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CIMdata News

Agenda Topics Announced for PLM Road Map NA & PDT NA 2019

14 March 2019

CIMdata and Eurostep are pleased to announce the agenda topics for PLM Road Map™ North America & PDT North America 2019 which will take place on May 29 & 30 at the Marriott Hotel, Tysons Corner, VA. The theme for this year's event is “PLM for Professionals—Product Lifecycle Innovation.”

Using a format that will offer a series of keynote and plenary sessions designed to facilitate conversations between conference speakers and conference participants, PLM Road Map & PDT NA will bring together the perspectives of leading thinkers from aerospace & defense, automotive, medical device, and other industries who are expanding the value footprint of PLM and who are tackling the pain points that erode PLM's value potential.

Over the course of the two-days, presentations will be made on the following critical topics:

- The State of PLM: Today's Market & Leading Trends
- Best Practices for Multiple-view Bill of Materials Management
- A Current and Future State Overview of PLM Interconnectivity for a Medical Device Company
- A Flagship Data Integration Project in Support of the Royal Navy's New Carriers
- The Minimum Digital Thread for Aircraft Certification
- PLM and Complexity
- The Challenges of Model-Based Systems Engineering for NASA
- Navigating the Journey to Industrie 4.0—The Good, The Bad, and Making the Ugly – Less Ugly!

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- Optimization of Supply Chain Collaboration Practices
- PLM, Model-Based Systems Engineering, and the supply chain—challenges and opportunities
- Enabling Model-Based Systems Engineering Data Interoperability
- Is it Really a Digital Twin If We Don't Know the As-Built Configuration?
- Bringing all the Trends Together, what's next?

According to Ms. Cheryl Peck, CIMdata's Director of Marketing, "We are committed to delivering high client value through our PLM conferences. The agenda topics we have put together reflect the findings of our research and experience and will cover the classics of PLM and the upcoming PLM enablers. Simply put: pain points and trends!"

"The topics are of high interest to any PLM professional and the line-up of speakers is impressive," says Mr. Håkan Kårdén, Eurostep's Director of Marketing. "Possibilities, as well as challenges, are everywhere and any PLM professional will benefit from networking and sharing ideas, even more so as PLM is rapidly growing in scope. We are delivering a sharing and learning experience with exceptional quality and it is a must attend event", added Mr Kårdén.

PLM Road Map NA & PDT NA is a highly relevant 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.

In addition to the event to be held in May, CIMdata and Eurostep will collaborate to bring PLM Road Map EMEA and PDT Europe to Paris, France on 13-14 November 2019.

For more detail on the agenda please visit <https://www.cimdata.com/en/education/plm-conferences/plm-road-map-2019-pdt-2019/plmrmna-pdt-agenda>

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, www.CIMdata.com; follow us on Twitter at <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.

About Eurostep Group

Eurostep delivers software and services for product lifecycle management with a particular focus on the exchange and sharing of data within and between enterprises. Services range from pre-studies to the implementation and support of systems. Eurostep has subsidiaries in Sweden, the UK, France, Finland, Germany, and the US, and has blue-chip customers in a variety of industries including automotive, aerospace, defense, energy, high tech, and building & construction.

Eurostep has, for many years, been contributing to the development and promotion of product data standards. Standards promotion, supported by examples, has always been an important part of the PDT conferences.



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Beyond Generative Design (CIMdata Blog)

15 March 2019

Ideas for Generative Design, including topology optimization, were developed in the 1980s but did not fully take root. The evolution of additive manufacturing has sparked new interest, helping users to produce objects not manufacturable by traditional methods. We are evolving to Generative Engineering (or Human-Assisted Design) by leveraging the astounding improvements in computer and software capability to create an environment that will revolutionize not only product engineering and development, but the entire lifecycle that PLM oversees.

CIMdata Executive Consultant, Dr. Keith Meintjes, shares his thoughts on this topic and more in a recent blog posting which is available at <https://www.cimdata.com/en/resources/cimdata-blog/item/11644-beyond-generative-design>

In the blog posting he comments that:

“GenDes swims in a sea of other technologies.”

CIMdata will look into this topic in more detail at the upcoming PLM Market & Industry Forum events which will take place in Ann Arbor MI; Frankfurt Germany; Pune, India; Beijing, China; and Tokyo, Japan this coming April. The theme for 2019 is "Augmented Intelligence: Applications Across the Product Lifecycle."

For more information visit our PLM Market & Industry Forum web pages at <http://www.cimdata.com/en/education/plm-market-industry-forums>



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CIMdata Brings the PLM Industry's Premier Education and Training Program to The Netherlands

13 March 2019

CIMdata, Inc., the leading global Product Lifecycle Management (PLM) strategic management consulting and research firm, will bring its highly acclaimed PLM Certificate Program to the Mercure

CIMdata PLM Industry Summary

Hotel in Amsterdam, The Netherlands from 17-21 June.

Recognized as the PLM industry's most comprehensive solution-agnostic education offering, with over 500 PLM professionals certified to date, the program helps prepare attendees to successfully address the challenges commonly faced in PLM strategy development and implementation. The assessment-based program includes a personalized classroom experience, individual and team-based exercises, and individual evaluations of achievement. The program is facilitated by a team of CIMdata subject matter experts. Upon successful completion of the program, participants receive a CIMdata PLM Certificate and are invited to join CIMdata's global PLM Leadership community.

The program, which is available to industrial companies that are considering or are already implementing PLM, and to PLM software and service providers, is built on CIMdata's over 35 years of experience guiding industrial companies in successfully defining and implementing best-in-class PLM strategies and tactics. In addition to the Amsterdam program, classes will be held in Boston, Massachusetts from 30 September – 4 October, and in Orange County, California from 2-6 December.

CIMdata's one-day Executive Short Course and two-day PLM Fundamentals for Solution Providers Short Course will also be available at this time.

For more information on CIMdata's PLM Certificate Program visit our website at <https://www.cimdata.com/en/education/plm-certificate-program>.

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



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CIMdata to make a Keynote Presentation at the Berenberg Design Software Conference USA 2019

12 March 2019

CIMdata, Inc., the leading global PLM strategic management consulting and research firm, announces that its Vice President, Stan Przybylinski, will deliver the opening keynote address at the Berenberg

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Design Software Conference in New York City on March 14. The conference brings together software providers and investment firms to discuss the key technology and business issues they face in their solution markets.

Mr. Przybylinski's presentation, "Getting to Markets of One," will focus on a key element of the Industry 4.0 vision, the ability to profitably serve individual customers their own unique product. The presentation will highlight how some of the leading players in the market are addressing this vision and how new entrants and new application areas are proving important to market success.

Mr. Przybylinski has over 30 years of experience in the development of business-enabling IT solutions for research, engineering, and manufacturing organizations worldwide. He has worked in R&D, marketing, and communications, with both Fortune 100 companies and small organizations. Mr. Przybylinski is responsible for CIMdata's research agenda, including the CIMdata PLM Market Analysis Report series. He has been directly involved with selection, consulting, integration, and implementation of large-scale PLM solutions, and has worked on projects for both PLM solution suppliers and end-user organizations in the automotive, aerospace, consumer packaged goods, high-tech, and medical devices industries. He has spoken on PLM-related topics in Europe, North America, and Asia.

For more information visit: <https://www.cimdata.com/en/events/cimdata-supported-events/event/459-berenberg-design-software-conference>

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Acquisitions

KPMG Australia Acquires Ferrier Hodgson

14 March 2019

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Ferrier Hodgson and KPMG Australia are set to merge, today announcing plans to create one of Australia's largest Restructuring Services and Forensic Advisory businesses.

The combined operation results in a significantly expanded presence with 27 partners and more than 200 specialists across Australia.

Established in 1976, Ferrier Hodgson is one of Australia's first independent firms specialising in restructuring, forensic, performance improvement and financial advisory. Under the terms of the deal, KPMG Australia will acquire Ferrier Hodgson's business located in Sydney, Melbourne, Brisbane and Perth. Discussions with the Adelaide office are well advanced.

The merged business will be co-led by Ferrier Hodgson Practice Leader, James Stewart and KPMG's National Head of Restructuring Services, Matthew Woods. They will be supported by a leadership team of senior partners from both firms. A governance committee with representatives from Ferrier Hodgson and KPMG is being established to oversee a successful integration.

James Stewart said: "We are excited about the opportunity to merge with KPMG. We believe our clients will benefit from the greater breadth of solutions available to them, and our shared values and cultural fit will ensure a smooth integration into KPMG for our people."

"Strategically, the merger gives our team immediate access to a diverse range of skill sets to better engineer operational turnaround and add a lot more value to clients. This is something we were already building organically through our Azurium consulting business but the merger represents a step-change in our capability, allowing us to respond to market demand for more holistic solutions to financial stress and organisational change."

"The merger with KPMG will provide our clients with the benefits of over 40 years of Ferrier Hodgson's restructuring and forensic experience, combined with new opportunities afforded by a market-leading, diversified and international firm."

KPMG Australia CEO, Gary Wingrove said: "The Ferrier Hodgson team is very experienced, with a great reputation, and we are delighted to be welcoming them to the firm. The rationale for a merger was compelling, with KPMG and Ferrier Hodgson a great fit strategically and culturally. The combination of our operations with Ferrier Hodgson will immediately and significantly strengthen the breadth and level of service we can offer our clients in the restructuring and forensic advisory sphere."

"Traditionally, KPMG has always focused on the turnaround and restructuring side of the practice, which has enjoyed sound growth year on year for the past five years. But we haven't had the capacity to meet the market opportunity – until now. This merger builds great scale and capability, quickly, making us a highly competitive force," he said.

Gary Wingrove and James Stewart signed the merger agreement in Sydney today. Terms are confidential. The deal is scheduled for completion by 30 June 2019.



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NVIDIA to Acquire Mellanox for \$6.9 Billion

12 March 2019

NVIDIA and Mellanox today announced that the companies have reached a definitive agreement under

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which NVIDIA will acquire Mellanox. Pursuant to the agreement, NVIDIA will acquire all of the issued and outstanding common shares of Mellanox for \$125 per share in cash, representing a total enterprise value of approximately \$6.9 billion. Once complete, the combination is expected to be immediately accretive to NVIDIA's non-GAAP gross margin, non-GAAP earnings per share and free cash flow.

The acquisition will unite two of the world's leading companies in high performance computing (HPC). Together, NVIDIA's computing platform and Mellanox's interconnects power over 250 of the world's TOP500 supercomputers and have as customers every major cloud service provider and computer maker.

The data and compute intensity of modern workloads in AI, scientific computing and data analytics is growing exponentially and has put enormous performance demands on hyperscale and enterprise datacenters. While computing demand is surging, CPU performance advances are slowing as Moore's law has ended. This has led to the adoption of accelerated computing with NVIDIA GPUs and Mellanox's intelligent networking solutions.

Datacenters in the future will be architected as giant compute engines with tens of thousands of compute nodes, designed holistically with their interconnects for optimal performance.

An early innovator in high-performance interconnect technology, Mellanox pioneered the InfiniBand interconnect technology, which along with its high-speed Ethernet products is now used in over half of the world's fastest supercomputers and in many leading hyperscale datacenters.

With Mellanox, NVIDIA will optimize datacenter-scale workloads across the entire computing, networking and storage stack to achieve higher performance, greater utilization and lower operating cost for customers.

"The emergence of AI and data science, as well as billions of simultaneous computer users, is fueling skyrocketing demand on the world's datacenters," said Jensen Huang, founder and CEO of NVIDIA. "Addressing this demand will require holistic architectures that connect vast numbers of fast computing nodes over intelligent networking fabrics to form a giant datacenter-scale compute engine.

"We're excited to unite NVIDIA's accelerated computing platform with Mellanox's world-renowned accelerated networking platform under one roof to create next-generation datacenter-scale computing solutions. I am particularly thrilled to work closely with the visionary leaders of Mellanox and their amazing people to invent the computers of tomorrow."

"We share the same vision for accelerated computing as NVIDIA," said Eyal Waldman, founder and CEO of Mellanox. "Combining our two companies comes as a natural extension of our longstanding partnership and is a great fit given our common performance-driven cultures. This combination will foster the creation of powerful technology and fantastic opportunities for our people."

The companies have a long history of collaboration and joint innovation, reflected in their recent contributions in building the world's two fastest supercomputers, Sierra and Summit, operated by the U.S. Department of Energy. Many of the world's top cloud service providers also use both NVIDIA GPUs and Mellanox interconnects. NVIDIA and Mellanox share a common performance-centric culture that will enable seamless integration.

Once the combination is complete, NVIDIA intends to continue investing in local excellence and talent in Israel, one of the world's most important technology centers. Customer sales and support will not change as a result of this transaction.

Additional Transaction Details

Post close, the transaction is expected to be immediately accretive to NVIDIA's non-GAAP gross margin, non-GAAP earnings per share and free cash flow. NVIDIA intends to fund the acquisition through cash on its balance sheet. In addition, there is no change to its previously announced capital return program for the rest of fiscal 2020. The transaction has been approved by both companies' boards of directors and is expected to close by the end of calendar year 2019, subject to regulatory approvals as well as other customary closing conditions, including the approval by Mellanox shareholders of the merger agreement.

Advisors

Goldman Sachs & Co. LLC served as exclusive financial advisor to NVIDIA and Jones Day served as legal advisor. Credit Suisse Group and J.P. Morgan Chase & Co. served as financial advisors to Mellanox and Latham & Watkins, LLP and Herzog Fox & Neeman served as legal advisors.

Conference Call and Webcast Details

NVIDIA will conduct a webcast at 5:30 a.m. PT today to discuss the transaction. The webcast and a copy of the presentation materials can be found on NVIDIA's Investor Relations website at <https://investor.nvidia.com>. A webcast replay and a copy of the webcast presentation materials will also be available at <https://investor.nvidia.com>.



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Company News

The Altair Partner Alliance (APA) Expands Offering to Include an Optimized Design-to-Cost Approach for Composite Part Design

11 March 2019

Altair is pleased to welcome the addition of Quilted Stratum Design (QSD) software by Cetim to the Altair Partner Alliance (APA).

Altair offers on-demand access to a broad spectrum of software applications from over 55 companies in Altair's Partner Alliance. Altair's customers are able to leverage a wide range of software tools from a centralized source, helping them reduce time to market, increase intelligent design, and make smarter decisions faster.

"We are excited to work with Cetim to provide a powerful, yet easy to use solution for evaluating composite layup strategies. QSD® offers Altair customers an optimization approach for designers to rapidly design high-performing and cost-controlled composite parts," said James Dagg, CTO of Design and Simulation Solutions at Altair.

QSD by Cetim offers designers an intuitive workflow within the Altair HyperMesh™ environment that benefits from Altair OptiStruct™ advanced technologies for a smart composite design with optimum thicknesses, fiber orientation and reduced material scraps. QSD aims at designing efficient structural parts manufactured from hot-pressed, multi-thickness preforms of thermoplastic plies. The QSD method

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fits with all creating "tailored preform" processes (tape placement, QSP, hand lay-up.)

“With QSD, Cetim provides access to the best practices of composite optimization developed during our research project with ONERA, the French Aerospace Lab. The partnership with Altair gives HyperWorks users access to best-in-class software already used in numerous design offices,” said Damien Guillon, Composite R&D Manager at Cetim.

Cetim and Altair will be exhibiting at leading international composites show JEC World in Paris, from March 12-14. Demonstrations of composite design and optimization with QSD will take place at the Cetim booth #6D85 and at the Altair Booth #5G97 during the show.

An [introductory webinar](#) for QSD will be held on April 4 at 10 a.m. EST. For more information about the software, please visit the product page for QSD.



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AMC Bridge and Lviv Polytechnic National University Sign Partnership Agreement

11 March 2019

AMC Bridge and Lviv Polytechnic National University have signed mutual partnership agreement.

Following the recent launch of its new office in Lviv, AMC Bridge started a cooperation with the oldest technical institution in Ukraine and Eastern Europe, Lviv Polytechnic National University. The students of the university's Institute of Computer Sciences and Information Technology, in particular, will have access to the courses created by AMC Bridge experts and initiated by the company in other institutions of higher education. The parties also agreed on conducting and taking part in joint research projects related to software development for CAD, CAM and CAE, 3D modelling and visualization technologies.

“We are honored to become a partner of Lviv Polytechnic, which is rightly considered to be one of the best universities in Ukraine. Lviv is a city of traditions and, at the same time, a city of new ideas and innovations. It is a major IT hub in Western Ukraine, attracting highly talented, ambitious and skilled professionals, as well as investors and companies keen on innovative IT solutions and services. Young people strive for an opportunity to become competitive and build a rewarding career. Therefore, it is the right time and place for us to share our expertise and experience by introducing AMC Bridge specialized courses and provide assistance and guidance to the students through the partnership with Lviv Polytechnic,” - says Igor Tsinman, President of AMC Bridge.



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Bentley Institute's Digital Advancement Academies Receive BIM Award for BIM Enabler/Consultant of the Year

11 March 2019

Bentley Institute's Digital Advancement Academies have been named as the winner of the BIM Enabler/Consultant of the Year Award at *BIM Show Live 2019* in Newcastle upon Tyne, UK. The annual

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BIM Awards, part of the national conference, honor and recognise the world's best BIM work by celebrating exceptional and innovative use of BIM in the built environment.

Iain Miskimmin, senior academies manager for Bentley Institute's Digital Advancement Academies, said, "It's an honor for Bentley Institute to be recognised for the work we have been doing in this important area since 2012. Having helped to deliver some of the first projects in the UK to embrace a BIM strategy, it's inspiring to see how far we have come, and how our Digital Advancement Academies continue to support leaders and innovators in the digital built environment to advance digital (BIM) strategies."

The BIM Awards were judged by experts in BIM strategy and implementation for today's modern digital built environment. Awards were given in ten categories. [Learn more about the awards categories, winners, and judges.](#)

The awards were announced the evening before the main programme kicked off for *BIM Show Live 2019*, which also featured presentations by experts in the construction industry, including David Philp, Global BIM/MIC Consultancy Director, AECOM and co-author of *Building Information Modeling for Dummies*. [Learn more about the conference speakers.](#)



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Canadian Brand Silver Jeans Co.™ Finds Perfect Fit with Centric PLM

12 March 2019

Silver Jeans Co.™ has six offices across Canada and the USA as well as a factory center in Hong Kong and sells through distributors in Europe, Japan and Australia. The business operates on a four-season basis and develops 100-200 SKUs per season across its six lines: Men, Big and Tall, Women, Plus, Sportswear and Maternity.

"With multiple people handling data, there was no direction and ownership wasn't clear when something needed to be addressed," explains Robyn McCarthy, Global Merchandising Manager at Silver Jeans Co.™. "We wanted to increase the number of products but had no clear way of managing that process. It became obvious that we needed a program that would help us to achieve our company goals."

Since implementing Centric PLM, Silver Jeans Co.™ has doubled its number of product lines since 2010, reduced product lead time by 10%, lowered sample lead times by an impressive 25% and reporting that used to take days, can be completed in minutes.



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Capgemini and 21 Others Win 2019 Artificial Intelligence Excellence Award

13 March 2019

The Business Intelligence Group today announced the winners of its inaugural Artificial Intelligence Excellence Awards program. This business awards program sets out to recognize those organizations, products and people who bring Artificial Intelligence (AI) to life and apply it to solve real problems.

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Nominations were received and winners were chosen in all four of the categories of AI including Reactive Machines, Limited Memory, Theory of Mind, and Self-Awareness.

“As evidenced by all of the nominations, Artificial Intelligence is set to transform nearly every aspect of our lives and culture,” said Maria Jimenez, chief nominations officer for Business Intelligence Group. “As more and more companies build new tools, launch new services or deploy the AI of strategic vendors, it is important to recognize the truly unique solutions and how they impact the market. We are so proud that such an incredible group of companies won this year’s program. Congratulations to all of them.”

Capgemini was chosen as the overall winner for its “Cash Collections Assistant,” a human-like voice collector that responds quickly to customers in 24 languages. The AI speech generation engine is trained and backed by natural language processing (NLP) to fit finance models and semantic topic understanding. The solution is implemented using cognitive NLP, live voice transcription, autonomous micro-services, and modern web frameworks. All of its elements operate in the cloud, enabling key enterprise features such as scalability, multi-tenancy, leading market security compliance, and continuous deployment.

“Capgemini’s Perform AI portfolio of solutions moves organizations beyond a proof of concept to pragmatic delivery at scale for real business impact,” said Adam Bujak, global head of Intelligent Automation Practice, Capgemini’s Business Services. “Capgemini’s Business Services team delivers Intelligent Process Automation to transform our clients’ operations by assisting, augmenting, and automating them – with a human team member at the center executing higher value tasks. This award recognizes the passion and determination of our experts to support our clients’ transformation journeys.”

Within the four categories, the 2019 Artificial Intelligence Excellence Awards winners are:

Limited Memory

Brad Mascho, Chief Artificial Intelligence Officer, NCI Information Systems, Inc.

Individual - Large Company

Oliver Tavakoli, Chief Technology Officer, Vectra AI

Individual - Medium Company

Liran Zvibel, Co-Founder and CEO, WekaIO

Individual - Small Company

Cherre

Organization - Small Company

Trax

Organization - Medium Company

BCW (Burson Cohn & Wolfe) for Boehringer Ingelheim - Think. Act. Breathe.

Product or Service - Large Company

Cognito Platform

Product or Service- Medium Company (tie)

Exabeam Advanced Analytics

Product or Service- Medium Company (tie)

OrboGraph

Product or Service - Small Company

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Reactive Machines

OneConnect Financial Technology

Organization - Large Company

Zebra Medical Vision

Organization - Small Company

Algolux Eos Perception Software

Product or Service - Small Company

Jumio

Product or Service - Large Company

Invoca: Signal AI

Product or Service - Medium Company

Self-Aware

Conversica - Conversational AI Assistant for Business

Organization - Medium Company

Digitate: ignio - cognitive automation platform

Product or Service - Medium Company

Theory of Mind

Marwan Salem bin Haidar, EVP Innovation and The Future Division, DEWA

Individual - Large Company

Shaukat Shamim, Founder and CEO, Youplus

Individual - Medium Company

Hypergiant Industries

Organization - Small Company

Capgemini: Cash Collections Assistant

Product or Service - Large Company

Intuition Robotics: Platform Q

Product or Service - Small Company

OJO Labs

Product or Service - Medium Company

The program also recognized several companies as finalists including AllyO, Wolters Kluwer, Darktrace, Chorus.ai, Response Path, SoundHound Inc., TransPerfect, Visulytix and Zyprotect.



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Former Infosys CFO Rajiv Bansal to join DXC Technology

11 March 2019

DXC Technology has appointed former Infosys chief financial officer Rajiv Bansal as senior VP and head of finance, Americas.

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Bansal, a chartered accountant and cost accountant by profession, also served as the CFO of online transportation app Ola. He spent about 16 years in Infosys and held key positions as CFO and advisor to the CEO and board. After leaving Infosys in October 2015, he joined Ola and quit just over a year later. Before joining Infosys, Bansal has worked in different capacities at Tata Technologies, Cable & Wireless, and ABB.

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Fossil Foundation, Pearson, Accenture, Unreasonable Group Launch Collaboration to Redesign the New Economy

12 March 2019

Fossil Foundation, Pearson, and Accenture's The Dock have joined the Unreasonable Group to launch Unreasonable FUTURE — a bold multi-year initiative that brings together disruptive innovators and entrepreneurs to design a future in which people and technology work side-by-side to solve workplace challenges and unlock human potential everywhere.

“Addressing the global wealth gap is one of the grand challenges of our time, and with the very nature of jobs on the cusp of drastic change, we must find a way to ensure the workplace of tomorrow is inclusive and equitable,” Daniel Epstein, founder and CEO of Unreasonable Group said. “Unreasonable FUTURE will bring together a hand-picked portfolio of entrepreneurs leveraging advanced technologies to ensure future generations thrive in the new economy. It's an honor to have the opportunity to collaborate with Fossil Foundation, Pearson, and Accenture's The Dock to help design a future that will work for everyone.”

The hand-picked selection of ventures will include companies creating the future of learning and up-skilling so that underserved youth and those whose jobs are being replaced by technology will find pathways to new opportunities in the digital era. The portfolio also includes entrepreneurs using disruptive technologies to develop human potential in the workplace of tomorrow. By bringing them together, the goal is to rewrite the narrative of what it means for all humans to thrive in a new, more equitable economy.

“We're on a mission to unleash the power of underserved youth. During this time of rapid technological and economic change, we have an opportunity to co-design a future in which youth thrive in new ways,” Janiece Evans-Page, VP of Fossil Group Global Philanthropy and Sustainability said. “Unreasonable Future will help reshape the pathways whereby youth learn, work and succeed, with a goal of impacting one million young lives by 2021.”

“Preparing people for the jobs of the future is critical to Pearson's mission of helping everyone make progress in their lives through learning,” said Jennifer Young, Director of Innovation and Partnerships at Pearson. “We're excited to take on this challenge together with Unreasonable Group, The Fossil Foundation and Accenture's The Dock to equip millions of learners worldwide with the skills, knowledge and insights needed to prepare them for the future of work.”

“We live in unprecedented times. Advances in technology are transforming the way in which we work and live and jobs are evolving at speed. As intelligent systems and machines reshape the nature of work, people will need entirely new skill sets,” Ryan Shanks, Managing Director, Accenture's The Dock, said. “It's a race between education and technology. We have a responsibility to create an inclusive future of

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work and so I am delighted that The Dock, together with Accenture's Talent & Organization practice, is now working with the Unreasonable Future team to build a future where people gain the motivation, means and opportunity to thrive in a digital economy."

The first Unreasonable FUTURE program will take place from March 27 - April 7, at a private venue outside of San Jose, California. A full list of ventures, mentors, and specialists participating in Unreasonable FUTURE can be found [here](#). Additional details about the program can be found on the [website](#).

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HED and Integrated Design Group Announce Merger

4 March 2019

HED is pleased to announce its merger with Integrated Design Group, also known as ID, an architecture, engineering, and planning firm with a strong reputation for data center design.

According to Peter Devereaux, FAIA, Chairman of HED, this is a natural step for the firm. "We are committed to strategic growth that increases the firm's ability to create positive impacts for our clients and their stakeholders," he says. "Bringing the ID team into the HED family is a step on our journey toward expanding our expertise and enabling a greater impact for our clients. It also allows us to reach new audiences -- both in this new market sector for HED and in all the sectors we serve in the regions surrounding Boston and Dallas."

HED leadership recognizes that this is an important, fast-growing sector throughout the U.S. and beyond and see it as an opportunity. As Devereaux points out, "Many of our clients, in healthcare, higher education, and corporate work, for example, are seeking this intelligence and specialized expertise. This is an example of our ability to bring additional resources and insight to the table for our clients."

The ID leadership and staff, working in two offices in Boston and Dallas, join the HED team working in Chicago, Detroit, Los Angeles, San Diego, San Francisco, and Sacramento offices. The team is now 420 strong.

Toni Asfour, Managing Principal of the Boston office, notes that the data center sector is experiencing tremendous growth and continues to evolve. "Data storage, transmission, and security are supporting almost every aspect of contemporary life. Our leadership in this realm is long and deep; we bring market intelligence to all scales of this work. Our clients include tech and retail corporations, financial institutions, health and pharma, educational institutions, as well as multi-tenant, cloud, and hyperscale data center providers."

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Human Solutions is looking for the best research projects from young scientists

12 March 2019

CIMdata PLM Industry Summary

Every year, the RAMSIS Excellence Award is presented to the best young scientists working on ergonomics in vehicles – the application deadline is July 1, 2019!

Mobility determines our lives. We humans spend a lot of time in vehicles every day. Whether in the car, in a plane, on a train or on two wheels – designing interiors to meet the requirements of the human body are important safety and comfort factors. RAMSIS is the leading digital manikin by the Human Solutions GmbH. It is used worldwide for the interior design of vehicles, making sure that the vehicle ergonomics are perfect for driver and passengers.

For more than ten years now, Human Solutions GmbH has been organizing this competition for talented young people and scientists. “The RAMSIS Excellence Award brings fresh scientific impetus to our RAMSIS User Conference, which is attended by the employees of numerous international vehicle manufacturers who use our RAMSIS ergonomics tool,” says Dr. Andreas Seidl, CEO of Human Solutions GmbH. “The winners will take part in our conference, enabling them to gain a realistic insight into the working world. They also present their projects there and make valuable contacts in the industry.”

What kind of projects can be entered?

The focal themes of submitted projects and theses should pertain to vehicle design in the broadest sense of the word – but they may also address the cognitive assimilation and processing of information, the processing of anthropometrical topics and the analysis of comfort and driver models. The analysis projects should preferably be carried out using the RAMSIS ergonomics tool (e.g. mirror configuration for a specific vehicle), but this is not compulsory. The RAMSIS Excellence Award is aimed at students, doctoral students and scientific staff whose work deals with vehicle interior and cockpit design in the broadest sense of the term. Projects in German or English will be accepted.

What are the prizes that will be awarded?

The REA is presented for the best scientific work in each of two categories: €1,000 will be awarded for the best doctoral thesis and the best scientific project from young science students or graduates (master's degree, bachelor's degree or thesis) will receive €500.

Who chooses the winners?

An interdisciplinary jury with representatives from science and industry will adjudge the rankings of the submitted entries. In addition to addressing the scientific standard, the jury will particularly focus on the degree of technical applicability, the relevance to practice and the degree of innovation.

Deadline for applications and the award ceremony

The deadline submission date for entries is July 1, 2019. The prize-giving ceremony for the winners will take place during the annual RAMSIS User Conference. Participation in the RAMSIS User Conference and the willingness to present your own project there is presupposed with the submission applications. More information and participation documentation can be found on the website.



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Infosys to Open New Digital Innovation Center in Romania

13 March 2019

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Infosys announced it will be opening a new Digital Innovation Center in Bucharest, Romania at an event attended by local government officials and university representatives. The center will focus on developing offerings for clients based on cutting-edge digital technologies including Cloud, Big Data, Artificial Intelligence and Machine Learning.

Infosys will invest in training programs for both its current employees and new hires. These training programs will focus on several key competencies including user experience, Cloud, Big Data, digital offerings, core technology skills and computer science skills.

The company has also announced that it is entering into an agreement with the University of Bucharest and the University Politehnica Bucharest to form a strategic partnership for technology innovation and Romanian workforce development; including joint training courses, scholarships and research. The training programs for Romania will leverage the learnings and best practices the company has developed through decades of experience running the Infosys Global Education Center, one of the world's largest corporate universities, located in Mysore, India.

Infosys also plans to open a new Cyber Defence Center in Bucharest this summer. The Center will provide end-to-end 24/7 cybersecurity services to help European and global clients progress on their digital transformation journey. Services include cyber forensics, ethical hacking, security analytics, threat detection and response. The center in Bucharest will be vital to delivering services across the European region, given GDPR and other country-specific data regulation requirements.

Currently Infosys, which was recently recognised as a Top Employer in Europe, has operations across 15 European countries, employing more than 12,000 people. The company works with both European and global clients in a range of industries, including financial services, healthcare, life sciences, business process management, utilities, manufacturing and retail.

Ravi Kumar S., President, Infosys, said, "Our Digital Innovation Center in Bucharest marks an important step forward for Infosys as it further expands its presence across Europe, improving our ability to serve both our regional and global clients. By partnering with key local academic institutions, we are creating organic talent pools in Romania that do not exist in the market today. By training and developing a highly skilled workforce in Romania, we can help close the digital skills gap in the region and contribute to the Romanian and European economy."

Mircea Dumitru, Rector of The University of Bucharest, said, "Europe is a hotbed for innovation, and the next generation of workforce is keen to develop its skills and knowledge in the digital age, through the best training and hands-on experience. We've partnered with Infosys so that young Romanian specialists can work and train with the best-in-class Infosys experts at the new center to become more skilled and better prepared to help shape Europe's digital future."

Ana Birchall, Vice Prime Minister of Romania, said, "IT services is a huge growing industry in Romania and this new Digital Innovation Center offers a great opportunity for students and professionals alike to develop their skills, find new career prospects and enhance cutting-edge digital technologies across industries in Romania and Europe. From an economic perspective, I would like to underscore the rapid-paced growth patterns of both our countries, with India being the fastest growing economy in the world and Romania mirroring at an EU level. In this positive context we should take full stock of all opportunities to further consolidate the extended partnership between Romania and India. Moreover, the economic growth of our country in the last couple of years represents an open invitation to pre-eminent investors and companies like Infosys to bring added value and open new economic opportunities."

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Oracle Survey Finds Enterprises Ready for Benefits of 5G

28 February 2019

While much of the discussion around 5G has centered on consumer devices, enterprises are looking towards the tremendous impact the technology can have on their ability to serve customers and the bottom line. Not only are most companies (97 percent) aware of the benefits of 5G, but 95 percent are already strategically planning how they will take advantage of this next generation of wireless connectivity to power core business initiatives from new services, to IoT and smart ecosystems.

The Oracle Communications study, “[5G Smart Ecosystems Are Transforming the Enterprise – Are You Ready?](#),” surveyed 265 enterprise IT and business decision makers at medium and large enterprises globally in December, 2018 to find out how businesses are thinking about 5G today and its potential significance moving forward.

“Enterprises clearly want to capitalize on the promise of 5G, however, to be successful, IT and business leaders must avoid thinking of 5G as just another ‘G,’ and should instead consider it as an enabler to the smart ecosystem we have long talked about,” said Doug Suriano, senior vice president and general manager, Oracle Communications. “This means asking the right questions at the outset, and considering how 5G can help enable upcoming solutions, what timeframe should be considered and how will they will procure and use 5G capabilities as part of their business evolution.”

Born in the cloud, 5G will have the ability to enable enterprises to provision or “slice” core pieces of their networks to power mission-critical new offerings and smart ecosystems. This can range from anything to providing the highest speed connections for life-saving 911 services, to enabling autonomous vehicles to communicate with each other quickly; to ensuring IoT devices in smart factories are providing real-time information on the health of machines and assets.

Outside specific initiatives, respondents believe 5G will have a wide-spread impact across their business, including increasing employee productivity (86 percent), reducing costs (84 percent), enhancing customer experience (83 percent), and improving agility (83 percent). Business decision makers are most focused on quality of experience the technology will bring, while IT is concerned with network speed and resiliency.

Unleashing the Promise of 5G Ecosystems in the Enterprise

When it comes to 5G, enterprise are most focused on:

- **Unlocking the potential of IoT:** Beyond initial benefits such as speed and quality of experience, 84 percent of respondents feel that 5G networks will be transformative and have a lasting impact on the way their companies do business. Another 73 percent agree the IoT will be revolutionized by 5G networks and 68 percent feel it will be transformative to their customers.
- **Monetizing new services:** Eighty-percent expect 5G to generate new revenue streams for their business. Forty-one percent of the respondents would deploy new monetization solutions specifically for 5G services alongside existing systems, while thirty-four percent say they would replace their existing systems with a single, converged solution for all services. Just about one in five (22 percent) said they will utilize and extend existing monetization solutions with 5G.

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- **Experience and efficiencies:** Eighty-four percent of respondents agree that 5G networks will be transformative and have a lasting impact on the way their companies do business. While business respondents are focused on the quality of experience improvements made possible by 5G, IT respondents care more about the network technologies and the internal efficiencies 5G may enable.
- **Security:** While excited about the potential of 5G, both business and IT respondents cited security as a top priority. 51% of respondents ranked security as their highest concern.

Oracle's survey also explored 5G's potential role in solutions as varied as live streaming, industrial automation, smart homes and buildings, connected vehicles, immersive gaming, augmented and virtual reality.

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Procore Names Ani Abrahamian as Senior Vice President of Engineering

11 March 2019

Procore Technologies, Inc. today announced it has appointed Ani Abrahamian as Senior Vice President of Engineering. Abrahamian joins from Salesforce where she most recently led mobile engineering focused on the company's flagship mobile app. At Procore, she will oversee global engineering efforts to support the scale and growth of the engineering organization, reporting directly to Sam Crigman, Procore's CTO.

"Few people have the combination of technical skills and leadership capabilities that Ani brings with her to Procore, following decades of building and scaling enterprise SaaS applications and organizations," said Crigman. "We are extremely excited to have her lead our engineering organization as Procore continues to grow from both an infrastructure and business perspective."

Prior to joining Procore, Abrahamian spent 13 years in engineering at Salesforce. During her tenure with Salesforce, she held leadership roles on the mobile engineering team and was responsible for the Salesforce Mobile App, the company's flagship mobile application. Abrahamian has a proven track record in leadership at companies during periods of hypergrowth, and brings a relentless focus on delivering value to end users.

"I'm thrilled for the opportunity to join Procore and help lead its engineering efforts as we continue to work with and build solutions for the construction industry," said Abrahamian. "As a software engineer I was drawn to Procore because of the unique opportunity we have here to focus solely on the construction industry, allowing the engineers to truly get to know and understand the users we're developing products for."

Abrahamian joins Procore at a time of rapid growth for the company. Procore's engineering presence is expanding from the company's headquarters in Carpinteria, California to include teams based out of the company's office in Austin, Texas to help scale as the business grows.

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PSRE Co. Expands Market Presence in North America

11 March 2019

PSRE Co. is pleased to announce the expansion of its market presence for the PASS Software Suite in North America. PSRE has signed a distribution agreement with Fluids & C° for distribution of the PASS Software in Canada and the United States.

“Fluids & C° is happy to participate to the market extension of the PASS Software Suite, one of the easiest-to-use tools for piping & equipment simulation enabling effective use by every engineer rather than just experts.”, said Vincent Soumoy, President of Fluids & C°.

Fluids & C° was founded on the idea of helping North American companies in their simulation efforts, especially in the simulation of fluid behavior. Based in Montreal, they provide services and distribute software using a team made up entirely of specialists for a variety of technologies and applications where fluid is the driving factor.

“PSRE’s PASS Software Suite team is proud to add Fluid & C° as a reseller in North America,” said Leonid Korelstein, VP of Research & Development, PSRE Co, “The experience and knowledge of its team in the field of Computer Aided Engineering make Fluid & C° a very valued partner for us!”

The PASS Software Suite which offers smart, easy-to-use analysis, simulation, and code compliant sizing tools for every piping and equipment engineer/designer enabling new users to perform piping and related equipment analysis in days rather than months.

- PASS/INDUSTRY provides comprehensive piping and equipment analysis with related sizing calculations according to international codes and standards.
- PASS/START-PROF provides comprehensive pipe stress, flexibility, stability, and fatigue strength analysis with related sizing calculations according to international codes and standards.
- PASS/EQUIP provides strength and stability analysis for horizontal and vertical vessels, columns, storage tanks, as well as shell, tube, and air-cooled heat exchangers under static and seismic loads according to international codes and standards.
- PASS/HYDROSYSTEM provides diameter selection, heat and hydraulic analysis of steady state and transient flow in piping systems of any complexity, including networks with loops according to international codes and standards.

Please check out the PASS contact page to learn more about the existing distributors of PASS Software Suite and contact PSRE if you are interested in becoming a PASS Software Suite distributor.



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Riversand Software “Represents a Disruption” in Master Data Management

13 March 2019

Riversand announced today that an independent research firm rated its software platform as a Strong Performer.

The premier publication reviewed 12 companies for this report:

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“Built using the latest Cloud and big data architectures and best practices, Riversand’s offering represents a disruption compared to its previous generation ... The platform is multidomain, including customers, products, and assets, and it also includes advanced MDM product capabilities...” says the report.

“We believe that the ranking reflects Riversand’s innovative MDM solution and the success of our market strategy,” says Raman Parthasarathy, senior vice president of Strategy and Business Development at Riversand, “The Platform plus Apps approach provides our customers with a solution that scales with their business and enables Riversand to rapidly increase the number of customers it serves.”

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SAP Names First Chief Partner Officer

7 March 2019

SAP today announced that it has appointed Karl Fahrbach as the company’s first chief partner officer. In his role, Fahrbach will be responsible for driving next-generation partnering at SAP.

His responsibilities include evolving partner commercial models to intensify partner innovation, platform adoption and the sale of cloud solutions with partners across all customer segments and markets.

The SAP ecosystem is a major growth driver for SAP and contributes significantly to the success of SAP customers. [It](#) is estimated SAP’s partner economy to be about US\$100 billion and projects that to double over the next five years. More than 60 percent of that is expected to be in the cloud. To help reach that potential, SAP is developing a next-generation ecosystem, which will refine the partner experience and allow partners to innovate and develop their own IP on SAP Cloud Platform.

This new strategy frees SAP partners from strict resale and implementation activities and offers them a broader role in helping customers become intelligent enterprises.

“SAP and our partners are absolutely focused on identifying new opportunities with customers by moving from SAP-led application value to partner-led customer innovation,” said Adaire Fox-Martin, member of the Executive Board, SAP SE. “We are setting the foundation that will enable SAP partners to contribute more value to the future of business through our technology.”

Fahrbach has been with SAP for 13 years, most recently serving as chief operating officer for the Global Partner Organization. Prior to that, Fahrbach led the Value-Added Reseller Channels for SAP.

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SAP Study Says Up to 93 Percent of Companies Consider Intelligent Technology Key to Digital Transformation

14 March 2019

SAP today announced research findings from a study commissioned by SAP and conducted by an industry analyst firm indicating that intelligent technologies are critical for supporting digital transformation in the enterprise.

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In the survey of more than 740 respondents commissioned by SAP, up to 93 percent of companies agree that innovation technologies are key to achieving their digital transformation goals. To qualify to participate in this study, companies had to meet two important criteria: first, they had to be actively undergoing digital transformation, and second, they must have implemented at least two innovation technologies such as machine learning, the Internet of Things (IoT), artificial intelligence (AI), blockchain and augmented or virtual reality.

The study found that as companies seek competitive advantages, they are prioritizing innovation technologies. As such, these companies are implementing or have already implemented innovation technologies to drive digital transformation:

- **The IoT:** 92 percent
- **AI:** 78 percent
- **Machine learning:** 77 percent
- **Augmented reality/virtual reality:** 70 percent
- **Blockchain:** 68 percent

The study also found that as digital transformation journeys continue to be a priority for enterprises, organizations are increasingly optimizing existing processes to improve efficiency, extending processes to capture new value, and transforming business models to gain new revenue streams. According to the study, 92 percent of companies showed a high interest in platforms that can unify data collected by, and used across, all intelligent technologies and business processes.

Based on the results, different industries are focused on different priorities and leveraging multiple intelligent technologies, according to their varying levels of digital maturity and unique business goals. For example, most discrete manufacturers are prioritizing implementing or expanding predictive maintenance efforts. In comparison, retailers are primarily focused on using Big Data and predictive analytics to make assortment decisions, and utility companies are applying a digital boardroom where executives can see real-time capacity or efficiency rates.

“We were able to uncover some of the challenges and opportunities associated with implementing new technologies,” said Irfan Khan, president, SAP Platform & Technologies, Global Customer Operations. “The study found that as companies seek competitive advantages, they are prioritizing innovation technologies. We are seeing businesses use the IoT, AI, augmented reality, ML and blockchain to improve processes, drive innovation and meet digital transformation objectives.”

As the study states, “Intelligent enterprises win in the digital era. An intelligent enterprise is an entity connecting people, processes, data and technologies as a means to accelerate digital transformation, doing more with less, improving customer engagement and inventing new revenue streams.”

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Solecta Announces Jim Ford as New Chief Commercial Officer

15 March 2019

Solecta is pleased to announce the hiring of Jim Ford as Chief Commercial Officer. In this role, Mr. Ford will oversee all customer-facing activities, including client development, marketing, market strategy, product lifecycle management, application engineering, client experience, and business

development.

Mr. Ford is recognized as a highly accomplished global business executive and transformative leader who drives his teams to large scale improvements and increases in bottom line performance. Mike Ahearn, Chairman of the Solecta Board of Directors comments, “Jim has a reputation for successfully leading mission-critical assignments and creating rapid commercial growth in targeted markets. His leadership style and ability to connect with customers will serve our customers and Solecta well.”

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Three NGC Executives Recognized as 2019 Provider Pros to Know by Supply & Demand Chain Executive

13 March 2019

New Generation Computing, Inc. (“NGC”) today announced that NGC executives Mark Burstein, Fred Isenberg and Roger Mayerson were recognized by *Supply & Demand Chain Executive* as 2019 Provider Pros to Know.

The Pros to Know Awards recognize supply chain executives that are leading initiatives to help prepare companies’ supply chains for the significant challenges faced in today’s business climate. This year’s list includes Provider Pros to Know—individuals from software firms and service providers, consultancies or academia—who helped their supply chain clients or the supply chain community meet these challenges while offering a roadmap for other leaders looking to leverage supply chain for competitive advantage.

Mark Burstein, President, Sales and Development

Burstein’s experience in the fashion and retail industry—both as the former president of a fashion company and now as president, sales and development, NGC—gives him a unique advantage in helping NGC customers solve their supply chain challenges. Burstein understands that the key to addressing these challenges is implementing a digital supply chain to help fashion brands and retailers better align supply and demand and respond quickly to constantly changing demand signals.

Fred Isenberg, President, Consulting Services

Isenberg is responsible for leading all aspects of NGC’s service and consulting organizations, overseeing technology consulting, managed services, and implementation services in order to ensure the highest level of customer satisfaction. He has a unique blend of knowledge and leadership in developing and implementing supply chain business practices and IT systems. Isenberg is responsible for many successful implementations of large apparel and retail companies’ supply chain initiatives, traveling extensively to global headquarters, regional sourcing and logistics offices, factories and distribution centers.

Roger Mayerson, Vice President, Business Solutions

With more than 40 years of experience in manufacturing, wholesale and retail, Mayerson is able to successfully create and implement retail and apparel strategies that drive sales, reduce costs and improve customer satisfaction. Mayerson’s experience developing social and vendor compliance programs, along with managing testing laboratories for leading retailers, puts him in a unique position to guide NGC’s customers and solutions.

“This award is a testament to NGC’s expertise in helping retailers and brands achieve a better alignment of supply and demand,” said Mark Burstein, president, sales and development, NGC. “The recognition of three of our top executives indicates the critical role that NGC plays in helping apparel brands and retailers optimize lead times, improve speed to market and increase product sell-through and profitability. We will continue to deliver innovative solutions and use our expertise to help our customers win in today’s competitive market.”

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Events News

Guest Speakers Announced for INSIGHT 2019

11 March 2019

CGS announced that Chief Global Economist of The Economic Outlook Group Bernard Baumohl and VP for Strategic Research at Salesforce Peter Coffee will be the guest speakers at the annual BlueCherry® user group event, [INSIGHT 2019](#). The three-day CGS Customer event will be held May 14-17, 2019, at Caesar’s Palace in Las Vegas.

As chief global economist at The Economic Outlook Group, Bernard Baumohl is well-known for assessing the direction of the U.S. and world economy. He is also a member of the monthly Wall Street Journal Economic Forecast Panel and his projections on the economy and geopolitical trends are frequently cited in the *New York Times*, *Washington Post*, *Business Week*, *Financial Times* and on National Public Radio.

“I’m looking forward to speaking at INSIGHT 2019,” said Bernard Baumohl. “We are now at a pivotal moment in economic history. For the first time ever, the U.S. is about to begin its eleventh-straight year of growth. How much longer can this cycle last? At the same time, changing demographics and the breakneck pace of technological innovations are fundamentally altering how consumers behave and businesses operate. Yet, looming ominously over everything are also multiple global economic and geopolitical hazards. Navigating through it all means understanding the opportunities and risks ahead.”

Peter Coffee, VP for Strategic Research at Salesforce, brings global insights from the Salesforce “State of the Connected Customer” study – reinforced by stories of companies that represent a pivot from incremental, transactional process improvements to customer-driven, community-building, experience-oriented platforms.

“The BlueCherry community faces global, accelerating challenges and opportunities that are common to nearly every sector and organization, today and as far out as we can see,” said Peter Coffee. “Today’s omnichannel business presence and engagement – for retailers and brands alike – along with multiple interacting networks of preference and influence, as well as rising customer expectations, create a context for competing needs. To be successful, companies will need to address external influences with internal leadership and action.”

The annual event enables industry professionals and executives utilizing BlueCherry solutions to exchange strategies, tactics, solutions and ideas affecting the retail, consumer and apparel markets. Additionally, the event will focus on the next generation of products, software and technology, including

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cloud, cybersecurity and BlueCherry enhancements.

“We are looking forward to hearing from these thought leaders in economics and customer experience technology at this year’s INSIGHT event,” said Phil Friedman, President and CEO of CGS. “Our BlueCherry community brings together leading fashion, apparel and consumer goods executives who look forward to hearing about the latest industry trends and networking with their peers. We expect Bernard and Peter to offer sound, practical advice and valuable financial and tech expertise in this rapidly changing market. I believe our BlueCherry community will gain immeasurable intelligence from these and all of our presenters at the program.”

For more information on the event, including how to register, please visit [INSIGHT 2019](#).



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Hexagon Hosts Third Annual PC-DMIS Users’ Group Meeting at HxGN LIVE 2019

13 March 2019

Hexagon’s Manufacturing Intelligence division today announced it will host its third annual PC-DMIS Users’ Group at HxGN LIVE 2019, 11-14 June 2019 at The Venetian in Las Vegas. Users will get the big picture view of how Hexagon is driving the future of metrology, and a granular look at the software advancements making a major difference in measurement flexibility, productivity and efficiency.

Participants will find a full menu of continuing education tracks, product demonstrations, user feedback sessions and keynote presentations from industry thought leaders. Users’ group attendees will also have access to the entire HxGN LIVE cross-industry digital solutions conference including The Zone technology expo housing all of Hexagon's newest technologies and more than 60 exhibiting sponsors. For more details, [view this informational video](#). To register for the PC-DMIS Users’ Group at HxGN LIVE, visit hxgnlive.com/register.

“The PC-DMIS Users’ Group meeting at HxGN LIVE showcases our strategic work on PC-DMIS 2019 R1, culminating in a perfect balance between user experience and software capability,” states Ken Woodbine, Product Line Manager for Metrology Software. “We focus on all aspects of this market-leading metrology software to ensure each iteration is customer-driven and incorporates groundbreaking features. We look forward to working with our power users at this year’s conference.”

Starting on Tuesday 11 June, this year's PC-DMIS Users’ Group agenda is geared toward helping users to perform their jobs better. There will be a special GD&T training session presented in collaboration with the National Institute of Standards and Technology (NIST) and ASME covering the new GD&T standards and how they will impact applications and workflow. This will be followed by a training session where our GD&T experts will deep dive into how these new standards will impact the user and how they are used in PC-DMIS. The programme content caters to the multi-dimensional needs of production managers, quality managers and quality engineers responsible for measurement strategies, programming and implementing new standards. For a closer look at the track agenda, visit hxgnlive.com/sessions/mi.

On Wednesday 12 June, PC-DMIS users will also get the very first look at Inspire, Hexagon’s new-generation metrology software focused on intuitive use and future-ready implementation. The Inspire development team will share their vision for the powerful software and how its simplicity by design fits into manufacturing operations. Another HxGN LIVE exclusive for attendees is a session introducing

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Virtual Clamping, a brand-new idea utilising Hexagon technology to simplify and cost-reduce the metrology process. The programme will also include advanced topics such as autonomous measurement routine creation, and improving decision making through better collaboration and reporting.

On Thursday 13 June the agenda is dedicated to trends topics important to PC-DMIS users, including a presentation entitled Simplifying the Measurement Execution Experience. Day three will include another valuable session covering the evolution of PC-DMIS measurement workflows and demonstrations of PC-DMIS 2019 R1. Attendees will also get a private sneak peek of PC-DMIS 2019 R2 and learn about the direction the software is heading. The programme rounds out with a session to look behind the scenes of Idea Centre. In this presentation attendees will see what features have been implemented from their ideas, what is in the pipeline and how these ideas are used alongside our product analytics to help shape PC-DMIS going forward.

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Kenesto Sponsors Develop3D 2019

14 March 2019

Kenesto is proud to be a Gold Sponsor at the 2019 Develop3D Event.

DEVELOP3D LIVE is the UK's leading conference and exhibition celebrating design, engineering and manufacturing technology and how it brings world-leading products to market faster.

DEVELOP3D LIVE 2019 will take place on 17th April at Sheffield University, INOX and Octagon buildings, Durham Road, Sheffield S10 2TG.

Sheffield, UK | April 17, 2019 | Sheffield University

INOX and Octagon buildings, Durham Road, Sheffield S10 2TG

Stop by Stand 2-3

DEVELOP3D magazine tracks the essential technologies used throughout the entire product development process, from concept development through analysis to fabrication.

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Mouser Electronics Sponsors 2019 Global Create the Future Design Contest

11 March 2019

Mouser Electronics, Inc., the New Product Introduction (NPI) leader empowering innovation, is pleased to be a principal sponsor of the 17th Create the Future Design Contest, a challenge to engineers and students around the world to create the next great thing. Mouser, which has sponsored the contest for several years, is joined this year by valued suppliers Intel® and Analog Devices, Inc. as co-sponsors. The contest is produced by Tech Briefs Media Group, an SAE International Company. COMSOL is also a principal sponsor of the contest.

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The grand prize winner receives worldwide recognition and a cash prize of \$20,000 for an innovative product that benefits society and the economy. Previous contests have produced more than 14,000 design ideas from engineers, entrepreneurs and students in more than 100 countries.

Last year's grand-prize-winning entry was Invisible Glass, developed by Brookhaven National Laboratory's Center for Functional Nanomaterials. Invisible Glass presents a method for creating surface nanotextures that effectively eliminate optical reflections from glass, silicon and plastics.

"Mouser has been dedicated to fostering education and innovation since our founding," said Kevin Hess, Mouser Electronics Senior Vice President of Marketing. "We proudly support opportunities like the Create the Future Design Contest that bring out the best in engineers and students."

"Mouser Electronics, renowned for providing unmatched service to customers and manufacturers, are also champions of innovation," said Joseph Pramberger, President of Tech Briefs Media Group. "We are pleased to again work with such quality companies as Mouser, Intel and Analog Devices."

The Create the Future Design Contest brings attention to product designs that enhance quality of life, improve the efficiency and quality of healthcare or help to reduce dependence on nonrenewable energy sources. Previous grand prize-winning entries include an economical rapid screening device to prevent food-borne illness and a wheelchair propulsion system designed to increase the user's mobility while decreasing upper body repetitive strain injuries.

The contest was created in 2002 by the publishers of Tech Briefs magazine to help stimulate and reward engineering innovation. The grand prize winner will be chosen from the winners in seven entry categories: Aerospace and Defense, Automotive/Transportation, Consumer Products, Electronics/Sensors/IoT, Manufacturing/Automation/Robotics, Medical, and Sustainable Technologies. For more information, go to www.mouser.com/createthefuture.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

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Financial News

Oracle Q3 FY19 GAAP EPS Increased To \$0.76 and NON-GAAP EPS Up 8% To \$0.87

14 March 2019

Oracle Corporation announced fiscal 2019 Q3 results. Total Revenues were \$9.6 billion, down 1% in USD and up 3% in constant currency compared to Q3 last year. Cloud Services and License Support revenues were \$6.7 billion, while Cloud License and On-Premise License revenues were \$1.3 billion. Total Cloud Services and License Support plus Cloud License and On-Premise License revenues were \$7.9 billion, unchanged in USD and up 3% in constant currency.

GAAP Operating Income was up 3% to \$3.4 billion and GAAP Operating Margin was 35%. Non-GAAP Operating Income was up 2% to \$4.3 billion and non-GAAP Operating Margin was 44%. GAAP

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Net Income increased to \$2.7 billion and non-GAAP Net Income was down 8% to \$3.2 billion. GAAP Earnings Per Share increased to \$0.76 while non-GAAP Earnings Per Share was up 8% to \$0.87.

Short-term deferred revenues were up 1% to \$8.0 billion compared to a year ago. Operating Cash Flow was \$14.8 billion during the trailing twelve months.

“I’m pleased with Q3 non-GAAP results as revenues grew 3%, operating income increased 5% and EPS grew 12% in constant currency,” said Oracle CEO, Safra Catz. “Our overall operating margin improved to 44% as our lower margin hardware business continued to get smaller while our higher margin cloud business continued to get bigger. With year-to-date non-GAAP EPS growth rate now at 16% in constant currency, we will comfortably deliver another year of double-digit EPS growth.”

“Our Fusion HCM, ERP, Supply Chain and Manufacturing Cloud applications revenue in total grew 32% in Q3,” said Oracle CEO, Mark Hurd. “Our NetSuite ERP Cloud applications also delivered strong results with a revenue growth rate of 30%. That said, let me call your attention to the following approved statement about Oracle’s entire applications business from industry analyst IDC.”

Per IDC’s latest annual market share results, Oracle is the #1 Enterprise Applications vendor in North America based on market share and revenue, surpassing Salesforce.com and SAP.

Source: IDC Semiannual Software Tracker, Oct. 2018. Market share and revenue for 2H2017-1H2018. North America is the USA and Canada. Enterprise Applications refer to the IDC markets CRM, Enterprise Resource Management (including HCM, Financials, Procurement, Order Management, PPM, EAM), SCM, and Production Applications.

“The future of Oracle’s Cloud Infrastructure business rests upon our highly-secure Gen2 Cloud Infrastructure featuring the world’s first and only Autonomous Database,” said Oracle CTO, Larry Ellison. “By the end of Q3 we had nearly 1,000 paying Autonomous Database customers and we added around 4,000 new Autonomous Database trials in Q3. It’s early days, but this is the most successful introduction of a new product in Oracle’s 40 year history.”

Oracle also announced that its Board of Directors declared a quarterly cash dividend of \$0.24 per share of outstanding common stock, reflecting a 26% increase over the current quarterly dividend of \$0.19.

Larry Ellison, Oracle’s Chairman of the Board, Chief Technology Officer and largest stockholder, did not participate in the deliberation or the vote on this matter. This increased dividend will be paid to stockholders of record as of the close of business on April 11, 2019, with a payment date of April 25, 2019.

Q3 Fiscal 2019 Earnings Conference Call and Webcast

Oracle will hold a conference call and webcast today to discuss these results at 2:00 p.m. Pacific. You may listen to the call by dialing (816) 287-5563, Passcode: 425392. To access the live webcast, please visit the Oracle Investor Relations website at <http://www.oracle.com/investor>. In addition, Oracle’s Q3 results and fiscal 2019 financial tables are available on the Oracle Investor Relations website.

A replay of the conference call will also be available by dialing (855) 859-2056 or (404) 537-3406, Passcode: 9995836.



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Implementation Investments

CCE's success continues with major semiconductor equipment manufacturer

12 March 2019

CCE has announced that it has signed a services renewal agreement with one of the world's largest semiconductor equipment manufacturer to continue providing product engineering services.

"We have been working with this customer for over a decade now. Their continued commitment to extend this relationship is a huge morale booster for our team. We have been providing advanced product design and engineering support to their team for several years now and have a solid understanding of their processes, way of working and products. Extending this relationship is a win-win for both parties as it means that the customer reaps the benefits of our team's elevated levels of knowledge about their products, and it allows us to offer significantly higher value-added services," said Vinay Wagle, CCE's V.P. Sales & Marketing.

CCE has a large dedicated team of engineers providing the customer with product design and engineering support. CCE's engineers work on tolerance studies, designing assembly fixtures, transportation tools, bolt torque calculations, variation analysis, wiring diagrams, PCBA's, cable routings, conducting design reviews and assisting with technical product documentation and engineering changes among other things.

CCE is a product design and engineering company working with customers across various industry verticals, providing comprehensive solutions to take their product ideas all the way from design to manufacturing. CCE's unique TrEND (Trusted Engineer Next Door) program establishes a reliable always-on communication system that fosters natural sharing of design and engineering ideas in a way as if all collaborators are in the same room. CCE's proprietary, secured web-based Work Order Management System, PowerLink is the perfect complement to TrEND, providing total visibility and accountability of engineering projects by facilitating reliable and secure communications, with a single set of documents available to all stakeholders, worldwide.

For more information on CCE's product design and engineering services, visit <http://www.cadcam-e.com/engineering-design-services.aspx>.

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Dassault Systèmes Chosen by Alstom to Accelerate its Delivery of Customized Trains to Trenitalia

12 March 2019

Dassault Systèmes will supply Alstom with its 3DEXPERIENCE platform to accelerate the delivery of 150 tailored trains to its customer, Trenitalia, the Italian national rail operator and part of Ferrovie dello Stato, introducing a new virtual product experience in the rail industry.

Alstom is leveraging the high-end 3D visualization applications of the "Virtual Garage" industry solution experience to present realistic virtual models of trains that correspond to Trenitalia's needs for regional and suburban transport. Trenitalia can visualize and configure in real time detailed digital variants of full-fledged trains before they are built, such as different combinations of train lengths, passenger seats, bicycle racks, colors, materials, logos and decals. Alstom can ensure that the trains it

delivers correspond to specifications that the customer validated virtually, instead of relying on paperwork and physical prototypes.

“When Trenitalia wanted to offer more comfortable, spacious, brighter and safer trains to its passengers, we decided to innovate beyond our traditional design and engineering processes,” said Luigi Lugaro, PLM & I4.0 Italy Project Manager, Alstom. “Dassault Systèmes enables us to respond to increasing challenges in mobility with the first ever train configurator to be used at an industrial level in the railway sector.”

After the digital train is fully configured, the capabilities of “Virtual Garage,” which have already transformed product configuration, retail showrooms and event reveals for the automotive segment, also convert Alstom’s design and engineering data into high-quality visual assets that Trenitalia can use for its sales and marketing campaigns.

“The application of Dassault Systèmes’ 3DEXPERIENCE platform to marketing and sales in the rail industry is another leap forward in reducing the distance between the virtual world and the real world to zero,” said Olivier Sappin, Vice President, Transportation & Mobility Industry, Dassault Systèmes. “High-impact virtual product experiences offer companies like Alstom and Trenitalia the flexibility and agility to create differentiated, real passenger experiences in the digital economy.”

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Product News

ADLINK Partners with Google Cloud to Offer IoT Ready Solutions

7 March 2019

ADLINK Technology has partnered with Google Cloud to integrate ADLINK’s hardware and software solutions with Google Cloud IoT offerings, providing customers with an easy path to added business value by harnessing and analyzing critical operational data.

“Companies are seeking hardware solutions that are pre-integrated with Google Cloud IoT,” explained Mario Finocchiaro, Head of GTM, Google Cloud IoT. “Partnering with ADLINK gives our customers and partners options for IoT devices and data sources ready to use out of the box.”

Google Cloud is a suite of cloud computing services that runs on the same infrastructure that Google uses internally for its end-user products. Customers can use insight from GCP analytics tools including advanced analytics, AI and machine learning to make informed decisions to optimize operations, enable predictive maintenance, minimize downtime, improve quality and enable the development of new business models and revenue streams.

ADLINK’s contribution of integrated hardware and software also includes ADLINK Edge™ services to channel operational data and enable intelligent decision-making by streaming to Google Cloud for deeper insight. With no programming necessary, ADLINK Edge™ quickly connects previously unconnected operational equipment and sensors. By tapping into native communication protocols, data can be captured and streamed at the edge and securely between devices, databases and to GCP, enabling analysis and easy visualization to inform business decisions and optimize operations.

“Because our area of expertise is at the edge, it’s important for us to work with cloud computing experts,

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such as Google Cloud, to provide the best end-to-end IoT solutions in the industry,” said Lawrence Ross, GM of ADLINK Software and Solutions. “We’re also excited to bring GCP’s scale and best-in-class security to our Digital Experiment offering, which is essentially a starting point for a customer’s IoT journey.”

For more information on ADLINK’s Edge IoT offerings with Google Cloud, visit <https://www.adlinktech.com/en/Google-Cloud.aspx>.

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BETA CAE Systems announces the release of the v19.1.1 of its software suite

8 March 2019

BETA CAE Systems announces the release of the new ANSA/EPILYSIS/META suite v19.1.1.

Apart from fixes in the detected issues, this version also hosts numerous noteworthy enhancements and implementations.

The most important enhancements and fixes implemented are listed below.

Enhancements and known issues resolved in ANSA

Enhancements in ANSA

Model Browser

Model Organization: It is now possible to save in DM "Subsystem folders" that have "INCLUDE" references to other subsystems. This enhancement facilitates the model organization in cases where an assembly, e.g. a vehicle BiW model, needs to be handled as a single include for some disciplines, but needs to be split down to more includes for some others.

Data Management

For DMs that support Library Items through their dm_structure.xml, it is now possible to save such Library Items to DM directly from within the Model Browser's Loadcase and Simulation Model tabs.

Plugins

From Includes to Model Browser: This plugin is a tool that facilitates the migration of a FE model organized with includes to a model organized with Model Browser containers and prepares the infrastructure for modular assembly with the "Smart Assembly" methodology. The tool will guide the user through an includes-labeling process, in order to map each include to the appropriate Model Browser container with the minimum effort. Combined with data management functionality, the tool enables the direct copy of the original include files in the data repository with appropriate metadata, and in this way facilitates the comprehensive management of the migrated model in a modular manner with a data management backbone.

Mapping – SOL200 FE Update: The Plugin now supports optimization results from EPILYSIS, regarding Orientation angle of orthotropic (MAT8 and MAT2) materials on shell elements.

Safety

Interior – FMVSS201U: A new option "Use distance to hard parts" is now available. With this option

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the tool takes into account the Contact Point - Hard Parts distance. The best Horizontal position of the head is estimated by calculating the distance between the contact point and the hard parts (if any) along the X-axis of the head. Moreover, when the option is enabled, the horizontal position is re-calculated, until the most optimized Node is found.

Known issues resolved in ANSA

General

Lists – Modify: Unexpected termination would occur when "F1" or "?" was typed in a column modification field.

Model Browser

Parts – Replace: When an instance of a multi-instantiated part was replaced, the incoming part would not become an instance of the original part. The removal of the replaced instance from the chain of multi-instances was not a desired behavior. Now, when an instance of a multi-instantiated part is replaced, the incoming part remains an instance of the original part.

To see the full release notes, please visit https://www.beta-cae.com/news/20190308_announcement_suite_v19.1.1.htm

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DeSL Releases PLM Integrated Adobe Illustrator Plug-in

28 February 2019

Discover e-Solutions Ltd. (DeSL) is the leading provider of Product Lifecycle Management software and Color Lifecycle Management™ solutions for the fashion, apparel, footwear, accessories, and textile sectors.

DeSL Adobe Illustrator (Ai) Plug-in is built from the ground up to be a seamless integral two-way link between the creative team and the core Product Lifecycle Management (PLM) tool. The Ai Plug-in was developed with designers in mind as a bridge between Illustrator and PLM. Designers can feel comfortable working with data from PLM, creating a Bill of Materials, building tech packs, and requesting samples directly within Adobe Illustrator.

DeSL Ai Plug-in gives designers using Adobe Illustrator access to the complete color palette library, style categories, trim records, size scales, and more features within PLM. The tool allows freedom of the designers to pull data from existing PLM products or create new items saved directly into PLM, all in real-time across the platform.

The Ai Plug-in works the way your team works. The tool's ability to recognize layers and artboards in Adobe Illustrator allows your team to easily build out components for tech packs following pre-defined workflows and request samples directly from vendors. Ultimately, this allows your creative team to work in Adobe Illustrator, while accessing the key components of PLM.

Designers can create a Bill of Materials directly from Adobe Illustrator making color way choices, adding and removing materials, determining packaging, and writing design notes. Changes are streamlined to PLM and made immediately available to the rest of your development team.

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DeSL Ai Plug-in was created to seamlessly bridge the development processes in Adobe Illustrator to PLM. To learn more, request a demo with a DeSL representative.

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Hexagon Launches Dedicated Shopfloor Photogrammetry Solution

12 March 2019

Today sees Hexagon's Manufacturing Intelligence division launch DPA Industrial, featuring the new C1 Camera in combination with the well-established AICON DPA Series photogrammetry measurement system. Designed to make photogrammetric measurement simple and rugged enough to allow inexperienced operation in inhospitable workshop conditions, DPA Industrial is set to establish itself as one of the most accessible high-speed/high-accuracy measurement tools on the market.

The overall DPA Industrial system is a fully portable coordinate measuring system that works over measurement volumes of up to 10 metres diagonal and delivers digital models to an accuracy of within just 10 microns. Full WiFi functionality along with extremely long-life battery operation make DPA Industrial an easy-to-use system for measurement directly in the production environment without causing costly production interruptions.

The new C1 Camera is a ruggedised DSLR camera unit designed to withstand extremely challenging shop-floor industrial environments. The highly resilient casing also presents an extremely simplified measurement process, with settings adjustment and controls moved behind the scenes to produce an essentially point-and-shoot camera that can be used by inexperienced operators to deliver metrology-grade results. The unit features a single button for image capture, along with a viewfinder for controlling field of view.

"In developing DPA Industrial, we were very focused on delivering a simplified user-experience that would both protect against operating errors and make the system easy to use with only basic training," said Andreas Rietdorf, DPA Product Manager at Hexagon Manufacturing Intelligence. "The DSLR cameras required by this sort of measurement system have always been an expensive and delicate investment, so a solution that delivers a more robust experience fits exactly the needs we've heard from users."

DPA Industrial is available to order immediately, with first orders shipping in March 2019.

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HOOPS Communicator 2019 Significantly Improves Performance with New WebAssembly Rendering

14 March 2019

Tech Soft 3D announces the release of HOOPS® Communicator 2019 software development toolkit, powerful technology for building advanced web-based engineering applications. HOOPS Communicator

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now uses WebAssembly for the core rendering component, which will lead to a drastic reduction in library size as well as performance improvements. The size of the main JavaScript (JS) library will be reduced by more than 50%, resulting in faster downloads and startup times for HOOPS Communicator-based applications.

In addition, HOOPS Communicator 2019 supports the BIM Collaboration Format (BCF) Import for communicating coordination information associated to IFC models for Architecture, Engineering & Construction (AEC) applications. This is a critical feature for those developing architectural engineering and construction (AEC) and building information modeling (BIM) applications. These tools provide a robust environment for visualization, query and navigation of construction models.

“Faster and better – these are the constant demands of both developers and users of engineering applications,” said Erik Hultgren, Product Manager Visualization Solutions, Tech Soft 3D. “We continue to enhance HOOPS Communicator with this in mind, and also focus on providing the highest quality graphics possible with today’s technology. No other toolkit can provide the kind of speed, quality and visual fidelity we know are expected when creating complex 3D engineering applications.”

Other improvements featured in HOOPS Communicator 2019 include shadow and reflection plane support, where the HOOPS Communicator viewer can optionally render ground-plane shadows and reflections that automatically update when the geometry changes, improving web graphics visualization. Further performance improvements have been made to shattered loading, where loading large 3D models on the web is faster than ever.

For more information about HOOPS Communicator, visit <https://www.techsoft3d.com/products/hoops/communicator/>

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MagiCAD Group introduces MagiCAD Cloud Premium enabling MEP designers to take full advantage of BIM

11 March 2019

Announced on the MagiCAD blog:

“MagiCAD Group announces the launch of MagiCAD Cloud Premium, a new online service for MEP designers and BIM managers using BIM objects in native Autodesk Revit projects. With MagiCAD Cloud Premium users have up to 70%* of the BIM objects in the MagiCAD Cloud library available for direct product inserts into Revit projects. The service also offers tools for managing, sharing and using BIM object collections online.

MagiCAD Cloud is the world’s largest library of manufacturer-verified BIM objects for MEP design with over 1 million objects from 270 manufacturers. It is a full-scale online BIM platform that provides MEP designers with manufacturer-specific online product selection and configuration tools, as well as advanced MEP-specific product search functions. With the Premium service users will have extended access to the MagiCAD Cloud library with up to 70%* of the MEP objects in the library available for use in Revit projects.

Managing BIM objects with Collections

The MagiCAD Cloud platform includes features for managing and maintaining custom BIM object

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collections. Object collections allow companies of any size to effectively manage their BIM content by employing project- and company-specific content templates. MagiCAD Cloud Premium further extends the functionality of object collections by enabling direct product inserts into projects and by allowing users to conduct searches within collections.

With the launch of MagiCAD Cloud Premium, MagiCAD Group remains at the forefront of developing new methods of collaboration between MEP professionals. The custom object collections can be shared among project stakeholders and among the larger BIM community, promoting cooperation on many levels. This also enables designers to ensure consistency in projects and to include all stakeholders in the development of a BIM object set.

Complete MEP content platform

Unlike other object databases, the combination of product inserts, custom object collections and collaboration through collection sharing makes MagiCAD Cloud Premium offers a complete MEP content platform that supports existing BIM-strategies.

MagiCAD at ISH

MagiCAD Cloud Premium is being debuted to customers at ISH 2019 in Frankfurt 11.-15.3.2019. ISH is the world's leading trade fair for HVAC and water, focusing on the responsible management of water and energy in buildings."



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Matereality Adds Lab Information Management to its Material Data Management Software

13 March 2019

The release of Matereality® Version 12 software is accompanied by eLim, a new bolt-on for companies to manage and operate their test labs. eLim is a web-based software where engineers in the enterprise can browse test catalogs and submit clearly defined test orders that can be carried out by the lab technicians without ambiguity. Combined with features to schedule and track the progress of lab work, eLim leverages all the capability of the Matereality software from test data capture, to data analysis, to report creation and delivery - all on a single platform. eLim can be bolted on to Matereality material data management software to digitalize and streamline the materials & processes side of the enterprise. Diverse teams of technical staff can collaborate seamlessly while using personalized environments and toolsets that have been purposed specifically for their daily tasks.

Lab information management systems (LIMS) have been in use for a few decades, but in the absence of a bridge between lab software and enterprise material databases, both systems get underutilized. eLim is built on the practical understanding of running lab operations from DatapointLabs, a world leader in the testing of materials. The Matereality software remains strongly tied to simulation and product development teams because of the ability to convert data to simulation-ready material files and connectivity to all major simulation and design (CAD/CAE) codes.

"Digitalization is being applied to all aspects of enterprises today. Enormous benefits in operational efficiency, productivity and accuracy can be achieved by going fully digital, where a complete infrastructure exists to handle all the data that emanates from daily tasks," says Hubert Lobo, President of Matereality. The handling of technical information is one of the last frontiers of digitalization because

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of the complexity and diversity of the information that must be captured. Matereality's patented software creates a digital bridge from labs to databases to product development, facilitating challenging tasks with proven, field-tested reliability. Systems such as these can be used to operate and improve manufacturing, testing, design and simulation, and product development.

Applus+ Software, which is developed by Applus+ DatapointLabs Technical Center for Materials, includes the Matereality, eLim, and PicSci brands, representing digitalization infrastructures for materials & processes, test labs, and R&D labs. All infrastructures utilize a common platform that allows for highly integrated operations on a robust environment within the enterprise or on the cloud.

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MEDUSA4 Personal: Version 6.3 provides even higher productivity

13 March 2019

MEDUSA4 Personal has always been a daily companion for many hobbyist designers and small businesses. The new version 6.3 of the software delivers a real boost in performance.

Free 2D and 3D CAD Software

MEDUSA4 Personal has been used worldwide for many years to quickly create 2D drawings for home projects, and by hobbyists to produce 3D models ready for 3D printing. Due to its versatile CAD functionality, and its ability to edit DWG and DXF files, the software has also become established in many small companies. When used by companies, finished drawings are published for commercial use for a small fee e.g. converted to PDF or DXF format. This pay-per-result approach means that there is no cost to purchase the software, only for drawings that are used commercially.

New version with higher performance

With version 6.3, the developer CAD Schroer has significantly increased the performance of the software. For example, the graphics performance of MEDUSA4 Personal has been greatly improved. This means improved handling and fluid presentation of very large and complex 2D CAD drawings. By upgrading the software to 64-bit, this has enabled it to take advantage of the capabilities of the latest 64-bit computer hardware.

3D CAD and Sheet Metal Design included

In addition to extensive 2D functionality, MEDUSA4 Personal also comes with a 3D modelling capability. Existing 2D drawings can be used to create detailed 3D models. Finished models can then be converted to STL format with the help of a conversion service, ready for manufacture with a 3D printer for example. Sheet metal design functionality is also included. This enables you to automatically unfold 3D models of individual sheet metal components, apply bend allowances, and generate 2D drawings of the developed patterns. The finished drawings can then be converted to PDF or DXF form for further processing and manufacture.

Automatically generate drawings with a configurator

MEDUSA4 Personal also includes a parametric module. This makes drawings configurable. For example, the value of individual dimensions can be changed, and the software then automatically adjusts the dimensions and associated geometry. A drawing can also be prepared as a parametric template.

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When using the template, the required dimensional values are entered into a form, and the desired drawing is then automatically generated. An invaluable advantage if you regularly produce the same type of component, but with different dimensions each time.

Include photos and images in CAD drawings

Another advantage over other CAD systems is the possibility to include and process photos and images in 2D drawings. MEDUSA4 supports a variety of common image formats, and transparent images. This enables you to use photos, scans and sketches, together with regular CAD geometry and texts, to create a detailed CAD drawing.

Free for Private Use, Pay-Per-Result for Companies

The personal, non-commercial use of the MEDUSA4 Personal software is absolutely free of charge. The commercial use of the software is subject to the “pay per result” principle: Created drawings are unlocked for commercial use via the CSG eSERVICES portal. Companies do not pay for the software itself, only for the results achieved with it. The Pay-Per-Result principle means that finished drawings are converted to PDF or DXF format for a small fee, ready for commercial use.



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Microdesk Launches BIMrx to Increase Efficiency Across Project Teams of Revit and Non-Revit Users

12 March 2019

Microdesk announces its launch of BIMrx, an application designed for Revit and non-Revit powered users. BIMrx is available for a free 14-day trial, with a yearly subscription cost of \$99 per user or machine.

BIMrx was designed to help increase efficiency when making large-scale changes by democratizing data that enables Revit-and non-Revit-powered users to make updates or calculations. The application retrieves data from a Revit model and pushes it into Excel, allowing users to edit, measure and report at will. The new plugin can help speed up data entry by using Excel formulas and tools, update models with information from non-Revit users or sources, and manage assets by merging model-based information with outside sources.

"BIMrx is our first mass appeal product and it is going to have a major impact on Revit users, non-users and project teams as a whole," said Michael DeLacey, Microdesk principal and CEO. We are excited to offer a data manipulation environment for Revit that will enhance the way project teams work inside and outside Revit. We have set ambitious goals in our fiscal year 2020 for BIMrx and expect its success will lead to rapid developments of the application and future products."

This application along with the Microdesk Accelerator tool are prime examples of how Microdesk constantly strives to enhance and support the Architecture, Engineering, Construction, Owner (AECO) industry. The application is available for download on Microdesk's website. To learn more about BIMrx visit: <https://www.microdesk.com/bimrx/>.



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Numeca announces the official release of OMNIS 3.1

11 March 2019

We are glad to announce the official release of OMNIS™ 3.1.

It's going to bring you exciting new features and product improvements including our new Lattice-Boltzmann based solver. This release comes with a documentation included in the software and available online in our customer area on www.numeca.com.

Save a lot of time and run the most complex simulations

OMNIS™/LB is a particle-based Lattice-Boltzmann solver for complex and high-fidelity flow simulations. It easily handles complex geometry with moving parts, solid contacts, free surface flows. The engineering days spent in geometry preparation, mesh, and simulation setups are now reduced down to minutes of your precious time.

This first release is primarily dedicated to internal multiphase flow applications such as gearboxes, bearings, and volumetric pumps.

Access all technologies in one environment

The Bridge to FINE™ feature enables an analysis workflow which takes advantage of OMNIS™'s meshing and post-processing capabilities as well as the simulation power and all features of FINE™/Open with OpenLabs™, FINE™/Marine, and FINE™/Turbo.

OMNIS™/ENVIRONMENT

Improved user experience

We redesigned the UI for a more focused and intuitive navigation

Save view as images

Orthographic view

More geometry preparation tools

Geometry boolean operations such as union, intersection, and subtraction

Create chamfer and Fillet

Measure distances with a ruler

Extension of your simulation capabilities

Launch simulation on a high-performance computing (HPC) cluster

Animate geometry and flow solution with the time controller

Compute averages and integrals

User-define derived quantities

Connect your own in-house solver with the Solver Plugin API

OMNIS™/HEXPRESS

Import user-defined initial mesh

Close viscous layers

Variable viscous layers

OpenFOAM optimization

OMNIS™/OPEN

Compute the gradient, the divergence, and the curl of a quantity - BETA

Export results to CFView™ - BETA

OMNIS™/LB

Automatic lattice generation

Fully resolved multi-phase flow with small droplets and bubbles

Fully resolved flow through complex geometries and porous media

Immersed boundary (IB) method for body-to-body motion and contact

Strong scalability for computations on a massively parallel architecture



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Pype Launches Next Generation Closeout Platform

4 March 2019

Announced on the Pype blog:

“Pype is proud to announce that we have launched the new version of our Closeout solution - a single portal for closeout documentation management that helps general contractors achieve closeout compliance and get paid faster.

Through open communication channels with existing ENR clients like Clark Construction, Build Group, Layton Construction, and Warfel Construction, we receive invaluable feedback that directly correlates to future innovations of our products. Existing customers are already seeing significant process standardization and ROI using Closeout, and this new release expands on existing features while providing additional functionality that incorporates their feedback.

Pype Closeout features include:

- Automated subcontractor outreach to get you what you need, when you need it
- Powerful dashboards and reporting tools
- Generate polished turnover packages with an indexed and hyperlinked PDF
- Sync with Procore, Sharefile, Box, and Dropbox
- Mobile-friendly – Access your data anywhere, no apps to download or update

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- Bird's-eye view of all projects – See where you stand with a portfolio dashboard
- Digital document collection from subcontractors”

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Soom Introduces Solution To Modernize Electronic Instructions For Use With First-Of-Its-Kind Mobile Scanning Feature

11 March 2019

Soom announces recently a solution that enables compliance with the electronic instructions for use (eIFU) requirements (from EU No. 207-2012) included in the European Union's upcoming Medical Device Regulation (MDR). The solution is the first to offer medical device manufacturers the option to develop a mobile scanning application that eliminates the search process and guards against user error. It's also the only solution that automatically delivers IFU in a user's preferred language, providing quicker access to this critical information.

The goal of MDR, which goes into effect May 26, 2020, is to increase medical device safety and effectiveness. Modernizing the delivery of IFU—from printed to digital—is one way the new regulations will accomplish this. For many manufacturers, complying with the eIFU requirements means redesigning existing business processes.

“Building a comprehensive eIFU system is a time-consuming and expensive task for medical device manufacturers,” said Charlie Kim, Soom president and CEO. “At Soom, our patented platform makes eIFU compliance simple, cost-effective and futureproof. We also included first-to-market capabilities like mobile scanning and single-step language selection that go beyond compliance; these features bring to life the regulation's larger goal of improving patient engagement and safety.”

The Soom eIFU solution integrates with manufacturers' product lifecycle management (PLM) and content management systems (CMS) to deliver the most recent and accurate instructions for use. This content is shared via public websites, mobile app and supported through 24-hour call centers and printed IFU fulfillment as mandated by the regulations.

Manufacturers who also opt to develop a mobile scanning application can either white label the Soom mobile app or embed the Soom software development kit (SDK) into an existing application.

“Our eIFU solution delivers on Soom's mission to use the power and efficiency of technology to improve patient safety and outcomes—for everyone,” added Kim. “Like all that we do, this solution creates a great user experience and delivers the absolute most relevant information to the end user, all with a simple scan.”

Medical device manufacturers that are interested in delivering eIFU to users from a mobile scan can learn more at www.Soom.com.

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Trimble Introduces Tekla 2019 Structural BIM Software Solutions

13 March 2019

CIMdata PLM Industry Summary

Trimble introduced today the latest versions of its structural Building Information Modeling (BIM) software solutions for the construction industry—Tekla Structures 2019, Tekla Structural Designer 2019, Tekla Tedds 2019 and Tekla EPM 2019. Trimble's solutions support professionals in the structural steel, precast and cast-in-place concrete industries with a Constructible Process, an innovative approach for the digital transformation of architecture, engineering and construction (AEC) and engineering, procurement and construction (EPC) workflows.

Tekla Structures 2019 delivers enhancements, improvements and new features that enable smoother workflows, more precise control and improved productivity, including:

- **Geometry improvements** for describing curved structures, such as bent plates and staircases that boost productivity and eliminate the need for workarounds.
- **New automated features** for model-based drawing production and upgraded precast production data exports, which support more streamlined design communication and information transfer from detailing to production.
- **Rebar detailing enhancements**, such as rebar rounding at the model, set and modifier levels, which allow more intuitive control and efficiency when detailing and documenting reinforced cast-in-place concrete.
- **Cast-in-place (CIP) concrete workflows** for improved Pour Unit, which make it easier than ever to create reliable, structured pour takeoffs, reports and drawings.
- **CIP concrete formwork tools** that are upgraded and simplified to boost detailed and efficient formwork workflow.

Tekla Structures 2019 includes new tools such as Revit Export, an extension which brings greater flexibility when working with .rvt files, and the Design-to-Cost tool, which supports faster value engineering and more economical precast solutions.

A new Bridge Creator extension, which makes early design phase workflows faster and easier, has also been introduced as part of a new customized bridge designer role and ribbon menu containing productivity-boosting bridge design tools.

Improvements in drawings include annotation cloning for faster and easier creation of general arrangement drawings, more intelligent handling of drawing views, improved dimensioning productivity, and increased support for a wider variety of Building Information Modeling (BIM) objects. It is also now easier to meet office standards for documents and drawings, with enhanced Drawing Content Management and aligned marks.

Tekla Structural Designer 2019 introduces updates around flexibility and interoperability. The new Core Walls feature enhances real-world simulation and constructible core wall modeling, and new and improved export features focus on data interoperability with Tekla Structures and Autodesk Revit. In addition, the interface and usability for users of Tekla Structural Designer and Tekla Structures have been fine-tuned for a more aligned experience.

Tekla Tedds 2019 offers even better integration with Tekla Structures, meaning more convenient design management for users of both Tekla products. Users can also now create even more professional BIM design documentation and use Tedds calculations to create professional PDFs.

Tekla EPM 2019 introduces an advanced model-based viewer that brings productivity gains through enhanced collaboration and real-time visualization for steel fabrication management. The earlier

versions of Tekla EPM are known as FabSuite.

Tekla BIM and Management Information System (MIS) software solutions are used around the world to design, detail, fabricate and erect construction projects of all sizes from bridges to skyscrapers.

Trimble's continuous development of Tekla software and commitment to innovation enable the company to focus on providing solutions that can transform the structural engineering and construction industries.

Availability

To learn more and to download Tekla 2019 versions, visit: www.tekla.com/2019.



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V-Ray Next for Rhino Out Now

12 March 2019

"We'd like to introduce **V-Ray Next for Rhino**, the first smart renderer made for designers. Tailored tools have expanded the core capabilities of Rhino and Grasshopper, linking photorealistic rendering, scene intelligence and asset management into a powerful new workflow that centralizes the design/visualization experience.

V-Ray Next is faster everywhere you look. Thanks to the optimized materials and overall performance gains in V-Ray Next, rendering speeds are now up to 50 percent faster than before. Improvements to GPU rendering offer another 200 percent, further extended through V-Ray Scene Intelligence, which can show specific improvements up to 7x.

V-Ray Scene Intelligence, introduced in V-Ray Next, automatically analyzes a 3D scene at the start of a render to optimize some of the most common decisions a designer will make. For instance, the new Adaptive Dome Light (ADL) now offers more accurate, image-based environment lighting that's up to 7x faster. This is especially helpful for interiors, where it removes the need to add separate light portals at windows and openings.

V-Ray Scene Intelligence has also improved the V-Ray camera, which can now set exposure and white balance automatically, allowing for picture-perfect renders every time. No-input denoising is also available through the new NVIDIA AI denoiser, which eliminates image noise almost instantly, giving an immediate sense of lighting. This type of denoising is perfect for interactively fine-tuning the look of a scene.

Powerful Asset Management

The new asset management system acts as a new project control center, helping designers streamline workflows and coordinate across projects. Now, you can manage all of their V-Ray scene assets in an intuitive way, and use the live preview function to fine-tune the look of lights, textures and materials from a central location.

Unparalleled Grasshopper Support

V-Ray Next for Rhino launches with the most comprehensive Grasshopper toolset on the market, bringing new abilities to the parametric design tool. With live interactivity, designers can use V-Ray from within Grasshopper to produce stunning visualizations of abstract curves and repeating patterns, without exporting anything back to Rhino. Users can also now animate sunlight, cameras and Grasshopper definitions from the V-Ray timeline. Definitions stay parametric throughout the rendering

process, in both Grasshopper and Rhino.

- **Additional Features Include:**
 - **Enhanced GPU Rendering** – Designers can now access the full power of GPU rendering in V-Ray, adding support for bucket rendering, volumetric effects such as smoke and fog and compatibility with VRscans, Chaos Group’s library of physically accurate, scanned materials.
 - **More Accurate Viewport Previews** – Improved accuracy in the Rhino viewport with enhanced reflections, refractions, bump maps and more.
 - **Automated Rendering with V-Ray Batch** – With access to V-Ray Swarm, it’s now easier to render snapshots and variations of a project, as well as views from multiple Rhino files.
 - **New Lighting Analysis Tool** – Visualize a scene’s real-world illumination values (lux) using the new lighting analysis render element.
 - **New Scripting Support** – Use RhinoScript or Python to automate V-Ray tasks and properties, or access V-Ray capabilities not present in the UI.”



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