

PLM Weekly Summary

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Contents

| Acquisitions | 1 |
|--|-----|
| Accenture to Acquire Knowledgent to Amplify Capabilities that Help Businesses Transform into Data- | |
| Powered Intelligent Enterprises | |
| Accenture Completes Acquisition of Adaptly | 2 |
| Magnitude Software Acquires SAP Innovator Z Option | 3 |
| Company News | _ 3 |
| AXISCADES and Altizon partner to deliver offerings for the 'Factory of the Future' | 3 |
| Maplesoft Announces Appointment of New Chief Executive Officer | 4 |
| Neurable and Trimble Partner to Explore the Use of Brain-Computer Interfaces for the Transportation an | |
| AEC Industries | 5 |
| TCS Named a Leader in IoT Services by Zinnov | 6 |
| Events News | _ 7 |
| Shima Seiki to participate in DTG 2019 expo | 7 |
| Financial News | 8 |
| Infosys to Announce Third Quarter Results on January 11, 2019 | 8 |
| Implementation Investments | _ 8 |
| DirecTEX Adopts Infor Fashion PLM Supported by ICCG for Lifecycle Management and Collaboration | l |
| Platform | 8 |
| Product News | _ 9 |
| New 3-Axis and 4-Axis Mill Post Processor Available for SINUMERIK Controller | 9 |

Acquisitions

Accenture to Acquire Knowledgent to Amplify Capabilities that Help Businesses Transform into Data-Powered Intelligent Enterprises

20 December 2018

Accenture has entered into an agreement to acquire Knowledgent, a data intelligence company, expanding its data management capabilities that help companies gain deep insights into their businesses and customers, creating a strong competitive advantage. Based in New Jersey, Knowledgent employs more than 200 highly skilled "informationists" that provide data strategy and architecture, data engineering, and data management services.

Accenture is driving innovation in data services with investments in machine-led solutions, highly skilled data specialists and leading platform and industry data capabilities, helping clients rotate to data-powered intelligent enterprises. Knowledgent also helps enterprises maximize the value of their data and create competitive advantage by applying innovation to better manage data, using cutting-edge data technologies and significant experience in the life sciences, healthcare and financial services industries.

"We are in the midst of a data revolution, powered by new technologies. Enterprises are using data to gain deep insights into all aspects of their businesses and customers, and build a strong competitive advantage to gain market share," said Bhaskar Ghosh, group chief executive, Accenture Technology Services. "With the acquisition of Knowledgent, we can accelerate our data services to clients, using Knowledgent's top-notch talent, industry experience and proven data solutions."

"With increasing volume and availability, data is now feeding the world. Joining Accenture will allow us to continue our strategy of innovating in and through data for our clients," said Shail Jain, CEO, Knowledgent. "Our combined capabilities will help create more comprehensive, end-to-end data management solutions – from data strategy, architecture, and system integration to managed services—turning data into value at every step."

"We are taking our data services to the next level, helping clients tap into the 'right' data to build a foundation for digital transformation," said Annette Rippert, senior managing director for Accenture Technology in North America. "Knowledgent's talent, experience and solutions complement our existing capabilities to solve business problems by rapidly turning data into actionable insights that drive smart decisions for our clients in North America and beyond."

Completion of the acquisition is subject to customary closing conditions. Terms of the transaction were not disclosed.

Click here to return to Contents

Accenture Completes Acquisition of Adaptly

20 December 2018

Accenture has completed the acquisition of New York-based Adaptly, a digital media services company that enables the world's leading brands to manage data-driven campaigns across prominent digital advertising channels and platforms. The move strengthens Accenture Interactive Programmatic Services and improves its ability to activate, optimize, and measure media cross-platform, helping to drive superior business outcomes for advertisers.

Adaptly is now part of Accenture Interactive Operations, a managed services capability. Drawing upon innovative human-machine talent, data, and technology capabilities, Accenture Interactive Operations drives a step change in omni-channel marketing performance — optimizing campaign performance and return on investment, while also providing real-time performance assessment and full transparency.

Founded in 2010, Adaptly is headquartered in New York City with nearly 150 employees and has additional offices in Chicago, London and Los Angeles. Adaptly partners with some of the leading digital platforms, including Amazon, Facebook, Google, Instagram and Snapchat. Its client roster spans 15 industries and includes brands such as Chico's, Mazda, Prudential, Sprint and more.

Click here to return to Contents

Magnitude Software Acquires SAP Innovator Z Option

31 December 2018

Magnitude Software, Inc., a leader in delivering unified application data management to global organizations, today announced the acquisition of Z Option Inc., Magnitude's fourth acquisition in little over a year and eighth in total. Z Option, a leading provider of cost effective, ready-to-use software that significantly reduces the cost of using and implementing SAP, broadens and deepens Magnitude's leadership presence in the SAP ecosystem, providing even greater value to the Office of Finance.

"Magnitude's mission is to simplify the complex application landscape for our customers, enabling them to realize significant productivity gains by unlocking the value promised by enterprise platforms like SAP," said Chris Ney, Chairman and CEO of Magnitude Software. "Z Option shares a similar mission – to improve customer return on SAP investments by delivering efficient execution of common SAP functions directly from Microsoft Excel®– making Z Option an ideal complement to Magnitude's Unified Application Data Management product family."

Magnitude, recognized on the 2018 Inc. 5000, recently announced the tripling of its recurring revenue, profit and global team over three years. The combination of Magnitude and Z Option facilitates faster, more accurate data management, reporting and analytics across SAP customers' fragmented application environments from the convenience of Excel. Z Option's GLSU and Budget Loader solutions complement Magnitude's growing SAP Application Data Management solution set, which includes agile SAP data management and analytics from Magnitude's Innowera, Every Angle and SourceConnect solutions. Magnitude's Innowera solutions will further increase the productivity of GLSU users as they seek to perform bulk data management and journal entries in their SAP environments through workflow and governance capabilities already available in Magnitude's Innowera solutions.

"We are excited about joining Magnitude as it will provide both companies the opportunity to accelerate global expansion in the SAP market. Together, we offer SAP customers an unmatched, unified application data management portfolio including a flexible, intuitive spreadsheet interface for collecting and posting financial transactions to SAP that boosts employee productivity," said Jim Halepaska of Z Option.

<u>Click here to return to Contents</u>

Company News

AXISCADES and Altizon partner to deliver offerings for the 'Factory of the Future'

2 January 2019

AXISCADES, a leader in product engineering and high technology solutions, today announced it has partnered with Altizon, a global industrial IoT (IIoT) platform company, to help customers build the 'factory of the future' through their combined smart manufacturing and digital transformation offerings.

AXISCADES will be working directly with Altizon's platform and products R&D group to design and build manufacturing applications that will be available to manufacturers embarking on their Industry 4.0 journey. Together, they intend to launch joint sales and marketing campaigns for the North America region.

AXISCADES is a preferred ER&D player today, working with some of the largest enterprises today in the discrete manufacturing space. Their proven domain understanding in this space, having worked as an

engineering and manufacturing services provider, clearly makes them the partner of choice for digitizing activities at the shop floor and helping their customers adopt industry 4.0 technologies better. Headquartered in Bangalore, AXISCADES has 14 engineering centres worldwide including North America, Europe, and Asia. The company recently announced setting up a new Digital- COE in Pune which will house its key technology stacks around Industrial IOT, Augmented Reality, Product Lifecycle Management, Manufacturing Execution Systems, Artificial Intelligence & Machine Learning to name a few.

With a global footprint of over 100 enterprise users, Altizon is a leading Industrial IOT platform. Altizon's award winning technology helps enterprises accelerate their Smart Manufacturing initiatives, modernize Asset Performance Management services and launch new business models for service delivery, among other processes. Altizon's proven technology is successfully being used in a number of industries, including the automotive, tire, steel, chemical, energy and Fast-Moving Consumer Goods (FMCG) markets.

"We continue to expand and augment our Engineering and manufacturing services with technology. Industry 4.0 is about new business models that could change the way any company designs, builds, manufactures & services its products. Given our deep understanding of product development and shop floor manufacturing, and Altizon's capabilities, we are confident of leveraging these technologies to help our customers mature in their own industry 4.0 journey" says Abhijit Chattopadhyay, VP Sales & Global Head Page 2 of 2 Alliances, AXISCADES.

"Altizon is keen on scaling our capabilities to help drive digital transformations globally," says Vinay Nathan, Cofounder and CEO Altizon. "By partnering with AXISCADES we are helping manufacturers realize the 'factory of the future' today by offering our Industrial IoT technology suite complimented by AXISCADES deep manufacturing technology domain expertise – to gain deeper insights, make better decisions and to unlock new business value. Our joint offering will help ensure our clients' Industry 4.0 journey is on a pathway to achieving measurable success."

Click here to return to Contents

Maples oft Announces Appointment of New Chief Executive Officer

1 January 2019

Maplesoft has announced that effective January 1, 2019, Dr. Laurent Bernardin, Chief Scientist and current Maplesoft COO, has been appointed President and CEO of Maplesoft. Bernardin succeeds Jim Cooper, who is moving on to become the full-time CEO of DigitalEd, a company Maplesoft spun-off in early 2018.

As senior Maplesoft executives, Jim Cooper and Laurent Bernardin have worked closely together for more than 15 years. During this time of transformation, Cooper will continue to act as an advisor to Maplesoft, working closely with Dr. Bernardin to ensure a smooth transition.

"It has been an honor to serve as Maplesoft's CEO for nearly two decades. I am incredibly proud of what we've accomplished and I'm excited about the momentum propelling Maplesoft forward," said Cooper. "There couldn't be a better time for someone with Laurent's talents and capabilities to step in as Maplesoft's CEO. With his vast management experience and first-hand knowledge of all of Maplesoft's products, I have no doubt that Maplesoft will continue to transform under his leadership."

Dr. Bernardin has led Maplesoft's groundbreaking research and development efforts across Maplesoft's

portfolio of mathematics and engineering products and services. During his tenure as Chief Scientist and COO of Maplesoft, Dr. Bernardin has spearheaded many important technology shifts that have resulted in substantial growth for the company.

"I'm thrilled to be taking on the management of an organization that I've worked for and believed in for many years," said Dr. Bernardin. "Maplesoft has an exceptionally talented team of people, a track record of innovation and success, and development plans that will continue to revolutionize our products and solutions. I'm delighted to be at the helm as we move into an exciting future."

Dr. Bernardin continued: "On behalf of everyone at Maplesoft, I'd like to thank Jim for his tireless dedication to Maplesoft over the time of his leadership."

<u>Click here to return to Contents</u>

Neurable and Trimble Partner to Explore the Use of Brain-Computer Interfaces for the Transportation and AEC Industries

3 January 2019

Neurable announced that it will collaborate with Trimble to bring brain-computer interface (BCI) technology to innovative solutions in the transportation and architecture, engineering and construction (AEC) industries. The two companies share a common vision of using neurotechnology to support digital transformation by providing a bi-directional feedback loop, driving increased safety and productivity.

Neurable's technology can provide hands-free and voice-free interactions as well as cognitive analytics on behavior for insight-driven and data rich immersive experiences. Trimble and Neurable will leverage bio signals such as brain activity combined with eye tracking technology to improve training efficiency, driver safety and high-risk front-line worker safety as well as provide insights to augment the benefits of a simulation and design evaluation.

"Collaborating with Neurable is another step forward in our mission to transform the way our customers consume, interact and communicate information," said Aviad Almagor, director of the Mixed Reality Program at Trimble. "A new interaction paradigm is required to efficiently merge the digital and physical environments. We believe that BCI technology can play a major role in achieving this future."

Neurable provides interactions and analytics solutions that are missing from today's augmented reality (AR) and virtual reality (VR) wearables. The company's innovations in machine learning and neuroscience allow for the creation of useful electroencephalography (EEG) applications in interaction and behavioral analysis. EEG measures electric activity in the brain caused by the flow of electric currents through neurons. Featuring a software development kit (SDK) with an analytics package and interaction suite, Neurable is a pioneering BCI platform that is focused on understanding user intention and triggering useful interactions in real-time.

"Until now, BCI has lived in the realm of academia and science fiction," said Dr. Ramses Alcaide, founder and CEO of Neurable. "By combining Trimble's proven history of commercializing emerging technologies with our innovations in neuroscience, together we will explore how we can bring the value of BCI to real world applications."

About Trimble's Mixed-Reality Program

Trimble's Mixed-Reality Program provides visionary Architecture, Engineering, Construction and Operations (AECO) companies an opportunity to experience how mixed-reality technology can

transform the way they work. Working together with Trimble, users can utilize mixed reality in their projects to improve team communication, data interpretation and collaboration during the design development and pre-construction stages of their projects. As part of the program, Trimble provides training and implementation support on Microsoft HoloLens and Trimble mixed-reality solutions. For more information, visit: http://mixedreality.trimble.com.

Click here to return to Contents

TCS Named a Leader in IoT Services by Zinnov

4 January 2019

Tata Consultancy Services, a leading IT services, consulting, and business solutions organization, has been named a leader in the Zinnov Zones for Internet of Things (IoT) Services[1], for the third consecutive year.

The report recognized TCS' leadership in IoT sub-service areas like IoT strategy and consulting, IoT engineering, and managed services and support; and in competencies such as IoT sensors and devices, platforms and applications, and Big Data and analytics. TCS also ranked high in use-case based ratings for areas such as predictive maintenance, connected vehicles, and supply chain intelligence.

"In the Business 4.0 era, enterprises are adopting a machine-first approach, leveraging the power of IoT and artificial intelligence (AI) to create exponential value for themselves and their stakeholders," said Regu Ayyaswamy, VP and Global Head, IoT Practice, TCS. "This positioning is a recognition of our innovation, capabilities, broad portfolio of services, and customer-centric approach."

TCS has been partnering customers in business transformation and value creation initiatives, leveraging its contextual knowledge of the customer's business and deep expertise in IoT and other digital technologies. A unique consulting-led Value Discovery Approach is used to identify the right business use cases to maximize value and chart a roadmap for the enterprise. TCS offers a comprehensive portfolio of IoT-related intellectual property and services spanning strategic planning, systems design, implementation, technical and business integration services, and post deployment support and maintenance.

The company's intellectual property-based solutions in this domain, include:

- The TCS Connected Universe Platform, which allows enterprises to easily develop, deploy, and administer IoT applications across the enterprise.
- The TCS IP2 Solution that combines IoT with AI and digital twin technologies to support critical assets of utilities, enhance reliability, improve flexibility, cut emissions, and reduce costs by 2 to 3%.
- The TCS DIGIFLEETTM solution that assimilates telematics and environmental data to provide realtime impactful business insights to customers about their fleet and cargo and helps enhance visibility of their supply chain.
- The TCS Energy Management Solution, which leverages IoT and AI to deliver more than 10% energy savings year-on-year for buildings, manufacturing plants, and warehouses.

"TCS is an industry leader and has built extensive capabilities for end-to-end IoT services. TCS' strong focus on Industry 4.0 for its IoT offerings is reflected in its leadership positioning for use cases such as predictive maintenance and supply chain intelligence. The firm's IP (TCS' Sensor Data Analytics IoT Framework and TCS Connected Universe Platform) is focused around enabling faster digital

transformation enabled through IoT," said Sidhant Rastogi, Partner & Practice Head, Zinnov.

"Our deep domain and engineering expertise, contextual knowledge, intellectual property in the area of IoT, ecosystem partnerships, and our customer-centric approach make us a preferred partner for enterprises in their transformation journeys," added Regu Ayyaswamy.

Click here to return to Contents

Events News

Shima Seiki to participate in DTG 2019 expo

1 January 2019

Shima Seiki, leading computerised knitting machine manufacturer, is set to exhibit at the 16th Dhaka International Textile & Garment Machinery Exhibition (DTG 2019) in Dhaka, Bangladesh, in cooperation with its partner Pacific Associates, in hall 7, booth 311. The textile machinery exhibition will be held from January 9-12, 2019, in Bangladesh.

The company will be exhibiting its latest solutions to meet the current needs of the Bangladeshi market as well as advanced solutions for future market needs. As pioneer of Wholegarment knitting technology whereby an entire garment can be produced in one piece on the machine without linking or sewing, Shima Seiki will show a comprehensive line-up of Wholegarment knitting machines. MACH2X features four needle beds and Shima Seiki's original SlideNeedle, capable of producing highquality fine gauge Wholegarment knitwear in all needles, according to the company.

MACH2S is a V-bed machine that offers the flexibility of producing Wholegarment knitwear using every other needle as well as conventional shaped knitwear using all needles. SWG091N2 provides opportunities in Wholegarment knitting across a wide range of items in a compact, economical package. In conventional shaped knitting, SVR123SP and SVR093SP each feature a loop presser bed mounted above the rear needle bed and is capable of inlay technique for producing unique, valueadded hybrid knitweave fabrics. Each also features such Shima Seiki innovations as DSCS (Digital Stitch Control System), springtype moveable sinker system, stitch presser, yarn gripper and cutter and takedown comb.

Madein-Japan quality, reliability, productivity, user friendliness, and cost performance all combine to satisfy the high expectations of the world's fashion industry. SVR123SP at DTG furthermore features the new iPlating option, capable of alternating yarn colours in any pattern, producing jacquardlike designs using plain jersey stitch. Plating can be performed within the same course and for individual needles for even greater diversity in knit design.

Shima Seiki will also show its allaround strength as textile machine manufacturer by displaying its P-CAM series computerised multiply cutting machine and prototype PSPR2 automatic spreading machine as part of its Shima cutting solutions strategically developed for the Asian and South Asian markets.

Also shown will be the SDSONE APEX3 3D design system. At the core of Shima Seiki's 'Total Fashion System' concept, APEX3 integrates all stages of apparel production into one smooth and efficient workflow from planning and design to production and sales promotion. With ultrarealistic product simulations, APEX3 is also capable of virtual sampling that minimises time, material, and cost

from the samplemaking process. Also demonstrated at DTG is Shima KnitPLM, specialised PLM software for the knitting industry that offers production planning, control and remote monitoring of machine status at multiple factory locations.

Click here to return to Contents

Financial News

Infosys to Announce Third Quarter Results on January 11, 2019

2 January 2019

Infosys Limited will announce the results for its third quarter ended December 31, 2018 on Friday, January 11, 2019 around 4.15 p.m. Indian Standard Time (IST) (5:45 a.m. US ET; 2:45 a.m. PST; 10:45 a.m. London time; 6:45 p.m. Singapore/Hong Kong time). The results will also be available on www.infosys.com.

Click here to return to Contents

Implementation Investments

DirecTEX Adopts Infor Fashion PLM Supported by ICCG for Lifecycle Management and Collaboration Platform

1 January 2019

Founded in 1997, DirecTEX, Inc. is a sweater knit apparel design and sales company that offers fashion-forward, high quality knitwear designs and products combined with outstanding customer service at exceptional prices. They provide the latest knitwear trend analysis and product development services and work closely with partner factories overseas to provide affordable, quality knitwear.

The domestic and international design teams at DirecTEX create seasonal sweater collections, as well as designs specifically for their customers' private labels. This includes yarn development, stitch and pattern creation along with silhouette design. DirecTex offers junior and missy collections under their own brands – "Ivy&ASH" and "Arpeggio Knitwear." And also welcomes collaboration with their customers to turn their design ideas into reality. In addition, DirecTex works closely with its manufacturing partners in Asia to ensure the designs created and manufactured to the quality and standards expectations of its customers.

"Early in 2018, we began researching the possibility of implementing a PLM system to help streamline and simplify our design processes. We spoke with several companies and looked into several different software options. We landed on Infor as our preferred solution as it integrated with Adobe's creative suite, and was flexible enough to handle the technical aspects of knit design, had the ability to create and curate a library of past designs and was able to quickly and efficiently create tech packs to send to our manufacturing partners," Said Jakob Baller, Director of Operations, "we felt most comfortable and chose to go with ICCG as our implementation partner because they had familiarity with the needs of apparel designers. They offered to work directly with our IT provider to create and implement a system, including installing new servers and workstations, to run Infor PLM. They managed the installation of the Infor software package on this new system and then they assisted and train our designers to allow

them to quickly pick up and run with this new program while limiting work disruptions."

"We selected Infor Fashion PLM and ICCG, Inc., as the solution provider and implementation partner as they presented a flexible and robust solution to address our needs and worked diligently with our IT provider and design staff to make our plan become a reality. They listened and responded to any questions or concerns we had in a timely and professional way," said Charleen Baller, Founder and President, DirecTex, Inc. "Any implementation of a complex system including introducing new hardware and software to existing workflows will have hiccups. What is telling about a partner is how they handle these issues as they arise, and ICCG was responsive and diligent in making sure we were fully satisfied by the time the project reached completion."

Balachandran Anantharama, Senior Vice President at ICCG added, "ICCG realized the value addition a technology solution like Infor Fashion PLM can bring to the DirecTex team to help them implement new designs each season faster and also keep complete track from the design to quote to manufacture process. We configured, trained, and enabled the knitwear development team at DirecTex to get faster results and serve their customers with agility while maintaining the quality of their knitwear which was very important for DirecTex."

Click here to return to Contents

Product News

New 3-Axis and 4-Axis Mill Post Processor Available for SINUMERIK Controller 3 January 2019

Mastercam is pleased to announce the release of a new post processor developed with the technical expertise of Siemens CNC engineers. Introducing a 3- and 4-axis post processor for Mastercam Mill that supports the SINUMERIK 808D Control.

Mastercam's 3-Axis and 4-Axis MILL POST PROCESSOR for the SINUMERIK® 808D Control adds the power of Mastercam to the capability of this popular machine. This post processor package includes:

- CYCLE 832 Support for High Speed Settings.
- Work offset support matching control capabilities.
- 808D optimized Drilling Cycles (CYCLE 82, 83, 84, 85, 86, 840) with full 4-axis support.
- Numerical tool call with offset D#.
- TOFFR functionality to support cutter compensation wear strategy.
- Optimized Multiaxis toolpath using the FGROUP and FGREF commands.
- A Siemens application guide.

If you use a SINUMERIK 808D Control and aren't familiar with all that Mastercam can do to improve your manufacturing speed and efficiency, contact an authorized Mastercam Reseller to learn more.

If you are already a Mastercam customer and currently use or are considering a SINUMERIK 808D Control for your shop, be sure to reach out to your local <u>Mastercam Reseller</u> for more information about this post processor and what it can do for your productivity.

Click here to return to Contents