applications, Section Head of Design Engineering, and Design Engineer. Prior to joining Moog, Mr. van Oss spent two years at Strippit Houdaille as a Design Engineer.

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In the second presentation, Mr. Peter Kerl will take attendees through Moog's additive manufacturing journey. The presentation, “Additive Manufacturing at Moog,” will cover strategic decisions around metal additive manufacturing at Moog. It will also explore how people, process, and tool paradigms are being affected.

Mr. Kerl joined Moog in 2001 as a Product Engineer and has nearly 25 years of engineering related experience. Mr. Kerl has worked on numerous aerospace programs including the Space Shuttle and Mars Science Laboratory. Currently, Mr. Kerl is responsible for group-wide engineering services, tools, and standard processes and is also the co-sponsor of the Aerospace and Defense PLM Program. Mr. Kerl started his career in the office furniture industry in mechanism product design and is co-author of four utility patents.

PLM Road Map EMEA, in collaboration with PDT Europe, is the must-attend event for PLM industry leaders and PLM practitioners globally—providing independent education and a collaborative networking environment where ideas, trends, experiences, and relationships critical to the industry germinate and take root.

For more information see <https://www.cimdata.com/en/education/plm-conferences/2018-plmrmeurope-pdt/2018-plmrmna-about-plmrm>

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The Head of ABB's Engineering Applications Centre of Expertise to Present at CIMdata's PLM Road Map™ EMEA 2018 Conference

13 September 2018

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that Mr. Mikko Jokela, Head of the Engineering Applications Centre of Expertise at ABB, will present at PLM Road Map EMEA 2018. This one-day event will be held in collaboration with PDT Europe. The

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events will take place on 24 & 25 October at Le Meridien Hotel, Stuttgart, Germany. The theme for PLM Road Map is “Digitalizing Reality—PLM's role in enabling the digital revolution.”

To enable digitalization opportunities and benefits requires fully-fledged, end-to-end information management processes. Breaking organizational silos and enabling the right information, in the right place, and at the right time, requires a new way of thinking about engineering and PLM. MBx, CLM, PLM, and SCO interfaces with the integration of the physical and digital models and modeling processes will open up a new world for more efficient, predictable, and faster customer-oriented business. In his presentation, “PLM - CLM Axis is vital for the Digitalization of the Product Process,” Mr. Jokela will consider PLM’s role in the digital revolution. He will also share his views on how to move from the old to the new along with some of the challenges and differentiators experienced in a variety of industries.

Mr. Jokela has 15 years of experience in implementing PLM, CLM, and CAD-related processes and information management. Currently, he is Head of the Engineering Applications Centre of Expertise leading the ABB design and engineering applications delivery organization. In this role he combines local and global needs to new business opportunities supporting engineering IS landscape.

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Professor Dr.-Ing. Martin Eigner to make a Keynote Presentation at CIMdata's PLM Road Map™ EMEA 2018 Conference

11 September 2018

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that noted PLM expert, Dr.-Ing. Martin Eigner will make a keynote presentation at PLM Road Map EMEA 2018. This one-day event will be held in collaboration with PDT Europe. The events will take place on 24 & 25 October at Le Meridien Hotel, Stuttgart, Germany. The theme for PLM Road Map is “Digitalizing Reality—PLM's role in enabling the digital revolution.”

In a mid-range vehicle, there are over 100 vertical mechatronic and cybertronic systems. Each system consists of up to 30 subsystems. Today, these vertical systems are each assigned to a specific system supplier who has mechatronic development competence. In his presentation, Dr. Eigner will consider what benefits could be derived if the systems were horizontally networked. For example, a much higher consumer benefit would arise if the Adaptive Cruise Control were networked with the Navigation and Steering System. The presentation will show that in order to implement this interconnectivity, automotive OEMs need to take on the Mechatronic Architecture competency and design and network horizontal systems at an upper level of the system architecture.

Professor Eigner is an expert in Product Lifecycle Management (PLM) and Model-Based Systems Engineering. After graduating from the University of Karlsruhe (Germany) in 1980, Professor Eigner was head of Technical Data Processing in a division of Robert Bosch GmbH. In 1985 he founded EIGNER + PARTNER INC., which was later sold to ORACLE. In 2003 he founded EIGNER Engineering Consult, a consulting company for the optimization of engineering processes with a focus on PLM.

From 1984 Professor Eigner has been lecturing at universities and has authored or co-authored 13 books and several papers on CAD/PDM/PLM, IT in Engineering, and Model-Based Systems Engineering. Until recently, Professor Eigner was the chair of Virtual Product Development at the University of Kaiserslautern in Germany.

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Safran's Chief Digital Officer for Product and Services to Present at CIMdata's PLM Road Map™ EMEA 2018 Conference

12 September 2018

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that Mr. Daniel Dubreuil, the Chief Digital Officer for Products and Services at Safran, will make a presentation at PLM Road Map EMEA 2018. This one-day event will be held in collaboration with PDT Europe. The events will take place on 24 & 25 October at Le Meridien Hotel, Stuttgart, Germany. The theme for PLM Road Map is “Digitalizing Reality—PLM's role in enabling the digital revolution.”

Digital Transformation is seen as the next step in the evolution of PLM. However, Digital Transformation goes beyond PLM, exploiting a company's PLM resources in a much broader business context where PLM is at the center. To achieve these new possibilities PLM resources must evolve to become more accessible, understandable, and flexible to serve a broader range of business uses. At a time when many still wonder whether Digital Transformation is real or just the latest buzzword, CIMdata research suggests that industry is taking the promise of Digital Transformation very seriously. In his presentation, “Value Creation through Synergies between PLM and Digital Transformation,” Mr. Dubreuil will present the key issues and strategies for the successful integration of PLM and Digital Transformation.

Mr. Dubreuil started his career at Airbus, Toulouse where he was involved in engineering and production on the A300/A310 assembly line and Pylon Plant. He then joined Digital Equipment Corporation as a Marketing Manager for Aerospace before joining Airbus Missiles (now MBDA) where he served as Chief Information Officer and the Director of the Components and Equipment business unit. After returning to Airbus Commercial Aircraft he held the position of Plant Director and Project Leader for the A380 Final Assembly Line in Toulouse. After that assignment ended he became Industrial Director of Airbus Helicopters, later rejoining Airbus Commercial Aircraft as Deputy Quality Director, and then moving on to the position of Director of the A380 Task Force. In May 2011 he joined Safran as Group Chief Information Officer and in November 2016 as he was appointed Safran's Chief Digital Officer for Product and Services.

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Acquisitions

Deloitte Acquires Magnetic's Artificial Intelligence Platform Business

10 September 2018

Deloitte announced today the acquisition of Magnetic Media Online, Inc.'s artificial intelligence platform business. Magnetic is a marketing technology company headquartered in New York City. The acquisition signals the strategic importance of enhanced investments in AI, machine learning (ML), and audience data analytics. The acquisition will help make Deloitte Digital's Experience Services platform both smarter and faster. It also signals the continued focus on delivering clients better data management capabilities, AI and machine learning-driven insights, and the ability to turn insights into action through Deloitte Digital's creative capabilities and software alliances. This will allow for more relevant content, better customer experiences and more accountable growth for clients.

"People's expectations for how brands should interact with them are higher than ever. They expect companies to provide interactions that are both personalized and have real-time relevancy in every channel," said Scott Mager, principal, Deloitte Consulting LLP and leader of Deloitte Digital's advertising, marketing and commerce practice. "We're helping our clients make the shift from siloed advertising and marketing to real-time cross-channel experiences that are consistent across media, web, mobile, social and in the call center, with a store associate, or at the register."

"To enable an end-to-end experience, our clients need to collect, analyze, and integrate their audience and customer interaction data across the enterprise. By combining Magnetic's audience data capabilities with Deloitte Digital's customer data experience, we can help our clients do just this inside their own environment, designed to give them full control and transparency," said Angel Hollis Vaccaro, principal, Deloitte Consulting LLP and Deloitte Digital's Experience Services offering leader. "Add on Magnetic's

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AI/ML capabilities alongside Deloitte's software alliances, and you have real-time decisioning that can deliver the right content, to the right person, at the right time—across any channel."

Founded in 2008, Magnetic is a privately-owned adtech and targeting business driven by AI technology. Magnetic specializes in machine learning to determine the optimal channel, timing, message and content for each consumer interaction. Magnetic's powerful AI platform analyzes the attributes of more than 350 million live user profiles alongside real-time inventory supply and bid opportunities to deliver high performing marketing campaigns.

"We are excited to have Magnetic's product and engineering team join forces with Deloitte, and we know our unique machine learning expertise will help take customer engagement for marketers to a whole new level," said Corey Ferengul, executive chairman and CEO, Magnetic. "We're passionate about bringing cutting-edge solutions to clients and helping them succeed. Together, we will build on this commitment by helping brands of all sizes engage more effectively with their consumers and create positive, profitable, long-lasting customer relationships."

Magnetic's product and engineering employees will join Deloitte Digital's Experience Services group based across a variety of offices.

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Company News

Accenture Ranks No. 1 on Thomson Reuters Index of World's Most Diverse and Inclusive Companies

6 September 2018

[Accenture](#) has been named the top company on the [Thomson Reuters Diversity & Inclusion Index](#), which recognizes the 100 most diverse and inclusive companies in the world, according to Thomson Reuters ESG (Environmental, Social and Governance) data. The Index, established in 2016, is one of the most comprehensive measures of workplace inclusion and diversity practices.

"At Accenture, our commitment starts at the top with our board and extends across every dimension of the company," said Pierre Nanterme, Accenture's chairman and CEO. "We embrace our rich diversity as a 'culture of cultures,' which is all about our 449,000 people around the world living our shared core values, while bringing our own unique skills and experiences to make the maximum contribution to our clients and our business."

To compile the Index, Thomson Reuters assessed publicly available data for more than 7,000 publicly traded companies around the world. The companies were measured on 24 separate metrics across four key categories: Diversity, Inclusion, People Development and News Controversies. The Index was then calculated by weighing each metric based on importance in the market and how each company compares with its peers.

"We believe that diversity is a source of innovation, creativity and competitive advantage and creates a workplace where everyone feels equally accepted with a real sense of belonging," said Ellyn Shook, Accenture's chief leadership and human resources officer. "Our commitment is unwavering and a

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testament to our people, who truly own our inclusion and diversity agenda through their actions every single day. This collaboration among our people, clients and communities continues to accelerate progress and foster a culture of equality where everyone can grow and thrive.”

Among the actions Accenture has taken to further its progress toward a more inclusive and diverse workplace, which Thomson Reuters considered in the Index, are:

- Creating a diverse board of directors. Accenture’s board of directors is diverse in terms of its geographic and gender representation, with people from six countries across four continents and four women, including its lead director.
- Advancing workplace equality. The company set a goal of having women comprise 50 percent of its global workforce by 2025. Today, women comprise 41 percent of the company’s workforce and 45 percent of new hires.
- Developing talent. The company invested US\$935 million in learning and professional development last year, including substantial investments in re-skilling to help its people stay relevant in key areas such as cloud, artificial intelligence and robotics.
- Committing to transparency. The company provides its workforce data in many countries. For example, Accenture was the first professional services company to voluntarily publish comprehensive workforce demographics – including gender, ethnicity, persons with disabilities and veterans – in the United States.

“At Thomson Reuters, we understand that focusing on total societal impact is fundamental to driving long-term financial success,” said Patsy Doerr, global head of corporate responsibility and inclusion at Thomson Reuters. “Creating the workforce of the future means building diverse teams which attract the best and brightest from around the world. The Diversity & Inclusion Index helps investors and analysts identify the companies that are getting this right, helping them to make investment decisions that align with their values and the bottom line.”

The Thomson Reuters ranking is the latest in a series of inclusion and diversity recognitions for Accenture, which is committed to ensuring that all of its people – regardless of age, ability, ethnicity, gender, gender identity and expression, religion or sexual orientation – have the opportunity to succeed. Among the dozens of lists on which the company has been included in the past year are: Corporate Responsibility Magazine’s 100 Best Corporate Citizens globally; the Disability Equality Index in the U.S.; DiversityInc’s Top 50 Companies for Diversity in the U.S.; the Human Rights Campaign’s Corporate Equality Index; Nikkei Top 100 Companies for Women in Japan; The Times Top 50 Employers for Women in the UK; and Working Mother & AVTAR’s 100 Best Companies for Women in India.

To learn more about inclusion and diversity at Accenture, visit www.accenture.com/diversity.

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Blue Prism and Celonis Join Forces to Accelerate Enterprise Automation Initiatives

13 September 2018

[Blue Prism](#) and [Celonis](#) today announced a partnership, which will see both companies jointly market their respective solutions. The partnership will help customers accelerate their digital transformation by automating mission critical business processes while providing them with analytical insights to increase productivity, drive operational efficiencies, develop better customer experiences and deliver new services.

Joint customers like [Siemens](#) are using Celonis to deliver visibility into how processes are running, allowing them to take a guided approach to Blue Prism's RPA implementation and monitoring.

Blue Prism provides enterprises with unprecedented capacity to automate and scale mission-critical work processes. That's because unlike Robotic Process Automation (RPA) offerings based on scripting technology which are prone to errors and re-recording, Blue Prism provides a business-led and highly secure digital workforce platform. Leveraging proven artificial intelligence (AI) and cognitive services from the world's most innovative companies through a comprehensive ecosystem, Blue Prism's Digital Workforce delivers flexibility, long term value and true operational agility.

Process Mining is used to gain visibility into existing process flows with a detailed analysis of process metrics. By combining process mining with RPA, businesses can effectively overcome many of the challenges inherent to any automation initiative. With Celonis, companies can quickly audit current processes to highlight actions and activities with the highest automation potential, and subsequently build, test, and deploy RPA in a faster and more controlled fashion. After Blue Prism has been deployed, organizations can leverage Celonis to continuously monitor and manage all interactions within their business processes to operationalize change.

By combining Blue Prism with Celonis enterprises can:

- Evaluate business processes with instant visualization of as-is processes
- Identify process automation opportunities with highest business impact and potential for ROI
- Understand RPA business cases based on company data
- Reduce project risk with complete process transparency at all phases of the RPA implementation
- Measure, sustain, and adapt their digitized processes over time to further drive operational efficiency.

“Our partners like Celonis are helping bring about a sea change in the way customers think about automation. Together we demonstrate the power of automation when coupled with insights that can help generate long-term sustainable business value and an undeniable ROI,” said Colin Redbond, Head of Technology Strategy for Blue Prism. “Working with Celonis, we share a common vision for enabling enterprises to drive new innovations by taking advantage of the latest automation capabilities inherent in our intelligent digital workforce, while ensuring that it is done in a sustainable, scalable way.”

“Business leaders know that successful automation initiatives drive top line value, and bottom line profits, while mitigating risk,” said Marc Kinast, VP Global Business Development, Celonis. “We've seen firsthand that organizations often struggle to understand the maturity of their processes, and to decide which processes are standardized enough to benefit from RPA. Process Mining provides a much smoother and more controlled ‘process-first’ approach to automation, and this approach enables

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customers to efficiently and effectively transform business operations with powerful analytics and intelligent automation.”

Blue Prism complements the workplace with an elastic, multi-faceted and multi-talented digital workforce, helping organizations automate and scale business processes via AI, machine learning, intelligent automation and sentiment analysis. This digital workforce, being utilized by more than 1,000 organizations worldwide across 42 vertical industries, eliminates vendor lock-in by providing access to the best of breed AI technologies and Intelligent Automation skills through the company’s [Technology Alliance Program \(TAP\)](#) that transforms how organizations can leverage technology to deliver true operational agility.

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PTC Announces LiveWorx 19 Call for Papers; Open Through October 12

13 September 2018

PTC announced that it will host the [LiveWorx® 19](#) digital transformation conference in the heart of [Boston](#) from June 10-13, 2019. More than 7,000 technologists, leaders, experts, industry evangelists, and influencers from over 70 countries are expected to attend the premier digital transformation conference. The award-winning LiveWorx event provides a dynamic framework to meet, share, explore, and learn about how cutting-edge technologies are transforming the physical and digital worlds.

LiveWorx 19 will feature over 240 sessions, covering more than 100 different topics across 12 unique content tracks, including augmented reality, IIoT, Industrie 4.0, digital engineering, robotics, AI, data security, and blockchain. [Call for Papers](#) has begun. If you would like to share your expertise with a deeply interested, high-level audience, [learn more here](#) and [begin your submission process](#). Presentation proposals must be completed by October 12, 2018.

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Siemens and ACM announce expanded partnership to advance the next generation of connected vehicles

6 September 2018

The American Center for Mobility (ACM) is excited to announce its second partnership with Siemens. Siemens Intelligent Traffic Systems (ITS) will now provide approximately \$1 million in state-of-the-art ITS infrastructure, software, and engineering support to aid ACM in developing real-world testing and validation of connected and automated vehicles (CAVs). The newest agreement between Siemens and ACM adds physical infrastructure, software applications, and analytics to the Virtual Simulation and Testing solutions provided by Siemens PLM, announced earlier this year. Under the terms of this new agreement Siemens ITS will also have a seat on ACM’s Industry Advisory Board (IAB).

"This expanded partnership with Siemens enables ACM to be outfitted with the best infrastructure and applications to benefit our testers," said Soraya Kim, Chief Innovation Officer of the American Center for Mobility. "Our goal is to provide our testers the means for exhaustive validation methodologies and comprehensive regulations for the safe deployment of connected vehicle technologies – something I am

CIMdata PLM Industry Summary

confident this extended partnership accomplishes."

"Michigan has done an incredible job of ensuring its position as a leading technology hub for future transportation solutions, and the American Center for Mobility is an important cornerstone of that effort," explained Marcus Welz, CEO of Siemens Intelligent Traffic Systems. "As a company that is transforming today's digitalized environment for many different transportation applications, we realize the importance of being involved with the type of research and testing that is happening at this center and its eco-system."

Dave Lauzun, Vice President of Automotive & Transportation Industries at Siemens PLM added, "Now, having both our virtual and physical assets at the Center will ensure a comprehensive validation of today's – and tomorrow's – mobility ecosystem."

Siemens joins a long list of companies supporting ACM, including its founders AT&T, Visteon Corporation, Toyota, Ford and Hyundai America Technical Center Inc., and sponsors Microsoft, Subaru of America, Inc., and Adient; and partners Microsoft, Intertek and Deloitte.

Siemens intelligent Traffic Systems, a leader in Connected Vehicle and intelligent transportation technologies, is working with cities including [Tampa, FL](#) , [New York, NY](#), [Las Vegas, NV](#) and [Ann Arbor, MI](#) to design and deploy these types of intelligent systems. Siemens is also a member of the USDOT Affiliated Test Bed for Connected Vehicle technologies, a group pursuing wide-spread deployment of wireless communication systems between vehicles and road infrastructure.

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Events News

DATADVANCE User Conference 2018

11 September 2018

DATADVANCE announces the annual User Conference that will be held in Toulouse, France on the 10-11th of October 2018. The Conference traditionally brings together the representatives from a variety of industries and job functions and DATADVANCE experts to share experiences in design optimization, data analysis, and predictive modeling, exchange ideas on the latest trends and discuss the industry challenges.

DUC 2018 comprises:

- Updates and roadmap of pSeven development, showcased by the live demos.
- Keynote speakers' presentations:
 - "Artificial Intelligence and Data Sciences in Digital Transformation of Orano" by Jean-Luc Delcuvellerie, Digital Innovation & Transformation Program Director, Orano, and
 - "Simulation, Digital Twin and the Big Data Challenge" by Dr. rer. nat. Zeljko Cancarevic, Head of Simulation and Innovation, Georgsmarienhütte GmbH.
- First-hand customer experience – confirmed speakers from TOTAL, ORANO, LEONI, Airbus Operations SAS.

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- Networking dinner and individual tour to the Aeroscopia Museum on the evening of October 10th. Participants will discover more than 30 legendary aircraft, board Concorde, explore the Airbus A300 B and its' transparent floor, and watch the documentary projected inside the Super Guppy.
- pSeven workshop on the 11th of October (optional). Participants will get acquainted with basic pSeven capabilities for Design Space Exploration including:
 - Design Optimization
 - Multidisciplinary Workflow Setup
 - CAD/CAE Integration

All participants will also get a 30-day pSeven demo license for introductory purposes.

Participation in the conference is FREE. For more information, go to:

<https://www.datadvance.net/blog/events/2018/datadvance-user-conference-2018.html>

Registration required: www.datadvance.net/blog/events/2018/datadvance-user-conference-2018.html#registration

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Majenta Solutions and Elysium: Improve and optimise 3D data for seamless process integration

14 September 2018

For IT/CAD/PLM managers, Design/Engineering Heads, Analysis Engineers and anyone struggling to exchange, validate, migrate or simply re-use CAD data or whose teams are facing these challenges:

Date: 2nd October

Time: 09:30

Location: Coventry

Address: Manufacturing Technology Center (MTC), Ansty Park, Coventry, CV7 9JU.

Cost: Free of charge

Full agenda to be announced.

9.30am registration opens coffee and pastries served

10 am event start

10-11 am presentations

11 am coffee

11.15-12.15pm demonstrations

12.15 pm lunch

1-2 pm guest speakers

2 pm event close, Q&A, Tea and Coffee

3 pm event end.

<https://www.majentasolutions.com/events/improve-and-optimise-3d-data-for-seamless-process-integration/>

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Financial News

SAIC Announces Second Quarter of Fiscal Year 2019 Results

10 September 2018

Science Applications International Corporation (SAIC) today announced results for the second quarter ended August 3, 2018.

“With our fourth quarter of consecutive revenue growth, SAIC delivered strong second quarter results including increased profitability and contract bookings,” said SAIC CEO Tony Moraco. “Our long term strategy, Ingenuity 2025, that we began executing two years ago and in advance of an improved market environment, positions SAIC well to create value for our customers and shareholders.”

Revenues for the quarter increased \$37 million, or 3.4%, compared to the prior year quarter due to increased orders in our supply chain portfolio (\$31 million) and revenue on new contracts primarily supporting NASA and other federal civilian agencies (\$24 million). These increases were partially offset by completion of contracts and other net decreases across our portfolio (\$18 million).

Operating income as a percentage of revenues increased to 6.6%, compared to 5.5% for the prior year quarter, driven by improved performance across our portfolio and the continued realization of cost efficiencies.

Net income for the quarter increased \$13 million as compared to the same period in the prior year due to higher operating income.

Adjusted EBITDA(1) as a percentage of revenues for the quarter increased to 7.5%, compared to 6.7% for the prior year quarter, driven by improved performance across our portfolio and the realization of cost efficiencies resulting from our restructuring activities in fiscal 2018.

Diluted earnings per share was \$1.13 for the quarter. The weighted-average diluted shares outstanding during the quarter was 43.2 million shares.

(1) Non-GAAP measure, see Schedule 5 for information about this measure.

Cash Generation and Capital Deployment

Total cash flows used in operating activities for the second quarter were \$12 million, compared \$35 million used in operating activities during the same period in the prior year. The improvement is primarily due to prior year delayed collections caused by a government payment system issue, partially offset by an increase in working capital investments in platform integration programs.

During the quarter SAIC deployed \$22 million of capital, consisting of \$13 million in cash dividends and a \$9 million term loan repayment. No plan share repurchases were made during the quarter as SAIC evaluated alternative capital deployment opportunities including the pending acquisition of Engility.

To view full results, including financial tables, please visit <https://investors.saic.com/press-release/financial/saic-announces-second-quarter-fiscal-year-2019-results>

[!\[\]\(3cf084882489248c66b41ee5d191c91e_img.jpg\) Click here to return to Contents](#)

Implementation Investments

Centric Software Selected by Yuanshang Fashion for its PLM

11 September 2018

Yuanshang Fashion (Yuanshang), the Chinese company behind the Sedate and Osnic brands, has selected Centric Software to provide its Product Lifecycle Management (PLM) solution.

Founded in 1999 in Guangzhou, South China, Yuanshang owns the Sedate and Osnic women's fashion brands. Sedate is a chic and elegant brand, known for its use of textured fabrics, embroidery and decorative elements. Osnic offers a fun and casual selection of clothing, embodying a carefree lifestyle. Yuanshang has 200+ owned stores and 300+ franchised stores in mainland China with over 20% YOY growth.

Yuanshang's business has grown rapidly, and as a result, the Sedate brand began to encounter challenges.

"After fast growth over the past 20 years, Sedate faced challenges in product management and material management," says Mrs. Yang Ping, at Yuanshang. "Merchandising plans could not be quickly adapted to the fast-changing market and designers were struggling with fabric material issues. We also needed to improve internal and external collaboration with a backbone IT platform."

Yuanshang made contact with Centric Software in April 2017, seeking a potential PLM vendor for Sedate. The selection process began in October 2017, considering several global and local competitors, before Yuanshang chose Centric PLM.

"Centric PLM covers all the key modules of product management we require and offers a very flexible and quick implementation," explains Mrs. Yang Ping. "It's extremely configurable and user friendly. The Centric team is professional and down to earth which is exactly what we are looking for. We share the same values."

As Mrs. Yang Ping says, "Yuanshang has put a lot of effort into building an IT infrastructure because we believe it will support our long-term growth strategy. We are looking forward to great success with the Centric PLM implementation. It will help solve existing pain points by building standards for merchandising and data management."

"It's a long-term partnership," concludes Mrs. Yang Ping. "Centric PLM is like our secret weapon and we are determined to use it for the best results."

"We are very proud to announce that Yuanshang Fashion is our latest partner in China," says Chris Groves, President and CEO of Centric Software. "We're delighted to partner with Yuanshang as they embark on the next 20 years of growth."

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Sandhar Adopts Dassault Systèmes 3DEXPERIENCE Platform to Improve End-to-End Product Development

6 September 2018

Dassault Systèmes today announced at the 3DEXPERIENCE Forum 2018 in New Delhi that Sandhar, an Indian engineering company and a leading automotive tier one supplier to global automotive OEMs, has deployed Dassault Systèmes' 3DEXPERIENCE platform to accelerate their new product development process.

The adoption of the 3DEXPERIENCE platform and the “[Bid to Win](#)” industry solution experience provides Sandhar with a centralized business experience platform for synchronizing multisite projects, development changes, product data and components management. This enables multidisciplinary design and engineering and ensures program consistency, visibility and traceability across the company's manufacturing plants in India.

Today, automotive companies and suppliers are facing several challenges with business diversification. These include expanding their customer base and portfolio, and innovating new products, while keeping in mind the changing market trends and customer needs worldwide. Additionally, as the companies expand their global footprint and enter into newer markets, they need to produce best-in-class competitive and environment-friendly technology with zero defect design and production. Therefore, they require efficient and cost-effective manufacturing, lower procurement costs, leveraged local intellectual assets and rationalized engineering and production resources.

Sanjay Maindiratta, Head Corporate IT, Sandhar said, “At Sandhar, we believe in constantly innovating our product development process to meet our customers' requirements. We adopted the 3DEXPERIENCE platform as our PLM backbone and in a span of three years, we have gained significant business benefits. It helps in managing multiple versions of the data coming from different native CAD tools and reusing them effectively. It helps in managing new product development processes including tracking and tracing the timelines and deliverables related to NPD and APQP processes. It is effective in change management in handling frequent changes coming from customers as well as internal process improvements. Lastly, it is agile in bid management and in responding to RFQs effectively within time.”

Samson Khaou, Managing Director, India, Dassault Systèmes said, “The ‘Bid to Win’ industry solution experience based on the 3DEXPERIENCE platform is specifically targeted at automotive suppliers pursuing market expansion. It enables organizations to increase innovation, product portfolio development planning efficiency and quality. By orchestrating people, schedule and deliverable and consolidating enterprise and engineering data, it enables standardization, which has a huge impact on cost reduction as well.”

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Sicame Group Selects PTC's ThingWorx for Remote Monitoring and Real-Time Insight

12 September 2018

PTC today announced that [Sicame Group](#) has selected PTC's [ThingWorx®](#) Industrial Innovation Platform to remotely monitor and gather operational intelligence, enabling meaningful insights and enhanced product performance more quickly than using traditional methods.

Established in France over 50 years ago, Sicame Group now operates in 23 countries and distributes its products in 120 countries. The company designs, manufactures, and distributes surveillance, security, and asset optimization products and services, such as street lighting and telecommunications, mechanical accessories, electrical accessories, and junction boxes for PV solar panels.

To help position itself as a key player in the IoT and Smart Grid field, Sicame Group worked with PTC partner 4CAD to develop a strategy that offered its customers new services. With the IoT and its implementation of ThingWorx, the Sicame Group will be able to communicate with its products remotely and, through the embedded analytics function of the ThingWorx Platform, monitor real-time data, predict future events incidents and conditions, and optimize the products' performance.

“We continuously seek ways to enhance the capabilities of our products and perfect the customer experience, which is why moving forward with a sound IoT strategy is essential,” said Pierre Williams, director of innovation, Sicame Group. “We selected PTC partner 4CAD to guide us in implementing the best solutions to achieve our goals. ThingWorx will monitor the performance of our products remotely and provide valuable digital insight. This newly gained data will bring significant value to our customers and help them optimize their investments.”

The ThingWorx Platform enables the rapid development and deployment of robust applications and experiences that monitor, manage, and control connected devices. This proven industry-leading, award-winning platform helps industrial companies unlock the value associated with the convergence of the physical and digital worlds.

“Leveraging ThingWorx positions the Sicame Group to deliver robust IoT-enabled solutions to its customers,” said Iain Michel, general manager ThingWorx IoT, PTC. “We are delighted that Sicame has selected ThingWorx to help support its IoT strategy, and commit to its success.”

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TXT Retail, an Aptos Company, Signs First Customer in the Philippines, Golden ABC

12 September 2018

TXT Retail today announced that international fashion enterprise [Golden ABC](#) will roll out the TXT Retail solution to manage its end-to-end merchandise lifecycle, from [merchandise financial planning](#), open to buy, [assortment planning](#), [forecasting](#), [allocation and replenishment](#) to [product lifecycle management](#).

The solution will be deployed across all of Golden ABC's product range, online and in physical channels, including more than 900 points of sale throughout Asia.

Founded in 1986, Golden ABC is a multi-awarded international fashion retail enterprise that is home to top proprietary brands PENSHPPE, OXYGEN, FORME, MEMO, REGATTA and TYLER.

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It also operates RED LOGO, a wholly owned direct selling subsidiary. Originating in the Philippines, Golden ABC now has a presence in Indonesia, Cambodia, Vietnam, Myanmar, Hong Kong, Malaysia, Taiwan, Singapore, Thailand, Brunei, Macau, Bahrain and the Kingdom of Saudi Arabia.

"With the vision of being the most admired Asian fashion brands company, we create, market and sell our own clothing, accessory, footwear and personal care lines," explains Mr. Jefferson de Leon, Vice President, Operations Division at Golden ABC.

"We were looking for a solution vendor that could support us at every phase of the merchandise lifecycle, from concept to customer," Mr. de Leon said. "With its end-to-end retail solution and deep process understanding, we found in TXT Retail a best match to our requirements and a strategic partner to support our journey."

Golden ABC will manage with TXT Retail the full spectrum of its planning and PLM processes, from design, product development and sourcing to merchandise financial planning and open-to-buy and localizing assortments, taking into account market and channel-specific requirements and events.

Forecasting, allocation and replenishment round out the offering, supporting Golden ABC's in-season planning process, which includes optimizing product availability and inventory levels across locations.

"In a context of strong domestic and international growth, speed and offer personalization are of the essence," added Mr. de Leon. "Through better collaboration between PLM and all aspects of planning, preseason and in season, the TXT Retail solution will help us further streamline and accelerate the go-to-market process while always providing an optimal product selection and curated assortments to our shoppers."

"We are proud to partner with a company such as Golden ABC that not only has a strong vision and talented team but has been multi-awarded for advocating culture, education and community building, sharing with Aptos a commitment to common values," said Aptos CEO and culture leader Noel Goggin.

"This deal in a vibrant economy such as the Philippines is extremely strategic to us marking another important milestone as we keep developing our presence in APAC, including the flourishing Southeast Asian markets," added Goggin.

Golden ABC will leverage the TXT AgileFit deployment methodology, which accelerates deployment and time to benefits, thanks to reference processes and a preconfigured optimized solution framework honed through TXT Retail's experience with hundreds of customers globally.

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Product News

AgilePQ Secures IoT Endpoints with Key Partner

12 September 2018

AgilePQ announced the successful integration and implementation of its revolutionary AgilePQ SLiM (Secure Last IoT Mile) security platform with iBot Control Systems. The collaboration between AgilePQ and iBot enables end-to-end secure data in transit from the smallest endpoint devices to the cloud. AgilePQ's platform technology enables iBot's customers to transform business models and

CIMdata PLM Industry Summary

monetize untapped IoT assets requiring absolute security to the evolving IoT edge.

The AgilePQ SLiM solution secures end-to-end data in transit and bidirectional communications of constrained (e.g., Class 0, 1, 2) devices with full security, deploying a key space that is hundreds of orders of magnitude larger than AES-256/TLS. Millions of resource-constrained devices are being deployed without data security, exposing them to a multitude of risks. The small footprint of AgilePQ's SLiM technology (less than 2.4 KB) is the only solution that delivers full quantum computing-resistant security for the proliferation of connected, low-cost, battery-powered, memory-constrained endpoint IoT devices.

AgilePQ SLiM was designed and engineered for the new computing paradigm of resource-constrained IoT devices. It operates at speeds up to 8x faster than AES/TLS legacy systems, while consuming 50% less energy. SLiM is delivered to AgilePQ customers as a fully provisioned and documented deployment tool that has been integrated into multiple major microprocessor families and platforms (e.g., Intel, TI, ARM, MIPS, Espressif, Arduino, etc.), all major programming languages and operating systems, and with all major cloud services (e.g., Microsoft Azure, IBM Bluemix, etc.).

Commenting on the successful implementation of the SLiM solution with iBot, AgilePQ CEO, Paul Clayson, said, "With broad global growth of intrusion by bad actors into corporate, government, and consumer networks through newly deployed IoT devices, the security discussion has moved from the engineering conference rooms to the Board room. Until the launch of AgilePQ SLiM, no fully provisioned security solution for Class 0 and Class 1 devices existed. iBot's integration and successful implementations into products of Global 500 companies provides a global model for protecting valuable network assets with resource-constrained endpoint devices planned or deployed without a secure last IoT mile."

iBot builds meta-products called connected processors using a combination of electronics, telecommunications, firmware, and cloud capabilities to help makers create connected experiences for themselves and their customers. iBot Founder and CEO Ravi Subramanyam remarked: "Our world-class enterprise IoT hardware and cloud platform needed an equally world-class security architecture that would stand up not only to today's needs, but also in a post-quantum era. Our partnership with AgilePQ allowed us to speed up security delivery across the cyber-physical space at low power requirements and reduced cost to ensure secure operations across our product portfolio today and into the future."

AgilePQ is working with multiple companies, governments, solution providers, integrators, application enablement platforms, and OEMs to integrate SLiM into future product offerings for secure IoT solutions.

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Altair Introduces Open Source and Free Basic Editions for Model-Based Development Offerings

12 September 2018

[Altair](#) announces the release and immediate availability of free Basic Editions of its Model-Based Development suite and its open matrix language (OML) source code. To help innovators everywhere accelerate the time-to-benefits from Model-Based Development (MBD) and to make MBD more open and accessible, Altair is taking the following steps:

1. Building upon its strong reputation of providing open-architecture simulation solutions by open-

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sourcing its computational programming language, OML. Interested users and contributors can download the source code from the [OpenMatrix website](#).

2. Introducing Basic Editions of its [MBD suite of software products](#) – Altair Compose™, Altair Activate™, and Altair Embed™ – available to everybody at no cost, with free training videos available online via Altair’s open [Learning Center](#). There are no license fees, nor any subscription or maintenance fees.

The necessity for Model-Based Development is increasing as today’s products and devices become increasingly complex with interconnected systems involving mechanical, electrical, and software components and sub-systems. However, adoption of MBD has been heavily constrained to-date by simulation software tools’ licensing and cost structures as well as proprietary formats.

“From the beginning, Altair’s MBD solutions have involved open standards like Python scripting, Modelica® modeling, and Functional Mock-up Interface (FMI),” said Brett Chouinard, President of Altair. “Altair is now open-sourcing its open matrix language – a high-level, matrix-based numerical computing language – to encourage interested scientists and engineers to expand the language, add toolboxes, and employ it for their math modeling and simulation tasks. Opening up our scripting language to the worldwide community will allow us and our community members to actively collaborate to keep up with the ever-increasing pace of technology changes.”

“Model-Based Development is a key enabler for the most innovative product development organizations. Altair’s bold move to lower the barrier-of-entry to usage and broaden the community has the potential to significantly disrupt the systems modeling and simulation market,” noted Don Tolle, Director of Simulation-Driven Systems Development Practice at CIMdata. “We are delighted to see Altair making its Model-Based Development technology accessible to more engineers around the world by open-sourcing their open matrix language and by making Basic Editions of their software products available at no cost,” added Professor Giancarlo Genta, Department of Mechanical and Aerospace Engineering, Politecnico di Torino.

These highly capable Basic Editions have no limitations with respect to model size and are available to everybody – including students, course instructors, researchers, hobbyists, makers, and engineers in industry. For example, the Basic Edition of Altair Compose enables access to the entire open matrix language, including bridges to Python, using the easy-to-use Compose Integrated Development Environment (IDE). More advanced features and professional support are available via Professional Editions, which extend the Basic Edition capabilities by enabling access to the valuable Altair HyperWorks™ CAE Readers – making it easier to post-process, visualize, and perform mathematical operations on data from CAE or physical tests.

To learn more about the open matrix language visit the [OpenMatrix website](#). To download free Basic Editions, visit <https://www.altair.com/mbd2019/>.

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Boost Time-to-Insights and Reporting Efficiencies with Latest Sopheon Release

28 August 2018

CIMdata PLM Industry Summary

Sopheon today released the latest version of its Accolade® Enterprise Innovation Management solution.

Markets are more turbulent and competitive than ever and companies must act swiftly at all levels of their organization, or otherwise risk costly failures. Executives, managers and team members alike need trusted, cross-functional information at their fingertips to quickly make informed decisions to speed both execution work and strategic decision making.

Accolade 12.1 supports individual users in easing their daily work, helping them be more efficient and productive, as well as providing organizations and executives with more transparency and decision-making insights.

Easing the Load for Individual Users

This new Accolade release helps knowledge workers significantly reduce time spent on capturing, managing and preparing data for meetings, decisions and reporting. Enhanced integration and new automations reduce or prevent manual work, supporting knowledge workers in completing their work more easily and quickly, and surfacing more timely and meaningful analytics-driven insights for their own use or for sharing up and down the chain of command to drive swift and informed executive decisions.

Increased Transparency, More Valuable Decision Insights

The new release also increases transparency by surfacing highly-valued data and context for personal work planning, portfolio management, resource utilization, capacity planning and gate meetings. Enhanced reporting leveraging auto-generation improves user experience and work efficiency while delivering more valuable decision insights for both knowledge workers and executives.

"Parker has chosen to take advantage of Accolade's great new capabilities in navigating and visualizing key metrics around portfolio management. These drive the best possible clarity for our key business segments across the corporate hierarchy as they make strategic investment decisions," said Bill Beane, Senior Director of Corporate Technology Ventures and Innovation Systems at Parker Hannifin Corporation. "We find the ability to model and evaluate various portfolio scenarios to be particularly compelling, supporting our efforts to implement the optimal mix of investment vs reward and overall alignment to goals."

"Sopheon's Accolade decision-support system helps megabrands like P&G, BASF, Conagra Brands, PepsiCo, Parker Hannifin, Covestro, Honeywell and Electrolux better connect strategy and operational execution to realize corporate value faster and increase organizational transparency," said Andy Michuda, Sopheon CEO. "Accolade release 12.1 boosts these benefits, increasing speed to insight thanks to improved user value, automation and analytics."

Accolade 12.1 is available immediately for upgrade, purchase and implementation. All Sopheon Accolade customers who are current on Maintenance and Support program fees are entitled to receive updates to their currently licensed products for this and future release upgrades. New capabilities in Accolade 12.1 are also available to customers with Accolade Express for PPM deployments.

Implementation services may be required.

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C Spire Launches eSIM Management Technology with G+D Mobile Security

13 September 2018

G+D Mobile Security is providing C Spire with eSIM management solutions to their customers.

[C Spire](#) is an advanced technology company that delivers customer-inspired, nationwide wireless network services, business solutions, and 1-Gbps Fiber to the Home and related services (Internet/HDTV/VoIP). With eSIM enabled devices, C Spire customers will be able to activate and manage their device subscriptions with ease anytime and anywhere.

Next generation-connected devices that do not rely on a pluggable SIM but are instead capable of connecting to cellular networks via eSIM technology are becoming more widely available. The devices include, but are not limited to, smart watches, tablets, cars, and some smart home devices. [G+D Mobile Security](#) is a leader in providing carrier-unique credentials for these devices securely over-the-air, both in the number of network operators supported and the overwhelming majority of eSIMs distributed into devices in the market.

[G+D Mobile Security's eSIM management](#) platform provides C Spire customers secure, seamless and on-demand connectivity throughout the lifecycle of their devices. The increased flexibility helps enhance the customer experience. Customers can remotely register devices and add or remove services at their convenience – reducing the need for customer service intervention.

C Spire started as a local exchange carrier and has grown to become a diversified telecommunications and technology services company that operates the nation's largest privately-held mobile communications unit. "We are committed to providing our customers with the best products and services," said Charles D. Watson II, vice president of Product Development for C Spire. "The future of connectivity and connected devices means we must provide customers with remote, on-demand access to their devices. We're pleased to partner with G+D to offer the market-leading eSIM management technology to our customers."

"Our unparalleled experience in eSIM management is driving the market toward a new norm, where remote provisioning and lifecycle management of devices will become commonplace," says Edgar Salib, President and Americas Regional Head of G+D Mobile Security. "We are pleased to support C Spire's initiative with eSIM management to further their relationships with their consumer clients."

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Cubic Launches IoT Platform

12 September 2018

Cubic Telecom today announced the launch of its next-generation platform, the Global Connectivity Management Platform offered as a Service. With the platform now available to IoT device manufacturers worldwide, the ability to connect any object anywhere and enable any connected application has become a reality. The first devices hosted on the platform are already being managed in Europe, the USA, and South Korea, with the rollout of locally compliant service to continue across all regions.

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This unique platform solution brings industry-first capabilities, including standards-based remote SIM provisioning use and cloud-native advanced connectivity management functions such as zero-touch device registration and connectivity activation across different mobile networks, regions and regulatory conditions.

With the number of cellular IoT connections set to reach more than 3.5 billion by 2023¹, manufacturers and providers of connected devices and IoT applications expect these connected services to work anywhere in the world. Cubic Telecom's next-generation IoT platform has entirely new integration capabilities, making it easy for device manufacturers from an array of different industries to deliver a truly global connectivity solution to end-users through one global SIM and one platform.

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Fujitsu Launches Liquid Immersion Cooling System That Lowers Total Cost of Ownership

7 September 2018

Fujitsu today announced that it will begin sales of its Fujitsu Server PRIMERGY Liquid Immersion Cooling System in Japan today, with a global rollout to follow.

This product is a cooling system designed to efficiently cool the entire IT devices equally by immersing it in cooling fluid. Large-scale cooling equipment is not required, so the system reduces the total power consumption for the server system as a whole by about 40%⁽¹⁾ compared to existing air cooling systems. This dramatic reduction of power consumption allows customers to approximately double the server density in the same installation space⁽²⁾.

Fujitsu will continue to support the transformation of customer businesses going forward by delivering high-performance server systems using its innovative liquid cooling technologies.

New technologies that process huge volumes of data, including IoT-enabled solutions and artificial intelligence (AI), have become increasingly common in recent years, leading users to demand further improvements in performance from the servers that form the system platforms for these new technologies. At the same time, high-speed processing results in an enormous rise in the heat generated by servers, and consequently, ever greater amounts of energy and space are required for cooling. Such challenges create an urgent need for a system that delivers improved cooling capabilities.

Product Features

1. Highly efficient cooling technology significantly cuts power needs and space requirements

By immersing a server in a liquid that has high heat conducting properties and electrical insulating properties, this system efficiently cools the entire server equally. In addition, because the heat generated by the server is not emitted into the server room, air conditioning equipment for such areas or other facilities will be unnecessary. The cooling system also provides high energy efficiency because the server does not require internal cooling fans, boasting a power usage effectiveness (PUE, ³) ratio of 1.07. This not only reduces the server system's overall power consumption, by approximately 40% compared to air cooling systems (including its cooling equipment), it also enables approximately double the server density in the same installation space, contributing to reductions in the total cost of ownership (TCO).

2. Easy maintenance

CIMdata PLM Industry Summary

By using Fujitsu's specially developed, well-sealed "immersion bath," this system minimizes vaporization of the cooling fluid. Maintenance of the system remains very easy because the fluid used as a cooling medium is also non-combustible, not harmful to humans, and does not need to be regularly replaced as the quality does not deteriorate.

3. Fujitsu provides a one-stop solution, from installation to after-sales support

Fujitsu provides a one-stop solution for everything from the installation of an immersion bath and coolant distribution units (CDUs, [4](#)) to plumbing, server operations maintenance work, and post-installation support, including equipment maintenance. In addition, because this system is offered as an option for the Fujitsu Server PRIMERGY series([5](#)) of x86 servers, the latest models can be incorporated into this immersion system going forward.

This product has been adopted for a cluster configuration for a computation center for biology and bioinformatics at the Indian Institute of Technology Delhi, where it has been well-received for having reduced operating costs through its low power consumption. Its ability to operate at low noise levels also meant it could be installed near laboratories, while the system's highly efficient cooling provided users with sustained high computational performance.

Because a server immersed in cooling fluid is not exposed to outside air, it can be installed in a variety of environments that were not suited for installing existing servers, such as high temperature, high humidity regions, manufacturing sites that have oils or dust in the air, or in seaside areas where there are concerns about salt damage.

Fujitsu will support its customers in the further transformation of their businesses going forward by using liquid immersion cooling technology to build high performance server systems in places they could never be installed before.

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Ivalua Introduces Innovations to Improve Direct Materials Sourcing and Procurement

12 September 2018

Ivalua announced the availability of broad innovations in direct materials sourcing and procurement as part of its recently launched Platform Release 160. Direct materials enhancements on Ivalua's latest platform release reflect the incorporation of leading capabilities gained through the October 2017 acquisition of [Directworks](#), as well as new innovations.

With the new release, customers can more effectively manage a product's bill of materials (BOM) and the related components, costs and suppliers. Customers are empowered to effectively collaborate with suppliers to launch more innovative, profitable products and better manage associated supply risk.

Customers will be able to manage a BOM with n-level hierarchy structure and have 360-degree visibility into target and actual cost rollups. Additionally, when buyers are ready to take action, they can do so directly from the BOM view. For example, they can seamlessly launch an RFx process for a sub-component. Together, these capabilities enable team collaboration, agility and ensure appropriate measures are taken to minimize risk while also allowing for complete lifecycle management of a product or component. In the near future, supplier health will be part of this enabling visibility into risk, performance, quality, and any other customer driven factors that could impact the success of a product

BOM launch.

Release 160 includes a broad range of other innovations for direct materials sourcing and procurement. These include more sophisticated RFx quoting capabilities allowing customers to easily structure a quote template to collect detailed cost breakdowns, calculate total landed costs, and deeply analyze quotations automatically, with a few simple clicks. To support the transactional direct materials process, the release also includes Forecast Collaboration and PO Automation / Confirmation capabilities, facilitating more efficient and digitized supply chain collaboration between buyers and suppliers, reducing cycle times and risk of supply chain disruptions while also securing a stable supply of materials for production needs.

"This release further solidifies our vision to empower customers to effectively manage all areas of spend and facilitate deeper collaboration with suppliers," said David Khuat-Duy, Ivalua Corporate CEO. "These new capabilities will enable better collaboration internally and with suppliers to develop, launch and deliver more profitable products and do so with reduced risk."

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Koike Aronson and NUM partner to produce precision 5-axis bevel head for acclaimed K-Jet waterjet cutting system

10 September 2018

CNC specialist NUM is helping one of the USA's top fabrication equipment manufacturers to develop an ultra-precise 5-axis bevel head for its market leading waterjet cutting system. This innovative engineering project will enable customers to use extremely fast abrasive cutting speeds to further increase productivity of their precision metal parts fabrication processes.

Koike Aronson, Inc. is a leading manufacturer of advanced cutting/welding machines and positioning equipment. Founded in 1918, the company is based in Arcade, NY, USA. Capable of operating three manufacturing shifts per day, with up to 100 employees, Koike is renowned for its expertise in metal fabrication systems; its research and development resources include mechanical, electrical and software engineers with more than 250 combined years of design, process and technical experience.

Koike's latest generation waterjet cutting system, the K-Jet, is designed to cut various types of material – including steel, aluminum, plastic and glass – without creating any heat-affected zones. There is a choice of five machine configurations, offering standard cutting areas up to 72 x 144 inches (1,829 x 3,657 mm), and three KMT intensifier pumps with pressure ratings as high as 90,000 psi, making it the world's fastest waterjet cutting system for straightline cutting.

Each K-Jet machine features a robust, floor-mounted cutting table with a load capacity of 125 psf (610 kg/m²), which is equivalent to supporting 6 inch mild steel. The tables employ a heavy duty precision machined main beam and saddles, fully enclosed air pressurized bellows, and hidden linear guide ways. There is a wide choice of optional Ebbco abrasive removal and closed loop filtration systems for efficient water management.

CIMdata PLM Industry Summary

As part of its ongoing commitment to helping customers improve the productivity of their parts fabrication processes, Koike, in collaboration with NUM, has now developed an innovative and highly versatile 5-axis CNC bevel head for its K-Jet waterjet cutting system. The cutting head is specifically designed to combine ultra-fast movement with precision positioning capabilities and is available with pumps up to 60,000 psi capacity.

Koike chose to partner with NUM mainly because of its ‘open’ CNC architecture and its willingness to actively participate in joint development projects. As Koike Aronson Product Manager Tim Joslin explains: “Most CNC companies produce proprietary hardware and software, making it difficult to integrate third-party products. NUM, with its open architecture approach to CNC, is a notable exception to this practice. The company’s Flexium+ CNC system, for example, readily interfaces to standard cutting software such as IGEMS and SigmaNEST, and its NUMDrive X servo amplifiers are fully compatible with the specialist direct drive torque motors that we build into our new bevel cutting head.”

Based on NUM’s powerful Flexium+ 68 CNC platform, Koike’s 5-axis bevel head introduces an unprecedentedly high level of cutting performance. The overall system offers a linear accuracy of +/- 0.003 inch (0.076 mm) and a repeatability of just 0.001 inch (0.025 mm).

In addition to the 5-axis CNC system itself, which features interpolation and synchronization facilities on all five axes, as well as provision for a 6th axis, NUM is supplying four 1.2 Nm SHX series single cable servomotors, together with one smaller BPX series servomotor for the IGEMS head, each complete with its associated NUMDrive X servo drive. The company is also supplying the PLC hardware, equipped with 16 inputs and outputs and an EtherCAT gateway, and a large 19-inch touch screen for the cutting head’s HMI (human-machine interface).

The CNC software being supplied by NUM includes specific waterjet cutting functions. The Flexium CAM Shapes library contains a large number of pre-defined common cutting shape forms, enabling the machine operator to quickly select the desired shape from the library, make dimensional inputs and create the motion sequence – without requiring knowledge of G-Code. Material types and cut types can then be incorporated to optimize the waterjet’s cutting speed, and parts can even be nested using the on-machine block style nest feature.

The firmware in NUM’s CNC system contains several optimized waterjet cutting functions, one of which is key to maintaining accuracy during high speed cutting. As Steven Schilling, General Manager of NUM Corporation in Naperville, Illinois, explains, “Our firmware has a built-in feedrate linear interpolation feature which can be used to smoothly ramp from one speed to another during movement. This produces a better cut quality by ensuring that material is completely cut through over the entire cross section – an especially important consideration when dealing with the extremely fast cutting speeds of Koike’s new bevel head, in conjunction with NUM’s tilted nozzle management feature.”

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Koike's new 5-axis bevel head will be on display at booth #236244 in the North Building, Level 3, at the IMTS 2018 exhibition in Chicago, from September 10 to 15.

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Newest release of Lectra Fashion PLM 4.0 gives fashion companies the power of connectivity

11 September 2018

Lectra announces the release of their latest PLM solution, Lectra Fashion PLM 4.0. This enhanced version boasts several new features and tools that make it more readily connected and configurable, helping fashion companies work in a smarter and more agile manner in an IT-friendly environment.

Based on 45 years of experience meeting customer needs, Lectra has identified connectivity and automation as key to helping fashion companies achieve operational excellence in a new era marked by digitalization. For the latest version of Lectra Fashion PLM 4.0, the company has developed Lectra Easy Connect, a series of pre-configured connectors that allow the solution to interface with other IT systems such as ERP and CRM. These connectors ensure data integrity by facilitating a smooth and consistent flow of data between internal and external supply chain actors. Lectra has also enhanced connection to the design process by strengthening Adobe Illustrator integration via a new plug-in. Concretely, this means designers benefit from increased access to platform data like bitmap and PDF files and photographs, while continuing to work in their native environments. Access to consistent data stored on the platform and the freedom to work with familiar creative tools makes onboarding new designers much easier.

Lectra has enhanced the user experience by making its PLM solution highly configurable. A star feature is Lectra Easy Configure, a tool that allows users to manage and organize data according to their own profile, company organization and data structure to ensure easy and round-the-clock access. This enables companies to become more agile, as users can access and analyze their data whenever they need to, quickly and without technical hiccups. Lectra Fashion PLM 4.0 streamlines day-to-day activities via an updated interface with new search and notification functions, and a dynamic and configurable portfolio view that allows users to monitor and direct collections with the help of dynamic data display. Users can receive alerts and information about styles and materials, for example, and create to-do lists quickly and easily on a daily basis.

Finally, product developers benefit from enhanced Tech Pack management that allows them more control over how tech packs are edited, extracted and shared with other actors in the supply chain.

"We have already established Lectra Fashion PLM 4.0 as the go-to PLM solution for fashion companies in the digital era. We have entered a brave new world and ever since its launch, we have kept an open ear for our customers. By listening to their feedback and making this version more connectable and configurable, we are actually merging human and artificial intelligence to give them what they need. And they, in turn, will give their consumers the products they want," says Céline Choussy Bedouet, Chief Marketing and Communications Officer, Lectra. "And that's the beauty of technology."

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Phoenix Integration Releases ModelCenter® MBSE Pak Version 2.4.0

5 September 2018

Phoenix Integration announces the release of ModelCenter MBSE Pak 2.4.0.

Key features of this release include:

- Support for NoMagic MagicDraw®, Cameo Enterprise Architecture, and Cameo Systems Modeler version 19.0
- Support for IBM Rational Rhapsody® versions 8.1.5, 8.2.0, and 8.3.0

This release also includes a number of bug fixes, including resolving an issue where a Cameo simulation that has the MBSE Plug-In installed but does not utilize MBSE Analyzer may produce an error.

The release can be downloaded from our [SOFTWARE DOWNLOAD](#) page.

“With the new ModelCenter MBSE Pak 2.4.0 release, we are pleased to support the latest versions of our MBSE partner’s products, specifically, NoMagic’s MagicDraw 19.0 and IBM’s Rhapsody 8.3” said Dr. Scott Ragon, Director, Technical Business Development of Phoenix Integration.

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Propel and Productsup Join Forces to Deliver Accurate Product Content for All B2B and B2C Sales Channels

11 September 2018

[Propel](#) and [Productsup](#) are announcing the integration of their offerings to ensure timely and accurate product content across all B2B and B2C sales channels. Customers can use the new offering to publish the latest product data to field sales teams, distributors, suppliers, brick and mortar stores, and e-commerce channels like Amazon, Google and Alibaba. By streamlining the flow of product data from Propel’s [Product Lifecycle Management \(PLM\)](#) and [Product Information Management \(PIM\)](#) solutions, as well as Salesforce CRM and leading e-commerce platforms, companies can better coordinate product launches across engineering, marketing, sales channels, business units and regional markets.

Businesses have always been challenged with communicating their latest specifications, bundles, pricing and other product information to distributed sales teams, partners and markets. The rapid growth of e-commerce has further strained the ability of companies to keep all their sales channels in line. With Propel and Productsup, businesses now have the technology they need to reduce risk, save time and increase revenue.

“As companies grow and try to launch products faster, they need better visibility into what product updates are happening, why they need to change, and who approved those updates,” Miguel Tam, VP of Marketing at Propel, said. “Since Propel offers both PLM and PIM solutions on the Salesforce platform, it’s easy for companies to manage product information across engineering and marketing to any sales channel. The partnership between Propel and Productsup gives businesses a seamless way to manage product updates across all channels.”

“Together, Propel and Productsup take the worry out of guessing whether your data is updated and consistent across all channels. Propel and Productsup ensure accuracy, boost sales and drive growth in

market share,” said Marcel Hollerbach, VP of Marketing at Productsup.

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SAP Introduces Intelligent Capabilities for Digital Supply Chain

10 September 2018

SAP today announced new features to digitally optimize the supply chain and infuse it with intelligence from product design and production to delivery, operations and service. With the integration of SAP S/4HANA® to digital supply chain solutions from SAP, companies can gain new insights, make predictions and instantly adapt in an agile supply chain that extends to customers and supplier networks. The announcement was made at [IMTS](#) USA, being held Sept. 10–15 in Chicago, Illinois.

SAP's [leading presence](#) and innovation in supply chain management continues to help companies around the world embrace Industry 4.0 technologies including the Internet of Things (IoT), Big Data, and machine learning-enabled automation. The latest solution updates enable an integrated supply chain and manufacturing environment with enhanced capabilities for production planning and scheduling, availability and fulfillment, compliance, health and safety, and production engineering and operations.

"Intelligent technologies help businesses make better sense of data, plan and predict outcomes, and optimize the entire product lifecycle including the customer experience," said Hala Zeine, president, Digital Supply Chain and Manufacturing, SAP. "SAP helps companies embrace smarter business based on data-driven insights to run supply chains with greater insight, speed and purpose."

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