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CIMdata News

CIMdata Brings Acclaimed PLM Certificate Program Back to The Netherlands

22 January 2013

CIMdata, Inc., the leading global PLM strategic consulting and research firm announces that it will bring its highly acclaimed PLM Certificate Program to Amsterdam, The Netherlands from April 22 - 26, 2013. The [CIMdata PLM Certificate Program](#) is the flagship offering of *CIMdata PLM Leadership*, the PLM industry's most comprehensive non-biased education and training offering available for today's PLM professionals.

The CIMdata PLM Certificate Program prepares PLM professionals at several levels to successfully address the challenges inherent in PLM strategy development and implementation. This assessment-based certificate program includes a personalized classroom experience, individual and team-based exercises, and individual evaluations of achievement. Additionally, the program provides intensive and extensive exposure to a team of CIMdata experts. Upon successful completion of the program, each participant receives a CIMdata PLM Certificate and becomes a member of CIMdata's global *PLM Leadership* community.

“We are excited to be holding our first European CIMdata PLM Certificate program of the year in Amsterdam. The demand for well-educated PLM professionals continues to grow, across all industries and regions. We are convinced that our decision to make CIMdata's world-class PLM Certificate

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Program, available at this central location, fulfills that need. Being located near one of the main international transportation hubs in Europe makes CIMdata's world-class PLM education program in Amsterdam easily accessible by air, train, and automobile." said Gerard Litjens, CIMdata's Director of European operations.

According to Peter Bilello, CIMdata's President, "Since the program's introduction in 2009, over 150 global PLM professionals have received their PLM Leadership certificate from CIMdata. In many ways, our program has become the de-facto standard in PLM education. We are extremely excited with the program's success and we look forward to continuing to deliver this valuable program throughout much of the industrial world."

The CIMdata PLM Certificate Program is built on CIMdata's 30 years of extensive worldwide experience guiding industrial companies in successfully defining and implementing best-in-class PLM strategies and tactics. The program is available to industrial companies who are considering or are already implementing PLM, and to PLM solution providers. PLM Certificate Program participants may register online for either a 3-day or 5-day program. For more detailed information about the CIMdata PLM Certificate Program and how to register, visit CIMdata's website at http://www.cimdata.com/services/education/plm_certificate.html.

About the CIMdata PLM Certificate Program

The CIMdata PLM Certificate Program consists of nine educational sessions. These sessions can be completed by either attending the full program delivered over five consecutive days or attending the pre-requisite core PLM Certificate sessions offered over three consecutive days and at a later time, within a 12-month period, completing the remaining sessions over two consecutive days.

The CIMdata PLM Certificate Program is available to industrial companies who are considering and/or implementing PLM, and to PLM solution suppliers. The program is built on CIMdata's close to 30 years of extensive worldwide experience guiding industrial companies in successfully defining and implementing best-in-class PLM strategies and tactics.

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 suppliers of technologies and services seeking competitive advantage in the global economy. In addition to consulting, CIMdata conducts research, provides PLM-focused subscription services, and produces several commercial publications. The company also provides industry education through PLM certificate programs, seminars, and conferences worldwide. CIMdata serves clients around the world from offices in North America, Europe, and Asia-

Pacific. To learn more about CIMdata's services, visit our website at www.CIMdata.com, follow us on Twitter: <http://twitter.com/CIMdataPLMNews>, or contact CIMdata at: 3909 Research Park Drive, Ann Arbor, MI 48108, USA. Tel: +1 734.668.9922. Fax: +1 734.668.1957; or at Oogststraat 20, 6004 CV Weert, The Netherlands. Tel: +31 (0) 495.533.666.

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Acquisitions

Accelrys Strengthens Leadership Position in Laboratory Informatics Market

14 January 2013

Accelrys, Inc. is solidifying its position in the laboratory informatics space with the acquisition of its long-time partner Vialis AG, a systems integrator based in Liestal, Switzerland serving the pharmaceutical, biotechnology, chemicals, and agro-science industries. Vialis' deep experience implementing and supporting paperless laboratory solutions further strengthens Accelrys' position in the laboratory informatics software market and expands the company's capabilities in the downstream analytical development, quality control, and quality assurance and manufacturing areas.

Under terms of the deal, Accelrys has purchased all of Vialis' outstanding stock for approximately \$5 million in cash. The acquisition includes potential for additional incentive consideration of up to approximately \$5 million in cash, contingent upon meeting specified growth objectives over the next three years.

"With demonstrated success in improving laboratory operations by integrating core software systems critical to improving innovation – including electronic laboratory notebooks, laboratory execution systems, and laboratory information management systems – Vialis brings key domain and delivery expertise to Accelrys, and we welcome them to our team," said Accelrys President and CEO Max Carnecchia . "This acquisition is a natural complement to our two most recent software acquisitions of Velquest and Aegis Corp., furthering our strategy to deliver software solutions that optimize the laboratory-to-commercialization value chain."

In addition to its systems integration services, Vialis' business process consultancy delivers process improvements in lab data management. Employing a proprietary approach to analyzing existing lab processes, Vialis' business process consultancy services help customers optimize efficiency, enhance quality by design efforts, increase compliance, maximize knowledge re- use and reduce cycle times.

The entire Vialis team is joining Accelrys. The team will be primarily focused on the recently announced Accelrys Process Management and Compliance Suite, which is designed specifically to enhance product and process insight, facilitate collaboration and streamline product development from research through late-stage quality control and manufacturing. The suite includes the Accelrys Electronic Laboratory Notebook, Accelrys Laboratory Execution System, Accelrys Electronic Batch

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Records, Accelrys Enterprise Platform and the Accelrys Discoverant solution recently acquired from Aegis.

"As a long-standing partner, we share Accelrys' vision of transforming the innovation lifecycle by delivering paperless laboratory solutions that enhance our customers' abilities to meet the operational challenges that are slowing scientific innovation," said Vialis CEO Ulf Fuchslueger, PhD. "Importantly, we share closely aligned go-to-market approaches and we believe this transition will bring significant leverage to our customers and partners."

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Company News

BEACON Wins Awards at SolidWorks World 2013

24 January 2013

The New Year 2013 began with a big bang for Best Engineering Aids & Consultancies (P) Ltd., (BEACON) as they were awarded the Best SolidWorks Reseller in India by Dassault Systèmes SolidWorks Corp at the just concluded SolidWorks World 2013 event, held on January 20-23, 2013 at the Walt Disney World Swan and Dolphin in Orlando, Florida. This annual event conducted by SolidWorks has thousands of attendees, with partner pavilions showcasing hundreds of technology products that work with SolidWorks, in-depth training sessions, and the grand event finale where SolidWorks Value Added Resellers (VARs) across the globe are awarded for their achievements in promoting SolidWorks solutions.

The event witnessed BEACON winning a host of other awards as well, including:

Best Simulation Reseller in India

Best 3D Via reseller in India

100% achievement in India

The most significant honor came with the announcement of the Presidents Club award, for BEACON, which made it a hat-trick of sorts, as this was the third time in a row that BEACON was winning this prestigious award. The President's Club Award recognizes top performers among the global SolidWorks Reseller community, and who demonstrate a commitment to providing customers with a comprehensive SolidWorks Solution to their design, engineering, and manufacturing challenges.

Finally, BEACON also walked away with the award for the Highest Customer Satisfaction Rate in rest of Asia. The award validates SolidWorks customers' appreciation for BEACON's services, reaffirming its status as a No.1 Reseller for SolidWorks in India.

“We intend that these Awards become an important marker in the calendar in years to come. I sincerely

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thank entire BEACON team for your contribution for achieving such distinction. We should do better in 2013..." said Varakumar Siddavattam, Director, BEACON

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CADsoft Consulting Earns Autodesk Fabrication Specialization

18 January 2013

CADsoft Consulting Inc., a provider of technical design and engineering solutions, and trusted advisor to AEC professionals, announced that it has earned the new Autodesk Fabrication Specialization designation for value added resellers (VARs) from Autodesk, Inc. As an Autodesk Specialized Partner, CADsoft Consulting has shown that they have made significant investment in their people, have a solid business plan specific to their specialization area, have customer references, and they can provide a high level of fabrication product experience and support to customers in the AEC industry.

The new Autodesk Partner Specializations enable partners to highlight and brand their expertise in delivering services in key industry areas. By completing the required curriculum and training, as well as meeting required levels of service and standards set by Autodesk, CADsoft Consulting demonstrates, through their strong customer service and support in sales, what it means to be a trusted adviser to Autodesk customers throughout the world.

"With this specialization, we continue our commitment of delivering specific and proven expertise to our industry. By providing guidance on the use of fabrication we help our customers extend design-intent models from Autodesk Revit software for detailing, fabrication, and installation of MEP building services systems", stated Lisa Duncan, principal, CADsoft Consulting.

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Dassault Systèmes Announces SolidWorks Surpasses Two Million Licenses Sold

22 January 2013

Dassault Systèmes today announced that it has sold two million licenses of its SolidWorks 3D design software, and that the 3D ContentCentral sharing site registered its one millionth user, confirming the strength and engagement of the SolidWorks community. Dassault Systèmes also announced the introduction of My.SolidWorks, a new free service that aggregates company and community knowledge. These milestones were officially announced yesterday at the 15th annual SolidWorks World event taking place from January 20-23, 2013, in Orlando, Florida.

Powered by Dassault Systèmes' 3DEXPERIENCE platform, the SolidWorks 3D design software application has significantly evolved over the last 20 releases, with new innovations that help advance engineering while meeting consumer demand and design needs. Customers who design a wide range of products, from the miniature, complex designs of Franc Mueller watches to the massive space vehicles

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designed by SE Corp, rely on SolidWorks to bring their ideas to life.

“Since 1999, SolidWorks has been one of Bosch’s top resources for delivering higher quality, more innovative products to our customers faster,” said Janine Essex, Senior IT Leader, Global Manufacturing Engineering, Bosch. “With a 15-year working relationship, partners can get complacent, but it’s clear that SolidWorks never gets comfortable and always finds room for improvement. Designers and engineers are constantly striving to improve their projects, and it’s only fitting that SolidWorks embodies the same desire in the software helping to create products that impact the world.”

Dassault Systèmes has always made knowledge sharing among SolidWorks users a priority, and over the years has focused on customer feedback to effectively evolve and support its application. The active community on 3D ContentCentral and the launch of My.SolidWorks show how Dassault Systèmes helps users share information. 3D ContentCentral is a free service enabling users to search, configure, download and request 2D and 3D configurable models of engineering components from thousands of suppliers.

In addition, My.SolidWorks pulls relevant information (forum discussions, blog posts, YouTube, Twitter, help files and more) into a single view. Currently in public beta, My.SolidWorks can be customized so that users only see the information and updates most relevant to them and their industry. Existing SolidWorks subscription service customers also gain access to customer portal information, such as Knowledge Base resources and Software Performance Reports, allowing them to browse and search both public and private areas for answers to their questions simultaneously.

“In three short years, the SolidWorks community has doubled in size, growing from one million to two million users. This milestone, along with the achievement of one million users on 3D ContentCentral, demonstrates that SolidWorks users are active, passionate, and collaborating online every day,” said Bertrand Sicot, CEO, SolidWorks, Dassault Systèmes. “As custodians of the community, we’re passionate about helping our customers create, innovate and design the best products possible. My.SolidWorks will help our users better leverage the energy and knowledge of the community.”

For more information about how to join the My.SolidWorks beta visit: www.my.solidworks.com

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D/C/CADD Earns Autodesk Consulting Specialization

22 January 2013

[D/C/CADD](#), an Autodesk solutions provider offering software and services to the building, infrastructure, and manufacturing communities, announced that it has earned the new Consulting Specialization designation for value added resellers from [Autodesk, Inc.](#)

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As an Autodesk Consulting Specialized Partner, D|C|CADD has shown that they have made significant investment in their people, they have a solid consulting business plan, they have referenceable customers, and that they offer a high level of knowledge and support to customers in the architecture, engineering, construction (AEC), and manufacturing industry.

“Earning this designation emphasizes our long-term strategy of providing viable solutions to our customers” said Doug Wietbrock, company president. “For the past 26 years, we’ve focused on going beyond basic implementations by assisting our customers with maximizing their investment in Autodesk design solutions.”

The new Autodesk Partner Specializations enable partners to highlight and brand their expertise in delivering services in key industry areas. By completing the required curriculum and training, as well as meeting required levels of service and standards set by Autodesk, D|C|CADD demonstrates through their strong customer service and support in sales what it means to be a trusted adviser to Autodesk customers throughout the world.

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Delcam Welcomes Canadian High Commissioner to Birmingham

24 January 2013

Delcam hosted a visit to its Birmingham headquarters by the Canadian High Commissioner, Gordon Campbell, on 17th January. The visit was part of a tour of companies and local government offices in the West Midlands aimed at strengthening business links between the region and Canada.

Delcam was chosen to be part of the tour because of its long history of supplying its CAD/CAM software to manufacturing companies in Canada. After selling through resellers for a number of years, the company opened its first office in North America in Windsor, Ontario, the centre of the country’s toolmaking industry, in 1996. It now employs 16 staff in offices in Windsor and Toronto. Together with reseller, Les Technologies, that covers sales in the French-speaking region of Canada, Delcam Canada supports around 1,500 customers, ranging from internationally-known names to small subcontractors and toolmaking companies.

After the visit, High Commissioner Gordon Campbell said, "I’m delighted to be able to visit Delcam, a company that has operated in Canada for more than twenty years. The success that the company has experienced is a great example of the opportunities that exist for Canada-UK partnerships. Our countries have a strong commercial relationship, which has the potential to spur new growth, jobs and improved economic prosperity on both sides of the Atlantic.”

Delcam’s Chief Executive, Clive Martell, responded, "We were extremely pleased to welcome Mr. Campbell to Delcam. The visit is particularly timely as we enjoyed a very successful year in Canada during 2012, with our sales increasing by more than 50% over 2011.”

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DISTENE Announces a Partnership with intrinSIM for MeshGems Software Components

25 January 2013

DISTENE, a leading OEM provider of meshing technology on the CAD/CAE software developers market, is pleased to announce that intrinSIM has signed a definitive agreement to add MeshGems to its portfolio of Embeddable Applications for Engineering Applications. intrinSIM is a premier source of embeddable technologies for engineering applications and represents a broad portfolio of leading edge tools suitable for commercial or in-house engineering software applications through a unique technology broker model.

The MeshGems product line is the next generation meshing technology from DISTENE with an API framework architecture. In addition to the world renowned Volume Meshing technology, MeshGems provides a comprehensive range of functionality including Surface Meshing, Mesh Processing and Mesh Adaptation. intrinSIM will partner with DISTENE on business development and licensing of the MeshGems technology on a worldwide basis.

“DISTENE is well known throughout the industry for robust and efficient mesh generation technology,” says Joe Walsh, CEO, intrinSIM “We are excited about extending our Simulation related technology portfolio to include the exciting new MeshGems product line.”

“We are looking forward to working with intrinSIM on licensing of MeshGems to software developers,” says Laurent Anne, Sales & Marketing Director at DISTENE. “The combination of the MeshGems technology and the intrinSIM business development background and experience will facilitate the rapid deployment of the automated mesh generation capabilities for both new and existing applications.”

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Ideate, Inc. Earns Autodesk Fabrication Specialization

24 January 2013

Ideate, Inc., an Autodesk Gold Value Added Reseller, announced that it has earned the new Fabrication Specialization designation for value added resellers from Autodesk, Inc.

As an Autodesk Specialized Partner, Ideate has shown that it has made a significant investment in its people, that the company has a solid business plan specific to its specialization areas, has customer references, and that it provides a high level of expertise, experience and support to customers. Ideate offices including San Francisco and Sacramento, CA, Portland, OR and Seattle, WA have achieved the Fabrication Specialization.

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Autodesk Partner Specializations enable value added resellers to highlight and brand their expertise in delivering services in key industry areas. By completing the required curriculum and training, as well as meeting required levels of service and standards set by Autodesk, Ideate demonstrates through its strong customer service and support in sales what it means to be a trusted adviser to Autodesk customers throughout the world.

“Fabrication applications encompass a wide array of powerful and integrated tools for estimating, cost analysis, detailing and fabrication,” says John Souza, director of sales, Ideate, Inc. “Achieving the Fabrication Specialization is a new opportunity for us at Ideate to demonstrate our commitment to our customers’ success. This specialization supports our customers’ need to improve design workflows, facilitate stakeholder collaboration and enhance productivity throughout a project’s lifecycle.”

For more information visit, www.ideateinc.com.

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Infor Hires Tim Moylan to Lead Asia-Pacific

21 January 2013

[Infor](#) announced that it has hired industry veteran Tim Moylan as President, Asia-Pacific. Based in Singapore, Moylan will be responsible for Infor's operations across APAC, including Australia, Greater China, India, Japan, Malaysia, New Zealand, Thailand, and Singapore, among others.

"Recognizing that the needs of companies in one industry are distinctly different from those in another, Infor provides solutions that are specialized by industry rather than the traditional one-size-fits-all approach that requires heavy customization," said Stephan Scholl, President, Infor. "Tim brings a deep understanding of the needs of the Asian market across a broad spectrum of industries, making him the ideal person to lead operations in this critical growth region for Infor."

Prior to coming to Infor, Moylan served as president of SAP South East Asia, where he was responsible for operations in 15 countries. An 18 year industry veteran, Moylan has held various leadership roles across project management, consulting and sales. He is a graduate of University of New South Wales in Sydney and also of Royal Military College in Duntroon.

"Over the past two years I have watched Infor transform into the most innovative company in the enterprise software industry," said Moylan. "I am thrilled to become a part of the Infor team, and eager to work with Asian companies to provide them with solutions that improve their operations while helping to reduce their total cost of ownership."

Moylan will have oversight for all of Infor's focus industries including, Automotive, Aerospace and

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Defense, Chemicals and Life Sciences, Distribution, Equipment, Fashion, Food and Beverage, Healthcare, Hospitality, Industrial Manufacturing, and Public Sector. He will be charged with helping Infor customers take advantage of Infor ION, Infor's lightweight integration framework, to create comprehensive suites that are specialized for the needs of specific industries and micro-verticals.

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NASA and Autodesk Collaborate on Sustainable Building Performance Monitoring

22 January 2013

[Autodesk Inc.](#) and NASA Ames Research Center are collaborating to research and develop new technology that can monitor and optimize the operational life-cycle of high performance buildings. Researchers from [Autodesk Research](#) and NASA will implement [Autodesk Project Dasher](#) technology at the [NASA Ames Sustainability Base](#), a 50,000 square foot office building and showcase for technologies enhancing efficient resource utilization, including those developed by NASA for its space and aeronautics missions. Autodesk Project Dasher is an experimental [Building Information Modeling](#) (BIM) based platform that can provide building owners and operators with insight into full life-cycle real-time building performance.

With its specialized sustainability features, and because it was designed in-part using Autodesk software for BIM, the NASA Ames Sustainability Base was an ideal choice for this research project. On-site power generation from photovoltaics and a solid oxide fuel cell provide more electricity than the facility requires and contribute excess capacity to the NASA Ames local grid. Sustainability Base also uses landscape design solutions, remediated ground water, and water reclaimed using NASA technology designed to reduce its potable water footprint by 90 percent when compared to a traditional building of comparable size.

“NASA Ames operates Sustainability Base not only as an attractive workspace and a high-performing facility, but as a dynamic laboratory for advancing technologies for the built environment. An accurately detailed building information model, accessible and useful to facility operators, is a critical component to managing buildings effectively. Through our collaboration with Autodesk and implementation of Project Dasher, we hope to optimize the lifecycle operations of, and achieve unprecedented operational efficiencies with, Sustainability Base while helping to contribute to industry best practices for use of BIM in building performance management,” said Dr. Rose Grymes, Technical Lead for Sustainability, NASA Ames Research Center.

Autodesk Project Dasher is designed to provide the interactive building management capabilities that will enable the on-going optimization of facility function that is critical in high performance buildings. Autodesk researchers are currently engaged with NASA Ames architects, planners, researchers, and facilities engineers to develop and test the visualization and analytical tools inside Project Dasher to better address the gap between design and operations. This collaboration is part of a Non-Reimbursable Space Act Agreement between NASA Ames and Autodesk, Inc.

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“Our collaboration with NASA Ames is offering a unique opportunity for Autodesk to develop, augment, test, and validate the use of BIM as a process for building lifecycle management,” said Jeff Kowalski, Autodesk chief technology officer. “Through this cooperation, we are actively improving and modifying the Project Dasher technology so in the future, facility owners and operators will be able to take a more integrative approach to maintaining the complex balance between energy-saving measures and occupant comfort.”

Autodesk Research developed Project Dasher in response to the growing need for tools that can help to continuously evaluate and verify building performance. The goal of Project Dasher is to go beyond existing building dashboards to represent a comprehensive framework for monitoring building performance. Project Dasher acts as a visualization hub where collected data from various sources is intuitively aggregated and presented in 3D. This can enhance the ability of building owners and operators to infer more complex causal relationships pertaining to building performance and overall operational requirements. Autodesk Project Dasher is not currently available for commercial use.

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PTC Updates Name to Reflect Expanded Scope and Vision

24 January 2013

PTC today announced it is changing its legal name to reflect the full breadth of its current technology portfolio, market scope, and corporate vision. While the company has operated as [PTC](#) for some time, the company's legal name has remained Parametric Technology Corporation, directly reflecting its earliest market innovation - the first parametric, feature-based, fully-associative solid-modeling software. Effective January 28, the company is changing its legal name to PTC Inc. to align with its broadened purpose of helping manufacturers [transform the way products are created and serviced](#).

Although a modest update, the legal name change acknowledges how far the company's capabilities have expanded through acquisition and organic development over the past 25 years. From its roots as a pioneer in desktop CAD, the company soon followed with another first - web-based software for managing the proliferation of product-related information - helping to define the modern product lifecycle management (PLM) market. According to industry consulting firm CIMdata, the global market for PLM and related technology and services is expected to reach nearly \$50 billion by 2016.

Under the leadership of current CEO Jim Heppelmann, the company has pursued an aggressive strategy of acquisitions and rapid organic development to expand its offerings into fast-growing markets. In recent years, PTC has extended its PLM portfolio to include application lifecycle management (ALM) capabilities to help manage development of software-intensive "smart" products, as well as to include supply chain management (SCM) capabilities, particularly in the retail sector where industry analyst firm IDC recently acknowledged PTC as the clear market share leader. In addition, last year the company accelerated its entry into service lifecycle management (SLM) with an acquisition that gives PTC the broadest footprint of enabling technology and largest customer base in this fast emerging

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market. Today, the company delivers technology solutions across the broadest definition of a product's lifecycle - from conception and design to sourcing and service.

"As we look at the landscape of the global manufacturing industry, it is clear that a transformation is underway," said Jim Heppelmann, president and CEO of PTC. "To address that change, PTC has been evolving as well - expanding our vision, market scope, technology portfolio, and our ability to help our customers achieve competitive advantage. With this move, we are simply updating our legal name to reflect the reality of who PTC is today."

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Toyota Demands PLM Openness

23 January 2013

March 2012 the ProSTEP iViP Association published the Codex of PLM Openness (CPO) and started the correspondent initiative for openness in product lifecycle management (PLM). Now, Toyota signed the CPO. This underlines that with its CPO initiative the Association is at the cutting edge and internationally accepted. Including Toyota over 50 well-known companies have signed the Codex of PLM Openness so far. First surveys indicate that for companies it contributed to first business benefits. A list of CPO signees as well as additional information on the CPO is available at <http://www.prostep.org/en/cpo.html>.

For more information on ProSTEP iViP, please visit www.prostep.org.

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Events News

Anark Announces MBEWorks™ for SolidWorks 2013

18 January 2013

Anark Corporation, a provider of automated 3D CAD transformation and product visualization solutions announces Anark Core MBEWorks for SolidWorks 2013. This new version of MBEWorks will be demonstrated for the first time at SolidWorks World 2013 (booth # 807) held at Disney World (Swan and Dolphin) in Orlando Florida on January 20-23, 2013.

This new release of Anark Core MBEWorks has the ability to transform native SolidWorks® 2013 parts and assemblies with 3D dimensions & tolerances, 3D GD&T, and other 3D notes into high-fidelity 3D PDF and 3D HTML MBE documents.

"This capability allows SolidWorks customers to quickly move away from old school 2D Drawings (which adds up to 30% to the cost of an engineering organization) into the operationally superior and

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easier to understand 3D Model Based Enterprise (3D MBE) environment," said Chris Garcia, EVP of Global Commercial Operations and Business Development at Anark Corporation.

Anark Core MBEWorks generated documents are free to deploy and free to view because they are created in native Adobe 3D PDF format which can be viewed with the Free Adobe Reader and native HTML Web browser format which can be viewed in off the shelf free internet browsers (like Internet Explorer).

New to Anark Core MBEWorks for SolidWorks 2013 is the ability to open native 3D PDF Engineering Documents (Technical Data Packages) directly into SolidWorks 2013 and to transform these 3D PDFs into their equivalent SolidWorks Solids, associative 3D MBD data, engineering views and custom engineering properties.

This is true regardless of which 3D CAD system originally generated the 3D PDF. For example, Creo-generated 3D PDF design documents can be opened and regenerated as native SolidWorks Parts and Assemblies with associative 3D dimensions and tolerances, originally defined by the Creo designer remaining completely intact.

"The new ability to import design and tolerance data via 3D PDFs generated from other CAD systems allows SolidWorks users to cost effectively work with upstream Prime Contractors. The data that was once locked in proprietary formats can now be recreated as a complete product definition in SolidWorks", said Fielder Hiss Vice President of Product Management for DS SolidWorks Corporation.

The DOD predicts that this ability to easily re-create the complete product definition from open 3D MBD TDPs will reduce the cost of scrap and rework by 19% and will improve the time to receive spares, repairs and upgrades from their suppliers by as much as 50%.

Additional new features and enhancements for Anark Core MBEWorks include the following for users of both SolidWorks 2012 and 2013:

- Accelerated 3D PDF Publishing
- Enhanced performance for loading/managing large models and assemblies
- HTML based MBE-TDP (MBEWeb) Viewer support
- Floating License Offering & New License Management System
- Anark Core Server control enhancements for automated 3D PDF publishing
- Many more

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AVEVA Hosts Solution Showcases in India

21 January 2013

AVEVA announced today that it is launching a Solution Showcase across four cities in India to feature

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AVEVA's software solutions for the Process Plant, Power and Oil & Gas sectors. Those attending the showcase events will also participate in the Indian debut of AVEVA Everything3D (AVEVA E3D™), AVEVA's new product that enables Plant Design for Lean Construction. Engineers, designers and project managers will have the opportunity to learn more about the technology and business benefits of AVEVA's solutions for Integrated Engineering & Design and Information Management.

'The AVEVA Solution Showcase is a great chance for us to listen to the needs of the very important process plant and energy industries', said Evgeny Fedotov, Senior Vice President, Russia, India & Middle East, AVEVA. 'In the last year AVEVA has celebrated its 45th anniversary so we have a great deal of experience to share with our customers. Our many years of success are grounded in the long-term partnerships that we develop with our customers, so it's very rewarding to be able to introduce such exciting technologies as AVEVA E3D, AVEVA Enterprise Resource Management and our AVEVA NET suite of information management products to the Indian market.'

'As with other rapidly growing economies, India is seeing an increased demand for new plant projects and an influx of engineering resource', said Navtej Garewal, Senior Vice President, Head of India, AVEVA. 'During the showcase events we will demonstrate how our innovative solutions are helping to overcome common project and business challenges, both within the Indian market and on a global scale. AVEVA's software offers intuitive user interfaces, integration of engineering and design applications, and collaborative multi-site project execution. Our software solutions minimise the time and cost for new plant projects, while enabling companies to make rapid and well-informed decisions that reduce operating risk.'

The four events will take place in the following cities:

- New Delhi - 11th Feb 2012, ITC Sheraton
- Chennai -12th Feb 2012, Hyatt Regency
- Kolkatta -13th Feb 2012, ITC Sonar
- Mumbai - 25th Feb 2012, Hyatt Regency

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Geomagic® Freeform® Customer CARTIS to Showcase Benefits of Digital Design and Additive Fabrication in Maxillofacial Surgery

24 January 2013

[Geomagic®](#) has announced that its customer [CARTIS](#) (Centre for Applied Reconstructive Technologies in Surgery), of Cardiff, Wales, will present its best practices for the production of custom medical devices using digital technologies and additive manufacturing fabrication methods. This presentation will take place at the upcoming Advanced Digital Technologies North America Regional Leadership Group Conference, to be held in La Jolla/San Diego, California, January 25-26, 2013.

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CARTIS is a unique partnership that combines the medical and technical expertise of [the Maxillofacial Unit at Morriston Hospital](#) and the [National Centre for Product Design + Development Research \(PDR\)](#) at [Cardiff Metropolitan University](#). Through collaborative research and clinical application, the Centre has pioneered the effective application of advanced design and manufacturing technologies in reconstructive surgery and prosthetic rehabilitation.

Mr. Sean Peel, a Ph.D. candidate and medical applications research technician at Cardiff Metropolitan University and its Patient-Specific Medical Design Knowledge Transfer Center, will present three case studies that detail the use of disparate digital technologies to efficiently merge design expertise with clinical requirements. These cases have yielded a cranioplasty implant, an orbital-temporal implant, and a zygomatic osteotomy positioning jig/drilling guide. In creating these implants and guides, designers used the Geomagic® Freeform® 3D modeling system to perform digital anatomical reconstruction, implant form design and final implant detailing. These pieces were ultimately produced using additive manufacturing processes that included electron beam melting, selective laser melting and stereolithography.

“The advances made possible by using the right software in the digital workflow are astonishing. Geomagic Freeform has become the centerpiece of our process because it lets us sculpt our devices accurately and aesthetically, and it provides the digital output formats needed for advanced additive fabrication methods,” said Dr. Dominic Eggbeer, Research Officer at Cardiff Metropolitan University and member of CARTIS.

After fabrication each of the three designs were used or implanted successfully. In each case design and surgical time was significantly reduced, and, importantly, no modifications of the designs were required in-theater. In terms of quality, the design process was on par with, or better than, traditional lab methods, the main benefits being a significant increase in fit accuracy and fewer surprises in the operating room.

“The best practices presented by CARTIS at this event provide a reminder that 3D software truly has the power to change lives,” said Joan Lockhart, VP of Marketing, Geomagic. “We applaud the work of organizations such as CARTIS for showing that 3D scanning, digital design and new additive fabrication technologies can be used in transformative ways for the betterment of humanity. I’m proud our solutions play a part in this life-changing work.”

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Keynote Speaker Announced For 2013 3D Collaboration & Interoperability Congress

21 January 2013

Longview Advisors, organizers of the annual Collaboration & Interoperability Congress (CIC), today announced the keynote speaker for its 2013 event (www.3DCIC.com) to be held May 21-23, 2013 in Colorado Springs, Colorado.

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Thomas Kurfess, Assistant Director for Advanced Manufacturing at the Office of Science and Technology Policy in the Executive Office of the President of the United States of America, will present "A Roadmap for Impact: Driving Innovation in the New Age of Manufacturing." Professor Kurfess will discuss the impact of manufacturing on innovation, and the policies, initiatives and opportunities upon which the economic engine of America can ensure the economic prosperity and national security of the nation and the globe. Professor Kurfess has been at the White House since February 2012 and is responsible for engaging the federal sector and the greater scientific community to identify possible areas for policy actions related to manufacturing. He is responsible for coordinating federal advanced manufacturing R&D, addressing issues related to technology commercialization, identifying gaps in current federal R&D in advanced manufacturing, and developing strategies to address these gaps. He is on leave for one year from his position as Professor of Mechanical Engineering at the Georgia Institute of Technology.

Now in its tenth year, CIC has become a yearly barometer of the state of collaboration and interoperability strategy, technology and solutions in manufacturing and business communications. The three-day international event gives attendees a unique opportunity to network, learn and strategize with thought leaders from many sectors of discrete manufacturing, including automotive, aerospace, heavy equipment and electronics industries, as well as with representatives from government and defense communities.

Conference organizers are pleased to announce that NASA/ESA (European Space Agency) is merging with CIC and will hold its 14th annual product data exchange meeting at CIC 2013 and thereafter. In addition, the PDES Board of Directors will again hold its annual meeting at CIC this year, and the 3D PDF consortium will be holding its second annual meeting at CIC 2013.

Interested attendees are encouraged to register soon as time-limited discounts currently apply.

Longview Advisors also is pleased to announce that free, open access to all presentations from past events is now available at (www.3DCIC.com).

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LFM User Meeting - USA 2013 Opens for Registration

22 January 2013

AVEVA today announced the LFM User Meeting – USA 2013 has opened for registrations. Being held at the AVEVA's Business Performance Centre in Houston on 21 February, delegates will learn about existing laser scanning strategies, as well as a number of exciting new products. Topics covered will include an update on LFM Server 4.2, new LFM Modules, and AVEVA's brand new product that enables Plant Design for Lean Construction - AVEVA Everything3D (AVEVA E3D).

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“The LFM User Meeting this year is a very exciting prospect”, comments Bruce Douglas, Senior Vice-President, EDS Strategy & Marketing, AVEVA. “We have new LFM products to showcase which dramatically improve productivity for laser scanning service providers and also address the needs of engineering firms in the AEC market, along with presenting AVEVA E3D to the laser scanning community. These meetings are very valuable because they give us the chance to show our new products and, just as important, listen to the feedback from our customers, so we can define and develop solutions for the future that meet their needs.”

One exciting capability of the new AVEVA E3D that will be on display is the tight integration of laser scanning and 3D modelling. It fuses 3D design models with high definition as-built laser scanning data to create an entirely new design environment that can dramatically improve quality, reducing design time and rework.

Event details:

Thursday 21 February 2013

8.30am-5.00pm

Business Performance Centre, AVEVA, 10350 Richmond Avenue, Suite 400
Houston, TX 77042, USA

To register visit <http://www.lfm-software.com/events/lfm-usa13>

LFM is a powerful 3D laser scanning software package, which is relevant throughout the laser data and asset lifecycle. LFM is hardware and software vendor neutral. It accepts data from all 3D laser scanners and exports to 3D integrated plant design systems CAD and Review platforms. To learn more visit www.lfm-software.com. LFM Software is an AVEVA Group company.

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Luxion Unveils KeyShot 4 at SolidWorks World 2013

22 January 2013

Luxion, a developer of advanced rendering and lighting technology and maker of KeyShot[®], is pleased to announce KeyShot 4 debuting live at SolidWorks World 2013 in Orlando, Florida January 20th-23rd at the Walt Disney World Swan & Dolphin Resort.

Luxion's internally developed rendering technology continues to bring speed and accurate lighting to renderings, animations and interactive visuals for 3D professionals across many industries. They are focused on the features and updates that users have requested over the last few releases of KeyShot with new user interface updates, more render options and new presets, materials and lighting that aid in working with 3D data throughout the entire product design process. With this release, they are proud to announce greatly improved rendering speed and enhancements that make KeyShot the fastest, most accurate 3D rendering and animation system available, along with a new 'Live Linking' capability that

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allows SolidWorks users to maintain all part and feature updates made to their models without having to redo any of their work inside KeyShot.

New KeyShot 4 Features and Updates

Included in the new release of KeyShot 4 is an updated, cleaner user interface with the ability to dock library, project and timeline in a single-window mode. Rendering features include enhancements to material editing with updated materials, PANTONE® and RAL color libraries, all new material types that turn any geometry into a local light source, and enhancements to translucent materials, material templates, import, animation and KeyShotVR workflows. With this, render speeds have been optimized to provide faster real-time rendering performance and improved render output. For a complete list on new features email info@luxion.com.

Live Linking

Luxion has developed an ability to connect SolidWorks and KeyShot in a live session. With this enhancement, SolidWorks 2013 users will be able to make a change to the design at any level and send it directly to a running session of KeyShot. The scene inside KeyShot will update automatically and either replace the existing design or add the new design iteration to the existing scene. Live Linking will be included as part of the SolidWorks plugin for KeyShot and can be accessed from the SolidWorks toolbar area with a single click that transfers the updated SolidWorks model to the KeyShot session. This allows KeyShot to become a truly integrated part of the entire product development process from early concept design through the prototyping phase to final design presentation and the creation of sales and marketing collateral.

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MSC Software to Celebrate 50 Years of Simulation Innovation at 2013 User Conference

24 January 2013

[MSC Software Corporation](#), a leader in [multidiscipline simulation](#) solutions that accelerate product innovation, will celebrate a half-century in the software business during its 2013 Americas user conference, “A New Era Begins,” on May 7-8 in Irvine, Calif.

To commemorate this amazing achievement, MSC is weaving speeches and celebratory events into the conference’s informational and educational sessions. The sessions will include new product announcements, partner solutions exposition and two days of track sessions.

MSC is now accepting papers for presentations at the track sessions. Potential topics range from materials engineering and systems simulation to fatigue and nonlinear analysis. To submit an abstract, please visit: <http://pages.mscsoftware.com/50Years-C4PUSA.html>

MSC Software President and CEO Dominic Gallelo will open the general session on May 7 by recounting the company’s 50-year history of innovation and describing its vision for the future. The general session will also feature a video of MSC’s history, from the NASA era to the present, and the

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scientific accomplishments its products have supported through the years.

The first day's events will conclude with a reception at the Marconi Car Museum in Tustin, a collection of exotic vehicles ranging from high-performance Ferraris to one of the first pickup trucks ever made. MSC will be sharing information on product announcements throughout the two-day event.

“Who better to celebrate with than our users? Close partnership with our customers over the years has been the firm foundation for the longevity of MSC,” Gallelo said. On the occasion of our 50th Anniversary conferences, our users can expect something special. We intend to deliver.”

The 2013 MSC Software User Conference will be held at the Hyatt Regency in Irvine, Calif. For more information, please visit <http://pages.mscsoftware.com/50Years-HomeUSA.html>.

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SolidWorks World 2013 Highlights Innovations in Aerospace, Robotics, and Education

21 January 2013

Dassault Systèmes today announced its complete keynote speaker lineup for SolidWorks World 2013 running today through January 23 at the Walt Disney World Swan and Dolphin Resorts in Orlando, Florida (USA). Speakers include: Art Thompson, Sage Cheshire; Vijay Kumar, the University of Pennsylvania; Elias Knubben, Festo; and Thomas Atchison, the Mavericks Civilian Space Foundation.

Every day, thousands of designers and engineers use SolidWorks 3D design software application to bring their projects to life. The SolidWorks World conference helps spur the creation of new ideas while enabling attendees to share, collaborate, and embrace their love of design. Attendees will hear from keynote speakers who use SolidWorks to help change the course of human history, and ultimately, acquire knowledge and inspiration that will take their projects to the next level.

SolidWorks World 2013 kicks off with 2012's most death-defying aerospace project: Felix Baumgartner's "One Giant Leap for Mankind." Art Thompson, Technical Project Director, Sage Cheshire, who spearheaded Baumgartner's record-setting leap from the edge of space, will take attendees beyond the news headlines and behind the scenes of the famous jump. Thompson will discuss how Red Bull Team Stratos took the project from conception to design and execution, providing an intimate look at the experiment that changed space travel for generations to come.

The keynote session on the second day of the conference will focus on robotics; highlighting two expert designers discovering new approaches to human/robot interaction and behavior: Vijay Kumar, professor at the University of Pennsylvania, will share his experience creating swarms of agile aerial robots, and Elias Knubben, head of Corporate Bionic Projects at Festo, a leading supplier of pneumatic and electrical automation technology, will present some of the prototypes from the Bionic Learning

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Network.

Day three of SolidWorks World addresses the future and development of the next generation of great design professionals. Thomas Atchison, chairman of the Mavericks Civilian Space Foundation, will share his experiences in building the world's first civilian space programs.

“Human beings have an inherent, natural desire to innovate and discover solutions to overcome the world's major challenges,” said Bertrand Sicot, CEO, SolidWorks, Dassault Systèmes. “The SolidWorks World keynote speakers have pushed the limits of design and their life experiences will push our community to positively impact future generations through revolutionary products.”

Additional event highlights include:

- Networking with more than 4,500 attendees including engineering and design professionals, students, educators, partners, resellers and SolidWorks employees from around the globe.
- More than 150 in-depth training sessions, many of them hands-on, covering topics such as building and specifying computers for SolidWorks; surfacing; and 3D modeling tips and tricks.
- The Partner Pavilion, featuring more than 100 technology products that work with SolidWorks, and providing an opportunity for attendees to meet SolidWorks Partners, preview new technology, and view hundreds of innovative products designed by SolidWorks customers.

The SolidWorks World agenda is available at: www.solidworks.com/sww/agenda

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Tata Technologies Hosts Cleveland Autodesk PLM 360 Workshop, Event Focus: Maximize Key Business Process Improvement, Streamline Product Development

21 January 2013

[Tata Technologies](#), an Autodesk Gold Partner in Manufacturing with specializations in Autodesk PLM 360 and Consulting, will provide business insight designed to improve key business processes and streamline product development for industrial, electronics, consumer product, and manufacturing clients by demonstrating applications of the latest Autodesk PLM 360 cloud computing solutions at a regional lunch-and-learn workshop in Cleveland, Ohio, January 23. There is no charge for the workshop, but advance registration is necessary.

At this workshop, Tata Technologies PLM professionals will demonstrate business process value creation to clients through the implementation of Autodesk PLM 360 cloud solutions. The workshop will provide an opportunity for attendees to learn how they can transform their organizational processes and add measurable value in these critical business functions:

- Improved Quality Measurement

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- Better Collaboration
- Higher Project and Process Visibility
- Faster Engineering Change Management
- Streamlined New Product Development

Who should attend?

Project Managers, Product Managers, Quality Assurance Managers, Process Assurance Managers, Facilities Managers, Program Managers, IT Integration Managers, and any individual responsible for business process decision-making, will find valuable information at this event.

Workshop Agenda:

- 8:45 a.m. – Breakfast, Registration
- 9 a.m. – Presentation: “Revolutionizing Product Development”
- 10 a.m. – Breakout Sessions
- 11 a.m. – Presentation: “How PLM 360 Can Help”
- 11:45 a.m. – Workshop closes
- 12 p.m. – Lunch served to attendees

To register for this workshop and reserve your seat, [click here](#) today, reservations are limited. Share this registration link with other colleagues and friends: <http://www.tinyurl.com/tataplmcleveland>

Workshop attendees will take away a fully-configurable 30-day trial copy of PLM 360, to experience in their own business environment. Attendees also will have the chance to enter and win a new Apple iPad 4.

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Tata Technologies Technical Careers Open House Seeks More Than 100 Professionals to Fill Engineering, Technical Positions

24 January 2013

[Tata Technologies](#) will hold a Technical Careers Open House at the company’s North American headquarters in Novi, Mich., on January 29. Tata Technologies is seeking engineering, design, programming, consulting, and account management professionals to fill more than 100 available positions before March 1. Approximately 30 percent of the positions are metro Detroit-based.

The Technical Careers Open House will take place at 41050 W. Eleven Mile Road, Novi, Mich., on Tuesday, January 29, from 4-7 p.m. Tata Technologies HR and Recruiting professionals will interview and qualify candidates on-site to expedite the process of filling these open positions.

Available positions include:

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- PLM/Teamcenter Application Consultants
- Design Engineers
- Product Engineers
- Applications Engineers
- Controls Engineers
- Component Designers – CATIA V5/UGNX 7.5
- BIW Engineers
- Program Managers
- HVAC Engineers
- Account Managers

To pre-register, candidates may email resumes to: careers@tatatechnologies.com with the Subject Line “OPEN HOUSE.”

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The New hyperMILL® Tire Toolkit

22 January 2013

CAD/CAM software developer OPEN MIND will exhibit at Tire Technology in Cologne, Germany, from 5 to 7 February 2013. OPEN MIND will present the latest tire module for the upcoming hyperMILL® Version 2013 at Stand 3110 in Hall 11.3 at Europe's leading trade fair for the tire industry. The new software version facilitates the machining programming required to produce tire moulds, while optimised toolpaths accelerate manufacturing.

The tire module features a new Tire Browser, which is completely integrated in *hyperMILL*®. The Tire Clock in the Tire Browser contains all of the tire's design information (segment, tracks, pitch sequence, pitches and orientations).

Once the pitch geometry has been defined, 3D models of the segments can be automatically created and managed in the browser, as can all elements and geometries required for programming. It is now possible to automatically display the appropriate geometry for each operation, which saves programming time and prevents errors.

The new Multiple Track Support function allows a separate pitch sequence to be defined for each track. This means that each pitch only has to be programmed once. The 180 degree rotation and mirroring functions significantly reduce programming time.

Toolpath generation

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Segment toolpaths are automatically created once the pitches have been programmed. Unnecessary movements can be eliminated by trimming the toolpaths at the segment limits. Sorting and linking toolpaths also reduces machining time.

At the same time, the automatic collision check function in *hyperMILL*® ensures maximum process reliability.

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zSpace, Inc. to Showcase Its 3D Platform at SolidWorks World 2013

21 January 2013

[zSpace](#), Inc. announced that it will demonstrate its signature platform zSpace at the [SolidWorks World 2013 Conference](#), being held from January 20-23, 2013 at the Walt Disney World Swan and Dolphin in Orlando, Florida. The 15th annual SolidWorks World Conference brings together designers, engineers, managers, and partners to discuss ideas, trends and technology shaping the future of product design. Show attendees will see proof of concept demonstrations of how zSpace and SolidWorks® eDrawings Viewer allows customers to visualize SolidWorks models in immersive 3D, making their designs lifelike and interactive. Attendees can receive demonstrations of zSpace at the zSpace Booth #707 or the Lenovo Booth #519.

The Company's platform and flagship product, zSpace, provides a highly-realistic visualization experience that enables designers and engineers to directly interact with virtual holographic simulations as if they were real physical objects. This results in accelerated design and development processes as well as increased productivity.

Using zSpace's integrated hardware and software platform, SolidWorks' eDrawings applications and collaborations are delivered in stunning, immersive 3D, allowing users to visualize, create and experience in ways not previously possible. With this demonstration of eDrawings, the Company delivers on the demand for additional industry applications of its zSpace technology.

"As a result of this integration, I see great design and visualization potential for our customers," said Gian Paolo Bassi, Vice President of Research and Development at SolidWorks. "The zSpace platform is an intuitive way eDrawing models were meant to be seen and manipulated. This collaboration will surely impact future product technology."

"zSpace has a strong hold in industries like manufacturing, architecture, engineering, government, medical and research. Product integrations like this with SolidWorks are critical to expanding the potential for 3D experiences, both for our customers and SolidWorks users alike," said Paul Kellenberger, CEO of zSpace.

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Financial News

3D Systems Announces Conference Call and Webcast to Discuss Fourth Quarter and Full Year 2012 Results

22 January 2013

[3D Systems Corporation](#) announced that it plans to hold a conference call and simultaneous webcast to discuss its financial results for the fourth quarter and full year of 2012 on Monday, February 25, 2013, at 9:00 a.m. Eastern Time. The company expects to release these financial results and to file its Form 10-K on February 25, 2013.

Date: Monday, February 25, 2013

Time: 9:00 a.m. Eastern Time

Listen via Internet: investor.3dsystems.com

Participate via telephone:

Within the U.S.: 1-800-295-3991

Outside the U.S.: 1-617-614-3924

Participant code: 68343877

The recorded webcast will be available beginning approximately two hours after the live presentation at investor.3dsystems.com.

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Geometric Declares Revenues of Rs. 2508.34 Mn

21 January 2013

Geometric Ltd. announced its Q3 financial results for FY 2012-2013 at the board meeting held today.

Highlights for the quarter ended December 31, 2012 (Q3 FY13)

- Consolidated revenues stood at Rs. 2508.34 Mn as against Rs. 2615.84 Mn in the previous quarter and Rs. 2190.37 Mn in the corresponding quarter last year
- EBITDA increased 5.9% q-o-q and 10.8% y-o-y to Rs. 445.78 Mn from Rs. 421.06 Mn in Q2FY13 and Rs. 402.15 Mn in Q3FY12. EBITDA margins also improved to 17.8% in this quarter from 16.1% last quarter mainly due to higher contribution and other incomes
- Acquired 3cap technologies GmbH, a niche automotive electronics company in Germany
- Top-line was adversely affected by greater than anticipated softness in one of our large customers in North America.

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- Won new deals worth USD 8.88 Mn
- EPS for the quarter is Rs. 3.04

In USD terms, the company declared revenues of USD 46.31 Mn compared to USD 47.67 Mn in Q2FY13 and USD 42.60 Mn in Q3FY12. Profit before tax rose 6.3% q-o-q and 10.6% y-o-y to Rs.358.27 Mn from Rs.337.08 Mn in the last quarter and Rs. 323.91 Mn in the same quarter last year. The company recorded profit after tax of Rs. 190.97 Mn as against Rs. 178.89 Mn in Q2FY13 and Rs. 212.57 Mn in Q3FY12.

Mr. Manu Parpia, Managing Director & CEO, Geometric Limited said, “The revenues this quarter have been disappointing. Nonetheless EPS is still robust, reflecting the benefit of our efforts to streamline our operations. The decline in revenues was mainly due to cutbacks at one major customer, which will also have an adverse impact this quarter as some cutbacks took effect late last year. Many of our other accounts continue to grow reflecting the continued demand for engineering services. Overall our revenues will show growth in Q4 due to our 3Cap acquisition”. The Company expects to resume growth from the next financial year.

Key wins and additional business highlights for Q3 FY13

The company added four new customers during Q3, and signed new deals worth USD 8.88 Mn this quarter including:

- A PLM training engagement for a leading North American oil and gas company
- Product development (CAE) project with a Japanese automotive solutions company
- PLM solution definition engagement with a leading construction and agricultural equipment manufacturer
- A PLM consulting deal with a Swedish manufacturer of industrial equipment
- CAD design support for a large industrial equipment manufacturer in North America
- PLM customization project for an Asian aerospace and defense product development firm
- Application development project for a leading aircraft manufacturer in North America
- Application migration contract for a leading automotive components manufacturer in Germany
- Multiple digital manufacturing projects with a global Auto OEM in North America

Other important business highlights for the quarter include:

- Strengthened relationship with Dassault Systèmes by entering V6 Apps Partner Program
- Received the AS/EN 9100:2009 Certification, the most advanced Quality Management System standard for the aviation, space, and defense industries

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Open Text Reports Second Quarter Fiscal Year 2013 Financial Results

24 January 2013

Open Text^(TM) Corporation announced its financial results for the second quarter ended December 31, 2012.

Financial Highlights for Q2 FY13 (1)

- Total revenue for the period was \$352.2 million, up 10% Y/Y
- License revenue was \$76.1 million, compared to \$89.7 million last year
- Cloud services revenue was \$46.2 million
- Non-GAAP-based EPS, diluted was \$1.58 compared to \$1.39 Y/Y, up 14% Y/Y; GAAP-based EPS, diluted was \$1.04 compared to \$0.81 Y/Y (2)
- Non-GAAP-based operating income was \$113.0 million and 32.1% of revenues; GAAP-based income from operations was \$67.2 million and 19% of revenues (2)
- Operating cash flow was \$74.7 million compared to \$44.7 million up 67% Y/Y, with an ending cash balance of \$367.3 million.

"We performed well in the quarter, delivering the highest quarterly revenue, non-GAAP operating margin, and non-GAAP EPS in the Company's history," said OpenText CEO Mark J. Barrenechea. "We continue to invest in expanding our sales force and building new products, balanced with strong earnings. I am confident these investments will yield results."

"We are committed to leading the market with the broadest range of EIM software and services, both on premise and in the cloud."

Business Highlights

- Financial, services, technology and basic materials industries saw the most demand
- 5 license transactions over \$1 million and 11 license transactions between \$500K and \$1 million in the second quarter
- Customer successes in the second quarter include Husch Blackwell Sanders, Defense Logistics Agency, LG&E and KU Services Company, Howard County Maryland, Mitsubishi Electric Information Systems, Sprint and Lincolnshire County Council
- OpenText delivers Enterprise Information Management apps for Windows® 8
- OpenText offers software trade-in for Autonomy customers
- Latest release of OpenText Managed File Transfer helps customers reduce information exchange risks
- OpenText delivers Tempo Social and Tempo Box in the cloud
- OpenText unveils EIM cloud
- OpenText announces InfoFusion

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- Leading analyst firm validates OpenText as leader in growing global enterprise fax software and services markets
- OpenText expands in India: growing customer base, expanded R&D capacity
- Leading organizations in India increasingly adopt OpenText's cloud services and solutions to help accelerate growth and revenue

Conference Call Information

The audio replay will remain available until 11:59 p.m. on February 7, 2013 and can be accessed by dialing 877-289-8525 (toll-free) or 416-640-1917 (international) and entering the confirmation code: 4588113 followed by the number sign.

To view an unabridged version of this press release, visit: <http://www.opentext.com/2/global/press-release-details.html?id=38669728AE014D8E90D16269A2A825A6>

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PTC Announces Q1 Results, Initiates Q2 Guidance and Updates FY'13 Targets

23 January 2013

[PTC](#) has reported results for its first fiscal quarter ended December 29, 2012.

Highlights

- **Q1 Results:**
 - Non-GAAP revenue of \$321 million, flat year over year (up 2% on a constant currency basis)
 - Non-GAAP EPS of \$0.36, up 3% year over year (up 6% on a constant currency basis)
 - Q1 revenue contribution from Servigistics (acquired on October 2, 2012) was \$27 million on a non-GAAP basis and \$25 million on a GAAP basis
 - GAAP revenue of \$320 million and GAAP EPS of \$0.29, including a \$15 million restructuring charge and a one-time non-cash tax benefit of \$33 million associated with the purchase accounting for the Servigistics acquisition
- **Q2 Guidance:**
 - Non-GAAP revenue of \$305 to \$325 million and non-GAAP EPS of \$0.32 to \$0.39
 - License revenue of \$70 to \$85 million
 - GAAP revenue of \$304 to \$324 million and GAAP EPS of \$0.03 to \$0.10, including \$15 million of restructuring charges
 - Assumes \$1.33 USD / EURO and 90 YEN / USD.
- **FY'13 Targets:**
 - Non-GAAP revenue of \$1,340 to \$1,370 million and non-GAAP EPS of \$1.70 to \$1.80
 - License revenue of \$360 to \$380 million
 - Non-GAAP operating margin of approximately 21.5%
 - GAAP revenue of approximately \$1,337 to \$1,367 million and GAAP EPS of \$0.95 to \$1.05; GAAP operating margin of approximately 11%
 - Revenue guidance assumes at least \$80 million contribution from Servigistics, including

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- o \$3 million in non-GAAP revenue
- o Assumes \$1.33 USD / EURO and 90 YEN / USD.

The Q1 non-GAAP revenue and non-GAAP EPS results exclude a \$1.6 million effect of purchase accounting on the fair value of the acquired deferred maintenance balance of Servigistics. The Q1 non-GAAP EPS results also exclude \$11.9 million of stock-based compensation expense, \$11.3 million of acquisition-related intangible asset amortization, \$15.4 million of restructuring charges, and \$4.6 million of acquisition-related expense. The Q1 non-GAAP EPS results include a tax rate of 22% and 122 million diluted shares outstanding. The Q1 GAAP EPS results include a tax benefit of \$33 million and 122 million diluted shares outstanding.

Results Commentary

James Heppelmann, president and chief executive officer, commented, “Given the economic environment we are pleased with our Q1 results, including strong performance from the recently acquired Servigistics business, which significantly broadens our Service Lifecycle Management (SLM) offering. Our license revenue of \$79 million was down 10% on a constant currency basis as compared to very strong performance in Q1’12, and consistent with our guidance range. We again delivered on our commitment to earnings growth with Q1 non-GAAP EPS exceeding the high end of our guidance range.”

Heppelmann added, “We continued to demonstrate our PLM market leadership in Q1 with a competitive displacement of the legacy PLM provider at Brazilian-based Embraer, one of the world’s largest aircraft manufacturers. Embraer chose PTC as its partner of record for its entire global aircraft development program – commercial, executive and defense. The selection further extends PTC’s position as a leading PLM technology solution provider for the aerospace and defense (A&D) industry. We also had a strong quarter in our SLM business with double-digit organic license growth, further bolstered by strong performance from the Servigistics business. We remain excited about our unique positioning in the growing after-market service market.”

“We had 27 large deals (recognized license + services revenue of more than \$1 million) in Q1’13, driven primarily by activity in the Americas. Consistent with last quarter, the mix of large deal revenue was skewed more heavily toward Services, reflecting strong PLM implementation activity and a lower level of large license transactions. During the quarter we recognized revenue from leading organizations such as AGCO, Caterpillar, Embraer, Esaote Group, Otto Bock Healthcare, Sulzer Pumpen, Turbomeca, and the Washington Metro Area Transit Authority.”

Jeff Glidden, chief financial officer, commented, “From a profitability standpoint we had another solid quarter; we delivered \$0.36 non-GAAP EPS and achieved an 18.2% non-GAAP operating margin. We ended Q1 with \$248 million of cash, down from \$490 million at the end of Q4’12, reflecting in part \$222 million used to complete the Servigistics acquisition and \$16 million for stock repurchases.” Q1 GAAP EPS was \$0.29 and GAAP operating margin was 4.3%.

Q1 Earnings Conference Call and Webcast

Prepared remarks for the conference call have been posted to the investor relations section of our website. The prepared remarks will not be read live; the call will be primarily Q&A.

What: PTC Fiscal Q1 Conference Call and Webcast

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When: Thursday, January 24th, 2013 at 8:30am (ET)

Dial-in: 1-800-857-5592 or 1-773-799-3757

Call Leader: James Heppelmann

Passcode: PTC

Webcast: www.ptc.com/for/investors.htm

Replay: The audio replay of this event will be archived for public replay until 4:00 pm (CT) on February 3rd, 2013.

Dial-in: 866-484-4215 Passcode: 5689

To access the replay via webcast, please visit www.ptc.com/for/investors.htm.

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SAP Announces Record Full Year and Fourth Quarter 2012

23 January 2013

[SAP AG](#) today announced its preliminary financial results for the fourth quarter ended December 31, 2012.

- **12th Consecutive Quarter** of Double-Digit Growth in Non-IFRS Software and Software-Related Service Revenue
- **Revenue Guidance Exceeded:** At Constant Currencies, Full Year 2012 Non-IFRS Software and Software-Related Service Revenue Increased 13%
- **Full Year Non-IFRS Software & Cloud Subscriptions Revenue¹ Increased 21% to €5.00 Billion** (17% At Constant Currencies)
- **Very Strong Software Revenue Contribution From Innovations in Full Year 2012:** €392 Million from SAP HANA and €222 Million from Mobile
- **Accelerating Cloud Momentum:** Annual Cloud Revenue Run Rate Approaching €850 Million²
- **Full Year 2012 Non-IFRS Operating Profit Increased 11% to €5.21 Billion** (7% to €5.02 Billion at Constant Currencies Compared to Guidance Range of €5.05 - €5.25 Billion)

BUSINESS HIGHLIGHTS IN THE FOURTH QUARTER AND FULL YEAR 2012

SAP delivered record revenues in 2012. Non-IFRS total revenue grew 14% year-on-year and exceeded €16 billion. Non-IFRS software and software-related service revenue grew 17% year-on-year to €13.2 billion. Non-IFRS software and cloud subscriptions revenue grew 21% year-on-year to €5 billion.

SAP delivered strong overall growth in the fourth quarter. The company achieved strong software revenue performance in the APJ region. The EMEA region delivered impressive results in light of the continued uncertain market environment and the Americas region had a solid software revenue performance considering a tough year-over-year comparison. SAP delivered exceptional growth in its key innovation areas SAP HANA, Mobile and Cloud: SAP HANA had an outstanding quarter reaching nearly €200 million in software revenue in the fourth quarter and achieving almost €400 million for the

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full year. SAP's mobile business contributed more than €20 million to software revenue achieving its full year revenue target.

SAP's strong cloud momentum continued in the fourth quarter: Derived from the total revenue of SAP's two cloud segments (Cloud Applications and Ariba) the annual cloud revenue run rate is approaching €50 million. For the SAP cloud applications segment alone 12 month new and upsell subscription billings increased nineteenfold in the fourth quarter. Even when including SuccessFactors in SAP's 2011 numbers the growth is triple digit at 102%³. For SuccessFactors on a stand-alone basis, 12 month new and upsell subscription billings grew 95%.

“In 2012, SAP empowered best-run businesses to meet real-time consumer demands. We invested in our flagship innovation SAP HANA and strengthened the industry's best portfolio in the cloud. We delivered industry-specific solutions, accessible anywhere on the mobile device,” said SAP Co-CEOs Bill McDermott and Jim Hagemann Snabe. “Our momentum has never been stronger. We are very well positioned to achieve our 2015 goals.”

“We achieved €5 billion in full year non-IFRS software and cloud subscription revenue, an increase of 21%. We saw very strong revenue contribution from our key innovations SAP HANA and Cloud. We are confident we will continue our double-digit growth momentum in 2013 and further improve our profitability,” said SAP CFO Werner Brandt.

To view an unabridged version of this press release, visit: <http://www.sap.com/news-reader/index.epx?articleID=20312>

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Implementation Investments

Black Diamond Equipment Selects Product Lifecycle Management from Centric Software

23 January 2013

Black Diamond, Inc. has selected Centric Software, Inc. as its [product lifecycle management \(PLM\) system](#) provider.

Black Diamond will implement Centric 8 [PLM software](#) for all product lines, including Black Diamond Equipment hardgoods and apparel, Gregory Mountain Products packs, and POC protective gear, over time. “The Centric PLM system will help Black Diamond improve its materials management functions and provide visibility of materials usage across all product lines,” says Walter Wilhelm, vice president of business process at Black Diamond. “In a company whose technically sophisticated products incorporate innovative materials, the Centric PLM suite will help assure the most cost-effective purchasing of these top-quality materials.” Those materials are critical to Black Diamond's product quality, product performance and customer satisfaction.

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“Black Diamond conducted an extensive [PLM system](#) evaluation process before choosing Centric,” says Wilhelm. “We selected Centric for its out-of-the-box, best-in-class functionality, its intuitive user experience, and the overall cost of ownership of the system,” he explains. The expertise of the Centric team was another factor in Black Diamond’s decision. “Both Black Diamond and Centric focus on product innovation—a shared focus that provides a foundation for a solid relationship.”

Colin Israel, Managing Director of Asia Operations at Black Diamond, concurs with Wilhelm. “Centric clearly represented the best value,” he concludes. He cites Black Diamond’s analysis of total cost of ownership, which evaluated system costs for the major PLM system vendors over a five-year period. Centric excelled in system ease of use, which impacts cost of training and user adoption. Israel also points out the reduced costs of implementation associated with Centric’s [Agile Deployment\(SM\)](#) methodology, and the low costs of upgrades for the Centric system.

“The remarkable vision and professionalism of the Black Diamond organization helps the company deliver innovative products,” says Chris Groves, Centric CEO and president. Centric’s Agile Deployment methodology will assure that Black Diamond rapidly realizes PLM system value, with the advanced materials management capabilities the company seeks, he adds. “Centric’s relationship with Black Diamond promises to be a ‘win-win’ that helps Black Diamond rapidly innovate, while allowing Centric to learn and incorporate that knowledge into future product offerings.”

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Contemporary Women's Fashion Brand Tibi Rolls Out NGC's PLM and ERP

22 January 2013

NGC® today announced that Tibi, the New York-based fashion brand founded by designer Amy Smilovic, has implemented NGC's PLM and ERP systems. Tibi's designer collection is sold at over 600 retailers worldwide, including Net-a-Porter, Shopbop, Saks Fifth Avenue, Neiman Marcus and Harvey Nichols.

Tibi selected NGC's [fashion PLM](#) and apparel ERP software to support the brand's rapid growth. "NGC offered a comprehensive solution with both PLM and ERP, and that was very appealing to us," said Alexandra Boet, CFO of Tibi, LLC. "There were various features that stood out when compared to other systems, such as calendars and alerts that allow us to manage the business by exception. Based on our experience with our previous software vendor, we also liked the fact that NGC has a regional office that can provide customer support."

NGC's fully integrated PLM and [apparel ERP](#) system has enabled Tibi to streamline business processes and productivity, helping the company improve its overall efficiency. "NGC's software allows data from design, production, inventory, sales and accounting to live in the same repository," Boet noted. "This reduces time and error related to system interfaces, enabling us to get reports that correlate to different

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areas of the business. This allows us to focus our efforts on analyzing data rather than inputting it."

The systems have also had a positive impact on Tibi's supply chain, according to Boet. "We are now able to electronically exchange data with our trading partners in a systematic way," Boet said. "Most of our trading partners have been able to easily automate their processes, and this has eliminated the need for human data entry entirely."

"Tibi is one of the bright young stars in advanced contemporary women's fashion, and NGC is pleased that our PLM and ERP solutions are helping Tibi run its business more effectively," said Mark Burstein, president of sales, marketing and R&D, NGC. "NGC is proud to be working with Tibi."

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Embraer Selects PTC to Bring Future Aircraft to Market Faster

24 January 2013

PTC today announced that Brazil-based Embraer has selected [PTC's product lifecycle management \(PLM\) technology solutions](#) to help bring new innovative aircraft to market faster, more efficiently, and with the highest levels of quality. With the switch to [PTC](#) from its legacy PLM provider, Embraer is proactively preparing for an expected increase in demand for new aircraft in the coming years.

"At Embraer, we have a proud tradition of innovation that has allowed us to satisfy the ever [changing demands](#) of the global aviation industry," said Mauro Kern, Embraer's executive vice president, Engineering and Technology. "This PLM program with PTC will bring the best technology to improve our ability to design, develop, and deliver innovative, safe, and efficient aircraft."

To capitalize on its market opportunity, Embraer sought to modernize its technology infrastructure and business processes. Doing so will improve management's confidence in meeting accelerated delivery schedules while maintaining Embraer's commitment to quality and safety. Central to its ability to achieve these goals is the choice of a new product lifecycle management backbone system that offers the broadest set of capabilities.

"PTC showed us a strong technical and commercial solution that matched our key ITC enterprise architecture – wide functionality and flexible parameterization to avoid customization, open and easy interfacing allowing integration into a heterogeneous environment, and a flexible licensing and support model with balanced intellectual property protection minimizing our total cost of ownership", said Alexandre Baulé, Embraer's CIO.

After an exhaustive review of PLM technology providers, Embraer chose PTC as its partner of record for its entire global aircraft development program – commercial, executive and defense.

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“The complexity of modern aircraft is increasing at a rapid pace – in terms of customer demand, component structure, and supplier networks,” said Jim Heppelmann, president and CEO of PTC. “Addressing this complexity requires a modern, scalable system that can manage collaboration across a global development process. PTC has deep experience helping aircraft makers accelerate innovation and we are honored to have been chosen by an industry leader like Embraer to help them achieve their business objectives.”

The selection also validates, and further extends, PTC’s position as a leading PLM technology solution provider for the aerospace and defense (A&D) industry.

“According to our PLM market research, PTC is the market leader in providing collaborative Product Definition management (cPDM) software and services to the A&D market with their Windchill portfolio,” said Peter Bilello, president of PLM strategic management consulting firm CIMdata. “And over the past several years, PTC has also experienced the fastest growth rate of any major solution provider in this market.”

For PTC, which currently has customers, partners and facilities in Brazil and Mexico, this deal marks an important expansion of the company’s business across Latin America.

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Radan Gives £80,000 Saving on Material Usage

23 January 2013

Switching to the powerful sheet metal CAD/CAM software saved an environmental control systems manufacturer £80,000 on material usage in the first year.

Eminox Ltd’s Information Systems Manager Alex Mills says the savings were entirely the result of Radan’s outstanding nesting capabilities. “Nothing else changed. We used the same files and geometry to create exactly the same products. But Radan nests the components much more efficiently than the standard software provided with our Trumpf CO₂ laser cutters.”

Having over 8,000 active laser parts at any one time, Laser Nester and Production Planner Mark Atkinson creates between 40 and 50 Radan nests a day, to produce an average of 1,000 parts. “What varies is how many of each part we need on a given day. Some may be cut every other day, and some just once a week, so the actual combination of parts on today’s nests will probably never be needed again.

“One day we might want 20 off, but only eight the following day. Using Radan’s Project Nesting function means it’s quicker and more efficient to create new nests specific to each day’s individual requirements every time, instead of using existing nests from previous production runs which would

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give us unwanted stock.” He says most nests take about five minutes to generate, containing a maximum of 30 different parts on two and a half 2,500 x 1,250mm stainless steel blanks.

The parts are then assembled into Eminox’s high value environmental control systems such as Eminox CRT[®] (Continuously Regenerating Trap), SCRT[®] (CRT + Selective Catalytic Reduction) and FBC[®] (Fuel Borne Catalyst), which reduce pollutant gases and particulate matter in medium and large sized diesel engines on buses, lorries and trains, as well as offroad vehicles such as mechanical diggers, cranes and dumper trucks. Customers include Caterpillar, Volvo and Iveco Irisbus.

As a make-to-order, just-in-time company, Eminox’s ERP software uses the Japanese Kanban style of scheduling that determines what to produce, when to produce it, and how much to produce at its core manufacturing site in Gainsborough, Lincolnshire. Thousands of systems are completed each year for OEMs and for retro-fitting. Their Laser Module Access database finds the day’s manufacturing demand from the ERP software, which generates the schedules so the production department knows what to cut. It identifies the dxf files corresponding to those parts and quantities, and constructs the system files for Radan. Mark Atkinson uses those files to create the nests and NC program code.

Once the exhaust system design, created from Catia, has been committed to manufacturing, the sheet metal will not be touched by human hand until the profiled part is taken off the laser for rolling or bending. As Alex Mills says: “Even though there’s no margin for error on the high precision requirement, there’s no inspection at the laser production stage, as we know Radan will get it right first time.”

Catia flattens the design and makes it available for laser profiling. The 2D profile is then presented to Radan as a dxf file. Radan interrogates the profile to measure its surface area and ensure it has a closed profile for the laser to process. The area calculation in Radan ensures that the correct view of the part has been used for the profile as it checks with the Catia calculation, and the two should match within tolerance bands set by the CAD team.

“We have to ensure that what goes to the laser can be produced without any problem, so every part transferred from design to the ERP system will be checked by Radan,” says Alex Mills. “If there are any issues, such as unwanted open contours, it won’t allow the part to be transferred. The CAD software is completely integrated with Radan using VBA tools.”

As well as the £80,000 first year material savings, Eminox gains other major benefits from Radan: automation through the VBA capability – Mark Atkinson is able to press just one key for Radan to perform a sequence of operations that would otherwise require six or seven keystrokes; and he also makes full use of the remnants feature, which increases their material utilisation even further and keeps their stack of offcuts to a minimum.

Alex Mills believes Radan’s nesting functions are among the most powerful of any CAD/CAM system available. “We know, because we push them to the limit. Radan’s developed by a software company, not

a hardware manufacturer that just provides software to go with its machines, and that makes all the difference.”

Eminox are considering investing in CNC machines for laser tube cutting...either straight tube cutting, or 5-axis which offers greater flexibility. “Whichever hardware system we invest in we know that Radan will be able to program it, irrespective of the machine manufacturer.”

[!\[\]\(4c569646a83557539e533734d7fcbb23_img.jpg\) Click here to return to Contents](#)

Product News

Aras Announces Next Generation Requirements Management Embedded in EPLM for SolidWorks EPDM

21 January 2013

Aras® today announced from the exhibit floor of SolidWorks® World 2013 next generation requirements management embedded in Aras EPLM for SolidWorks EPDM. With Aras Requirements Management global enterprises that run SolidWorks get the advanced capabilities they need to meet complex customer demands, drive product quality and minimize risks.

See Aras EPLM with Requirements Management at
SolidWorks World 2013 - January 20-23 - Booth #725
The Walt Disney World Swan and Dolphin in Orlando, Florida

Aras EPLM with Requirements Management combines advanced requirements management functionality with enterprise PLM, providing companies that run SolidWorks with powerful capabilities that are easy to use for systems engineering, systems planning, development and realization. Users can identify, associate, track and trace different types of requirements - including physical, functional, logical and performance requirements - and validate that the system or product satisfies the original intent.

“With the increasing complexity of all types of products the way to ensure accuracy is to put all your requirements in a single system and actively link those requirements to the actual product development process”, said Peter Schroer, President of Aras. “Aras EPLM with Requirements Management gives companies that run SolidWorks the advanced functionality they want along with the scalability, security and flexibility they really need, in a single solution that works across the enterprise.”

Aras EPLM with Requirements Management – Solution Highlights:

- **Powerful & Easy to Use** – Comprehensive features with secure web browser access and familiar look and feel for users across the enterprise

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- **Multi-Discipline** - Simultaneously manage requirements from many different disciplines – mechanical, electronics & electrical, firmware and software – together in one location
- **Cross-Functional** - Achieve requirements collaboration with Product Management, Marketing, Quality, Manufacturing, Procurement, Field Support and other groups throughout the product life cycle
- **Enhanced Requirements Capture** - Make anything a requirement including Files, Emails, Scanned Images, URL links, Pictures, Videos (even from YouTube), as well as existing PLM items, such as Parts, Materials, Drawings and CAD Models
- **Trace Matrix Verification** - Provides traceability of requirements to verify that systems, subsystems and interfaces satisfy all of requirements, from high-level conceptual down to the detailed component-level
- **Comprehensive Impact Analysis** - Requirements are included in the impact analysis on proposed changes and can become affected items on ECRs & ECOs
- **Closed Loop Validation** - Full support for validation plans, procedures and all related documentation with reporting, sign-offs and workflow
- **Complete Compliance** - A full audit trail with change history can be automatically recorded for environments with compliance and regulatory conditions

See a demonstration of Requirements Management in Aras EPLM. Live webcast Thursday February 7th, 11:00am eastern time.

More information and registration at <http://aras.com/plm/001758>

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Aras Microsoft Office Connector Now Available in Aras EPLM for SolidWorks EPDM

22 January 2013

Aras[®] today announced from the exhibit floor of SolidWorks[®] World 2013 the availability of the Microsoft[®] Office Connector for Aras EPLM. With the Office connector for Aras EPLM SolidWorks users can manage documents, spreadsheets, slides and emails in PLM without leaving Microsoft Office applications. The Office connector for Aras EPLM improves personal productivity while driving standardization and consistency for compliance throughout the enterprise.

See The Office Connector for Aras EPLM at
SolidWorks World 2013 - January 20-23 - Booth #725
the Walt Disney World Swan and Dolphin in Orlando, Florida

The Office connector for Aras EPLM extends the benefits of enterprise PLM to SolidWorks users in Microsoft Excel, Word, PowerPoint and Outlook. Users can create, store, edit, search and manage

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documents while working within the familiar, easy to use Microsoft environment. At the same time, the Office Connector for Aras EPLM provides administrators with sophisticated capabilities for document control and security, including need-to-know access, configurable automatic document numbering and naming conventions, the optional use of corporate templates, and more.

“We created Aras EPLM to enable SolidWorks users to expand the capabilities of EPDM across the enterprise. With the Office Connector we’re taking that a step further, making it even easier for users throughout the company to work with PLM information and contribute to the product development process using tools they are already familiar with,” said Peter Schroer, President of Aras. “What’s more,” said Schroer, “the Office Connector for Aras EPLM includes the powerful administrative tools, security and controls required by highly regulated industries.”

The Office Connector for Aras EPLM Features:

Search - Search files and templates in PLM from within the Microsoft Word, Excel and PowerPoint

View & Edit – Simply select View for read-only access or Edit to lock and modify a file

Automated PDFs - Auto generate PDFs of saved files to attach and distribute to other users in the workflow

Classification - Automated file naming and document number sequencing based on classification categories

Linking - Option to create relationships between Microsoft documents and Aras items such as Parts, Drawings, Projects, Process Plans, and other PLM items from within Microsoft Office. Relationships can drive naming and numbering, and are updated along with associated product components.

Revision & Version Control - Configurable revision and version control on Microsoft files provides traceability and assures that users always work with the correct version of a file

Side-by-Side Comparisons - Enables users to easily view side-by-side comparisons of different revisions of the same document or file

Enterprise Change Management - Apply lifecycle states, approval workflows and sign-offs to documents such as engineering change requests or document change orders

Templates - Create standardized Office document templates that comply with corporate conventions and are ready-to-use for end users

Property Mapping - Map properties from native Microsoft files to Aras or from Aras to the native Microsoft files

Outlook Emails - Capture and store Outlook emails with embedded images and attachments as part of the product record in Aras

Compliance - Document controls, tracking, traceability and audit trails streamline and simplify compliance

Security – Need-to-know access rights and permissions on files managed from within Aras EPLM

See a demonstration the Microsoft Office Connector for Aras EPLM. Live webcast Thursday February 28th, 11:00am eastern time. More information and registration at <http://aras.com/plm/00175>

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Delcam CRISPIN Releases Footwear Design and Pattern Development Software

21 January 2013

Delcam CRISPIN has released the 2013 version of its ShoeMaker software for 3D concept design and Engineer Pro pattern development and grading software for the footwear industry, with the addition of new functionality, revised options and an improved installation process.

ShoeMaker is the product of choice for 3D conceptual footwear design and is the only solution to combine upper and sole design and modelling within the same 3D environment. The software helps users to produce realistic 3D footwear models for design and marketing reviews, whilst reducing the number of samples produced, improving communications between the design and manufacturing teams, and reducing overall product time to market. Any required design iterations can be made easily, to produce an approved design model and flattened patterns that are ready for engineering.

New functionality for ShoeMaker 2013 includes user-defined flattening for Offset Concept Lasts (OCL), improvements to the last import with automatic detection of the centre lines, and better control for the positioning of image stencils, including a three-point alignment tool. There is a new Flattening Parameter File editing tool for adjusting specific aspects of the flattened formes, plus some additional fine controls to change the shape of the flattening.

A special tool has been added to change the appearance of the design model to display a 'relaxed look' as if the last has been physically removed from the shoe. Finally, a new pattern assessment tool for pre-costing of the pattern pieces has been added.

Engineer Pro helps users to produce 2D sample and graded footwear patterns for manufacturing in the fastest possible time, whilst also assisting in the management of tooling costs. Advanced tools like 'Edge Templates' reduce pattern development times dramatically, so improving throughput and reducing time to market.

New functionality includes Single Click Boundary, a new way to create boundaries where a left-click in a closed area creates a boundary from the enclosing lines. An option has been added to the Radius/Chamfer function allowing a radius to be quickly added to any intersection of a part.

There are also improvements to the speed with which the Boundary, Chain and Join functions are used and an easier way to convert corner points to curve points.

In addition, there is now a new option to adjust the icon size of the main tool bars and tool-trays to the smaller size of 24x24. This option increases the size of the working area, a request which has been requested by several customers.

There have also been some significant changes and improvements to the installation process and the

environment configuration for Engineer Pro.

The combination of Engineer Pro and ShoeStyle provides a powerful combination of 3D and 2D tools to ensure that any manufacturing issues are detected earlier in the development cycle by improving communication between the design and pattern making departments. This reduces the number of design iterations and so allows the time to market to be shortened significantly.

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Delcam Improves PowerSHAPE Solid Modelling and Point Cloud Tools

23 January 2013

Delcam has launched the 2013 R2 version of its PowerSHAPE CAD software family with new tools and enhancements for solid modelling and for manipulating point clouds. The two sets of developments will speed the production of designs ready for manufacturing, whether starting from imported CAD data or from scanned data.

PowerSHAPE combines solid, surface, wireframe and direct modelling to provide one of the most comprehensive range of modelling techniques available in a single CAD program. In particular, the combination of quick and easy direct modelling options, together with powerful and flexible surface modelling, makes PowerSHAPE the perfect choice for design for manufacture, especially when converting product designs into tooling designs.

PowerSHAPE Pro combines these extensive CAD tools with point-cloud and triangle modelling, including tools for the live import, repair and editing of point-cloud data from laser scanners. Having all the different technologies in the same package reduces the need to transfer data between multiple programs and so streamlines the whole product development process. The broad set of functionality makes PowerSHAPE Pro ideal for the re-engineering of existing products into improved designs or for creating personalised items, such as medical devices for individual patients or sports equipment for a particular athlete.

The main enhancement in the new PowerSHAPE release is the ability to rewind the solid history tree of a model to any position using a graphical slider. Edits can then be made, either by applying the Solid Doctor to repair problematic data or by using the full range of direct modelling tools in PowerSHAPE, without losing the history of the model. Once the required edits have been completed, the rewind point can be moved or deleted; the complete solid history is then re-built automatically.

A simpler change, that will also save significant amounts of time, is that clicking the right mouse button now has the same effect as pressing "Apply" or "OK" on all forms. This is particularly useful when carrying out repetitive tasks such as filleting around a complex model. The user can now select each edge to be filleted, click the right mouse button and then move on to the next edge. Similarly, a series of holes can be created more quickly just by selecting the position and clicking the button for each hole.

Other solid modelling enhancements include a new dialog for the solid-split command, a more flexible replace-face option that now allows faces of one solid to be replaced with faces from a separate solid, and new hole types allowing faster creation of holes for standard metric and imperial cap-head screws and bolts.

In addition, the Solid Doctor has been made more flexible with the ability to relax or tighten the linking tolerances on specific edges. This is important for subsequent modelling as tolerance issues can affect the reliability of Boolean operations.

Additional improvements to PowerSHAPE Pro will make re-engineering from scanned data quicker and easier. A set of new modelling tools will allow users to extract selected points from within a cloud of point data to make a new one, or to combine separate clouds into a single set of data. In addition, separate clouds, or areas within a cloud, can be given different colours for easier identification.

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Flow Science Announces Release of FLOW-3D Version 10.1

24 January 2013

Flow Science, Inc. announces the availability of a new release of its computational fluid dynamics software, ***FLOW-3D***, known for its high level of accuracy and large physical model library that serves a broad range of industries. ***FLOW-3D*** version 10.1 features a redesigned graphical user interface. The new design, which was based on significant customer input, gives users a streamlined approach to setting up, running and analyzing simulations. On the solver side, developments include new hybrid shallow water/3D flow, cooling channels and spray models and significant enhancements to the fluid structure interaction/thermal stress evolution and general moving objects models. The results file size has been substantially reduced to help users better handle and store their simulation data.

The hybrid shallow water/3d flow model is especially useful for civil and environmental applications. Large sections of rivers and coastal areas can be modeled using the very efficient depth-averaged (shallow water) equations, while structures like piers, spillways, and overflows can be modeled with the full 3-D Navier-Stokes equations. This allows users to set up approach conditions to 3-D structures rapidly, and to model complex networks of channels and diversions.

“The driving force behind the redesign of the GUI was to help our users increase their productivity by making it easier for them to unleash the power of ***FLOW-3D***’s solver. Some of the ways we’ve addressed this is by making the interface customizable so that users can set their own preferences, including dockable windows, a redesign of the Meshing and Geometry window where users spend most of their time, and a simulation queue manager that allows for easy management of simulations. We will continue our focus on creating the best user experience possible with the upcoming integration of EnSight into ***FLOW-3D***, which will give our customers the best-in-class post-processing software to

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better analyze, visualize and understand their simulation results,” said John Ditter, Flow Science’s Vice President of Software Engineering

Key models and improvements to the solver and GUI include:

- Hybrid Shallow Water/3D Flow Model
- Spray Cooling Model
- Plastic Deformations in the FSI/TSE Models
- Cooling Channels Model
- Enable Moving Objects to be porous materials
- Simulation Queue Manager
- Redesigned Meshing & Geometry tab

For an extensive description of the solver improvements in the v10.1 release, go to: <http://www.flow3d.com/flow3d/flow3d-whats-new-in-version-10-1-solver.html>.

For an extensive description of the graphical user interface improvements in the v10.1 release, go to: <http://www.flow3d.com/flow3d/flow3d-whats-new-in-version-10-1-gui.html>.

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GRAPHISOFT Introduces the Next Generation of Building Energy Modeling with EcoDesigner Star 21 January 2013

GRAPHISOFT's Announces today its new EcoDesigner Star Building Energy Modeling solution.

EcoDesigner Star enables architects to use ArchiCAD's building information model (BIM) directly as a building energy model (BEM). This ensures streamlined collaboration between designers and energy consultants. Furthermore, EcoDesigner Star offers standard-compliant energy analyses on the BEM and produces a detailed building performance report, all within the familiar ArchiCAD design environment.

Eurobuild, a company specializing in the design of low energy buildings, was one of the first design teams to use the new EcoDesigner Star. By applying the improved energy analysis workflow to their M Labs project, Eurobuild could generate reliable building energy evaluations at every stage of the design workflow.

GRAPHISOFT has planned a public Webcast to communicate this announcement. Register at www.graphisoft.com/products/archicad/webinars.html

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Kenesto Expands to Provide a Unified Social Business Collaboration Platform for the Enterprise

22 January 2013

Kenesto Corp. today announced the expansion of its offering to include a broader collection of Social, Workflow Process, Project Organization, and Collaboration capabilities, specifically designed for enterprises both large and small.

With the immediate availability of the company's fourth major release, Kenesto now provides a unification of capabilities previously fragmented in the Social Business and Collaboration marketplace. Kenesto's integrated cloud service delivers the full benefits of social interaction through its all-in-one service for group discussions, file and content sharing, team collaboration, project organization, task management, social workflow enablement, and more.

Designed from the ground-up for business use, with IT-class security and infrastructure, Kenesto's solution supports both hard-wired as well as casual, social, and ad-hoc working paradigms, providing a more engaging and simple to use environment to better enable collaboration between employees, partners, suppliers, customers & consultants.

"We see companies adopting Social Business Collaboration concepts and tools at an unprecedented rate," said Michael Payne, Kenesto CEO. "With our expanded focus, Kenesto's solution offers a never before seen combination of capabilities to help companies improve how they operate, innovate and realize value."

While Kenesto will continue to support links and connectivity to other popular Social Business Collaboration solutions available in the market, their unified approach now available with this latest release provides a better platform for companies to capture knowledge, with a complete history and audit trail across a variety of integrated Social Business Collaboration paradigms.

"Companies are looking for the ability to improve productivity and innovation through new cloud and social business collaboration methods," said respected industry expert, [Dana Nickerson](#). "The ability to mine and reuse corporate knowledge is essential for making good decisions. Kenesto's new all-in-one solution offers the added ability for searchable audit trails and a historical knowledge base that would otherwise be difficult or impossible to reproduce using multiple fragmented solutions."

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Lattice Upgrades FPGA Design Software Platforms, Focuses On Ease Of Use, Low Power

21 January 2013

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Lattice Semiconductor Corporation announced an array of advancements to its software platforms, debuting new versions of Lattice Diamond® and iCEcube2™ design tools. The updated software prominently features several notable advancements that improve power calculations and design productivity aimed at the creation of mobile and consumer, communication, and industrial systems that undergo fast design cycles, demand power efficiency, and have aggressive cost constraints.

"These refinements address the tough combination of power, size, cost, and connectivity requirements for such high-volume markets as smart phones, tablets, and mobile computing," said Mike Kendrick, Director of Software Marketing at Lattice

"Fine-tuned for the unique architecture of our low power, low cost, low density and ultra-low density FPGAs, this software release marks a significant step forward in the design of power-sensitive devices. The tools enable an in-depth understanding of total power usage and simplify design exploration to achieve product goals faster than ever."

Lattice Diamond 2.1

New Insights into Low Power Design

The updated Diamond Power Calculator contains a matrix that displays the power consumption of each block and each power supply. Also, the detailed power analysis for multiple design implementations can now be easily compared side by side in a new chart, extending the benefits of design exploration. For power-aware FPGAs such as the Lattice MachXO2™ device, designers can view the detailed power analyses for the two power modes side by side.

Enhanced Design Exploration

Lattice Diamond software is designed to simply, create, and explore different design implementations to achieve the aggressive design goals of low cost, high volume designs. New algorithms further speed timing closure for multipass runs. By dynamically fine tuning the netlist during placement to meet the characteristics of the device, innovative algorithms for the LatticeECP3™ FPGA family achieve faster performance in the target device without incurring area penalties and increasing cost. Moreover, timing reports now include enhanced information on unconstrained timing paths that accelerates the analysis of design constraints and timing results.

New Upgrades Boost Ease of Use

Lattice Diamond 2.1 software's Hierarchy view is now automatically available alongside the File List and Process views. It displays design resource usage at various stages of the implementation process, and allows the user to move directly to the HDL source for each level of hierarchy, to designate any level of the hierarchy as the top of the design, and to generate symbols for any level of hierarchy.

Verification and debug has also been upgraded. The Reveal™ debugger now supports debug insertion into a mixed language design at the HDL level, preserving buses and type information. The Simulation Wizard has new options that allow users unfamiliar with simulators to easily start simulations and trace signals.

To further help designers, updated documentation includes an expanded FPGA Design Guide with more information on HDL coding guidelines and timing analysis. A new tutorial provides in-depth information to help new users to begin working with the Lattice Diamond software.

The LatticeMico™ System's capability for generating system platforms has also been improved. Now, designers can easily expand the peripheral set of their microcontroller by connecting it to an FPGA that contains a peripheral-only platform generated by the LatticeMico System.

Ultra-Low Density FPGA Design Software for iCE40™

iCEcube2 software is the design environment for the Lattice iCE40 family of ultra-low density FPGA devices. The updated iCEcube2 software includes improvements that increase accuracy. For example, the new version of iCEcube2 software now includes final timing and power data that enable design analysis under worst case as well as typical conditions. The updated data also reflect wider temperature ranges to support both commercial and industrial devices, which gives designers greater confidence that their design will operate correctly in a variety of conditions. The power estimator also has improved data and algorithms that increase the accuracy of dynamic and static power calculations.

Third-Party Tool Support

Lattice Diamond 2.1 includes:

- Synopsys' Synplify Pro advanced FPGA synthesis for Windows and Linux.
- Aldec's Active-HDL Lattice Edition II simulator for Windows.

Lattice iCEcube2 includes;

- Synopsys' Synplify Pro advanced FPGA synthesis for Windows
- Aldec's Active-HDL Lattice Edition II simulator for Windows.

Third-Party Partners

- Synopsys Synplify PRO's OEM and full versions' support all Lattice FPGAs.
- Aldec supports all Lattice FPGAs in the full and OEM versions of Active-HDL and in the full version of the Riviera-PRO advanced simulator.
- Mentor Graphics ModelSim SE simulator supports all Lattice devices.

Operating Systems Support

Lattice Diamond 2.1 software supports Microsoft Windows XP, Windows Vista, Windows 7 operating systems, and is also available in a 64-bit application for Windows 7 to increase memory capacity. For Linux users, Diamond 2.1 has supported Red Hat 4, 5, 6, and Novell SUSE 10.1. New in this release is 64-bit support for Red Hat 4, 5, and 6 for increased memory capacity. Lattice iCEcube2 software supports Microsoft Windows XP, Windows Vista and Windows 7 operating systems.

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Lightwork Design Launches Artisan for BricsCAD

22 January 2013

Lightwork Design is pleased to announce the release of Artisan for BricsCAD – a new easy to use rendering solution for anyone involved in 3D design. From architectural and interior through to product design, Artisan can create great images of your work bringing your designs, documentation and presentations to life.

Artisan for BricsCAD enables easy and intuitive photorealistic rendering without leaving BricsCAD. Transfer your model into Artisan in seconds, apply drag and drop materials, pre-packaged lighting and backgrounds to your models. You can download and evaluate Artisan for BricsCAD complete with a large library of materials, backgrounds, and lighting. This version is the fully functional product but will render watermarked images until supplied with a license key (available to purchase from the store).

A simple and intuitive interface means you don't need to be a rendering expert to use Artisan for BricsCAD. Drag & drop preset materials, lighting and backgrounds onto your models and then with just one click create great looking images from your 3D designs. Artisan for BricsCAD uses the Lightworks Author rendering engine to create stunning photorealistic images and high quality OpenGL for Real-time navigation and fast previewing of material and environment changes.

Artisan is launched directly from BricsCAD with no need for file export. Continue working on your design and then update your changes in Artisan at the click of a button. Artisan will update your model changes while keeping all of the material and lighting parameters you have defined.

Artisan isn't just about creating a single final image, it's also a great tool for visualising your model during design. Using the powerful Artisan SnapShot feature you can quickly & easily build up a range of design alternatives for your models. Explore and compare multiple material combinations, camera positions, lighting setups and backgrounds and save them all for later use. Select your favourite SnapShots for creation of final quality images and create them when you choose using batch rendering. Double click on SnapShots to display your rendered images in the main window. Select snapshots for printing or to use within your documents and presentations. You can even use Artisan for live demonstration of your designs with clients by using SnapShots as a storyboard.

Whether you are exploring early concept designs, creating images for internal design review or looking to impress clients with final quality renders, Artisan for BricsCAD is a fast and fun way to produce professional visualisations.

Key Features

- Integration with BricsCAD means geometry and images are easily updated
- Photorealistic image creation using global illumination, HDR reflections and lighting
- High quality real-time navigation
- Preset materials, lighting and backgrounds

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- Drag and drop interface
- Manage design variations using SnapShots
- Free tutorials and downloadable resources available at www.lightworksartisan.com

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Michigan Engineering Services Increases Value of the HyperWorks Partner Alliance with Addition of High-Frequency NVH Software

23 January 2013

[Altair's HyperWorks Partner Alliance](#) (HWPAA) today announced a new partner. Michigan Engineering Services (MES) now has made its Energy Finite Element Analysis Solver (EFEA) for noise vibration harshness (NVH) analysis available within the program. EFEA can be used for mid- to high-frequency vibration and acoustic simulations for complex structural-acoustic systems.

"We are delighted that EFEA has joined the HyperWorks Partner Alliance," said Altair Senior Program Manager for Noise, Vibration and Harshness Jianmin Guan. "As a proven finite-element-based technology, it complements HyperWorks' industry-leading NVH simulation and optimization solutions very well and offers our customers outstanding capabilities in dealing with airborne and structure-borne noise problems in the mid and high frequency ranges."

EFEA has many applications and has been applied and validated in naval, automotive and aircraft industries. It is compatible with CAD databases used in the product development process and can be easily integrated within a multi-disciplinary design environment. Being computationally efficient and easy to use, this technology offers a competitive advantage for customers and streamlines structural-acoustic simulations with other analyses during the design process.

"The collaboration between Altair and MES is based on the strong technical foundation of the two companies," said MES Chief Technical Officer Nick Vlahopoulos. "The EFEA solver complements the collective capabilities of the HyperWorks partners by adding the opportunity for customers to conduct mid- to-high-frequency vibro-acoustic analysis using finite elements, a capability that was unavailable within the program until now."

The EFEA method is different from the finite element analysis (FEA) method, because it uses energy-based primary variables instead of pursuing a displacement-based solution. This allows for significant computational efficiency that uses only a small fraction of elements compared to FEA.

One notable benefit of the EFEA method is that the model requires no modal density information. Further, the model retains a direct connection with the physical design through its finite-element-based model, while structural damping and acoustic treatment can be specified on the physical part of the

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model where it is actually applied. The results offered by EFEA can be visualized by any post-processor, thus the method fits perfectly in any design process for developing efficient noise-mitigation strategies. The EFEA method can also be compared to that of statistical energy analysis (SEA), because they both utilize vibrational and acoustic energy variables.

Released 12 years ago, Altair's original and versatile unit-based licensing system has allowed [HyperWorks](#) users to access a growing portfolio of applications while optimizing their investment. Every license is composed of a pool of recyclable HyperWorks units (HWUs), which can be used to access any application within the HyperWorks family.

After seeing the success of the unit-based system, Altair decided to expand the model to third-party companies and allowed them to run their own applications under this unit-based system, a collaboration known as the HyperWorks Partner Alliance. The overall flexibility of these HWUs empowers users and allows them access to the largest and most complete suite of CAE applications available. This licensing model makes the benefits to participating HyperWorks customers infinite, with their return on investment increasing each time a new application is added to the offering. They can access any of the partner programs using the same leased HWUs they are already using to run HyperWorks, all available at no incremental cost or long-term commitment.

To learn more about MES or EFEA, please attend one of the [introductory webinars](#), being held on February 7 at 9 a.m. and 1 p.m. EST. Both webinars will be hosted by Altair and presented by MES.

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SolidWorks Gold Partner CNC Software Company Premieres Latest CAM Technology for Machine Shops

23 January 2013

BobCAD-CAM, Inc. released the third and newest version of BobCAM for SolidWorks this week at SolidWorks World. BobCAM is a CNC Software Add-In that provides users the ability to program their designed parts right inside SolidWorks.

BobCAD-CAM's brand new BobCAM V3 will provide a more robust and complete CAM solution for machinists and manufacturers in several industries, such as automotive, aerospace, medical, and general CNC milling.

BobCAM V3 offers enhancements to several areas of the BobCAM system based on the feedback from customers. For example, the software is now offered as both a 32-bit and 64-bit native application, allowing shops to take advantage of more of the system memory for large toolpath calculations and simulation.

Other improved CAM elements include: stock wizard, wrapping groups, tool crib, material/cutting

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conditions, and tool holder library. The new tool holders can be defined with an easy to use interface that contains a preview window, which updates in real time to show the actual tool holder as it is being created.

The 3 Axis Pro toolpaths are now multi-threaded, taking advantage of all of the processing power of multi-core computers. The 3 Axis Pro toolpaths access all available processors of the host computer for computing the 3 Axis Pro toolpaths, making calculations faster and easier than ever.

The new version of BobCAM also offers new 2 and 3 axis milling improvements, such as: advanced pocketing with adaptive roughing, 3 Axis adaptive roughing, multi-pass pencil, facing cycle enhancements.

MultiAxis modules have been added in this most recent version, and include features such as: rotary toolpath, 3+2 positioning/indexing, 5 Axis trimming / wireframe based toolpath, surface based toolpaths, multiaxis roughing, swarf machining, machine definitions, full machine simulation, and various new tool types.

BobCAM V3 for SolidWorks offers CNC Milling Modules for 2 & 3 Axis Mill Standard, [2 & 3 Axis Mill PRO](#), [4 Axis Mill PRO](#), and [5 Axis Mill PRO](#) so that you can add functionality and machining capabilities as your shop grows.

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Vectorworks Cloud Services Now Offers Versioning

23 January 2013

Nemetschek Vectorworks, Inc. has released a new version of the Vectorworks® Cloud Services mobile application, Vectorworks Nomad 1.0.9, and desktop application, version 1.0.14.

Among various fixes and improvements in the Nomad 1.0.9 application, users can now access previous versions of Vectorworks files synchronized to their Vectorworks Cloud Services account, allowing them to view the history of changes and markups in each project.

“As Vectorworks Cloud Services has grown in popularity, we have received more and more feedback from users regarding their wishes for the future. File versioning has been a frequent request, so with this release, we added an easy-to-use version control,” said Dr. Biplab Sarkar, chief technology officer of Nemetschek Vectorworks, Inc. “This is another element added to the type of collaborative workflow that our Cloud Services supports. In addition, we plan to release an Android version of our mobile application in the very near future.”

With Vectorworks Cloud Services, users can access and share files and make design decisions from any location. Changes to users’ Vectorworks files will be automatically synchronized to their private cloud storage, allowing them to browse, annotate and share their designs from web-enabled devices using the

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Vectorworks Nomad mobile application.

Vectorworks Cloud Services is available to members of the Vectorworks Service Select subscription program. To learn more, please visit www.vectorworks.net/cloudservices.

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Version 3.1 of PROSTEP PDF Generator 3D now Available

23 January 2013

Numerous processes and functions have been optimized in the new version 3.1 of PROSTEP PDF Generator 3D and quality further improved. Over 75 different points were revised in order to offer users an even more secure solution that provides an even higher level of quality.

PDF Generator 3D - in combination with Adobe® Reader® XI - now also supports the association of product manufacturing information (PMI) and 3D objects, referred to as "semantic PMI".

The list of supported CAD systems is also getting longer. As of version 3.1, the solution supports the new system versions of Dassault Systèmes CATIA V5 and CATIA V6 as well as Siemens PLM Software's Solid Edge.

One highlight is certainly the support of semantic PMI, an extremely useful function for cases in which a 3D PDF is to replace 2D drawings. Adobe Reader version XI supports the association of PMI objects with 3D surfaces within the framework of semantic PMI – including highlighting functionality. This enables the simple visual assignment of 3D annotations to geometry objects.

More detailed information on the [PDF Generator 3D website](#).

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Visual PLM.net Gets Tighter Design Integration with Version 2 Illustrator Plug In

22 January 2013

Visual 2000 International Inc. (<http://www.visual-2000.com>) announces the second major release of its Adobe® Illustrator® Plug-In for Visual PLM.net®. A follow up to the initial launch in September 2012, Version 2 provides fashion and technical designers with more robust PLM integration by adding new and enhanced image management and product editing capabilities inside the popular CAD software.

According to Charles Benoualid, Visual 2000 Vice President of Research and Development, "We are experiencing tremendous interest in our Illustrator integration tools. Both users and managers like the simplicity of interacting with the PLM system right from the familiar CAD interface. Version 2 adds more and better ways to achieve this. We will continue to aggressively develop this important

technology.”

The latest Adobe Illustrator Plug-In gives designers full integration with the Digital Asset Management capabilities of Visual PLM.net. This interoperability enables Illustrator users to:

- Attach Illustrator Artboards to Image Blocks in PLM
- Use images from PLM Image Management in Illustrator
- Preview and Edit images in the Plug-In
- Search images by “Where Used” in PLM
- Delete references of images in PLM products

Illustrator users can also use the tool to search for and edit PLM product and image information through convenient text boxes, dropdown lists, and other menu options added by the plug-in.

Version 2 of the plug-in is now available free of charge to new and current Visual PLM.net clients using Illustrator on Mac® or PC.

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ZWCAD Mechanical 2012 SP1 Makes Complex CAD Designs Easy

22 January 2013

ZWSOFT, a supplier of 2D and 3D CAD/CAM solutions to the AEC and MCAD industries, today officially unveiled [ZWCAD Mechanical SP1](#), an upgrade pack which improves on performance in project data management. With more than 10 new features and enhancements, ZWCAD Mechanical 2012 SP1 helps to streamline the mechanical drafting processes and improve the design quality.

[ZWCAD Mechanical](#) is a ZWCAD+ based software for manufacturing, which includes all the functionalities of ZWCAD+. With comprehensive libraries of standard-based parts and mechanical tools for design and drafting, ZWCAD Mechanical accelerates the mechanical design process, and helps designers save hours of drafting time. Designers can spend more time innovating rather than managing workflow issues.

“ZWCAD has come a long way since its inception, and ZWCAD Mechanical is a mature product that can be used effectively for drafting 2D mechanical drawings.” said Ron Green, a well-known professional engineer in [an expert review of ZWCAD Mechanical](#).

When it comes to Service Pack 1, the most surprising enhancement is a more efficient project data management which helps designers to manage mechanical projects and make complex designs easy. Some key features and enhancements are as follows:

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Manage Product Data Easily with TeamVault---ZWCAD Mechanical 2012 SP1 accelerates mechanical designs with better product data management, collaborative operation and data history review. It allows multiple users to design in collaboration simultaneously via LAN and WAN. In addition, by using the managed tree, they can easily record the operation process and manage the product data in a more efficient and intuitive way.

Reduce Design Cycle with Super Card--- ZWCAD Mechanical 2012 SP1 provides more types of commonly used card templates in the mechanical industry in order to meet the needs of manufacturing. Also, users can easily customize and edit their own table template.

Increase Design Accuracy with Enhanced Rectangle--- ZWCAD Mechanical 2012 SP1 provides designers more methods and allows them for easier and more accurate creation of rectangle and square. It further eases their workflow and reduces the need for rework and improving drafting quality.

Drafting Modification is Easier with Power Erase---ZWCAD Mechanical 2012 SP1 enables designers to modify drafting in a more efficient way. With power erase, designers can easily erase the selected object. Furthermore, the dimensions will automatically adjust if a related one is erased resulting in easier modification, simplified design and reduced mistakes.

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