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Top Story

MSC.Software Announces Agreement to be Acquired by Symphony Technology Group

7 July 2009

[MSC.Software](#) announced that it has entered into a definitive agreement with affiliates of Symphony Technology Group (STG) under which a company controlled by STG will acquire all of MSC's outstanding shares in a one-step cash merger transaction valued at approximately \$360 million. Under the terms of the agreement, MSC's stockholders will receive \$7.63 in cash for each share of MSC common stock. This price per share represents approximately a 13% premium to the closing price per share of MSC's stock prior to this announcement and approximately a 24% premium compared to the 90 trading-day trailing closing average price per share.

"After a careful and thorough review of all strategic alternatives available to MSC, the MSC Board of Directors has approved this agreement as it represents the best option for our stockholders," said Ash Munshi, Interim Chief Executive Officer and President of MSC. "This decision is the culmination of a long process of review and examination, and in addition to maximizing value for our stockholders, provides excellent opportunities for our employees and customers."

CIMdata PLM Industry Summary

"This transaction will allow the company to stay focused on delivering leading simulation solutions. We are pleased that Symphony has recognized MSC's success to date and look forward to this next stage in the company's life," continued Mr. Munshi.

"MSC's offerings are the clear market leading simulation solutions with proven track records of delivering compelling value to customers. MSC has a long history of driving innovation in the design simulation space for multiple industries. Symphony's mission is to be a partner in helping to build great companies and in enabling growth through innovation, so we are very pleased to have the opportunity to build upon the strong franchise that the MSC team has developed over the past 45 years," said Dr. Romesh Wadhvani, Chief Executive Officer and Managing Director of Symphony Technology Group.

MSC's Board of Directors has approved the merger agreement and will recommend that stockholders adopt the agreement. In connection with the transaction, stockholders representing approximately 14% of the outstanding shares of MSC, including the company's largest stockholder Elliott Associates and all of the company's directors and executive officers, have entered into voting agreements to vote in favor of the transaction. Elliott Associates has also committed to provide debt and equity financing to help finance the transaction. Wells Fargo Foothill, part of Wells Fargo & Company, and CapitalSource Bank have committed to provide senior debt financing.

The transaction is subject to customary closing conditions, including approval of MSC's stockholders and regulatory approvals and is expected to close near the end of the third quarter of 2009.

J.P. Morgan Securities Inc. is acting as financial advisor to MSC in connection with the transaction.

About Symphony Technology Group

Symphony Technology Group (STG) is a strategic private equity firm with the mission of investing in and building great software and services companies. In addition to capital, STG provides transformative expertise to enable its companies to deliver maximum value to their clients to retain and attract the best talent and to achieve best in class business performance. All STG companies are expected to grow through innovation. STG's current portfolio consists of nine global companies with combined revenue of \$2.5 billion and 15,000 employees spread evenly across North America, Europe and Asia.

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Symphony Technology Group and Elliott Associates Announce Proposed Acquisition of MSC.Software

7 July 2009

Symphony Technology Group (STG), a leading private equity firm, and Elliott Management Corp., a \$14 billion private investment firm, announced that affiliates of STG have entered into a definitive agreement with MSC.Software Corporation (MSC) to acquire all of MSC's outstanding shares in a one-step all-cash merger transaction valued at approximately \$360 million. Under the terms of the agreement, MSC's stockholders will receive \$7.63 in cash for each share of MSC common stock, representing approximately a 13% premium to the closing price per share of MSC's stock prior to this announcement and approximately a 24% premium compared to the 90-trading day trailing average price per share.

"MSC's offerings are the clear market leading simulation solutions with proven track records of delivering compelling value to customers. MSC has a long history of driving innovation in the design simulation space for multiple industries. Symphony's mission is to be a partner in helping to build great

CIMdata PLM Industry Summary

companies and in enabling growth through innovation, so we are very pleased to have the opportunity to build upon the strong franchise that the MSC team has developed over the past 45 years," said Dr. Romesh Wadhvani, Chief Executive Officer and Managing Director of Symphony Technology Group.

"We are very pleased to have facilitated this transaction," said Jesse A. Cohn, Portfolio Manager at Elliott. "This will allow MSC to continue to deliver innovative solutions in the simulation software sector. As significant equity holders in MSC, we will maintain our ownership alongside STG, which has a strong track record of building outstanding software companies."

MSC Software's Board of Directors has approved the merger agreement and are recommending that stockholders adopt the agreement. In connection with the transaction, stockholders representing approximately 14% of the outstanding shares of MSC, including the company's largest stockholder, Elliott, and all of the company's directors and executive officers, have entered into voting agreements to vote in favor of the transaction. Elliott also has committed to provide debt and equity financing to help finance the transaction. Wells Fargo Foothill, part of Wells Fargo & Company (NYSE:WFC), and CapitalSource have committed to provide senior debt financing.

The [MSC](#) transaction is subject to customary closing conditions, including approval of MSC's stockholders and regulatory approvals. This transaction is expected to close near the end of the third quarter of 2009.

Shearman & Sterling LLP served as legal counsel to STG; Paul, Weiss, Rifkind, Wharton & Garrison LLP served as legal counsel to Elliott; and Davis Polk & Wardwell LLP served as legal counsel to MSC.

About Symphony Technology Group

Symphony Technology Group (STG) is a strategic private equity firm with the mission of investing in and building great software and services companies. In addition to capital, STG provides transformative expertise to enable its companies to deliver maximum value to their clients to retain and attract the best talent and to achieve best in class business performance. All STG companies are expected to grow through innovation. STG's current portfolio consists of nine global companies.

About Elliott

Elliott's two funds, Elliott Associates, L.P. and Elliott International, L.P., together have more than \$14 billion of assets under management. The funds' investors include institutions, foundations, endowments, pensions, high net worth individuals, and family offices. The 32-year-old trading firm is one of the oldest of its kinds under continuous management.

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CIMdata News

CIMdata Inc. Announces the Date and Location of Its Next PLM Certificate Program

8 July 2009

CIMdata, Inc., the leading global PLM consulting and research firm announces that the next session of its PLM Certificate Program is to be held in Andover, MA from September 28 through October 2, 2009. CIMdata's [PLM Certificate Program](#) is the flagship offering of *CIMdata PLM Leadership*—the PLM industry's most comprehensive non-biased education and training offering for today's PLM professionals. Register online at www.CIMdata.com.

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CIMdata's PLM Certification Program prepares industrial professionals at several levels to successfully address the challenges inherent in PLM implementations. This five-day assessment-based program includes an intimate classroom experience, individual and team-based exercises, and individual evaluations of achievement. Additionally, the program provides candidates with intensive and extensive exposure to a team of CIMdata's experts. Upon completion of the program, each participant receives a CIMdata PLM Certificate and thereby becomes a member of CIMdata's global PLM Leadership community. The CIMdata PLM Certification Program is built on CIMdata's more than 25 years of extensive world-wide 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 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 more than 25 years ago, 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 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 Siriusdreef 17-27, 2132 WT Hoofddorp, The Netherlands. Tel: +31 (0)23 568-9385. Fax: +31 (0)23 568-9111.

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Company News

Autodesk Plant Solutions Expands Global Network to More Than 50 Partners as Process Plant Design and Engineering Market Grows

8 July 2009

Autodesk, Inc. announced that the Autodesk Plant Solutions global network has expanded to more than 50 partners worldwide, including Hagerman & Company, one of the largest Autodesk VARs in the United States. In three years, the Autodesk Plant Solutions group has identified and signed agreements with existing and new partners in Africa, the Americas, Asia, Europe, and the Middle East. The program is comprised of partners that have demonstrated an ability to master Autodesk solutions for plant design and engineering and have developed effective business plans for selling those solutions to the plant design and engineering community.

"As part of our growth strategy, we are continually looking at new product and service offerings for CAD customers, and Autodesk Plant Solutions is a good fit for us," said Dennis A. Hagerman, president and CEO of Hagerman & Company, Inc. "New offerings are even more important during a recession when existing revenue streams are under pressure. New products such as AutoCAD P&ID now and AutoCAD Plant 3D in the future, and the services we offer to support these products, can help to fill the

gap."

From Success with AutoCAD P&ID to the Future with AutoCAD Plant 3D

Beginning with the AutoCAD P&ID software release in 2006, Autodesk Plant Solutions has helped to extensively prepare its selected partners by providing product training, market analysis, go-to-market planning, and marketing materials.

"Our partners can provide excellent local service and technical expertise to their plant design and engineering customers," said Abel Smit, senior director, sales & business development, Plant Solutions, AEC, Autodesk. "The worldwide success of AutoCAD P&ID, and potentially of the upcoming AutoCAD Plant 3D, software solutions is in part due to our partners' commitment to customers and investment in Autodesk Plant Solutions."

Partners Deliver Value to Autodesk Plant Solutions and Plant Industry Customers

Autodesk Plant Solutions Partners can be trusted sources of local support for technology specific to the plant design and engineering industry. They adopt best practices in customer service and support and offer their insights into customers' business needs and use of technology, which helps identify promising areas for product research and development.

"We started CADTEAM to focus exclusively on Autodesk Plant Solutions," said Aries Kraemer, director and owner of CADTEAM, a dedicated Autodesk Plant Solutions VAR in Northern Europe. "We've worked very closely with the Autodesk Plant Solutions group from the beginning: our technical team, with its extensive experience in the process, electrical, instrumentation, and mechanical plant industry, worked with Autodesk's product development team to improve AutoCAD P&ID, and we wrote the AutoCAD P&ID Autodesk Official Training Courseware. Our customers, who are owners, operators, or technical advisors in the Plant arena such as Sonneborn, a global leader in the refining and manufacture of high-purity specialty hydrocarbons, choose to work with us because we understand their engineering and business issues. Our expertise in Plant and partnership with Autodesk Plant Solutions gives our customers the opportunity to test and influence products in development and immediate access to the plant-specific solutions they need."

"There is a large installed base of AutoCAD software users in the plant industry, so when Autodesk told us of their plans for Plant Solutions and released AutoCAD P&ID, our plant customers, large and small, were excited about the news," said Allan Murphy, director of Aceri Distribution, the first Autodesk Plant Solutions Partner and current Value Added Distributor (VAD) for Northern Europe. "By being an Autodesk Plant Solutions Partner, we together with the Reseller Channel were able to engage with customers such as GEA Process Technologies to discuss their specific business requirements, which were to increase overall productivity; allow larger teams to work on single projects; centrally share project information and data; enable faster project cycles; and deliver more information to their customers. As a Plant partner, we were able to present AutoCAD P&ID, AutoCAD Electrical software, and [Autodesk](#) Navisworks Manage software, which together addressed these requirements in full and all from a single supplier. Our customers know that Autodesk, Aceri and the reseller channel are committed to Plant and understand their needs."

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Intrinsys Partners with Altair to Reduce CATIA V5 Users' Product Development Time Through Optimization Technology

6 July 2009

Altair Engineering, Inc. announced that Intrinsys, a leading PLM service provider, has joined the HyperWorks channel partner program to resell Altair's CATIA V5 integrated optimization technology, HyperShape®/CATIA, to the UK design and engineering community.

HyperShape/CATIA is a direct integration between Dassault Systemes' CATIA V5 solution and Altair's design optimization technology, OptiStruct. The integrated solution helps frontload the development process with optimization technology to assist companies in achieving the demands of modern product design. This includes: reducing mass, minimizing material content, liberating designs with novel and optimal topology, as well as enabling non finite-element experts, such as CAD engineers working with CATIA, to develop structurally efficient, high-performance products in reduced timescales.

HyperShape/CATIA consistently delivers improvements in design performance and allows companies to achieve product and business objectives considerably faster than conventional development methods.

"Altair's HyperShape/CATIA technology is the perfect addition to our software product line for CATIA clients who are under increasing pressure to remove weight and material from their designs and improve product performance, saving both time and money," said Darren Cairns, Director of Intrinsys. "We are pleased about this new partnership with Altair and look forward to significantly enhancing the value of the solution and support for our customers."

"[Intrinsys](#) is a highly respected PLM services provider to the CATIA community and through its sister company, Integral Powertrain, is a recognized practitioner of best-practice powertrain engineering," said Maurice Linscott, Altair UK Regional Managing Director. "Enabling structural optimization earlier in the design process, before the definition of restrictive topology, is essential to ensure the development of optimal designs which meet or exceed the performance targets with the lowest product cost. We are confident that Altair's collaboration with Intrinsys will assist UK designers in achieving and exceeding their product performance and business objectives."

About HyperShape/CATIA

HyperShape/CATIA is the direct process integration of Dassault Systemes' CATIA V5 design environment and Altair's OptiStruct design optimization technology. HyperShape/CATIA generates structurally optimal design concepts, from supplied packaging information to loads, constraints and product performance requirements. Typically used before CAD design, HyperShape/CATIA helps CATIA V5 designers develop lightweight, high-performance design proposals. With HyperShape/CATIA technology, companies can achieve product and business objectives significantly faster than by using conventional design practices. For more information, please visit

<http://www.altairhyperworks.com/HyperShapeCatia>.

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Lattice Technology Releases Chapters 5 and 6 of its New Lean Manufacturing Book, Available Free of Charge

6 July 2009

Lattice Technology released Chapters 5 & 6 of the new book, "Improving Lean Manufacturing Through 3D Data" by Dr. Hiroshi Toriya.

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First published in Japan in late 2008, this book is targeted at manufacturing executives and educators trying to work out new strategies to build greater productivity and efficiencies into existing manufacturing processes. The book covers a wide range of case studies from leading Japanese manufacturers, along with recent survey data, to build understanding of how manufacturing can be enhanced using 3D data in downstream processes. It also explains the evolution of 3D and IT in the industry, and shows how it can be leveraged into other areas of manufacturing that are still using traditional processes.

Chapter 5 describes the main six areas identified by the author where 3D design data can be adapted to create more efficient manufacturing processes. These areas include automated design review, process design, motion simulation, and creation of process documentation, 3D parts lists and 2D technical illustrations for use downstream. This same chapter also details the XVL applications that fulfill these six key areas – applications developed and innovated by the author and his team members.

Chapter 6 delivers an in-depth use-case study at JEOL Ltd., a manufacturer of transmission electron microscopes, scanning probe microscopes, mass spectrometers and nuclear magnetic resonance spectrometers. Using [Autodesk Inventor](#) as its standard 3D design platform, coupled with XVL and the XVL applications for downstream adaptation of 3D data, the company has successfully introduced 3D across the entire enterprise. This chapter describes in detail the strategies and processes employed by the company to successfully introduce the shop floor employees to 3D data in their workflows.

This latest book is available free and exclusively from Lattice Technology and 2 chapters per month will be released to registered recipients. The book delivers 13 Chapters which include case studies on major manufacturers including Toyota, Brother Industries, Niigata Power Systems, Alpine Precision Inc., and more.

To find out more, view selected pages and to register to download the book, visit [Lattice Technology's Book Resources](#) page.

About Dr. Toriya

Dr. Hiroshi Toriya is the president and CEO of Lattice Technology. His career started after he graduated from Tokyo University in 1983 with a bachelor's degree in science, and began development work at Ricoh building a solid modeling kernel as part of Prof. Chiyokura's team. Dr. Toriya then built the team at Ricoh that supported, sold and further developed the resulting DESIGNBASE kernel. In 1989 Dr. Toriya gained his PhD on the strength of his thesis "A study of an Interactive Solid Modeler Containing Free-form Surfaces". He was appointed president and CEO of Lattice Technology in 1999.

Dr. Toriya has previously published 2 books, both in Japanese and English, titled "3D CAD principles and applications", (Springer-Verlag) and "3D Manufacturing Innovation", (Springer-Verlag). This latest book, "Improving Lean Manufacturing Through 3D Data" is also available in hard cover, in Japanese, from JIPM Solutions.

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Mentor Graphics Signs Ruihesoft as New Distributor in China

9 July 2009

[Mentor Graphics Corporation](#) announced signing Beijing Ruihesoft Co., Ltd., previously a reseller of Altium's products, as a distributor of Mentor's Printed Circuit Board (PCB) systems design products in

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China. The product portfolio will include the PADS® PCB design flow as well as the HyperLynx® family for high-speed signal interconnect simulation. This portfolio is tuned to the predominant needs of China's electronics companies, developing leading-edge systems with powerful desktop design solutions.

“Electronic systems and semiconductor components are getting more and more complex,” stated Feng Quanyu, general manager of Beijing Ruihesoft Co., Ltd. “Mentor Graphics provides the industry's best, affordable, innovative technology for users of individual desktop tool solutions as well as for enterprises with more complex design processes and organizations. Ruihesoft and Mentor Graphics will work together to provide total solutions and service for electronic system design companies in China. At a June 9th PCB seminar in Beijing held together with Mentor Graphics, hundreds of users highlighted the growing need for more powerful design and analysis solutions that deliver fast, accurate and repetitive results.”

“We are pleased to have Ruihesoft as our partner in China,” says Rick Bosshardt, vice president of Mentor's Geography and Distribution Channel. “Ruihesoft is providing us with a broader coverage, adding five additional major cities in northern and eastern China. Their experience as a former Altium reseller, the excellent training facilities, and the reputation for their outstanding support and serving their customers' needs will allow us to expand very quickly into new market segments by offering the best available products to every PCB design engineer in China.”

Over the past year, Mentor Graphics has made significant enhancements and added industry-unique and innovative technologies to its PCB design flows:

The PADS 9.0 release adds new levels of functionality, scalability and integration, enabling designers to leverage many of Mentor's unique and innovative technologies for design, analysis, manufacturing and multi-disciplined collaboration.

The HyperLynx 8.0 product expands the signal integrity solution with easy-to-use and accurate power integrity analysis, as well as new functionality to analyze advanced interconnect methods like DDR2/3.

About Ruihesoft

Beijing Ruihesoft Co., Ltd. (“Ruihesoft”) was founded in 1997, with more than 5,000 enterprise customers nationwide. Ruihesoft is the largest core distributor and solution provider of Autodesk Inc. and has obtained the title of the best dealer for eight consecutive years. Its cumulative software sales are 15,000 seats, and the customer group covers many industries, such as manufacturing, electronics, radio and television, and multimedia. Ruihesoft has established six branches around China and established a sales and service network with over 120 people. As a service-oriented application supplier, Ruihesoft is committed to providing enterprise customers with application software services in the fields of design, research and development. (<http://www.ruihesoft.com>)

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PTC Named “Ducati Official Supplier”

6 July 2009

PTC announced that Ducati Motor Company has named PTC as "Official Supplier" 2009. The title, reserved for a selected group of top quality service and product suppliers, recognizes PTC's contribution to the development of Ducati motorbikes.

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[PTC](#) provides Ducati the engineering software for the engines installed on all motorbikes, and for data management needs of the company. The first deployment of PTC solutions in Ducati dates back to 2000. Currently, Pro/ENGINEER® and Pro/INTRALINK® are deployed throughout the company.

Ducati achieved world recognition for its exclusive desmodromic timing system, designed with Pro/ENGINEER. In this system, both the opening and closing stroke of exhaust and intake valves are controlled, while normally valve closure is obtained as a result of spring recovery. The highly complex desmodromic system allows for superior engine reliability at the highest revs, reduction of valve flickering, lower fuel consumption and higher performance. Today, Ducati is using its exclusive desmodromic timing system for all its motorcycles.

"Throughout the last ten years, Ducati has been deploying new design and simulation software tools to help optimize our development process and further fine-tune our desmodromic timing system," said Simone Di Piazza, Vehicle Design and R&D Services Manager, Ducati. "The use of the Pro/ENGINEER suite of solutions for 3D design, kinematic analysis and FEM analysis enables us to perform different tasks such as geometric modeling, dynamic flow analysis and kinematic analysis simultaneously, virtually validating the system at an early stage of design which ultimately helps to reduce costs and shorten time-to-market."

"We're proud of contributing to the success of such a worldwide famous Italian brand like Ducati," said Stefano Rinaldi, Vice President and Country Manager, PTC Italy. "Ducati's standardization on our solutions demonstrates once again that PTC technology can drive innovation in a company that develops high performance products, hence increasing its competitive advantage."

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Events News

CGTech to Demonstrate VERICUT Composite Applications

7 July 2009

CGTech is honored to be presenting the latest developments in composite fiber placement programming & simulation at the CompositesWorld Expo 2009. The presentation will be given by CGTech's Product Marketing Manager, Bill Hasenjaeger, in the Advanced Track on Monday, September 28, 2009 at 10:30am. The Composites World Expo 2009 show takes place September 28-30 at the Renaissance Schaumburg Hotel and Convention Center in Schaumburg, IL.

Most users of CNC Automated Fiber Placement (AFP) machinery use off-line NC programming software delivered with their machine, forcing companies to adopt multiple software applications for multiple brands of machines. Mr. Hasenjaeger's presentation will discuss the implementation and use of machine independent off-line NC programming software as it applies to CNC fiber placement machines.

"The more mature CNC metal-cutting industry started the same way, but has now evolved into a clear separation and cooperation between independent software and machine suppliers," Hasenjaeger said. "This frees the company to select the best machine for the job, while using one software application to create NC programs for a variety of machine brands."

During the exposition CGTech will be demonstrating VERICUT Composite Applications: VERICUT Composite Programming (VCP) & VERICUT Composite Simulation (VCS) in booth 300.

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VCP reads CAD surfaces and ply boundary information and adds material to fill the plies according to user-specified manufacturing standards and requirements. Layup paths are linked together to form specific layup sequences and are output as NC programs for the automated layup machine.

VCS reads CAD models and NC programs, either from VCP or other composite layup path-generation applications, and simulates the sequence of NC programs on a virtual machine. Material is applied to the layup form via NC program instructions in a virtual CNC simulation environment. The simulated material applied to the form can be measured and inspected to ensure the NC program follows manufacturing standards and requirements. A report showing simulation results and statistical information can be automatically created.

[CGTech](#) will also be exhibiting the latest version of VERICUT CNC machine simulation and optimization software. VERICUT 7.0 features significant performance-improving enhancements that reduce the time required for manufacturing engineers to develop, analyze, inspect and document the CNC programming and machining process. Instead of focusing on new features or add-on modules, CGTech developer resources have focused on diligent code optimization and customer-driven enhancements.

VERICUT is CNC machine simulation, verification and optimization software that enables users to eliminate the process of manually proving-out NC programs. It reduces scrap loss and rework. The program also optimizes NC programs in order to both save time and produce higher quality surface finish. VERICUT simulates all types of CNC machining, including drilling and trimming of composite parts, water jet, riveting, robotics, mill/turn and parallel kinematics. VERICUT runs standalone, but can also be integrated with leading CAM systems.

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Delcam CRISPIN to Show Orthotics Design and Manufacture Software at APMA

6 July 2009

Delcam CRISPIN will demonstrate the latest version of its software for the design and manufacture of orthotic insoles at the National 2009 American Podiatric Medical Association (APMA) Annual Scientific Meeting to be held from July 30th to August 2nd, 2009 at the Metro Toronto Convention Centre in Toronto, Canada. Those not attending the event can find details on the new release at <http://www.orthotics-cadcam.com/releasecentre>.

Many enhancements have been added since last year's meeting in response to requests from the various orthotics companies that are supporting the development of the system. The software is now in use in many more organizations, including Blatchfords, Langers, Salts Techstep, Sub 4, Mile High and Dr. Comfort.

The Delcam CRISPIN software comprises of two programs – OrthoModel for computer-aided design (CAD) and OrthoMill computer-aided manufacture (CAM). This division increases purchasing flexibility for customers; giving both practitioners and laboratories the option to choose the combination of software which best suits their needs.

The combined programs provide a complete solution for the production of high-quality insoles for both the comfort and medical markets. The entire process is driven by a series of easy-to-use menus, which incorporate the terminology used by the industry to describe the various features of the orthotic. This makes it easy for medical and footwear professionals to use, even those having little previous experience

CIMdata PLM Industry Summary

of working with computers.

The main additions to the latest version are new options for the creation of anatomical orthotics. The new release also includes a new method to define heel lift, improved arch definition, greater flexibility when creating bespoke orthotics from standard models, and enhanced graphics and workflow to make the system even easier to use.

The new anatomical options allow scan data to be taken from part or all of the plantar scan representing the chosen sections of the sole and heel of the foot. This shape can then be reproduced exactly in the orthotic design to give the optimum contact area between the base of the foot and the device, and so spread the weight of the body as widely as required.

Most importantly, a smooth blend can be created between the contact area of the orthotic and the inside of the shoe, ensuring that the foot is matched correctly with the surface of the orthotic while walking. This is an essential requirement for patients with diabetes, as well as giving improved results for comfort orthotics.

The new option for heel lift gives extra versatility to the software. It can be used to compensate for different leg lengths in the patient or to create orthotics for high-heeled shoes.

The arch is one of the most critical areas within the foot. If it does not flatten sufficiently, it absorbs shock poorly, putting extra stress on the foot, especially on the heel. Alternatively, if the arch flattens too much, the foot will be unstable and the bones can become misaligned. Improved definition in this area within OrthoModel will give a more effective and more comfortable orthotic.

Many orthotics are purely accommodative and so do not require such high levels of customisation. In these cases, the designs are often created from a range of base models that can be adapted with add-ons or cut-outs for the individual patient. This approach has been further supported in the new release with an expanded library of components, plus the ability for the user to add their own shapes to this library.

In addition, it has been made possible for the design of these styles to be “batched.” This allows the operator to input prescriptions for a number of patients, together with the associated base model for each case. The software can then generate all the required designs in a continuous series of calculations. This process can even be carried out overnight, to give maximum productivity for the designer.

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Delcam to Show More Productive Machining Software at Offshore Europe

7 July 2009

[Delcam](#) will demonstrate the increases in productivity that can be obtained with its FeatureCAM feature-based machining software at the Offshore Europe exhibition to be held in Aberdeen from 8th to 11th September.

Typical of the savings that are possible are those achieved by Hawk Industries, Inc., a designer and builder of specialty drilling tools for the oil and gas industry based in Signal Hill, California. The company reduced machining time for its alloy steel components overall by 80% with its implementation of the software and an investment in CNC mills. The change to FeatureCAM also cut its programming times by 30% and helped the company to triple its output.

Determined to be competitive not only in its quality but also in its manufacturing methods, the company upgraded its CNC milling capability with purchase of three extra mills and FeatureCAM software to

CIMdata PLM Industry Summary

take models of its components into production quickly.

Mike Russo, manufacturing consultant at Hawk, had experience moving from simple 2D software to 3D software in his own business and so recommended FeatureCAM. The impact on Hawk's manufacturing capacity has been substantial. When Mr. Russo got to Hawk, the company was shipping about 20 units each year. Today, with the help of FeatureCAM, the company is producing 60 units or more a year.

More than 400 CNC programs have been completed in FeatureCAM. Typical machining tolerances are in the .001" range and are achieved consistently. The result has been a huge improvement in part consistency and a saving of more than 35% in assembly time for the more than 500 different parts that make up the devices.

On a single plate, the combination of FeatureCAM and the new CNC mills reduced processing time from four hours to one-and-a-half hours. On another part, the machining and assembly time went from three hours to thirty-five minutes, and the fit between the two parts is now more consistent.

FeatureCAM saves programming time as well as machining time at Hawk. Its feature-based programming makes it easy to create CNC programs for Hawk's models. Furthermore, most of the parts machined at Hawk are held in custom fixtures, designed with FeatureCAM. This not only maintains consistency, but reduces set-up time and allows Hawk to machine several parts in a single set-up.

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EDAC and DAC Bring Back Free Monday

8 July 2009

[The 46th Design Automation Conference \(DAC\)](#) and the [Electronic Design Automation Consortium \(EDAC\)](#) announced that they are teaming up to bring back Free Monday to DAC. EDAC is sponsoring the popular Free Monday exhibit program at DAC this year in response to strong demand in the design engineer community, and to enable more of the design automation industry to attend DAC this year. Free Monday registration includes access on Monday, July 27 to the exhibition, DAC Pavilion, Exhibitor Forum, IC Design Central Pavilion, and the Keynote Panel, "Futures for EDA: The CEO View." DAC will take place July 26 – 31, 2009 at the Moscone Center in San Francisco.

Registration

For more information, and to register for either Free Monday, Exhibits-Only or Full Conference attendance at DAC visit www.dac.com or go directly to <https://reg.mpassociates.com/reglive/register.aspx?confid=95>. All DAC registration, including Free Monday, will also be available onsite.

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Live Webcast: Tolerance Analysis – Preparing Your Model for the Real World

July 2009

Live, one-hour webcast with tolerance analysis experts from PTC and Sigmetrix

When: Tuesday, July 21 at 1pm ET

In the imaginative world of 3D design, you can create flawless models that represent the ideal version of the product your customer wants to build.

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But in the real world of manufacturing, plastics will shrink, cutters will lose their edge, and parts won't fit perfectly. It's called manufacturing process variation – or variational behavior – and it's sometimes very difficult to predict.

The goal of performing tolerance analysis is to identify, minimize and control the sources of variation, thereby reducing their impact on the robustness of the final product.

Here's your chance to see how Pro/ENGINEER Tolerance Analysis Extension powered by CETOL Technology enables design engineers to analyze, visualize and understand the geometric tolerance stack-up and dimensional variation that impacts design. In this live webcast, you'll learn to:

- Evaluate the impact of tolerances on the manufacturability of designs through both worst-case and statistical variation analyses

- Enable concurrent engineering to ensure designs meet manufacturing requirements

- Ensure six sigma levels of design quality

- Streamline design processes, improve productivity and reduce time-to-market

Join PTC and Sigmetrix on **July 21 at 1pm ET** for this live webcast and learn how other engineers are using pro/ENGINEER Tolerance Analysis Extension powered by CETOL to gain powerful tolerance analysis capabilities within their design environment.

[Register now](#)

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Sequence Enabling Design for Power (DFP): DAC Booth 3455

7 July 2009

[Sequence Design](#) will introduce a new version of its PowerArtist at this year's DAC, Booth 3455, combining RTL power analysis and automatic power reduction all within an integrated environment.

For information on demos, products, and all other news and events mentioned in this announcement, visit: <http://www.sequencedesign.com/newsevents/events.php>.

The latest PowerArtist power-reduction breakthrough is but a part of the company's DAC lineup this year, which includes:

Enabling Design For Power

A range of solutions with a legacy of proven results speed design closure while ensuring accuracy:

- PowerArtist, automatic analysis and reduction
- PowerTheater, unmatched precision at RTL
- CoolProducts, advanced features for power-grid integrity
- Columbus, sets the standard for extraction technology

Sequence will also participate in multiple industry events during the show, including:

- Sunday, 1pm, Room 130

CTO Jerry Frenkil at Si2 Workshop Presents "LPC Models for Low Power"

●Tuesday, 3pm, Booth 4359

CTO Jerry Frenkil Presents “Designing for Power”

“DAC is the glue that binds us,” said Vic Kulkarni, Sequence President and CEO. “It’s the only time we’re all together in one big room with the most brilliant minds in high tech, and I’m really looking forward to seeing all of our dear friends and customers in San Francisco.”

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Siemens PLM Software Launches Solid Edge with Synchronous Technology 2 in Korea

6 July 2009

Siemens PLM Software announced the official launch of Solid Edge® software with synchronous technology 2 in Korea.

This launch features the second version of Solid Edge to incorporate Siemens PLM Software’s [synchronous technology](#), the first history-free, feature-based modeling capability that serves as a fundamental tool in helping customers react to the market faster.

In conjunction with the launch, Siemens PLM Software will host a webcast for current and future customers on July 9, entitled *Innovation of Design – Achieve up to one hundred times faster design experience*. The webcast will highlight the new features of Solid Edge with synchronous technology 2 including more synchronous modeling capabilities in Part and Assembly Modeling, a synchronous based Sheet Metal Design Application, a new Solid Edge Simulation for FEA, and updating the Insight™ data management solution in Solid Edge to the latest SharePoint® platform. For more information on joining the webcast, please visit http://www.cadgraphics.co.kr/cngtv/bbs/prog_view.asp?p_idx=134.

Solid Edge is a core component of the [Velocity Series™](#) portfolio and combines the speed and flexibility of direct modeling with the precise control of dimension-driven design. The latest release extends synchronous technology deeper in the product with improved part and assembly modeling as well as a new sheet metal application. With this release, Siemens PLM Software also announces a new built-in FEA tool and PDM integration leveraging the latest Microsoft SharePoint platforms.

For more information on Solid Edge with synchronous technology, go to <http://siemens.pmhclients.com/index.php/solid-edge-launch> (available in Korean).

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Si2 Announces Member Demonstrations at the Design Automation Conference

10 July 2009

Seven companies/organizations will be demonstrating significant progress advancing design flow interoperability in the Silicon Integration Initiative (Si2) Booth #1400 at the Design Automation Conference on July 26-31, at the Moscone Convention Center in San Francisco, CA. These companies will be showing how Si2 standards such as OpenAccess, the Common Power Format (CPF), the Open Modeling Interface and new Design for Manufacturability techniques can provide innovative approaches to critical IC design flow issues. The Design for Manufacturability demos will feature the top four EDA companies, two large IDMs, two startups and one research consortium that represents 7 large Japanese companies and 3 Japanese Universities – all working together!

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AnaGlobe Technology: will demonstrate their OpenAccess-based integrated solution, customizable framework, supporting three scripting languages: TCL, Perl, and Python. Its second generation constraint-based OA Pcell Designer provides more powerful functions with a more friendly user interface which supports mixed use of TCL, Perl, and Python, and GUI.

Cadence Design Systems: will demonstrate solutions using several widely-deployed Si2 standards - OpenAccess, Common Power Format, and ECSM. Hear from experts how you can use these industry-leading solutions from Cadence to address your most challenging mixed-signal, low-power, or advanced-node design problems.

Design for Manufacturability Coalition: will show two demos in the Si2 booth, supported by 9 companies, including leading EDA vendors, large IDMs, startups and a research organization. These demos will show: (1) Cell Level Find and Fix Demo that analyzes and corrects the DFM hotspots inside of approximately 100 different standard Open Cells; (2) Block Level Find and Fix Demo that analyzes and corrects the DFM hotspots in the routing between Open Cells with a ~100K+ gates (50K instances) Block. These demos will detail the standards that are in development that were used such as: Standard DRC checking, Standard Litho checking, Generic Litho Models, and Hotspot Interface Format

Magma Design Automation: will provide an overview of the Talus® low-power design flow which provides the “Fastest Path to Silicon.”™ The Talus implementation system has enabled designers to meet the low-power specifications of some of the world’s most advanced handheld devices. With support for the Common Power Format (CPF) and a unified datamodel architecture, Talus allows designers to implement advanced low-power design techniques throughout the flow and to significantly reduce turnaround time.

Pyxis Technology: will demonstrate the power of OpenAccess Interoperability through a seamless integration of the NexusRoute-HPC router with the Laker Custom Layout Automation System from SpringSoft. The demonstration will highlight the ability of the router and editor to simultaneously work off the same OpenAccess in-memory runtime model, a first for the EDA industry! Pyxis will be demonstrating Monday through Wednesday each morning from 9:00AM to 12:00 at the Si2 booth.

Open Modeling Coalition: will demonstrate the Open Model Interface (OMI) integrated with a third party timer, IBM's EinsTimer. The OMI enables a consistent view and use of various models across applications, thus allowing tools in multi-vendor design flows to better correlate with each other. The interface leverages the Open Access API and data model and is extensible to allow for a variety of design models such as Liberty, ECSM and statistical ECSM among others. The Si2 booth demonstration will use the OMI to connect the EinsTimer timing application with timing models using Liberty, ECSM and IEEE 1481 DPCM formats, separately and within the same timing run.

The Coalition will also demonstrate a multi-vendor standard cell library characterization and validation flow. The library being characterized is the Nangate Open library available on the Si2 website at <http://www.si2.org/openeda.si2.org/projects/nangatelib/>. Examples of the steps in the characterization process by Nangate, Altos, and Fenix will be shown in the booth. Also being shown will be examples of characterization setup information that can be included in Liberty files and will lead to more standard characterization setups for any library characterization, validation, and model verification flow.

Synopsys: will demonstrate Galaxy Custom Designer: Built from the ground up on OpenAccess, Custom Designer was architected for productivity. This demonstration will show how our comprehensive solution addresses every step of the AMS IC implementation flow. Productivity innovations in the schematic editor, simulation and analysis environment and schematic driven layout

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applications will be highlighted throughout the demo. You will also see how Custom Designer's optimized integration with IC Compiler, HSPICE, CustomSim, WaveView Analyzer, Hercules DRC/LVS and Star-RCXT parasitic extraction provides a productive solution all on the industry's most open environment.

The Annual Si2 Member/Guest Meeting will be held on July 27 from 6-8:00 PM in the Moscone Convention Center, Room #220/222. You do not have to be a member to attend the meeting. All attendees should notify Si2 if they are coming by leaving a note at: <http://www.si2.org/?page=3>.

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Si2 to Host Design for Manufacturability Workshop

6 July 2009

The Silicon Integration Initiative (Si2) announced the Design for Manufacturability Workshop-DFM Challenges at Sub-45nm Design, at the Design Automation Conference (DAC) show to be held at the Moscone Convention Center in San Francisco, CA, from July 26-31, 2009. The workshop will be held on July 27, from 1PM – 3PM in Room 130 at the Moscone Convention Center. In consideration of today's economic conditions, Si2 is pleased to offer this workshop free of charge. Attendees can register at the DAC website: <http://www.dac.com/46th/onlinereg.html>

We have entered an era when the design, manufacturing and test of IP blocks and SoC's are being done by different companies. The subject of Design for Manufacturability is rushing to the forefront of the list of challenges to the Semiconductor and EDA industries. This workshop will address the current situation in the DFM arena and describe tangible and specific progress in a number of design areas targeted at 45nm and below. This workshop will present interface standards being developed between chip design and manufacturing flows as well as a clear lexicon that defines most, if not all, manufacturing technology parameters which have heretofore been loosely described and have been often confused among foundries, EDA vendors, and end customers. This includes establishing a clear DFM Terminology and the infrastructure roadmap for standard interfaces between design and manufacturing.

This workshop will showcase the tangible progress that is being made, and demonstrate how interested companies may adopt these results and participate in their continued evolution. As part of the workshop, selected vendors will present their products and techniques aimed at helping designers produce higher yielding integrated circuits and systems at advanced process nodes. Comparisons of restricted 2D layouts, prescriptive 1D layouts and methods for the integrated analysis and layout optimization will be presented for process nodes from 45nm down to 22nm. The construction methods, analysis views and the objective functions for multi-goal optimization will be presented by several companies who are enabling high volume production of circuits at 32nm and are now staking out plans for moving down to 22nm.

Speakers:

Jim Culp - IBM Corp.

Greg Hackney - Mentor Graphics Corp.

Qi De Qian - IC Scope Research

Mike Smayling - Tela Innovations

Vivek Singh - Intel Corp.

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Other Si2-sponsored events at DAC include the Low-Power Workshop on July 26, from 1PM-4:30PM and the Si2 Member/Guest Meeting on July 27, from 6PM-8PM. Both of these events are also free of charge and open to all.

Links to more specific agendas and registration information can be found here:

<http://www.si2.org/?page=11>

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Training Course on Steam Turbine Fundamentals by SoftInWay Is Already Available

6 July 2009

SoftInWay Inc. has released new educational program “Steam Turbine Fundamentals”. This 4-day course is aimed at helping engineers extend their knowledge of steam turbine essentials, enhance the procedure of turbine development and maintain their professional competence.

Along with free webinars on turbomachinery flow path design and interactive training for professional engineers, “Steam Turbine Fundamentals” testifies to expansion of SoftInWay’s educational series. The newly-launched course is dedicated to engineers who want to get a better insight into turbine fundamentals and make more sensible steps towards its design, as well as to beginner steam turbine designers seeking to fit their new roles.

The syllabus covers such topics as basics of steam turbine and its elements, flow path and tertiary components design. Starting from classification of steam turbine and the main stage parameters, the course moves to more complicated issues, enabling participants to perform all kinds of design and operation tasks. Each theoretical part is supported by subject-specific exercises to help attendees put the acquired knowledge into practice and learn it well.

The comprehensive program was prepared by SoftInWay professionals who have 30+ years of experience in creating steam turbines from 1 to 1000 MW and teaching turbomachinery design. As a result, the Steam Turbine course was successfully presented to the leading engineering companies and received very positive feedback.

“Steam Turbine Fundamentals is an extremely useful and educational course, a must for anyone working within the design and development of steam turbines, – says James Richmond, Principal Engineer (Steam Turbines), Dresser-Rand. – The 4 day course has a well thought out approach to the fundamentals of steam properties, turbine blade design and optimization, including many other aspects of complete machine design. The course material is clear and concise, and an excellence source for future reference.”

To know more about the Steam Turbine Fundamentals training course, please visit

<http://www.softinway.com>.

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Financial News

Aspen Technology Announces Selected Preliminary Financial Results for the Fourth Quarter and Fiscal Year 2009

9 July 2009

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Aspen Technology, Inc. announced selected preliminary financial results for the fourth quarter and fiscal year 2009, ended June 30, 2009.

Mark Fusco, Chief Executive Officer of AspenTech, said “From an overall perspective, we were pleased with the company’s performance during the fourth quarter. License bookings of approximately \$59 million were down on a year-over-year basis due primarily to the closing schedule on a single transaction moving to the first half of fiscal 2010. However, customer interest levels in our aspenONE solutions remained high, our overall close rates were solid and our average deal size of approximately \$745,000 for bookings of over \$100,000 was up both year-over-year and sequentially. In addition, we continued to focus on improving the company’s long-term financial profile.”

The company’s cash balance at June 30, 2009 was approximately \$122 million, compared to approximately \$127 million at the end of the third quarter of fiscal 2009. The company did not sell any installments receivable to raise cash during the fiscal 2009, while it reduced its total secured borrowings balance by approximately \$4 million during the fourth fiscal quarter and approximately \$39 million during the fiscal year.

New aspenONE subscription-based commercial model

AspenTech today announced a new subscription-based commercial model for its aspenONE suite of solutions. While the company previously offered customers access to specific sets of products on a term-token basis, the new commercial model will provide customers with flexible access to all engineering and manufacturing/supply chain solutions within the overall aspenONE suite. Each subscription-based license will also provide customers with bundled maintenance and access to new aspenONE products that are introduced over time.

Mark Fusco said, “For over two decades, AspenTech’s large base of customers has signed multi-year, annual payment contracts. Our new, subscription-based offering significantly enhances our value proposition as it provides customers with the flexibility and right to use any of our aspenONE solutions as their needs evolve. As a result, it will be even easier for customers to scale their usage and aspenONE footprint over time. We believe this offering will meet the needs of the largest global organizations in the process industries, in addition to improving our ability to serve our small and medium-sized customers.”

Fusco added, “In addition to providing significant benefits to our customers, the introduction of a subscription-based commercial model for aspenONE represents both an evolutionary and milestone event for the company. There is close alignment between our aspenONE solutions, go-to-market strategy and business model, which we believe will further strengthen our competitive position and long-term financial profile.”

Mark Sullivan, Chief Financial Officer of AspenTech, said “AspenTech has been establishing an increasingly subscription-based cash flow model. Our new aspenONE commercial model will also result in revenue being recognized on a subscription basis over the course of our multi-year contracts.”

Sullivan added, “This change from predominantly up-front revenue recognition is expected to result in the company reporting significantly lower revenue and large GAAP operating losses in the near-term. However, we expect revenue and profitability will catch up and exceed the results that would be generated by our traditional commercial model over the long-term. We also expect our newly introduced commercial model to favorably impact the company’s cash flow from both a short and long-term perspective. We believe this is the most important financial characteristic of the new commercial model as improved cash flow has a real, positive impact on a company’s economic position.”

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Webcast

As we previously announced, AspenTech will host a webcast today, July 9, 2009, in conjunction with the Investor Day being hosted at the company's headquarters. Presentations will begin at 8:00 a.m. Eastern Time with a review of the fourth quarter fiscal 2009 highlights, followed by a financial review and discussion of the company's new commercial model as well as sales and marketing strategies and initiatives. The Investor Day presentation is expected to last until approximately 12:30 p.m. Eastern Time. AspenTech executives presenting at the event will include Mark Fusco, President and Chief Executive Officer; Mark Sullivan, Chief Financial Officer; Antonio Pietri, Executive Vice President, Field Operations; Manolis Kotzabasakis, Senior Vice President, Sales and Strategy and Blair Wheeler, Senior Vice President, Marketing. The presentation will be webcast live and available on the Investor Relations section of the website at <http://www.aspentech.com>. The webcast will be archived on the company's website for 30 days.

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Dassault Systemes Schedules Second Quarter Results Webcast and Conference Call for July 30, 2009

10 July 2009

Dassault Systèmes (DS) will host a webcast and a conference call on Thursday, July 30, 2009, to discuss its operating performance for the second quarter ended June 30, 2009.

The management of Dassault Systèmes will host the webcast at 8:30 AM London Time - 9:30 AM Paris Time and will then also host the conference call at 9:00 AM New York Time - 2:00 PM London Time - 3:00 PM Paris Time.

Both the webcast and the conference call will be available via the Internet by accessing Dassault Systèmes' website at <http://www.3ds.com/company/finance/>.

Follow the directions on the main page to link to the audio.

Please go to the website at least fifteen minutes prior to the webcast or conference call to register, to download and install any necessary software. The webcast and conference call will be archived for 30 days.

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Infosys Technologies Announces Results for the Quarter Ended June 30, 2009

10 July 2009

- Q1 Revenues Declined by 2.9% Year on Year; Sequentially Grew by 0.1%

Highlights

Consolidated results for the quarter ended June 30, 2009

- Consolidated revenues are expected to be in the range of \$ 1,110 million and \$ 1,130 million; YoY decline of 8.7% to 7.1%
- Consolidated earnings per American Depositary Share are expected to be in the range of \$ 0.50 and \$ 0.51; YoY decline of 10.7% to 8.9%

Fiscal year ending March 31, 2010

CIMdata PLM Industry Summary

- Consolidated revenues are expected to be in the range of \$ 4.45 billion and \$ 4.52 billion; YoY decline of 4.6% to 3.1%
- Consolidated earnings per American Depositary Share are expected to be in the range of \$ 1.97 and \$ 2.00; YoY decline of 12.4% to 11.1%

"We believe that in the short term the global economic environment will continue to be challenging," said S. Gopalakrishnan, CEO and Managing Director. "We are working closely with our clients to help them navigate the downturn. We continue to invest in the future to take advantage of the growth opportunities in the medium to long term."

Business outlook

The company's outlook (consolidated) for the quarter ending September 30, 2009 and for the fiscal year ending March 31, 2010, under International Financial Reporting Standards (IFRS), is as follows:

Outlook under IFRS#

Quarter ending September 30, 2009

- Consolidated revenues are expected to be in the range of \$ 1,110 million and \$ 1,130 million; YoY decline of 8.7% to 7.1%
- Consolidated earnings per American Depositary Share are expected to be in the range of \$ 0.50 and \$ 0.51; YoY decline of 10.7% to 8.9%

Fiscal year ending March 31, 2010

- Consolidated revenues are expected to be in the range of \$ 4.45 billion and \$ 4.52 billion; YoY decline of 4.6% to 3.1%
- Consolidated earnings per American Depositary Share are expected to be in the range of \$ 1.97 and \$ 2.00; YoY decline of 12.4% to 11.1%

Exchange rates considered for major global currencies: AUD / USD - 0.81; GBP / USD - 1.66; Euro / USD - 1.41

Expansion of services and significant projects

[Infosys](#) continues to win transformational deals, solution-based engagements, and systems integration projects as clients seek a trusted partner in their journeys.

Clients are leveraging Infosys' industry expertise on projects directed at gaining a competitive advantage. A leading manufacturer and marketer of beauty care products, Alberto Culver Company, selected us to enhance its trade promotion effectiveness. We will deliver advanced category analytics services to help the company improve pricing, promotions and category management decisions. A developer and marketer of video games software and content is using our enterprise collaboration platform to ensure sustained community interaction and innovation management. We defined a collaboration platform strategy and roadmap for a high tech manufacturer, and the implementation is expected to result in significant cost savings and enhanced customer satisfaction. We are helping a high tech major, through our Supply Chain Visibility platform, to enable better KPI tracking, incident management, SLA compliance, and overall decision making. We are also helping the company to develop a repeatable and standardized approach for delivering services. A manufacturing major awarded us a deal to standardize its global processes as per contextual business needs. A premium food retailer, Waitrose, selected us as its partner for a multi-channel commerce transformation program. A transportation major engaged us to meet its strategic needs of global product development by integrating

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engineering and manufacturing data.

Infosys' consulting services is contributing to growth. A provider of workflow solutions sought our consulting services for a transformational project deploying a human capital management system that supports global and local processes in more than 25 countries. The client also engaged us to transform its end-to-end business processes to accelerate integration of acquisitions and speed up time-to-market for new products.

Market leaders across the world are benefiting from Infosys' engineering services, particularly its Product Lifecycle Management (PLM) expertise. A global manufacturer engaged us for PLM services, including roadmap definition and assessment. In addition, we are working with another global manufacturer to support its PLM program, and a global consumer packaged goods company to transform its PLM platform.

Infosys continues to strengthen its position in the banking and capital markets sector. A leading bank chose us to help it architect a future-state platform for client payment authorizations as well as conduct performance testing on one of its key online banking channels. Another leading bank selected us to provide functional consulting support for a Human Resources Management System (HRMS) rollout across 36 countries. Telstra, Australia's leading telecommunications and information services company, selected us as one of its key strategy partners to support its five-year AUD 450 million contracts for application development and maintenance.

We developed and delivered a global template to an agribusiness to establish a scalable enterprise computing platform. We implemented a forecasting and planning application at a large airline company which involved planning ground manpower resources to service airplanes. As a result, the company improved processing by more than 40 percent.

Learning Services' solutions have been acclaimed by our clients. During fiscal 2008, we had introduced 'Learning Services' that modernizes and integrates traditionally separate functions such as training, learning, e-learning, talent development, and knowledge management. During Q1 of this fiscal, a high tech manufacturer sought our expertise to create and execute a strategy to design change communication, and build content to help users adapt to new technologies in the social arena. In addition, Learning Services was awarded a project by a consumer electronics company to develop a technology architecture to support the induction of new customer service agents.

"The global currency markets continue to be volatile. During the quarter, the rupee appreciated against the US dollar," said V. Balakrishnan, Chief Financial Officer. "We continue to focus on margins while making the right investments to accelerate growth."

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Open Text to Report Fourth Quarter and Fiscal Year-End 2009 Financial Results on Thursday, August 20, 2009

10 July 2009

Open Text™ Corporation announced that financial results for its fourth quarter and fiscal year-end 2009 will be released on Thursday, August 20, 2009 at approximately 4:00 p.m. ET.

Teleconference Call

Open Text will host a conference call on August 20, 2009 at 5:00 p.m. ET to discuss its final financial

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results.

Date: Thursday, August 20, 2009
Time: 5:00 p.m. ET/2:00 p.m. PT
Length: 60 minutes
Where: 416-644-3415
800-733-7571 (Toll Free)

Please dial-in approximately 10 minutes before the teleconference is scheduled to begin. A replay of the call will be available beginning August 20, 2009 at 7:00 p.m. ET through 11:59 p.m. on September 3, 2009 and can be accessed by dialing 416-640-1917 and using passcode 21310608 followed by the number sign.

For more information or to listen to the call via Web cast, please use the following link:
<http://www.opentext.com/2/investors/ir-events.htm>.

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PTC to Announce Fiscal Q3 Results on Tuesday, July 28th and Host Conference Call on Wednesday, July 29th at 8:30 am ET

9 July 2009

PTC announced that it will release its fiscal 2009 third quarter results on Tuesday, July 28th after the stock market closes. Senior management will host a live webcast and conference call to review the results on Wednesday, July 29th at 8:30 am Eastern Time. The earnings press release and accompanying prepared remarks document and financial and operating statistics will be accessible prior to the conference call and webcast on the investor relations section Company's web site at <http://www.ptc.com>.

What: PTC Fiscal Q3 Conference Call and Webcast
When: Wednesday, July 29, 2009 at 8:30 a.m. Eastern Time
Dial-in: 1-888-566-8560 or 1-517-623-4768
Call Leader: Richard Harrison
Passcode: PTC
Webcast: <http://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 August 3, 2009 at 1-800-925-5415 or 1-402-530-8074. To access the replay via webcast, please visit <http://www.ptc.com/for/investors.htm>.

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Implementation Investments

ABstructures, Italy, Relies on HyperWorks in Developing Race-Winning Sailboat

7 July 2009

Altair Engineering, Inc. announced that its HyperWorks CAE platform has been used by ABstructures, an Italian structural design company, to structurally design and optimize the winning yacht in the Volvo Ocean Race, Ericsson 4. The yacht, skippered by Torben Grael, claimed victory in the Volvo Ocean Race on June 27 in St. Petersburg, Russia, after 8 months and more than 37,000 nautical miles sailed around the world under the harshest conditions.

The HyperWorks simulation suite also was used in the development of Ericsson 3 - first to be launched Ericsson Race Team boat, which came in fourth this year. ABstructures has extensively employed HyperWorks to design and optimize the carbon structures of both Ericsson yachts and has achieved fundamental structural improvements compared to the older-generation yachts that competed in the 2004 edition of the Volvo race. The combination of cutting-edge CAE technology and the extensive hands-on experience of ABstructures' designers has enabled the engineering company to deliver the best design for lightweight structural projects in all regions of the world.

"We have been using HyperWorks for a long time, in many projects - with ABstructures as well as within former work projects," said Dr. Andrea Avaldi, managing director, ABstructures. "I like the software suite because it enables us to handle most of the development tasks in structural design within one user interface and under the same license agreement. Thanks to HyperWorks, we could achieve a weight reduction of about 10 percent on all the structurally most important parts of this campaign's Ericsson yachts. This could not have been possible in the set time frame without the technology provided by Altair."

"We congratulate the Ericsson Race Team and ABstructures on their outstanding success and are happy to have had the opportunity to be part of such a remarkable project," said Dr. Michael Hoffmann, Altair vice president for EMEA. "[HyperWorks](#) is the best CAE suite that structural design companies like ABstructures can use. It provides the tools needed to drive an optimized design process; and, thanks to the unique licensing system that opens up a whole world of CAE tools, engineers only pay for what they use."

About ABstructures

ABstructures provides design solutions for lightweight structures, both in advanced composite materials and high performance metal alloys. ABstructures is a company that relies on more than a decade of experience of operating on the highest level in international yacht racing - from America's Cup to 'round-the-world yacht races, such as the Volvo Ocean Race. Additionally ABstructures is providing its services to the aerospace industry and to the development teams of racing cars. From project brief to concept development and product delivery, ABstructures follows the optimized lightweight approach all the way. For more information, please visit: <http://www.abstructures.com>

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Delcam Software Doubles Productivity at Turbine Manufacturer

9 July 2009

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Many companies have experienced a doubling of their productivity after changing to Delcam's CAD/CAM software. However, there are very few examples where that means going from producing an average of one item in a typical day up to completing two parts each day. That was the case at the Turboatom plant in the Ukraine, which produces turbines for power stations that can be up to 19 metres in diameter.

Turbines from the Turboatom plant have been supplied to 45 countries around the world. Equipment is provided for all types of power generation: steam, gas, hydraulic and even nuclear.

Delcam reseller Adequate Systems first met the engineers from Turboatom during a seminar organised by the Engineering Club in Kharkov. A presentation was given on the use of Delcam's PowerINSPECT inspection software with an inspection arm at this informal meeting for managers of local enterprises to see new technology.

A second demonstration was then carried out at the Turboatom plant. The engineers from the plant were looking to find a way to check the castings for the turbines, especially the blades, in the centre of the foundry, instead of having to move them to a specialised measuring area. The results from the castings could then be used to determine how much material needed to be machined away to create the finished part.

The demonstration was so successful that Turboatom decided not only to invest in PowerINSPECT but also to investigate adding the PowerSHAPE CAD software and the PowerMILL CAM system as well. The Chief Engineer of Turboatom, Grigory Ischenko, commented, "Before adding the Delcam software, we could only complete one blade each day. Now, we produce two blades, which, for us, is a big improvement."

"We are now looking into a number of other areas in our production where we are experiencing problems," added Mr. Ischenko. "With help from Adequate Systems and more Delcam software, we believe it will be possible to move up to four blades per day."

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Epson Deploys Product Data Management System to LCD Display Manufacturing Plant in China

26 May 2009

Seiko Epson Corporation (Epson, Note 1), Epson Imaging Device Corporation (Epson Imaging, Note 2), promoter of small to mid sized LCD display operations, Suzhou Epson Co., Ltd. (Suzhou Epson, Note 3), a China based manufacturing partner of Epson Imaging, and NEC Corporation (NEC, Note 4) announced that Epson has deployed a new product data management system to Suzhou Epson with support from NEC. Epson Imaging and Suzhou Epson began operating the new system in March 2009 as part of Epson Imaging's enhancement of production organization control in China.

The new system manages various engineering data, such as drawings and work process specifications, through well integrated and secure practices. Approximately 200 designers and engineers use the system in Japanese development sites and Chinese production sites. The new system employed NEC's PLM solution "Obbligato II" as the system's platform, which implements secure data management together with improved user convenience in just two months development time.

The system is the first to adopt new data loss prevention technology (Note 5), which is based on access control without using encryption technologies. The new system also ensures secure data management, data loss prevention and protects the technological advantages of products in the market. Furthermore,

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by sharing engineering data and collaborating between sites, it also enables agile responses to customer needs and expeditious distribution of engineering data to production sites.

New system features are as follows:

I. Ensures the technological advantages of products through secure data management The system inhibits user operations including the copying of data to removable media, such as USB memory, creating e-mail attachments, and taking screenshots, which often lead to data leakage. The access control setting can be defined in various formats by user or object. Furthermore, when printing documents, the system requires a user's name and a time-stamp to be printed as well. These secure data management functions prevent engineering data leakage and ensure the technological advantages of products in the market.

II. Conveniently access relevant data through a single source Previously, engineering data was communicated by using paper, e-mail and FAX, and each organization managed data separately. Under the new system, engineering data is managed by a single vault of Obbligato II, which allows users to access relevant data. Additionally, all engineering data changes are communicated correctly within the organization, such as between engineering and production divisions.

III. Short term system development using templates NEC holds a wide variety of PLM system development templates, which are based on advanced PLM system integration experience with approximately 500 customers in Japan, and contain a broad range of data models and parameters. Development of this system was quickly implemented in about two months through the application of templates and support from NEC in both Japan and China. Suzhou Epson is currently considering the implementation of a workflow system to improve operational efficiency through NEC Software Kyushu, Ltd.'s (Note 6) FlowLites workflow solution.

Epson will continue to develop highly valued products based on the company's original technologies and supported with the assurance of the new data management system. NEC released the enhanced data loss prevention function of Obbligato II R9.1 in January 2009, focusing primarily on the Chinese market and aiming to continue strengthening its localization and support.

Looking forward, NEC will continue to support business competitiveness through the promotion of advanced management and effective use of product data, in addition to the provision of sophisticated PLM solutions.

Note 1: President: Minoru Usui; HQ: Suwa, Nagano Pref.

Note 2: President: Shuzo Ariga; HQ: Tottori, Tottori Pref.

Note 3: President: Shigetoshi Yamada; HQ: Suzhou, China

Note 4: President: Kaoru Yano; HQ: Minato-ku, Tokyo

Note 5: Patent application previously submitted for the new method.

Note 6: President: Yoshikazu Koda; HQ: Fukuoka, Fukuoka Pref.

About NEC Corporation

NEC Corporation is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of a diversified global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by

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integrating its technical strengths in IT and Networks, and by providing advanced semiconductor solutions through NEC Electronics Corporation.

The NEC Group employs more than 150,000 people worldwide. For additional information, please visit the NEC website at: <http://www.nec.com>.

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Fujigiken Achieves Lean Product Development Objectives With PTC® Product Development System

7 July 2009

PTC announced that Fujigiken Inc., a leading Japanese automotive component manufacturer has been using [Pro/ENGINEER®](#) and [Windchill®](#), key components of the PTC® Product Development System, to help streamline its product development processes in support of its lean product development initiative.

Based in Mie Prefecture, Japan, Fujigiken has staked out a unique position in the automotive metal component manufacturing industry by providing its customers with technical support for precision automotive components and other products that must conform to strict advanced technology standards, leveraging its engineering and management capabilities to meet customer requirements for quality, cost-efficient products. Fujigiken adopted Pro/ENGINEER in 1996 to create a 3D engineering environment and transition to a full 3D CAD/CAM-based process. At the same time, it developed a methodology for using engineering and NC data for mold machining. Today, the company uses the Pro/ENGINEER 3D design system for engineering and geometry simulation all the way through NC data creation, centrally managing all data to provide engineers with comprehensive process support.

In 2007, Fujigiken deployed Pro/Coordinate Measuring Machines (Pro/CMM™) to automate its 3D measurement process. Pro/CMM, an optional module for Pro/ENGINEER, allows customers to automate their inspection processes by using Pro/ENGINEER design data to generate programs for coordinate measuring machines. Automated coordinate measuring eliminates the inconsistencies inherent with manual measurement, which relies heavily on operator skill and results in time-consuming dimensional adjustments. Pro/CMM and automatic inspection programs generated with the tool make it possible for Fujigiken to perform real-time measurements, improve machine use efficiency, reduce inspection cycles, and enhance measurement quality. As a result, the company was able to reduce the coordinate measuring cycle from 5 - 6 days to 1 day, an 80% improvement.

Fujigiken has been using Windchill to manage a variety of data and enhance process levels and efficiency, achievements that followed a comprehensive evaluation and review of its systems based on usability, maintainability and cost factors. During the first phase of its Windchill deployment, the Fujigiken team realized improvements in component and BOM management and reduced approval processes. As a next step, the team plans to leverage on improvements in project status management and multi-CAD data management to raise process efficiency.

"Our primary focus has been on building an organization capable of identifying market needs before anyone else does," said Shigeru Sato, Executive Managing Director, Fujigiken. "We've been successful in doing so, and able to cut costs while improving quality and reducing time-to-market. We believed PTC offered the best solution to support these initiatives, and plan to enhance our competitiveness by accelerating our engineering process and improving efficiency."

"Even though the automotive industry is facing an increasingly tough market environment, customers

like Fujigiken can benefit from adopting lean product development techniques at this difficult time by accelerating PTC's Windchill and Pro/ENGINEER deployment" said Sin Min Yap, director, product and market strategy, PTC. "PTC is committed to providing best-in-class, easy-to-use and scalable solutions that help customers to leverage their technology investment to gain competitive advantage."

Fujigiken works with Hitachi System and Services, LTD. a PTC channel partner, to deploy PTC solutions.

About Fujigiken Inc

Founded in 1988 as an automotive metal component manufacturer, Fujigiken considers itself a product development support company that helps customers with product development activities from the perspectives of modeling and manufacturing engineering. The company's engineering foundation, developed through accumulation of 3D CAD/CAM-based modeling techniques and two decades of experience, are the basis for its product development expertise. In 1999, Fujigiken set up a subsidiary, Fujigiken Kagoshima Inc., in Kagoshima, Japan.

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Fujitsu Microelectronics Solutions Adopts Cadence Verification Technology for Its Toughest Mixed-Signal Designs

7 July 2009

Cadence Design Systems, Inc. announced that Fujitsu Microelectronics Solutions Limited (FMSL) has adopted the Cadence® Virtuoso® Multi-Mode Simulation suite of verification software for its most difficult mixed-signal designs. FMSL used Virtuoso AMS Designer as part of the simulation solution to verify a large-scale mixed-signal SoC designed for the cellular phone industry.

"With Cadence simulation technology, we were able to verify this mixed-signal design at a depth and thoroughness that was simply unattainable with our previous verification methodology," said Hiroyuki Iwata, director, Analog ASIC Design Dept. of Fujitsu Microelectronics Solutions Limited. "We anticipate up to a 90 percent reduction in runtime for simulating our mixed-signal chips by using Virtuoso Multi-Mode Simulation products instead of prior tools. These enhanced capabilities are important to us in that they help ensure that we are offering the most highly reliable ICs."

FMSL deployed Virtuoso AMS Designer to effectively validate the many complex analog and digital interface functions such as power controllers for dynamic voltage and frequency scaling, and A/D and D/A converters for signal conversion. Virtuoso AMS Designer's comprehensive language support and mixed-signal interface modeling capabilities make it ideal for mixed-signal simulation of analog and mixed-signal SoCs, enabling designers and verification engineers to capture and verify the complex behavior among analog and digital blocks.

FMSL engineers were able to optimize their mixed-signal verification runs with Virtuoso AMS Designer by switching between Virtuoso UltraSim Full-Chip Simulator, a high-performance transistor-level FastSPICE circuit simulator, and Virtuoso Spectre® Circuit Simulator with "turbo" capabilities, which delivers fast, accurate, SPICE-level simulation for tough analog, RF and mixed-signal circuits depending on the performance and capacity required.

"FMSL has been working with incredibly advanced mixed-signal designs, and its design teams have benefited greatly by deploying newer Cadence technology -- Spectre with turbo capabilities -- alongside long-established solutions like Virtuoso AMS Designer and UltraSim," said Zhihong Liu, corporate vice

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president of research and development for circuit simulation and physical verification products at Cadence. "We look forward to working closely with FMSL in the future, continuing to develop and deliver the technologies and methodologies its engineers need to tackle whatever new design and verification challenges the future brings."

Information on Virtuoso AMS Designer and the Virtuoso Multi-Mode Simulation suite is available at http://www.cadence.com/products/cic/multimode_simulation/pages/default.aspx.

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Hayward Tyler, Inc. Selects SofTech's ProductCenter PLM Solution

8 July 2009

[SofTech, Inc.](#) announced that its ProductCenter™ PLM solution has been selected by Hayward Tyler, Inc. of Colchester, Vermont, a leading manufacturer of pumps and motors for the power, oil and gas industries.

As the enterprise solution to integrate Sales, Engineering and Manufacturing, ProductCenter will assist Hayward Tyler in overcoming several business challenges including the requirement for controlled access to all product and contract information to ensure regulatory compliance. Collaboration throughout the organization will be significantly improved by providing the field sales and engineering groups with global, 7x24 access to accelerate the exchange of information and facilitate timely resolution of product and contract related issues.

Additionally, ProductCenter will manage the Sales Quote to Product Order Process as well as the 3D CAD product designs. Automation of the Engineering Change and Drawing Release processes and enabling Engineering to manage the Bill of Material (BOM) will ultimately improve the efficiency of the release to manufacturing process and a downstream integration to Hayward Tyler's ERP solution will facilitate the exchange of information across the Enterprise.

"Hayward Tyler expects ProductCenter to make a tremendous impact on our data management practices as well as our business processes right out of the gate," states Chad Thelen, ProductCenter PLM Project Lead. "ProductCenter will facilitate secure access and sharing of product design and contract information throughout our organization and accelerate product development as well as our order quoting and processing efforts."

About Hayward Tyler

Established in 1815 in the UK, the Hayward Tyler Group manufactures a comprehensive range of Fluid Filled Electric Motors and Pumps, custom designed to meet the most demanding of applications and environments. Focused on the power generation (both conventional and nuclear) and oil & gas (sub-sea) markets, the company is a market leader in its chosen niches. In addition to the head office in Luton, England, Hayward Tyler has manufacturing and service facilities located in China, India and USA, providing cover 24x7 for maintenance, overhaul and repair services.

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Huf Hülsbeck & Fürst Selects IFS Applications to Consolidate Global Operations

3 July 2009

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IFS announced that Huf Hülsbeck & Fürst GmbH & Co. KG (Huf), a leading provider of mechanical and electronic components for car access, security, and immobilization for the automotive industry, will implement IFS Applications to consolidate and streamline its business processes worldwide. As part of the agreement, IFS will provide an integrated solution and additional consulting services with an expected total value of €4 million.

Huf selected IFS after carrying out a review of competitor solutions. The speed and ease of implementation of IFS Applications, the low total cost of ownership and the strategic partnership were key factors in Huf's decision to select IFS. With operations in 13 countries worldwide, the company recognized the need for an agile and flexible enterprise solution to consolidate its business operations across the globe.

"We were impressed with IFS' domain expertise and its understanding of our business which is crucial to the long-term relationship we are now embarking on. IFS demonstrated a strong commitment to helping us fulfill our business objectives both on a short term basis to show immediate impact and in the future," said Thomas Grabowski, Executive Vice President at Huf.

IFS will provide Huf with an integrated solution to provide greater business insight into a number of locations across the enterprise including its finance, engineering, sales, distribution, manufacturing, and HR departments. These capabilities will enable Huf to deliver an end-to-end management system that consolidates multiple disparate databases onto one central platform for all organizations within the Huf Group, which comprises 19 companies worldwide.

Once the solution has been developed and implemented users will be able to access and share a single, accurate, and up-to-the-minute view of information to facilitate effective decision making and improve operational efficiency and time to market speeds.

"The automotive industry is changing rapidly and companies must be able to react and respond quickly to these challenging market conditions. With IFS Applications we can provide our employees with easy access to accurate, critical business information throughout the enterprise to better manage costs and performance," commented Thomas Grabowski.

IFS AB President and CEO Alastair Sorbie said, "The automotive industry is under immense pressure and is operating under the toughest market conditions in decades. The businesses that take proactive steps to increase agility and drive cost and operational efficiencies will be better placed to succeed and grow as the market improves."

About Huf Hülsbeck & Fürst

Huf Hülsbeck & Fürst GmbH & Co. KG is a family-owned company with a turn-over of about 777 million Euros (2008). Established in 1908 in Velbert, Germany, the company today concentrates on developing and producing electronic and mechanical car access, security and immobilization systems to car manufacturers such as VW, Audi, Mercedes, BMW, Porsche, Peugeot, Citroën, Ford, GM and Hyundai/Kia. Huf employs about 5000 people in 16 locations in Europe, America and Asia, about 300 in the design engineering.

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Japan Aerospace Exploration Agency Adopts Cadence Virtuoso IC 6.1 and Spectre Simulator for Complex Analog and Mixed-Signal Designs

7 July 2009

CIMdata PLM Industry Summary

Cadence Design Systems Inc. announced that the Japan Aerospace Exploration Agency (JAXA) has adopted the Cadence® [Virtuoso® IC 6.1 custom design platform](#) and the Cadence [Virtuoso Spectre® Circuit Simulator](#). Building circuits that will be used in space exploration under extreme conditions without malfunctions requires the accurate modeling of multiple factors of disturbance, and then using those models to test the chip designs. JAXA determined that the Cadence Virtuoso technology is needed to develop such critical circuitry.

JAXA had been examining EDA products for its research and development department's designs, which include circuits that will be exposed to radiation in space that generates random noise and can result in circuitry malfunctions. To address these effects, engineers must consider parasitic elements of their designs. However, prior to Virtuoso IC 6.1 technology, JAXA had not found satisfactory results from their examination.

“It is critically important for JAXA to develop test LSIs to ensure that the devices will work in space,” said Satoshi Kuboyama, manager of Electronic Devices and Materials from Aerospace Research and Development Directorate, JAXA. “By using Virtuoso IC 6.1, we are able to predict behavior of circuits and verify many corner cases at one time, and development and experimentation time will be significantly reduced. This represents one big step forward in enabling space exploration.”

In addition to the Virtuoso technology's accuracy and reliability, ease of use and the ability to easily maintain and reuse IP, JAXA can take full advantage of tight integration between Virtuoso IC 6.1 and the Cadence Spectre® circuit simulator, which has the industry-wide reputation for accuracy. JAXA also adopted the Virtuoso Layout Suite XL for the necessary performance and accuracy to efficiently create design rule correct parts, minimizing overall design cycle time. The Layout Suite supports custom digital, mixed-signal and analog designs at the device, cell, and block levels. Its advanced features include automation to accelerate custom block authoring, as well as Cadence space-based routing technology that automatically enforces 65/45-nanometer process and design rules during interactive and automatic routing. In addition to delivering ICs, JAXA helps train and foster students, researchers and engineers who will bear the challenges in the field of the future aerospace technologies.

“Cadence has long been recognized as the preferred partner for analog and mixed-signal design in the Japanese electronics market,” said Ryoichi Kawashima, president of Cadence Japan. “Our work with JAXA clearly illustrates how our leading custom design technologies are being used to design the chips of tomorrow, including those that will be used in the most extreme conditions imaginable.”

Cadence Virtuoso IC 6.1 is a proven solution for custom IC design, and the Spectre circuit simulator remains the cornerstone of the Cadence Multi-Mode Simulation offering.

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Mining Prospects Enhanced with ANSYS Engineering Simulation

7 July 2009

[ANSYS, Inc.](#) announced that its software is being used in the mining industry to develop precise-delay timing for blasting. Orica USA, a division of the world's leading supplier of commercial explosives — Orica Limited — is studying the effects of multiple blastholes on rock fracturing and fragmentation to further its ability to provide advanced Blast-Based Services™ to industry. The effort is shedding light on the complex physics set in motion in the rock blasting process, and the results will be used to improve overall processes — including blast control along with time and cost savings.

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Like other industries, mining markets are demanding low-cost products and processes that result in optimal performance and minimal environmental impact. “Because it is more economical to move rock with explosives, the mining industry prefers to move as much through blasting and as little through loading and trucking as possible,” said Dale Preece of the Global Technology Group at Orica USA. “Orica is about industry solutions, about developing integrated approaches to blasting that, less than a decade ago, would have been inconceivable. Our overarching goal is to harvest more materials from fewer well-planned blasts. What we’re currently simulating with explicit dynamics software from ANSYS is precise-delay timing and how resulting forces due to the effects of shock waves, stress waves and the effect of velocity gradients can be leveraged to produce optimal fragmentation.” These capabilities are a critical component of Orica’s Blast Based Services, which is changing the market approach to explosives by allowing the industry to purchase mine-specific solutions tailored for the client’s unique operational and commercial challenges.

Whether applied to mining coal, gold, copper, uranium, nickel or bauxite, precision-delay timing involves multiple blasts that are specifically sited and sequenced. The wrong placement/timing combination can result in muck piles that are difficult for a front loader to efficiently excavate, excessive machine wear, environmentally adverse effects, or an unsafe explosion creating excessive air-blast levels and flyrock.

A blasthole produces stress waves. Multiple blastholes cause these to collide and interact — thereby magnifying, diminishing or canceling out their effects. The physics involved are complex and dependent on the time between detonations. For example, colliding stress waves can become reinforced and reflected, producing significant damage, or stress waves can become depleted in strength due to other more powerful waves. The Orica simulation study used explicit dynamics software from ANSYS to show that blast-induced fracturing and damage lag significantly behind the initial blast’s stress wave, with the most effective delay time occurring when crack propagation and damage are maximized before a subsequent detonation occurs, a span of tens of milliseconds, depending on the rock and blast pattern. “Precise-delay timing enables detonation of adjacent blast holes with the ‘right’ delay time, not simply a guesstimate,” Preece added.

Orica has pioneered the development and implementation of new mining technology for more than a century. The company’s recent engineering simulation efforts are especially timely since rising energy prices have driven up the cost of natural gas, which when converted into ammonia is used to produce a key ingredient in explosives. Orica’s Blast Based Services seek to maximize the performance and efficiency of the blasting process.

“Mining activities remain a time- and cost-intensive business, so accurate planning is critical. Such pioneering work from Orica has the opportunity to advance the entire mining industry — helping engineers to understand the physics that go on in an explosion, which is not visible to the human eye,” said Dipankar Choudhury, vice president, product strategy and planning at ANSYS, Inc. “Technology from ANSYS enables engineers to go beyond physical constraints and perform simulated tests that would otherwise not be possible. This is so important to exploring and expanding operational boundaries in developing leading-edge products and processes.”

About Orica USA

Orica is the world’s largest supplier of commercial explosives. Orica is continually working with customers to provide a tailored service to meet the changing needs for the global mining industry. Orica offers commercial explosives, Electronic Blasting Systems and Blast Based Services™ to many industries including open cut coal, open cut metal, underground mining, quarrying and construction

industries.

Operating globally, Orica has regional offices in Australia, Asia, Europe, the Middle East, Africa, Latin America and North America. Orica USA, together with Orica Canada, provides service from more than 50 locations throughout North America.

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Same Game, Better Ice Rinks with Sport Systems Unlimited and SolidWorks Software

7 July 2009

Hockey is more than 125 years old. And while it's still a game of sticks, pucks, and bloody noses, today's state-of-the-art rink is a lot more than ice, wood, and chicken-wire fence. [Sport Systems Unlimited](#) of Ontario, Canada, is proving that every day by using [SolidWorks® CAD software](#) to drive robotic production of rink board systems that look better, last longer, and are easier to maintain.

SolidWorks, at the heart of a recent lean manufacturing transformation at Sport Systems, automatically generates robotics and CNC code from 3D solid models. The new manufacturing approach has slashed production time of custom rinks at one of Canada's fastest-growing companies from approximately 1,200 staff-hours per rink in 2006 to 450 staff-hours in 2009.

“We can now produce more hockey board systems more efficiently with the same amount of staff and virtually no overtime, all of which has set us apart in the industry,” said David Staines, Sport Systems director of sales and marketing. “When we have the raw material in stock, we can deliver a rink in three days. Lean manufacturing, robotics, and SolidWorks have also allowed us to branch out into new markets like indoor soccer, one of North America's fastest-growing sports, and even pharmaceuticals, where partitions prevent cross-contamination of drug batches. Efficiencies realized from our new manufacturing program also positioned us for a merger that allowed us to become a preferred rink equipment supplier to the NHL.”

Sport Systems has distinguished itself among architects, builders, and rink managers with product advantages in both aesthetics and usage. Sports Systems hockey boards are made of mechanically fastened anodized aluminum frames, high-density polyethylene puckboard, tempered safety glass, and stainless steel hardware. This contributes to a highly polished, rust-free appearance using the same materials as retail storefronts. It contributes to a comfortable, family-friendly atmosphere.

“Switching to SolidWorks software was a critical move in our manufacturing transformation,” said Chris Henhoeffler, Sport System's project manager and design coordinator. “Prior to embracing SolidWorks and 3D, the knowledge for producing a set of boards was in shop floor drawing templates and with manufacturing employees, requiring arduous fabrication steps and intensive training. Now the knowledge is inside the engineering office. SolidWorks software streams data out to robots and CNC machines via its Visual Basic for Applications interface. Line workers simply set up raw stock, punch in the SolidWorks part code, and watch the panel, part, or aluminum member be machined in a fraction of the previous time.”

Sport Systems uses [DriveWorks®](#) knowledge-based engineering software, a [Certified SolidWorks Gold Partner Product](#), with SolidWorks for configuring customized board sizes for the job. The company relies on authorized SolidWorks reseller [Javelin Technologies](#) for ongoing software training, implementation, and support.

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Solar Century to Drive Development of Sustainable Energy with DS ENOVIA SmarTeam

10 July 2009

Dassault Systèmes (DS) announced that UK environmental energy system design and engineering firm Solar Century successfully implemented out-of-the-box ENOVIA SmarTeam Engineering Express and Design Express for SolidWorks in just two months. Saving time and money, this PLM solution will enable Solar Century to synchronize, analyse and deliver information within and beyond the enterprise.

Solar Century is designing, installing and maintaining tailor-made solar systems for homes, offices, commercial and agricultural buildings. Promoting the uptake of renewable technologies, Solar Century is experiencing rapid business expansion with consequent increased demands on its own infrastructure. As one of the leading providers of solar photovoltaic solutions, Solar Century needed to measure and report project progress in relation to business expectations more efficiently, and make decisions based on reliable information. After benchmarking several solutions, Solar Century chose ENOVIA SmarTeam Engineering Express.

Engineering Express, preconfigured and simple to implement, provides a full PLM solution for mid-sized companies. Solar Century faced the challenge to integrate the management of product and process data, including change orders (workflows), documentation, bills-of-materials, quotations, material specifications, as well as immersive management of SolidWorks models from the CAD application. Because it is based on standard MS apps, Engineering Express could be quickly adapted to these needs and is easy to maintain. Solar Century also appreciated that the time for implementation and the financial investment were smaller than those required by traditional PLM applications.

Engineering Express also facilitates the concurrent collaboration between Solar Century and its strong network of partners, increasing productivity by eliminating the need to complete one part of a project before another can be initiated.

“Like many growing companies, Solar Century was running a range of diverse business management software which was not effectively connected. This led to some operational inefficiencies which needed to be addressed,” said Mat Burgess, Solar Century’s development manager. “By partnering with UK Dassault Systèmes VAR Design Rule, we introduced the flexible ENOVIA SmarTeam-based methodology that provides the tools to efficiently manage all future business expectations.” As their business activities extend, Solar Century modifies and expands the solution accordingly, in a gradual and phased manner.

Design Rule Managing Director Bob Hiller commented, “Inevitably, companies that quickly grow from a small base have the same issues to deal with as larger companies and many outgrow their IT infrastructure even before it has delivered any real business benefits. To deal with Solar Century’s plans, an ENOVIA SmarTeam solution that matches the business’ current and future requirements has been deployed in less than two months.”

“In today’s challenging economic conditions, more and more forward-thinking mid-sized companies recognize the need for tools that will let them adapt their products from both the top and bottom lines, not only by reducing production costs but also by adding innovation,” remarks Alex Zeltcer, VP ENOVIA Value Channel, Dassault Systèmes. “ENOVIA SmarTeam Engineering Express was designed specifically for these companies, and meets their budgets, schedules and most importantly, their objective to produce excellent products.” Moreover, Solar Century’s selection of ENOVIA SmarTeam

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demonstrates the viability and potential of PLM for mid-sized companies in growth industries.

A live e-Seminar entitled “Achieving Powerful Gains with Dassault Systèmes PLM, featuring Solar Century” will be delivered by Mat Burgess, Solar Century Development Manager on Wednesday 15 July, 11 am ET. To register, click on <http://www.plmv5.com/enoviaeseminar/?ref=exeem3dstfg062909>

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STARC Integrates Cadence Encounter Solution for Complex, Large-Scale Designs

8 July 2009

[Cadence Design Systems, Inc.](#) announced that the Japanese electronic design consortium STARC is implementing a Cadence® flow for semiconductor designs larger than 20 million gates. The new STARCAD-CEL V3.0 methodology for large-scale design was defined by the consortium to describe a comprehensive, RTL-to-GDSII design methodology for quickly designing semiconductor systems of this size. After extensive evaluation, the Cadence Encounter® platform and methodology met all necessary STARC requirements.

“The intent of the STARCAD-CEL V3.0 design flow is to qualify for STARC member companies the most comprehensive and efficient flow for large scale designs,” said Nobuyuki Nishiguchi, vice president and general manager, Development Department 1 at STARC. “Cadence was able to complete the entire end-to-end solution with the turnaround time and memory footprint results that met and exceeded our criteria.”

Included in the STARCAD-CEL V3.0 flow are technologies for RTL-to-GDSII digital implementation, low power design, and design for manufacturing supported by Cadence solutions.

Key Cadence technologies within the flow are the Cadence Encounter Digital Implementation System, which provides a scalable multiprocessing backplane necessary to enable a faster turnaround time as well as a full suite of capabilities for low power and advanced node; Cadence Encounter Conformal® ECO Designer, which enables significantly faster design changes without manual effort and reduces the risk of missing critical bugs; and, Cadence Encounter RTL Compiler, which enables large-scale top-down synthesis with superior quality of results and run-time acceleration for designs of up to 40 million gates. Cadence Encounter Timing System and QRC Extraction are also evaluated and integrated in the STARCAD-CEL V3.0 flow.

“Over the course of this year, Cadence engineers have consistently delivered highly integrated design flows and methodologies that are now the backbone of IC design projects the world over,” said Dr. Chi-Ping Hsu, senior vice president of digital implementation research and development at Cadence. “This declaration by STARC is clear evidence that in a sea of competing offerings, Cadence is able to deliver a complete end-to-end solution and methodology with the turnaround time and memory integration necessary for large scale, complex designs.”

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STARC Integrates Litho-Aware 45nm Design Flow using Cadence Encounter Digital Implementation System

8 July 2009

[Cadence Design Systems, Inc.](#) announced the Japanese semiconductor research consortium STARC

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(Semiconductor Technology Academic Research Center), has integrated the Cadence® Encounter® Digital Implementation System, with its integrated DFM technologies, as its DFM flow targeting 45 nanometer designs and below. The comprehensive DFM suite integrates Cadence Litho Physical Analyzer (LPA), Cadence Litho Electrical Analyzer (LEA), and Cadence CMP Predictor into the designer's cockpit. Using the Cadence enabled STARCAD-CEL V3.0 Ref Flow, designers gain ready access to process-accurate manufacturing information early in the physical design flow, where engineers can leverage the seamless integration in digital implementation to identify, analyze and correct yield-limiting hotspots for their advanced-node designs. In addition, with Litho Electrical Analyzer, designers can analyze the litho impact on transistor performance and make necessary design trade-offs to meet their design criteria.

“The new STARCAD-CEL V3.0 Reference Flow addresses critical design-for-manufacturing concerns for 65nm, 45 nanometers and advanced process technologies,” said Nobuyuki Nishiguchi, Vice President and General Manager, Development Department 1 at STARC. “Cadence Encounter Digital Implementation System with Litho Physical Analyzer provided very accurate litho hotspot detection and correction and one hundred percent correction of the catastrophic or yield limiting defects in our test design, while also providing a faster turnaround time.”

The Cadence Litho Physical Analyzer harnesses the strength of multi-CPU parallel processing capabilities, along with proprietary, foundational algorithms delivering linear performance scalability and faster turnaround time as reported by STARC. Along with multiple advances in technology process modeling and integration with the Cadence Virtuoso® Custom IC and Encounter Digital Implementation Platforms, Cadence provides a complete “correct-by-design” digital implementation solution for cell/block to full-chip.

“The semiconductor industry and ecosystem recognizes Cadence DFM technologies as essential to advanced design methodologies today,” said Dr. Chi-Ping Hsu, senior vice president of digital implementation research and development at Cadence. “It's the difference between identifying potential DFM issues during the design phase and fixing them right there in the system, versus discovering yield limiting defects during the manufacturing process, when it is too late. We are proud to be working closely with STARC to prove the advantages of our DFM technology and digital implementation solution for their 45 nanometer reference design flow.”

Semiconductor companies worldwide are now requiring DFM analysis during the design phase, and the majority of the top 20 semiconductor companies have now adopted Cadence's DFM solutions to meet their accuracy, performance and yield goals.

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Product News

AspenTech Continues aspenONE® V7 Rollout with Introduction of Manufacturing & Supply Chain

7 July 2009

Aspen Technology, Inc. introduced aspenONE V7 Manufacturing & Supply Chain (MSC). Innovations in the latest software release enable process industry companies to achieve higher profit margins by reducing operational costs, improving agility, and doing more with less.

Manufacturing innovations in aspenONE V7 MSC extend the operational benefits of advanced process

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control and performance management to more processes in the plant, and to more process industry markets -- which before now was cost prohibitive.

Guided workflows enable engineers to build, test, and deploy multiple control applications faster, accelerating operational stability and performance benefits.

aspenONE V7 MSC extends AspenTech's integrated refinery planning and scheduling solution to the entire petroleum supply chain. This allows integrated oil companies to optimize decisions and visualize their impact across the petroleum supply chain.

Refinery planners and schedulers, distribution schedulers and traders can collaborate more effectively and answer complex questions faster, to keep pace of rapidly changing market conditions. With aspenONE V7 MSC, customers are better able to increase margins while safely optimizing throughput and maximizing customer service.

The MSC release also includes aspenONE V7's IT innovations that make it easier for customers to achieve value from their software investment. The release includes a flexible token-based licensing model, allowing customers to use the software they need when and where they need it; the Aspen Licensing Center, making it easier to identify and replicate software usage best practices across the global enterprise; and support for leading virtualization technologies from Microsoft, VMware and Citrix, dramatically reducing software deployment time from months to weeks.

aspenONE V7 Manufacturing & Supply Chain software is available immediately. For more information on the entire aspenONE V7 product line, visit <http://www.aspentech.com/V7>.

Supporting Quotes

Mark Fusco, President & CEO, AspenTech

"To be profitable in today's economy, companies need to make better decisions faster in response to rapidly shifting market dynamics. At the same time, they need to reduce costs while maximizing the efficiency of their overall operations. AspenTech exists to solve these problems for process industry companies. aspenONE V7 MSC makes it easier for our customers to navigate through uncertain times while taking advantage of opportunities with more agile and efficient operations."

Phil Koenig, Manager of Engineering & Analytical Services, Marathon Oil Company

"One of the key challenges when integrating the supply chain is to ensure that the individual organizations – for example Refining, Supply, or Marketing – feel that the decisions being made accurately reflect the impacts or costs on their organizations. Using aspenONE V7 we will be able to combine high-fidelity organizational models, allowing us to accurately determine the incentives, costs, and impacts of supply chain decisions, such as maximizing the value of specific crudes by optimally distributing them across multiple refineries."

R. Amari, Senior Vice President of Supply, ENI S.p.A.

"In today's highly volatile markets, we are deploying an integrated petroleum supply chain solution. It provides real time visibility along with the solutions necessary to react with increased speed, in an effort to drive down costs for our company and our customers."

Dr. Kai Dadhe, Evonik Degussa GmbH

"Previously, the performance and stability benefits we received from APC were confined to only certain processes. The new aspenONE V7 Advanced Process Control platform provides a cost-effective way to

implement process control on smaller units and extend those operational benefits throughout our organization.”

Dr. Wilfried Kossmann, Bayern Oil (a joint venture including BP)

“aspenONE V7 is making it easier to keep controllers online and maintain the benefits of advanced process control over time. The new KPI reporting capability with diagnostics provides a key insight into how controllers are behaving and whether or not any remediation may be required. Bayern Oil is also very excited about AspenTech’s Adaptive Modeling capability. Being able to identify model deterioration, diagnose what the problem is and then re-model the process all within an online framework is a major step forward in performance capability.”

Francois Toutain, Arkema

“To be able to do either a DMCplus, an Apollo or a State Space controller in the same software platform is quite amazing. Compared with the previous generation of advanced process control, V7 MSC is friendly, easier, and more efficient to use.”

Supporting Resources

[Link to more information about aspenONE V7 MSC](#)

[Link to aspenONE V7 industry testimonials](#)

[Link to aspenONE V7 MSC images](#)



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ecVision Releases Improved Sourcing Module in XpressCommerce 9.1

8 July 2009

ecVision announced the general availability of an enhanced version of XpressCommerce®. The enhancements in XpressCommerce version 9.1 include greater functionality in the Source module, primarily used by sourcing teams, buyers, technical designers, suppliers, overseas buying offices and agents.

XpressCommerce is a modular, configurable, web-based solution for private label owners and manufacturers to facilitate better relationships with trading partners through standardized documents and process flow from product development to receipt. The functionality in the Source module includes:

- Online costing requests to collaboratively manage costing between sourcing and suppliers
- Multi-level template functionality to define costing data elements
- Visibility and history into detailed component costs
- Configurable estimated landed cost (ELC) calculation tool
- Side-by-side cost comparison capabilities to evaluate quotes across multiple costing scenarios or suppliers
- Ability to track changes on costing negotiations
- Automated SKU-level sample request and sample management tools

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-- Supports sampling for design, material, finished goods, and sales samples

"The functionality in this release provides the tools for retailers to improve the collaboration and visibility across the disparate supplier base during the important phase of product costing and sampling," said Cheryl Layne, VP of Products and Solutions for ecVision. "Armed with the information that aids in making important seasonal production line and supplier selection decisions, brand owners can expect to increase margins through lower production and shipment costs."

Apparel, footwear, and soft goods retailers sourcing private label product globally have found that the extensive coordination calls for software technology that enables strong supplier collaboration. Functionality to handle product development, costing tasks and sample management tasks needs to integrate with tools that provide global calendar management and exception-based reporting to efficiently control the supply network. Spanning both PLM and supply chain execution tasks in a single product, XpressCommerce helps minimize risk, lower supply chain costs, improve speed to market and profitability.

To learn more about ecVision's solutions, visit <http://www.ecvision.com>.

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ESI Group Announces the Release of PAM-DIEMAKER for CATIA V5 – Version 2009

6 July 2009

[ESI Group](#) announced the new release of [PAM-DIEMAKER for CATIA V5](#), seamlessly integrated workbench providing a trade-oriented solution for rapid stamping tool design.

[PAM-DIEMAKER for CATIA V5](#) version 2009 allows users to evaluate the part's formability thanks to its rapid and iterative parametric approach. It generates a realistic simulation model and a unique high quality surface model, thus efficiently supporting the die design process from early feasibility to machining.

The solution takes full benefit of the seamless integration of advanced simulation algorithms within CATIA V5, allowing a rapid surface design, in particular the binder surface and the die addendum starting from the part, based on parametric generative modeling. *"It reinforces the collaborative engineering approach within the continuous improvement process,"* declared **Mark Vrolijk**, Diemaker Product Manager at ESI Group. *"The solution combines the benefits from rapid surfacing techniques with the accuracy, precision of surface quality and efficiency of CATIA's data management. As a consequence, version 2009 ensures a consistent, safe and traceable geometric dataflow from the part's CAD model to the PAM-STAMP 2G physics-based simulation environment. This software is distributed and supported by ESI and Dassault Systèmes PLM Market Place network".*

"For SEAT's Prototype Center of Development (CPD), the release of tools integrated into CATIA V5 such as PAM-DIEMAKER for CATIA V5, allows a rapid and accurate development of die design," declared **Javier Diaz Martinez**, Manager of the Prototype Center of Development (CPD) at SEAT S.A. *"It is very valuable to be able to perform the appropriate geometrical changes and to have these evolutions simultaneously available for machining within CATIA. This represents a tremendous advantage in terms of productivity as well as for the final quality of our design, giving us the opportunity to perform our work in a common environment during all process phases."*

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[PAM-DIEMAKER for CATIA V5](#) version 2009 is an update of the first industrial version developed in 2008. A number of new key features and improvements have been introduced to improve user-friendliness and automatic update of the model during design iteration. These can be found and are documented at: <http://www.esi-group.com/products/metal-forming/catia-v5/benefits>

About SEAT

SEAT's Prototype Center of Development (CPD), situated in the manufacturing plant of the Spanish company in Martorell (Barcelona) is considered one of the most innovative in the Spanish industry and is emblematic within the Volkswagen Group. It gathers in a single location all activities linked to the development of prototypes for virtual and physical phases, from pre-serial vehicles to serial analyses. For further information, visit www.seat.com.



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Improved Machining Practices and Greater Automation – Edgecam 2009 R2 launches from Planit Software Limited Collaboration

3 July 2009

Developed to build on the productivity enhancing features introduced with its previous revision, the latest release of Planit Software Limited's Edgecam computer aided manufacturing (CAM) software, Edgecam 2009 R2, offers even more.

Featuring significant enhancements to all aspects of the product, R2 will enable users to be even more productive with the introduction of time saving and safer machining features.

For the efficient programming of turning, milling and mill-turning machine tools Edgecam's Operations provide significant benefits. Based on the most useful and common options of the underlying cycles, they enable both new and current users to quickly generate high quality toolpaths. Edgecam 2009 R2 adds new Operations for rough and finish turning, as well as for 5-axis applications.

Also in turning, the "Rest Roughing" option has been enhanced to remove material more effectively. For more advanced turning centres, the Safe Turret Parking options ensure the machining process is executed safely, avoiding costly collisions.

Axis over travel is a common issue for head/table mill-turn centres. Chief Technical Officer, Russell Franks, says: "In this release we have introduced 'Safe Zone' options to ensure that approach moves do not over travel the axis limits and the tool can approach the part safely after an index move, making all approach moves much safer."

The Automatic Feature Finder within Edgecam Solid Machinist has been enhanced to detect every 'hole' feature contained in a model in a single command. This is complemented by the new option to automatically remove duplicate features and place them in the Feature Bin. In turning, features can now be copied or moved between the main and sub-spindles easily to save time.

The introduction of Flat Face Features makes it quicker to machine and automate the machining of flats with the facemill, flatlands and roughing options. The new features are associative to the model and can be used in Edgecam Strategy Manager.

An improved user interface is just one of many enhancements to Edgecam Strategy Manager, an automation tool that captures the best machining practices and re-uses them on future projects. A new 'Run-Only' license introduces a cost-effective method for Edgecam users to view and run processes

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without the ability to edit them.

The introduction of ‘In-Process’ stock for milling and mill-turn machines produces an intermediate stock model as the machining sequences are executed, enabling an accurate representation of the remaining stock to be used for subsequent operations.

Edgecam 2009 R2 has been comprehensively endorsed by Autodesk, gaining full certification for use with Inventor 2010.

Customer feedback is critical to the development process, and in addition to many new features, Edgecam 2009 R2 includes many minor enhancements requested by Edgecam users.

“Achieving the balance between new features, and satisfying the minor enhancements requested by our Edgecam users is always a challenge, but in this release we feel we’ve achieved that. I’m confident new and existing users will enjoy greater productivity from Edgecam 2009 R2,” comments Russell Franks.

Edgecam, a market leading computer aided manufacturing (CAM) system for NC part programming, offers a complete solution for milling, turning and mill-turn programming with unparalleled ease of use and sophisticated toolpath generation. Edgecam is a principal brand of the Planit group – recently ranked by CIMdata as the world’s fastest growing CAM vendor, with most industrial users. For further information visit: <http://www.edgecam.com>.

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Kalypso Launches Rapid Deployment PLM Solution for Food and Beverage Industry

7 July 2009

[Kalypso](#) announces the launch of [PLM Vivo](#), a new pre-configured product lifecycle management (PLM) solution designed for the food and beverage industry. PLM Vivo enables companies to reduce the time, investment, and effort to deploy PLM by up to 66 percent.

PLM Vivo is built on [Oracle’s Agile PLM for Process](#) application, which manages all aspects of innovation, from product and portfolio management, to management of specifications, suppliers, formulations and bills of materials, packaging and labeling, compliance, and quality. PLM Vivo comes configured with Kalypso templates, workflows, core data, and profiles specific to the food and beverage industry that are based on best-in-class implementation practices. The pre-configured PLM Vivo solution not only reduces setup time, it also provides a straightforward path for legacy data migration, enables rapid business process documentation, and facilitates swift user adoption.

Traditionally, PLM implementations cost more than \$750,000 and require anywhere from 22 to 35 weeks to deploy. By comparison, the average cost of a PLM Vivo implementation is \$250,000, and a company can go live with the first product line in as little as 13 weeks. The reduced demands on time and resources made possible by PLM Vivo open the door for mid-size food and beverage companies to gain the same PLM advantages already being realized by Global 1000 corporations.

“As food and beverage companies face greater potential liabilities with non-compliant products, increased time-to-market pressures, and growing product complexity, PLM technology is no longer a luxury, but a necessity,” said George Young, a founding partner and consumer goods industry practice lead at Kalypso. “PLM Vivo is a cost-effective alternative to a traditional PLM implementation, helping to lift price barriers for small to mid-sized companies and provide a low-risk, low-cost option to jumpstart their PLM journey.”

PLM Vivo Helps Ensure Consumer Safety and Regulatory Compliance

PLM Vivo is designed to address two of the most pressing issues that food and beverage companies face today: product safety and regulatory compliance. Highly publicized product recalls have caused significant damage to brand reputation and cost food and beverage companies millions of dollars. PLM Vivo enables product and supplier traceability to quickly isolate potential ingredient issues and comply with government regulatory and reporting requirements more rapidly. As a result, companies using PLM Vivo can optimize efficiency and minimize costs while better guaranteeing consumer safety, brand protection, and consumer confidence.

“Kalypso's PLM Vivo rapid deployment offering for Oracle PLM is a strong proof-point to the value of the Oracle Market Maker program, which is designed to bring joint focus and resources to executive sponsored Partner solutions,” said Kevin Kennedy, group vice president for Agile PLM Sales at Oracle. “With the combination of Kalypso’s pre-configured PLM Vivo solution for the food and beverage industry on top of Oracle’s PLM for Process solutions, food and beverage customers can benefit by being able to get products to market faster and more efficiently while assuring adherence to ever increasing compliance standards.”

Kalypso is an Oracle PartnerNetwork Certified Partner and an implementation partner of the Oracle PLM for Process solution with a track record of successful implementations at both large and small consumer goods companies.

For more information about PLM Vivo, visit <http://kalypso.com/capabilities/services/plm-vivo>.

About Kalypso

Kalypso, a consulting firm, offers clients full service capabilities including Business and Innovation Strategy, Front End of Innovation, Portfolio and Pipeline Management, Development and New Product Introduction, Value Management, PLM Technology, Leadership and Learning, and Intellectual Property Services.

About the Oracle PartnerNetwork

[Oracle PartnerNetwork](#) is a global business network of more than 20,000 companies who deliver software solutions based on Oracle software. Through access to Oracle’s premier products, education, technical services, marketing and sales support, the Oracle PartnerNetwork program provides partners with the resources they need to be successful in today’s global economy.

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Magma Launches YieldManager Solar - Proven Yield Enhancement Software Enables Solar Cell Fabs to Identify and Correct Root Causes of Yield Loss and Improve Energy Conversion of Solar Cells

6 July 2009

Magma® Design Automation Inc. announced YieldManager® Solar, a yield enhancement software system customized for solar fabs that improves energy conversion efficiency, increases yield and reduces the manufacturing costs of solar cells. Based on software proven in the semiconductor industry, [YieldManager Solar](#) provides fast, accurate analysis and correlation of all metrology, inspection and performance data used throughout the solar cell manufacturing process. With this information, solar fab test and production engineers can identify and correct root causes of solar energy conversion efficiency

and yield degradation caused by subtle fab processing fluctuations or instability -- saving time, maximizing equipment utilization, increasing yield and reducing costs.

"Inefficient energy conversion and the need to produce a very large number of wafers contribute to the high cost of solar-converted electricity and slow the growth of the alternative energy market," said Ankush Oberai, vice president of Magma's Fab Analysis Business Unit. "With [YieldManager Solar](#), fabs can carefully monitor the entire solar cell manufacturing process over time and create highly customized reports that enable them to improve the energy conversion efficiency, reduce the manufacturing costs and increase the yield of silicon wafer-based solar cells."

YieldManager Solar: Improving Yield and Efficiency of Photovoltaic Cell

As with semiconductors, solar cells are produced using a variety of manufacturing tools and equipment, each of which presents data in a unique format. With such a complex process and varying data, identifying the root cause of problems requires a holistic approach. YieldManager Solar is the only analysis tool that can collect and organize current and historic manufacturing data from all the process equipment. It allows fab engineers to easily filter data by lot, ingot, substrate, wafer and other parameters and to generate customized reports and dashboards. With this comprehensive analysis system, problems can be identified quickly and easily. For example, a non-uniform doping level on a process step could cause a drop in sheet resistance that can reduce the energy conversion efficiency of a solar cell. By monitoring, reporting and sending alarms about these types of out-of-control conditions, YieldManager Solar helps engineers identify and correct problems quickly. Additional analysis can then be performed, as needed.

YieldManager Solar is available now. For more information, visit the Magma website at <http://www.magma-da.com/ymsolar>.

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Magma Partners With Orion Metrology to Improve Manufacturing Yields, Product Efficiency of Photovoltaic Solar Panels

6 July 2009

Magma® Design Automation announced a partnership with Orion Metrology, a manufacturer of inline process monitoring and control tools for photovoltaic (PV) solar cell manufacturers, to integrate Magma's YieldManager® Solar with Orion Metrology inline inspection technology. Through this partnership, Magma expands the capabilities of its yield analysis platform, enabling PV solar panel manufacturers to speed defect identification and improve process control.

The integration of YieldManager® Solar, a yield enhancement software system customized for solar fabs, with Orion Metrology inline inspection technology enables PV solar cell manufacturers to monitor random and parametric inline defects and instantaneously feed this information back to manufacturing to minimize the impact and severity of defects, improving yield and product efficiencies.

Additionally, Orion Metrology has adopted YieldManager as the central data analysis solution for its inline process and parametric measurement applications.

"The key to improving product efficiencies and manufacturing productivity is to identify how carrier lifetimes are being affected by process layer over a large area -- from the surface to the bulk of the material -- on 100 percent of the production throughput," said Joe Foster, chief executive officer of Orion Metrology. "Our inline approach ensures a more accurate characterization of process variation. If

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monitored and corrected quickly, even small changes can yield dramatic improvements in product yield and efficiency, significantly increasing the value of the solar panels. Magma's [YieldManager Solar](#) enables the inline and metrology data to be reported, managed and understood in real time."

"[YieldManager Solar](#) was developed to reduce solar fab inefficiencies and help accelerate the growth of the alternative energy market," said Ankush Oberai, vice president of Magma's Fab Analysis Business Unit. "Partnering with Orion Metrology will enable us to offer an enhanced product portfolio for PV solar cell manufacturers."

[YieldManager Solar](#): Improving Yield and Efficiency of PV Cells

As with semiconductors, solar cells are produced using a variety of manufacturing tools and equipment, each of which presents data in a unique format. With such a complex process and varying data, identifying the root cause of problems requires a holistic approach. [YieldManager Solar](#) is the only analysis tool that can collect and organize current and historic manufacturing data from all the process equipment. It allows fab engineers to filter data by lot, ingot, substrate, wafer and other parameters, and to generate customized reports and dashboards. With this comprehensive analysis system, problems can be identified quickly and easily. For example, a non-uniform doping level on a process step could cause a drop in sheet resistance that can reduce the energy conversion efficiency of a solar cell. By monitoring, reporting and sending alarms about these types of out-of-control conditions, [YieldManager Solar](#) helps engineers identify and correct problems quickly. Additional analysis can then be performed as needed.

[YieldManager Solar](#) is available now. For more information, visit the Magma website at <http://www.magma-da.com/ymsolar>.

About Orion Metrology

Orion Metrology is a development-stage company nearing completion and release of its first product: a contactless instrument capable of measuring critical properties of silicon instantaneously during the PV cell manufacturing process. The instrument is based on patent pending technology developed by Orion that allows for ubiquitous integration across multiple process steps, providing process engineers with the tools necessary to make sustainable improvements in both yield and efficiency.

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MapleSim 2 and Maple 13 Language Editions Announced

6 July 2009

Maplesoft™ announced that the recently released products MapleSim™ 2 and Maple™ 13 are now available in several languages. These products are based on Maplesoft's core technologies, which include the world's most advanced symbolic computation engine and physical modeling techniques.

For Japanese customers, Maplesoft has released Japanese editions of both MapleSim and Maple. In addition, Maple 13 language packs are now available in French, Greek, Spanish, Chinese, Brazilian Portuguese, and Korean.

"In today's challenging times, tools that provide speed and efficiency are extremely critical," said Jim Cooper, president and CEO of Maplesoft. "Couple MapleSim and Maple's technology superiority with the advantage of localized language editions, and the advantages of these products become multi-fold. Engineers, researchers, and teachers in various countries have easy access to the power of these cutting-edge tools for design, modeling, and high-performance simulation."

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“[Maplesoft](#) has always responded to the needs of local markets with language editions and we see it as one of their key attributes,” said Yoichi Mizoguchi, board member and general manager at Cybernet Systems Co., Ltd., Maplesoft’s partner in Japan. “Maplesoft users in different countries use these products to solve difficult problems, gain better insights, and achieve better performance.”

Pricing and Availability

For pricing information, contact your regional reseller.

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MecSoft’s New VisualMILL for SolidWorks® Shifts Paradigm of Integrated CAM for SolidWorks®

8 July 2009

MecSoft Corporation, the developer of VisualMILL, AlibreCAM, RhinoCAM and other computer aided manufacturing /CAM software solutions, has announced the release of VisualMILL for SolidWorks®, an affordable integrated CAM software solution for SolidWorks® users starting at \$999 (U.S.)

With over a decade of production testing, and thousands of users worldwide utilizing their standard VisualMILL product, MecSoft has joined the exciting market of integrated CAM solutions for SolidWorks®. “MecSoft’s partnership with SolidWorks unites our state-of-the-art, yet affordable CAM software solutions with a global leader in CAD technology” says Craig Preston, Vice President of Marketing and Business Development at MecSoft. “CNC machinists have reiterated their desire to utilize the advanced functionality of an integrated CAM solution for SolidWorks®, but were not happy with the existing, more expensive options currently available to them.”

By using the familiar native interface of SolidWorks® to implement the feature set of VisualMILL CAM software, and by pricing the product affordably for cost conscious and discerning buyers, VisualMILL for SolidWorks® shifts the paradigm of integrated CAM software for SolidWorks®. For the first time, users can utilize seamless single-window integration, complete with full model associativity, to generate effective and high quality 2-1/2 axis, 3 axis, 4 axis, and 5 axis indexed tool paths for high speed machining. This is a true paradigm shift in offering production hardened CAM software that costs less than the price of their original SolidWorks® investment.

MecSoft will be presenting a FREE webinar of their global product launch of VisualMILL for SolidWorks® scheduled for July 22, 2009 at 11am Pacific Time (1 pm Central, 2 pm Eastern).

You can register for the seminar at: <http://www.visualmillforsolidworks.com/webinar/launch.htm>

For further information about MecSoft Corporation or any of their products, please call 949-654- 8163, visit either <http://www.mecsoft.com> or <http://www.visualmillforsolidworks.com>, or email sales@mecsoft.com

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Mentor Graphics Delivers Hardware-Assisted Solution for the Accelerated Verification of Serial-ATA II Products

7 July 2009

Mentor Graphics Corp. announced its hardware-assisted solution to accelerate the verification of Serial-ATA (SATA) II products, including hard disk drives (HDD) and optical CD/DVD drives.

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This new solution enables designers to test their system-on-chips (SoCs) that control a HDD or optical drive by providing an accurate, hardware-based model of the real disk drive connected to their SoC. This iSolve™ SATA product has a “plug-and-play” interface to the Veloce® family of hardware-assisted emulators, providing a cost-effective and efficient solution to verify SATA designs. The new product adds to the existing iSolve family of solutions for the accelerated verification of applications such as multimedia, networking, embedded systems, wireless, and storage devices.

The foundation stone of the consumer storage industry is based on the ATA (Advanced Technology Attachment) protocol, which has evolved into today’s widely used serial –ATA standard. With the ever-increasing demands from higher data transfer technologies, SATA has allowed manufacturers to push forward the operating speeds of storage devices to 3Gb/s with the application of the SATA II standard. These devices play a major role in many of today’s products, from consumer to network storage devices, and place a heavy burden on SoC designers who need to verify how their designs interact with the SATA devices connected to them.

“New consumer and network storage products increasingly depend upon the use of the latest-generation SATA devices, and design engineers are concerned over how they can quickly and efficiently verify their SoC designs that connect to these devices,” said Jim Kenney, Mentor Emulation Division (MED) director of marketing. “We took a new approach to solve these challenges with our iSolve SATA product by providing a flexible, easy-to-use, and highly configurable SATA device model. This gives our customers the ability to verify multiple configurations and descriptions of SATA devices, all with the same emulator solution rather than needing many specific devices.”

Combined with the Veloce emulation family, the iSolve SATA product delivers a high-performance and easy-to-use system verification environment to develop new SoCs containing a SATA controller without compromising delivery schedules. The solution offers several key benefits:

- Easy-to-use configuration tool means users are able to parameterize their SATA HDD or CD/DVD drive quickly and start their SoC verification as soon as possible
- Productive debug environment provides access to low-level transactions to detect those hard-to-find bugs
- High-speed data accesses to allow loading or unloading of GBytes of data in minutes rather than hours
- Compliant to SATA 2.6 standard

The iSolve SATA solution can be used with traditional in-circuit emulation (ICE) as well as a high-performance transaction-based acceleration mode of operation. The ability to mix and match traditional ICE capabilities with high-performance, transaction-based acceleration facilitates the smooth transition from simulation-centric use models to in-circuit emulation. The solution is available for deployment at customer sites effective immediately.

For product information on Mentor’s network verification platform, contact your Mentor Graphics sales representative, call 1-800-547-3000, or visit the website at <http://www.mentor.com/med>.

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ModuleWorks Announces New 2009.6 Software Release

8 July 2009

ModuleWorks has announced the latest release of its CAM components, version 2009.6. The release

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offers a wide range of new features across the product range, further expanding capability for the different areas of 3-5 Axis toolpath creation and machine simulation.

The 4 and 5-Axis machining components have been further refined with new STL machining capability and improvements to the automatic (tilt) 3-5 Axis conversion strategy which benefits from further automation and faster performance.

5-Axis STL machining is a relatively new development. Traditionally 5-Axis machining has required the full parametric surface definition; however this is not always readily available and surface geometry can be difficult to manipulate. New 5-Axis line projection methods in 2009.6 allow an undercut toolpath to be generated on an STL mode without using surface geometry.

New features appear across the product range. The 3-Axis machining now has Constant Cusp finishing where a single cusp-height value is maintained across the entire model giving excellent surface finish from a single strategy. Roughing strategies also see improvements with optimum methods of entry now applied automatically when approach the stock from outside.

ModuleWorks Simulation now features new techniques to emphasise sharp edges on the finish component; this is particularly useful with prismatic components where the individual features can be clearly shown.

David Plater, Technical Director comments “We’re showing some real innovation with our latest 5-Axis machining. The ability to work with STL is generating a lot of interest with our partners and we’re already seeing the technology integrated in a number of CAM solutions. Future releases will see other applications of the technology with SWARF machining from STL close to its beta phase.”

For more information, please visit <http://www.ModuleWorks.com>.

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New CIM DATABASE Version 2.9.8 supports Resource Management in Multi-Project Environments

3 July 2009

CIM DATABASE/PCS, the integrated Project Management System within CONTACT’s PDM/PLM platform, has been extended by extensive functions focused on resource management services. Enterprises can now achieve a more consistent supply of human resources for their development projects, thereby optimizing capacities. By confronting and graphically analysing resource supply and demand, the new solution timely discloses possible bottlenecks or idle times. It also delivers founded decision-related data on which projects can be tackled as estimated resources and schedules may easily be correlated with the resources at hand. Project and program managers now command a highly efficient planning instrument by which human resources deployment within multi-project environments is optimized.

CONTACT’s Project Management System supports scheduling together with project team allocation. The new Resource Management now frees Project Managers and Project Management offices from the inadequacies of often used Excel solutions. Such solutions not only required full recalculation once a single project or task was reallocated on the time schedule. They also presented major problems with general “what-if” analysis scenarios regarding varying task, schedule and resources planning, which can now be easily performed with CIM DATABASE.

Resource demand and supply are time-related parameters whose variations are best displayed

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graphically. The user is supported visually by graphs when analyzing and comparing supply and demand. Company specific parameters such as department structure, product line, project complexity etc. may be flexibly integrated and analyzed.

Irrespective of whether development projects are under way, newly assigned or still in proposition: The new CIM DATABASE Resource Management not only supplies conclusive figures regarding the temporal and spatial availability of staff. When allocating staff to projects or tasks, qualifications and abilities can also be considered. A further advantage of this new solution is the seamless integration with the CIM DATABASE PDM/PLM Information hub supporting also the actual, operative project execution.

The new application is already been deployed with a tier 1 automotive supplier and will be available as a standard module with the upcoming CIM DATABASE Release 2.9.8.

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Open Text Web Solutions 10 Debuts, Makes Delivering Content-Rich, Personalized Websites Easier Than Ever

8 July 2009

Open Text™ announced the immediate availability of Open Text Web Solutions 10, the latest release of Open Text's Web Content Management (WCM) software. The new release allows organizations to intelligently manage and deliver a broad set of corporate information to users over the Web, and features extensive usability upgrades, a new technology foundation, and deeper and more comprehensive integration with the Open Text ECM Suite and the SAP NetWeaver® Portal component.

The role of WCM has significantly expanded from a place to store and publish external-facing content to a vital tool in helping to support organizational business goals in such areas as sales and customer support. This means that WCM must deliver a highly personal customer experience and be able to tap into content housed in many different enterprise systems. And as digital assets have become less expensive to create, companies need better ways to manage rich media such as audio and video.

"Sites like iGoogle, Twitter and the many social Web offerings have raised the bar on the type of intuitive, flexible and personal experience users expect when visiting Web sites," said Jens Rabe, Vice President of Web Solutions at Open Text. "With Web Solutions 10, we are bringing the full Web 2.0 user interface to both the people editing content within the company and to the consumers of this content. The many enhancements and deep ECM and digital asset management integrations in this release will help customers save costs and produce more compelling and effective websites."

Enterprise Integration - A Unique Strength

The integration of Open Text Web Solutions 10 with enterprise systems is critical to many organizations because users visiting a website don't care about applications or where content comes from. Users expect seamless, cross-system access to all relevant information. Optimized integrations in the latest release let content editors seamlessly combine dynamic content from social media, the Open Text ECM Suite and rich media applications and reuse it across many target systems, including the SAP NetWeaver Portal. Within the SAP NetWeaver Portal the new Open Text Portal Manager strengthens the integration and enables business and casual users to better edit content and navigation in an intuitive workspace.

Next Generation Web Editing

CIMdata PLM Industry Summary

Managing content has never been easier and faster. With the new Web Solutions 10, user productivity is boosted by the new generation of Open Text SmartEdit now powered by rich Internet application (RIA) technology. This means minimal pop-up windows or browser refreshes along with helpful context menus throughout, zero click content and task editing, individual saved searches for a personal dashboard, plus drag and drop page creation and editing.

Based on an improved technological foundation, Web Solutions 10 offers a high-performance editing environment that fully leverages enterprise IT investments. This new technological foundation provides significant performance improvements when working with large projects. Based on the latest Microsoft .Net technology, Web Solutions 10 delivers performance gains in part through optimized memory management, upgraded multi-processor and multi-threading, and support for Microsoft SQL 2008 and Microsoft Windows Server 2008.

Videos, music and other rich media greatly enhance the Web experience for Web visitors. Organizations can now benefit from tighter integration between Web Solutions 10 and Open Text Digital Asset Management, an enterprise-class offering for managing rich media files. Using a new repository connector, organizations can display and deliver content from Open Text's digital media management solution dynamically.

Other enhancements in Open Text Web Solutions 10 include a new search integration API, extended tagging support, full control over creation of memorable URLs, extended password validation, and dynamic aggregation of personal content in newsfeeds.

Open Text Web Solutions 10 is available for download now. For more information about Open Text's Web Solutions, go to: <http://www.opentext.com/web-solutions>

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SpaceClaim Announces New Enhancements to Leading 3D Direct Modeling Solutions

7 July 2009

SpaceClaim announced new Service Packs for SpaceClaim Engineer and SpaceClaim Style. The Company's [3D design software](#) enables manufacturers to increase innovation, improve collaboration, and shorten time to market. Earlier this year, SpaceClaim announced the fourth release of SpaceClaim Engineer and SpaceClaim Style. With the introduction of these new capabilities, SpaceClaim continues to demonstrate an aggressive development cycle and commitment to providing solutions that are easy to learn and use, cost effective, and very accurate.

“Organizations are realizing the benefits of [simulation-driven product development](#) as a proven strategy to release design constraints, foster creativity early in the process, and reduce time to market and overall costs,” said Chris Randles, President and CEO of SpaceClaim. “Our 3D Direct Modeling solutions are enabling this shift in product design cycles and leverage engineering talent to engage in up-front design decisions and engineering analysis. Customers tell us they are reducing design times up to 40 percent with virtually no training required. And costs for SpaceClaim 3D direct modelers are a fraction of history-based solutions. SpaceClaim leads to design breakthroughs and significantly streamlined processes for our global customers.”

A recent survey of SpaceClaim customers showed very high levels of satisfaction with more than 90 percent of users recommending SpaceClaim to colleagues. Global customers – including Nokia Siemens Networks, BorgWarner, Medtronic, Lotus Cars, Sharp, K2 Medical Systems, FuelCell Energy, Emhart

CIMdata PLM Industry Summary

Glass, GE Aviation, General Dynamics, and the U.S Navy – span major engineering organizations who are achieving demonstrable results with SpaceClaim.

Additionally, SpaceClaim recently was one of only a few independent software vendors chosen by Microsoft® for Windows 7 support and by N-trig in support of their DuoSense dual-mode technology.

New Enhancements Fuel Faster, Easier and More Effective Conceptual Design and Solids Modeling

[SpaceClaim Engineer](#) a 3D direct modeler for top-down design, 3D layout, conceptual engineering, and model preparation for simulation and analysis. Unique capabilities include intuitive Pull, Move, Fill, and Combine tools for robust model editing, as well as straightforward 2D and cross-section modeling. SpaceClaim interoperates with all major CAD systems and with many analysis tools to bridge the gap in typical design and engineering workflows. Extensive new SpaceClaim Engineer features for ease in model preparation include:

- Repair tools for fixing gaps, missing faces, and stitching surfaces together
- Small faces tool to remove small or silver faces
- Tool to adjust geometry such as merging, extending, and simplifying faces
- Round removal and de-featuring tools for model preparation
- Midsurface tools for creating midsurfaces of thin-walled parts
- Volume Extract tool creates fluid regions inside assemblies
- Tools to create spot welds and face contact regions

SpaceClaim also introduced enhanced Sheet Metal capabilities for SpaceClaim Engineer. These new capabilities support the creation and unfolding of water-tight corners and rolled bends.

New features that apply to SpaceClaim Engineer and SpaceClaim Style include extensive new enhancements to product design and editing in the areas of surfacing editing, creation of swept blends, dimensioning, and many other new capabilities.

Enhanced interoperability continues to be a main focus in SpaceClaim releases. Bunkspeed HyperShot integration now includes the ability to visualize, set, and store HyperShot materials and textures from within SpaceClaim that can then be transferred to HyperShot. The SpaceClaim integration with ANSYS is also improved to include material properties, spot welds, and support for ANSYS® 12.0 and Workbench 2.0. In addition, SpaceClaim's interoperability with 3D PDFs and Rhinoceros has been enhanced, allowing for the import, modification, and export of these file types.

[SpaceClaim Style](#) brings 3D solid modeling to industrial designers and product stylists and enables them to work collaboratively with their clients and the entire development team. With SpaceClaim Style, users get a rapid creation environment that enables flexible design capabilities and converts hand-drawn, 2D, and surface data to accurate solid models.

Additional information on SpaceClaim Service Packs, including videos showcasing new and enhanced features, is available on the [What's New in SpaceClaim](#) page on their website.

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Zweave's New Packaged Services for Apparel and Footwear Industries Accelerates Product Lifecycle Management Adoption

8 July 2009

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Zweave, Inc. announced the availability of a suite of Zdesign packaged services for the apparel and footwear industry.

The four new Zweave packaged services offer varying degrees of customization and the option to mix-and-match services based on the customer's specific needs. The services will help accelerate PLM adoption while also streamlining the previously lengthy customization process.

“While the apparel and footwear industries are among the most aggressive when it comes to embracing PLM, there are varying degrees of success based on existing technology, skills and vendor service offerings,” said Laura McCann-Ramsey, president and CEO, Zweave. “The new services address this issue while eliminating the industry's current one size fits all proposition that isn't cost effective or realistic.”

The Zdesign packaged services offerings can cater to small- to medium-sized business (SMB) as well as scale to meet the needs of large enterprises. Specifically, the new services include the following.

Zdesign Out of the Box (OOTB) is an SMB offering that includes standard features and functions that are necessary to most organizations in the early stages of a PLM deployment. By taking advantage of Zdesign's existing services that address a wide variety of business and technical needs, customers can more easily build the foundation for PLM on their own or with minimal technical assistance. Zdesign OOTB supports up to 150 users and focuses on the configuration of Zdesign's five bundles that span the various stages of PLM including creative, sourcing, collaboration, marketing, and project management.

Zdesign Tailored Implementation (TI) services build upon the Zdesign OOTB Box offerings and extend these PLM capabilities by providing a customized scope of work and configuration quote for Zdesign consulting services. These services are recommended for SMBs with multiple brands, larger organizations with pre-defined scope and requirements or collaborative networks. Zdesign TI services help customers more accurately track their progress, stay within budget and more quickly realize a return on their PLM investments.

Zdesign Custom is suitable to larger organizations that require more extensive customization or are extending PLM to include integration into other environments such as enterprise resource planning (ERP) systems.

Additionally, Zweave is offering a la carte services for the following: PLM strategy, establishing a project management office, technical assessment delivery, 'as is' process verification, process definition, enterprise application integration, and custom report design.

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