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Company News

5 Horizons Group Announces Partnership with TradeStone Software

9 February 2011

[5 Horizons Group](#) announced the company has signed a partnership agreement with TradeStone Software. TradeStone is a recognized leader in Merchandise Lifecycle Management (MLM) solutions that unify the design, sourcing, ordering and delivery of private label and globally branded goods. The agreement names 5 Horizons Group the North American distributor of TradeStone products and services to the mid-market consumer product wholesale and import channels.

The two companies will work together to leverage 5 Horizons' suite of services, which covers global sourcing, product design and development, production, quality assurance, and supply-chain logistics, to expand TradeStone's presence within this important emerging market. 5 Horizons will offer TradeStone's Merchandise Lifecycle Management solutions to its current and new customers.

“While the Internet has had a profound impact on global manufacturing over the last decade, the tools that support communication and collaboration between global partners have significantly lagged,” said Kevin Lehrer, managing partner of 5 Horizons U.S. operations. “We are excited to partner with TradeStone because they provide an innovative technology that enables product companies to source, develop, and drive product to market faster than ever. The positive impact of their MLM technology on companies' operational efficiency, margin growth and risk reduction is equally significant.”

5 Horizons will offer TradeStone's solutions, primarily employing a Software as a Service (SaaS) model, to the wide range of mid-market CPG manufacturers that develop private label and branded goods for sale to the mass and specialty retail channels. Specific terms of the deal will not be disclosed.

“[TradeStone](#) is pleased to add 5 Horizons to our growing list of partners worldwide,” said Sue Welch,

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CEO, TradeStone Software. "They give us excellent reach in an important but underserved market. The value of Merchandise Lifecycle Management to the retail and consumer goods manufacturing segments underscores the need for retail-supplier collaboration and integration of the entire design to delivery process."

"The ability of U.S. and Asia partners to communicate across a single platform is game-changing," said Jonathan Allen, Managing Partner of 5 Horizons Asia office. "The confluence of this 'cloud' technology with enhanced broadband all throughout Asia is going to have a significant impact on global, cross-functional communication and work-flows. The strength of MLM technology is that it fosters discipline and consistency in communication and provides a better interface for managing projects."

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Graphics Systems Named Top SolidWorks Subscription Provider

3 February 2011

Graphics Systems Corp. was honored by Dassault Systèmes SolidWorks Corp. as the Top SolidWorks Subscription Provider in North America at the SolidWorks World 2011 Awards Banquet in San Antonio, TX January 26, 2011. This award is presented annually to the SolidWorks provider with the largest percentage of customers that renewed their SolidWorks licenses. Over 96 percent of Graphics Systems customers renewed their software subscriptions with Graphics Systems in 2010.

"SolidWorks is proud to honor Graphics Systems Corp. as the Top SolidWorks Subscription Reseller in North America. Their company-wide passion for customer service and support consistently ranks them among our top resellers. Through their strong partnership with DS SolidWorks, Graphics Systems continues to demonstrate and provide the value of our professional 3D solutions and services," said Ken Clayton, vice president of North American sales at DS SolidWorks.

Dave Kasinskas, President of Graphics Systems Corp., credits customer support and added service offerings for this recognition. "The need for a higher level of support from a reseller is why we started the company 20 years ago. We pride ourselves on our 100% dedicated support, and we strive to build consulting teams consisting of top product experts that deliver unparalleled customer service."

"We view our customers as partners, listen to their needs, and adapt our business accordingly. Last year, we introduced new support offerings, such as our PartnerPlus+ program, to establish stronger relationships with our customers, allowing them to become better users of our solutions," states Kasinskas.

SolidWorks World 2011 featured additional recognition for Graphics Systems Corporation for their commitment to customer service excellence. Graphics Systems was awarded the "Elite 190 Club Award" for excellence in subscription sales to both new and existing customers. Additionally, Graphics Systems was named the "Top Subscription Recapture" reseller in North America for their efforts in re-enrolling 100's of customers in their support and software maintenance programs.

About Graphics Systems Corporation

Graphics Systems Corp. assists companies in implementing 3D engineering capabilities for design, simulation, data management, and product documentation. In business for over 20 years, Graphics Systems partners with 1,000's of companies in Wisconsin, Illinois, and Michigan to improve product design and engineering efficiency.

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Headquartered in Milwaukee, WI with offices in Chicago, IL; Madison, WI; Freeport, IL; and Green Bay, WI; Graphics Systems is the Midwest's leading provider of SolidWorks 3D CAD solutions, consulting, support, and training. For more about Graphics Systems and to learn more about their support offerings, please visit (<http://www.gxsc.com>) or call 800-454-2233.

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Strengthening of ESI Scientific Committee: Appointment of Prof. Genki Yagawa

7 February 2011

[ESI](#)'s Scientific Committee, active since December 2005, aims at establishing an academic network of experts providing a vital link between the scientific world and the changing market of [Virtual Prototyping](#). Over the past 5 years, the Scientific Committee has fostered and maintained links with academia and industry partners worldwide, challenging and influencing [ESI](#) to sustain innovative Research and Development.

Distinguished academics have been recruited as members of the Scientific Committee, presided over by Vincent Chaillou, Chief Operating Officer of [ESI](#) Group. In addition to 8 [ESI](#) in-house experts, the Scientific Committee includes today 8 world-renown experts in fields ranging from impact and passenger safety to vibro-acoustics, welding and casting.

Professor Genki Yagawa, President of the International Association for Computational Mechanics, Board Member of the Engineering Academy of Japan, Member of the Science Council of Japan and Member of the Visiting Committee of the CEA (French Atomic Energy), recently accepted [ESI](#)'s invitation to join the Scientific Committee as an expert in Nuclear Safety and Engineering. His knowledge and industry experience are expected to be extremely beneficial to [ESI](#), complementing its expertise for providing innovative and practical solutions to the planning, design, construction, operation and regulation of Nuclear Power Plants and related facilities.

Professor Yagawa's academic career spans the Science Council of Japan (membership appointed by the Prime Minister), the Engineering Academy of Japan, the International Association for Computational Mechanics, and many other prestigious associations. He received his Doctorate in 1970 from the University of Tokyo where he became Lecturer, Associate Professor, Professor, then Chair of the Department of Quantum Engineering and Systems Science, Chair of the Graduate Program of the Department, and where he is currently Emeritus Professor. He has received more than 30 awards including the Prime Minister Award in 2007 as well as Japan Academy Prize and Toray Science and Technology Prize in 2009. He has also published more than 380 journal papers and is the author/editor of 64 textbooks and special issues of several journals.

Each member of the Scientific Committee is responsible for driving innovation in their domain, fostering exchanges in the form of publications, strategic white papers, innovation support, high level training, seminars, and more. The Scientific Committee meets four times a year to address specific cutting edge topics or challenges.

For more information on [ESI](#)'s Scientific Committee, visit:
www.esi-group.com/scientific-committee

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Zuken Expands its Sales Reach in North America through Partnership with Reseller TSI

8 February 2011

Zuken announced that Technical Systems Integrators, Inc. (TSI) has joined its expanding North American sales force. TSI's experienced sales team will incorporate Zuken's electrical and electronic ECAD software, [E³.series](#) and [CR-5000](#), into their portfolio of solutions. This comes about as a result of growing success and subsequent demand for Zuken's design solutions.

TSI, headquartered in Maitland, FL, is a leading supplier of electronic design automation and product lifecycle management software in the southeastern United States. The company has more than twenty-three years of experience supplying best in class solutions to create a world-class design automation workflow.

[E³.series](#) is Zuken's software solution for the design and documentation of wiring, harnesses, cable assemblies, control panels, hydraulic and pneumatic systems. [CR-5000](#) is Zuken's flagship solution offering leading-edge functionality for the layout of multi-layer and high-speed printed circuit boards.

For more information on Zuken's solutions for electrical and electronic design, please visit www.zuken.com/products.aspx.

TSI will sell Zuken's solutions in OK, LA, AR, AL, GA, FL, SC, NC, TN, VA, WV, MD and the District of Columbia. For further details and to contact TSI, visit <http://www.tsieda.com>.

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Events News

Altair to Introduce AcuSolve to HyperWorks Community at 2011 Americas HyperWorks Technology Conference in Orlando

8 February 2011

[Altair Engineering, Inc.](#) will again bring innovation to life at its 2011 [Americas HyperWorks Technology Conference](#) (HTC2011).

This year's Americas HTC will be held at the Hyatt Regency Grand Cypress in Orlando, Fla., June 22 – 23, where Altair will roll-out the integration of computational fluid dynamics (CFD) capabilities as part of its HyperWorks computer-aided engineering (CAE) simulation platform.

More than 300 professionals are expected to gather at HTC2011 for access to an extensive hardware and software exhibition and hear firsthand from experts about industry trends, challenges and ways that manufacturers are enabling innovation through simulation. HTC2011 also will feature presenters from a wide range of advanced-manufacturing industry verticals, including aerospace, automotive, consumer products, electronics, healthcare, heavy equipment, military, rail transit, ship building and white goods.

In addition to a rich agenda of workshops and presentations, HTC2011 will feature several compelling keynote speakers, including:

James R. Scapa, chairman and CEO, Altair Engineering

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Robert M. Lightfoot Jr., director, NASA Marshall Space Flight Center

John Viera, director of sustainability, Ford Motor Company

Kent Day, technical director, engineering team, Richard Childress Racing

Dr. Uwe Schramm, chief technology officer, Altair HyperWorks

Dr. Farzin Shakib, vice president CFD technology, Altair HyperWorks

"It is an exciting time in the engineering community, with access to new and better technologies that enable engineers to innovate and go beyond human constraints through computer simulation," said Jeff Brennan, chief marketing officer for Altair. "HTC is a place where engineers can come to share hands-on information with each other and learn new ways to apply best-in-class technologies to their product design processes. We're looking forward to facilitating this knowledge and technology transfer with our customers and partners. "

At HTC2011, Altair will feature its newest addition to the [HyperWorks](#) suite of CAE tools, [ACUSIM Software](#)'s high-fidelity CFD solver technology. Altair recently [announced the acquisition](#) of ACUSIM, and will integrate its CFD solver, [AcuSolve™](#), with Altair's RADIOSS solver and optimization tools, OptiStruct and HyperStudy, to increase Altair's offerings in CFD and multi-physics optimization.

HTC2011 is Altair's premier annual event and is free for all attendees. The two-day conference will offer sessions on advancements in the areas of simulation-driven design practices, design optimization, data management, process automation, cloud computing and decision support systems.

For more information and to register, visit <http://www.altairhtc.com/>. Connect with HyperWorks on [Twitter](#), [Facebook](#) and [LinkedIn](#) for HTC2011 updates and information.

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Delcam to Show Integrated CAM for SolidWorks and More at CIMT

11 February 2011

Delcam will demonstrate its integrated CAM system for SolidWorks, Delcam for SolidWorks, in China for the first time at the China International Machine Tool show to be held in Beijing from 6th to 11th April. Delcam will also display its full range of machining and inspection software, including PowerMILL for high-speed and five-axis machining, FeatureCAM for feature-based production machining, and PartMaker for programming turn-mill equipment and Swiss-type lathes, plus the CMM and On-Machine Verification versions of PowerINSPECT.

Delcam for SolidWorks, which was recently granted Gold Product status by Dassault Systèmes SolidWorks Corp, includes comprehensive options for the programming of turning and mill-turn equipment, alongside the company's industry-leading technology for drilling and two- through five-axis milling. This broad range of strategies allows users to program everything from lathes up to mill-turn equipment, more quickly, more reliably and more easily than with other integrated CAM systems.

Delcam for SolidWorks combines the benefits associated with PowerMILL and FeatureCAM CAM systems. It is based on Delcam's machining algorithms that are already used by more than 35,000 customers around the world. The software offers PowerMILL's speedy toolpath calculation, plus the advanced strategies for high-speed and five-axis machining, to ensure increased productivity, maximum tool life and immaculate surface finish, even when cutting the hardest, most challenging materials. At

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the same time, Delcam for SolidWorks has the same strong focus on ease of use as FeatureCAM, including all of the knowledge-based automation that makes that system so consistent and reliable.

The latest release of Delcam for SolidWorks benefits from all of Delcam's recent developments to take advantage of the latest hardware, including support for 64-bit computers. 64-bit technology removes the memory limitations of 32-bit computers so allowing more efficient toolpath generation, especially for companies machining large or complex parts. The use of the latest multi-threading technologies has been extended to further increase user productivity. In addition, improved memory management within the software gives faster calculation times, with the greatest benefits again coming when programming larger or more complex components.

The 2011 version of PowerMILL makes the programming of safe toolpaths easier than ever thanks to new stock-model-engagement options that protect both the cutting tool and the machine from excessive loading. Other enhancements include new editing capabilities to simplify the machining of duplicate items; more versatile control of feed-rates for leads and links; and extra functionality for sketching, plus the completion of the move to the new clearer forms for the complete range of strategies.

FeatureCAM 2011 incorporates support for 64-bit computers, improved data exchange from a wider range of design software, the ability to use stock models and new strategies across the complete program, from turning to five-axis machining. The new release also has a more modern interface to make programming easier than ever.

Major highlights of PartMaker 2011 include more powerful milling functionality, a more flexible tooling library, improved programming and simulation of bar-fed mills, more detailed mid-process documentation and a host of additional productivity enhancements. In particular, multi-axis milling functionality that has taken Delcam many man-years to develop continues to be added to PartMaker at a rapid pace.

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Delcam to Show Robot Machining and Inspection Developments at JEC

9 February 2011

Delcam will demonstrate the latest developments in its PowerMILL software for the programming of machining by robot at the JEC exhibition to be held in Paris from 29th to 31st March. The latest version of the company's PowerINSPECT inspection software will also be on show, with demonstrations on a FARO Fusion inspection arm and a Creafom HandyScan.

The robot machining demonstration will use a KUKA robot, the combination that has proved successful for Delcam customers such as marine manufacturer Southern Spars. This is one of many applications where a robot has provided a lower-cost alternative to machine tools for the manufacture of larger composite components.

The new robot machining interface in Delcam's PowerMILL CAM software has made it far easier to program robots for a much wider range of applications. The ability to program the robot offline from 3D CAD data is both faster and more efficient than the "teach and learn" approach that is often used to create instructions for the equipment.

This easier programming method is allowing composite manufacturers to take advantage of the many potential benefits of using robots. Firstly, the cost of installing a robot is far less than the price of a large machine tool with a similar working envelope. In addition, the flexibility of the robot means that

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complex operations can be carried out in a single set-up, so cutting production times and reducing the number of fixtures needed.

Robots do have their disadvantages since they struggle to machine harder materials and cannot match the tolerances possible with modern machine tools. However, they can be used successfully in any area where softer materials need to be machined to accuracies of tenths of a millimetre. This can be more than adequate for components that might be several metres in length, as is often the case for composite tooling and parts for marine, aerospace, autosport and rail applications.

Delcam's PowerINSPECT combines the ability to work with all types of inspection device with a comprehensive range of inspection routines for taking simple measurements, for inspection of geometric features and for analysing complex 3D surfaces. The resulting reports present detailed information in a format that can be understood by all engineers not just inspection specialists.

Reporting in PowerINSPECT is now even more flexible with the "Quick Report" option. This allows users to add headers and footers to any image taken from the full report in order to create a single page graphical representation of the inspection. Faster interpretation of the data allows for errors to be identified and rectified more quickly, so reducing costs.

Improvements to the handling and alignment of point clouds make it easier to deal with the large data sets generated when using laser-line probes. Emphasis on critical areas of the part alignment can now be carried out by selecting the desired region of the point cloud and associating it to the CAD. This allows priority to be given to the selected regions of the point cloud rather than treating every point equally, thus giving more control over the alignment.

Increased capabilities in CAD formats mean that more and more data is becoming available to the inspector in these files. GD&T is the most common Model-Based Definition format and PowerINSPECT now supports GD&T in Unigraphics as well as the previous support for GD&T in CATIA. This lets the user create GD&T items directly from CAD. Improved handling of the tree structure in CATIA files has also been implemented, allowing for easier navigation of the CAD data within assemblies.

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Delcam to Promote Aerospace Services at AeroDef Show

9 February 2011

Delcam will promote its wide range of software and services for the aerospace industry on **booth 1318** at the new AeroDef exhibition to be held in Anaheim, California, from 5th to 7th April. A special focus will be on the services provided by Delcam Professional Services to improve companies' manufacturing processes by increasing productivity, improving accuracy and shortening lead times.

Delcam systems have been used, at some stage, on virtually every major aircraft programme in recent years. The company's customers have undertaken projects in all the various areas that go towards producing a successful aircraft, from developing more fuel-efficient engines, to manufacturing airframe components more effectively, and even in designing more comfortable and more attractive interiors. They have worked on all scales of project, from the manufacture of components for unmanned drones and helicopters up to the production of engines and airframes for the largest passenger and transport aircraft.

In addition, maintenance and repair operations use Delcam systems to enable the fast, efficient repair or

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replacement of damaged components. By shortening design and manufacturing times, while maintaining the highest levels of quality, repairs can be completed as quickly as possible, so minimizing the lost operating time of the aircraft.

Delcam Professional Services also helps companies whose own engineering resource is needed to maintain its existing operations. The support given can vary from providing extra design and programming resources when existing staff are overloaded, through to developing completely new turn-key processes for the manufacture of novel designs.

A key focus is on advanced manufacturing technologies that bring inspection and machining together to improve the cycle time, quality and profitability of machining operations. In-process inspection is used to collect details about the process and then that data allows it to be adapted in response to issues that typically cause alignment, cycle time and accuracy problems. The results minimize concessions, manual operations and accuracy issues, stabilize process times, and reduce costs.

Delcam is rated by US analysts [CIMdata](#) as the leading specialist supplier of CAM software. With PowerMILL for high-speed and five-axis machining, FeatureCAM for feature-based production machining, and PartMaker for the programming of turn-mill equipment and Swiss-type lathes, Delcam offers a wider range of software, for a greater variety of CNC equipment, than any other supplier.

“Delcam has grown its business in the aerospace sector significantly in recent years,” reported Delcam North America President, Glenn McMinn. ““The US Air Force uses our FeatureCAM feature-based machining software around the world for the production of spare parts, while many other of our 10,000 customers in North America do work for aerospace clients.”

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48th Design Automation Conference Appoints Paul McLellan as DAC Knowledge Center Managing Editor

8 February 2011

The [Design Automation Conference \(DAC\)](#) has appointed industry expert Paul McLellan as managing editor for the DAC.com Knowledge Center. The DAC.com Knowledge Center serves the broad community of electronic, system and IC design professionals, researchers, students, and others for whom DAC is essential. The 48th DAC will be held at the San Diego Convention Center in San Diego, California, from June 5-10, 2011.

Spanning front-end, back-end, embedded systems and software topic areas, The Knowledge Center publishes a wide variety of articles. Technical reviews, technical deep-dives, whitepapers, how-to's, opinion pieces, and “virtual interviews” are published at <http://www.dac.com/knowledge+center.aspx> and in a monthly newsletter sent to industry professionals, DAC attendees and academics.

Paul McLellan has a 25 year background in semiconductor and EDA with both deep technical knowledge and extensive business experience. He works as a consultant in EDA, embedded systems and semiconductor. Paul was educated in Britain and spent the early part of his career as a software engineer at VLSI Technology both in California and France, eventually becoming CEO of Compass Design Automation. Since then he was VP engineering at Ambit, corporate VP at Cadence, VPs of marketing at VaST Systems Technology and Virtutech, and CEO at Envis Corporation. His website is at <http://www.greenfolder.com> and he blogs on edagraffiti.com and Semiwiki.

McLellan will be supported at The Knowledge Center by Chuck Alpert, Manager, Design Productivity

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Group, IBM Austin Research Laboratory and Sudeep Pasricha, Professor at Colorado State University, both serving as technical editors of the Knowledge Center.

To learn more about the Knowledge Center and submission guidelines visit <http://www.dac.com/>.

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IMAGINiT Technologies Hosts BIM 360 Virtual Conference

8 February 2011

Rand Worldwide announced that its IMAGINiT Technologies division (imaginit.com) is launching BIM 360, a virtual conference (imaginit.com/BIM360). Attendees will learn about implementing BIM best practices, be shown the latest tools and software such as Scan to BIM, and they will also be able to network with peers and ask questions in the exhibit hall and lounge area. This online event runs from 9am to 5pm ET on Thursday, February 17, 2011 and is available for free to anyone in North America.

Designed for architectural, engineering and facility management professionals, this full-day virtual conference explores every aspect of Building Information Modeling (BIM) – from design through maintenance. Running simultaneously, two session tracks will dissect BIM topics from the perspective of both software users and managers.

This premier virtual event for all BIM and building related professionals is an exclusive chance to hear dynamic and renowned BIM experts speak about BIM related technologies of today and tomorrow. Listen for a few hours or the entire day and interact online with your peers in the BIM 360 virtual lounge. Attendees can also interact with conference exhibitors which include: ARCHIBUS, Offit Kurman, Rand Worldwide, SmartBIM, and Treligence.

Sessions

Expert-led sessions cover BIM from every angle. Detailed descriptions can be found at <http://www.imaginit.com/BIM360> Each topic is divided into two tracks. One specifically designed for software users and the other focused for managers. This ensures every attendee receives relevant insight that they can apply directly to their organizations. A bonus session, Model Sharing, is intended for managers and will run at the end of the day.

Sessions for Software Users

All software user focused sessions are 60 minutes and include demonstrations of various software platforms. View a two minute YouTube video describing the top five reasons software users should register for BIM 360 at <http://www.youtube.com/imaginittech>.

- Design Models
- Analysis Models
- Documentation Models
- Virtual Construction Models
- Facilities Models

Sessions for Managers

All manager focused sessions are 30 minutes and focus on the related business issues for each area. View a two minute YouTube video describing the top five reasons management should register for BIM

360 at <http://www.youtube.com/imaginitech>.

- Design Models
- Analysis Models
- Documentation Models
- Virtual Construction Models
- Facilities Models
- Model Sharing (bonus track for managers)

Registration

Registration is free, but advanced registration is required. Register now by visiting <http://www.imaginit.com/BIM360Register>.

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Learn How Direct Modeling Keeps Leading Manufacturers on Top (Webcast)

February 2011

Join PTC Creo Elements/Direct experts for a series of live webcasts on how a direct modeling approach to 3D design can improve your product development processes and increase overall engineering productivity.

In each of these [upcoming webcasts](#) you will hear how many top manufacturing companies have used direct modeling techniques to significantly improve their competitive advantage.

Today's discrete manufacturers face short design cycles, increasing demand for new products, and unpredictable design requirement changes – creating unprecedented demand for flexibility and real time, on-the-fly interactions, and leaving little room for slow application performance.

Attend one or all of these webcasts and learn how direct modeling addresses today's top CAD challenges and can help you:

- Improve speed and flexibility of conceptual design process
- Optimize the CAE workflow with model preparation and optimization
- Save cost and time by leveraging and repurposing available designs from any sources

Click here to view the [webcast calendar](#) and register for your topic(s) of interest.

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NEi Software Introduces a Free FEA Mobile Application, NEi Stratus

10 February 2011

NEi Software debuts its free FEA mobile application, NEi Stratus, at the Pacific Design & Manufacturing 2011 show as the company continues to innovate how and when finite element analysis solutions can be delivered to engineers. With this current application, finite element analysts can explore

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how mobile technology can be used to perform basic analysis, viewing results on their iPhone and iPad anywhere and anytime. The company sees the potential of combining cloud technology with the power of NEi Nastran solvers and believes this initial exploration into the combination will allow for more complex analysis as the technology matures.

NEi Stratus will be available by the beginning of the second fiscal quarter and will be initially offered at no charge. Those interested in viewing demos of this free mobile FEA application and staying up-to-date on NEi Software products should visit <http://www.nenastran.com/mobile>.

"As innovators in CAE, NEi Software recognized two rapidly advancing technologies that have great potential within the CAE industry, mobile applications and cloud computing. NEi Stratus leverages these technologies to give engineers on-demand Nastran-based analysis," said Mitch Muncy, Manager of Presales and Technical Support for NEi Software.

Resources:

[Request more information and see the iPhone demo](#)

[iPad demo](#)

[Interview at SWW2011 with NEi Software CEO, Dave Weinberg](#)

[Application overview by Kenneth Wong of Desktop Engineering](#)

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PLM & ERP Integration Among Topics of February Webinars Hosted by To-Increase

7 February 2011

[To-Increase](#), a provider of Microsoft Dynamics solutions, hosts live webinars for manufacturers throughout February. Topics of these manufacturing-centric webinars include best practices for Enterprise Resource Planning (ERP) and Product Lifecycle Management (PLM) integration. Those interested in attending can register by visiting the [To-Increase blog](#).

PLM and ERP integration empowers manufacturers to experience benefits ranging from real-time collaboration to rapid time to market. Improved capabilities available to manufacturers that integrate PLM and ERP have recently grown stronger, as To-Increase and PTC have joined forces to integrate ERP software Microsoft Dynamics AX with PLM Software PTC Windchill.

"During our February 15th webinar, we will reveal best practices for PLM and ERP integration," states Luciano Cunha, Global Industry Director, To-Increase. "Manufacturers that attend will discover how integrating ERP software Microsoft Dynamics AX and PLM Software PTC Windchill will empower them to experience each of the benefits available through this powerful system collaboration."

Real-time collaboration will be a key benefit revealed in a webinar hosted by To-Increase in early February. On February 9th at 10am EST, To-Increase product professionals will illustrate to webinar attendees how best to install and deploy Microsoft e-Con Sales & Product Configurator into their environment.

Proper deployment of Microsoft e-Con Sales & Product Configurator arms manufacturers with the power of real-time communication and collaboration, much like manufacturers that integrate PLM and ERP. Manufacturers that attend the Microsoft e-Con Sales & Product Configurator webinar hosted by To-Increase will ensure the companies they represent experience the full range of benefits this solution

provides.

"From design to distribution, there are hundreds of different duties for those working in manufacturing," concludes Cunha. "Attendees to this month's webinars hosted by To-Increase will discover how integrating cutting-edge systems into their environments will shape each of these duties around a new level of efficiency and effectiveness."

To register for this month's Microsoft Dynamics webinars, visit the To-Increase blog at <http://blog.to-increase.com/february-webinars-including-plm-integration/>

About To-Increase

As a global ISV and Microsoft Gold Certified partner, To-Increase develops solutions for industry verticals, including highly specific Industrial Equipment Manufacturing, retail, wholesale, construction, distribution, and professional services segments. We offer end-to-end solutions built on Microsoft Dynamics AX and Microsoft Dynamics NAV, along with a wide range of business integration and add-on software for Microsoft Dynamics ERP and CRM solutions. We also develop e-Con, the leading sales and product configurator for Microsoft Dynamics. To-Increase has been recognized as the Microsoft Dynamics Outstanding ISV of the year for both 2009 and 2010, and has been a member of the Microsoft President's Club and Inner Circle for three consecutive years. Our solutions are delivered worldwide through a network of highly trained partners.

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Tribold Promotes Enterprise Product Management at Mobile World Congress 2011

10 February 2011

Tribold continues to lead the way for Communication Service Providers at this year's Mobile World Congress in Barcelona. At the event, Tribold will be discussing the wide range of benefits to CSPs from adoption of Enterprise Product Management (EPM) with executives from mobile network operators, industry press and analysts, leading systems integrators and OSS/BSS software providers.

Tribold partner, Capgemini, will be showcasing their open CRM solution for the Telco market which is based on a joint Tribold and Capgemini Microsoft Dynamics CRM integration. The solution will be available to see at the Capgemini stand at the conference.

As first movers in the Enterprise Product Management telecoms sector, Tribold has defined end-to-end product and service management and 2010 saw EPM as one of biggest OSS / BSS growth areas. Tribold users have seen improvements in product management performance enabling their business to decrease cost to market, reduce time to market, improve quality of the product management process and increase ability to support product and service innovation.

"With the mobile industry seeking to provide greater mobile network capacity and respond to the opportunities provided by mobile applications, mobile money and M2M, reducing cost to market and time to market and increasing quality product and service innovation still remain top priorities for CSPs in 2011," said Simon Muderack, CEO at Tribold. "Providing CSPs with a single view of all products and services offered, enables them to understand key product management metrics, such as profitability and predictive analysis, based on accurate information. In today's challenging environment, the ability to rapidly adapt to changes in customer demand has a direct effect on the provider's bottom line."

Tribold executives are available to discuss and showcase its Tribold EPM solution. To meet Tribold at

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Mobile World Congress, please contact marketing@tribold.com

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VERICUT Users Have Their Say

February 2011

VUE 2011 (VERICUT Users Exchange) will be held on Wednesday May 18th at the Williams F1 Conference Centre at Grove in Oxfordshire (<http://www.williamsf1conferences.com>).

VUE 2011 is an opportunity for VERICUT users to learn about current and future versions of VERICUT. It is also an opportunity to meet the CGTech Ltd team and other VERICUT users to exchange ideas and techniques and a chance for VERICUT users to provide feedback and make suggestions for product enhancements for future releases.

With version 7.1 just released, this year's event will focus on new features and performance improvements offered by version 7.1, many of them suggested by users at previous VUE events.

The UK VUE is part of a world-wide program of VUE events which last year saw over 1000 users attend over 40 VUEs in 14 countries, including China, Japan, Russia, Brazil and India. Click [HERE](#) to find the VUE event in your area or contact John reed at john.reed@cgtech.com or call 01273 773538.

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Financial News

American Software, Inc. Invites You to Join Its Third Quarter of Fiscal Year 2011 Preliminary Results Conference Call on the Web

8 February 2011

In conjunction with American Software's Third Quarter of Fiscal Year 2011 Results you are invited to listen to its conference call that will be broadcast live over the Internet on Wednesday, March 2, 2011 at 5:00 pm EST.

What:

American Software's Third Quarter of Fiscal Year 2011 Preliminary Results

When:

5:00 pm EST, March 2, 2011

Where:

<http://www.amsoftware.com>

How:

Live over the Internet -- Simply log on to the web at the address above

Contact:

Pat McManus, pmcmanus@amsoftware.com

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Aspen Technology Announces Financial Results for the Second Quarter Fiscal 2011

9 February 2011

Aspen Technology, Inc. announced financial results for its second quarter of fiscal 2011, ended December 31, 2010.

Mark Fusco, Chief Executive Officer of AspenTech, said, “The company’s solid performance was well-balanced across our key verticals, products and geographies during the second quarter. The license portion of AspenTech’s total contract value grew by approximately 3.5% sequentially, leading to year-to-date growth of over 5.0% from the end of fiscal 2010. We are currently ahead of last year’s pace of growth and believe that AspenTech is well positioned to achieve our full year goal of upper single digit to double digit growth for the full year. We believe the growth of the license portion of our total contract value is the most meaningful metric for analyzing AspenTech’s underlying growth during our multi-year revenue model transition.”

“The company continues to execute well with respect to expense controls and working capital management, which is contributing to a positive impact on our cash flow. Another strong performance in the second quarter contributed to the generation of approximately \$19 million in free cash flow during the first six months of fiscal 2011, a significant increase from approximately \$3 million in the comparable period last fiscal year. We believe that AspenTech remains well positioned to deliver against our longer-term goal of free cash flow in the mid-\$90 million range during fiscal 2013,” Fusco concluded.

Second Quarter Business Highlights

- Total contract value, including the value of bundled maintenance, grew approximately 4.5% sequentially during the second quarter, while the license portion of total contract value grew approximately 3.5% sequentially.
- Bookings were approximately \$86 million for the second quarter, leading to bookings of approximately \$160 million for the first half of fiscal 2011. Within bookings, new and expanded adoption drove the above mentioned sequential increase in the license portion of total contract value, and solid renewal activity contributed the remainder of total bookings.
- The value of future cash collections associated with the company’s subscription and multi-year term contracts was \$688 million at the end of the second quarter, an increase from \$653 million at the end of last quarter and \$511 million at the end of the second quarter of fiscal 2010.
- The company closed 24 bookings of over \$1 million during the second quarter, compared to 18 in the second quarter of fiscal 2010, and 54 bookings between \$250,000 and \$1 million, compared to 57 in the second quarter of fiscal 2010.
- Average deal size for bookings over \$100,000 was approximately \$653,000 in the second quarter, compared to approximately \$778,000 in the second quarter of fiscal 2010.

Summary of Second Quarter Financial Results

AspenTech’s total revenue of \$49.8 million increased 17% from \$42.7 million in the second quarter of the prior year.

- Subscription revenue includes all revenue associated with the company’s aspenONE subscription offering. Subscription revenue was \$11.8 million in the second quarter of fiscal 2011, an increase from \$1.2 million in the second quarter of fiscal 2010. Subscription revenue is recognized over the course of

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the multi-year agreement, and recognition begins when the first payment is due, which is typically 30 days after the contract is signed.

- Software revenue includes all non-subscription-based license revenue, including term-based contracts for point products as well as perpetual licenses. Software revenue was \$13.5 million in the second quarter of fiscal 2011, compared to \$9.0 million in the year ago period.

- Services & other revenue, which includes professional services, maintenance and other revenue, was \$24.5 million in the second quarter of fiscal 2011, compared to \$32.5 million in the year ago period.

For the quarter ended December 31, 2010, AspenTech reported a loss from operations of \$9.3 million due primarily to the ratable revenue recognition associated with the company's aspenONE subscription offering. For the quarter ended December 31, 2009, the company reported a loss from operations of \$29.3 million.

Net loss was \$10.3 million for the quarter ended December 31, 2010, leading to net loss per basic and diluted share of \$0.11, compared to net loss per diluted share of \$0.34 in the same period last fiscal year.

Non-GAAP loss from operations, which adds back stock-based compensation expense and restructuring charges, was \$6.9 million for the second quarter of fiscal 2011, compared to a non-GAAP loss from operations of \$19.7 million in the same period last fiscal year. Non-GAAP net loss was \$8.0 million, or (\$0.09) per share, for the second quarter of fiscal 2011, compared to a non-GAAP net loss of \$21.4 million, or (\$0.24) per share, in the same period last fiscal year. A reconciliation of GAAP to non-GAAP results is included in the financial tables included in this press release.

AspenTech had a cash balance of \$131.6 million at December 31, 2010, an increase of \$8.5 million from the end of the prior quarter. The company generated \$14.8 million in cash flows from operations and invested \$1.5 million in capital expenditures, leading to free cash flow of \$13.3 million for the three months ended December 31, 2010. The company continued to reduce its secured borrowings balance, which was \$66.8 million at the end of the second quarter, down \$4.4 million compared to \$71.2 million at the end of the first quarter of fiscal 2011.

Conference Call and Webcast

AspenTech will host a conference call and webcast today, February 8, 2011, at 4:30 p.m. (Eastern Time), to discuss the company's financial results for the second quarter fiscal year 2011 as well as the company's business outlook. A replay of the call will be archived on AspenTech's [website](#) and will also be available via telephone at (800) 642-1687 or (706) 645-9291, conference ID code 37267908 through February 15, 2011.

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CENIT Releases Preliminary Figures for 2010

10 February 2011

CENIT AG achieved solid results during the 2010 business year. During the first months of 2010, customers were highly cautious due to reduced budgets, and short-time work continued in some CENIT segments. The second half of the year, however, saw a marked increase in customer appetite for investment - with positive effects on overall business. Customers evidently draw confidence from the improved economic conditions and are ready to invest budgets when they are released.

CENIT has posted a clear increase in sales of non-proprietary software, while revenue from consulting

CIMdata PLM Industry Summary

and services is down slightly. Budgeting has been adjusted in line with the current order volume. The positive trend of the past months has continued into January 2011.

According to preliminary, unaudited figures, sales totaled 92.5 m € (2009: 86.5 m € /7%). CENIT achieved EBITDA in the amount of 5.8 m € (2009: 5.3 m € /9%) and EBIT of 4m € (2009: 3.9 m € /3%). The on-year EBITDA increase is diminished by increased write-downs resulting from the acquisition of conunit GmbH. Earnings per share (EPS) attained 0.35 € (2009: 0.34 € /3%). On 31 December 2010, CENIT Group employed 634 staff plus approx. 43 trainees (2009: 647 plus approx. 48 trainees). On the balance-sheet date, equity capital totaled 28.9 m € (2009: 28.1 m €) and bank deposits and short-term securities totaled 14.3 m € (2009: 19.5 m €).

Outlook

CENIT AG has built a solid foundation for continued positive development. To achieve the results targets for the 2011 business year, the enterprise will focus on increased capacity utilization in the services segment and promote demand for CENIT's proprietary software products. Additionally, we aim to expand our process consulting segment. The goal for 2011 is a performance and results increase in the order of 10%. We need to constantly enhance our market position and will therefore continue to invest in new technologies and remain on the lookout for acquisition opportunities in our core business sector.

Detailed results of the 2010 business year as well as the proposal on the appropriation of the net profits will be published together with the approved annual financial statements on 31 March 2011. The figures provided above are preliminary and unaudited consolidated figures within the meaning of IFRS.

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Cimatron Announces its Intention to Register its Shares for Dual Listing on the Tel Aviv Stock Exchange

8 February 2011

Cimatron Limited announced its intention to register its shares for dual listing on the Tel Aviv Stock Exchange.

Dual listing on the Tel Aviv Stock Exchange ("TASE") is allowed under Israeli law without any additional regulatory requirements for companies whose shares are listed on certain exchanges outside of Israel, including the NASDAQ Capital Market.

In order for Cimatron to qualify for the dual listing registration process, it needs to maintain a market capitalization of over NIS 135M for a period of at least 30 days prior to its registration with the TASE, based on the average price of the company's shares in the NASDAQ Capital Market during such period. Cimatron's current market capitalization (based on the current representative exchange rate of 3.676 NIS/\$US) is approximately NIS141.6M (\$US38.5M), and Cimatron has maintained an average market capitalization above the minimum required for 20 consecutive days.

Cimatron's Board of Directors has approved the registration on the TASE, once (and if) Cimatron meets the requirements above.

"We are excited about the possibility of joining the TASE with this new dual listing," said Yossi Ben-Shalom, Chairman of the Board of Directors of Cimatron. "We believe that this step will expand our exposure to the Israeli investment community and will increase the interest in Cimatron among Israel's large and sophisticated institutional investors, as well as provide trading access for European investors

CIMdata PLM Industry Summary

during regular European business hours."

In the event that Cimatron's ordinary shares are registered for dual listing on the Tel Aviv Stock Exchange, such shares will continue to be listed on the NASDAQ Capital Market in the United States, and Cimatron will remain subject to the rules and regulations of NASDAQ and of the U.S. Securities and Exchange Commission.

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Cimatron Reports its Highest-Ever Revenues and Operating Profit in Q4/10

8 February 2011

\$11M in Quarterly Revenues and \$1.7M non-GAAP

Quarterly Operating Profit; Record Revenues in China and South Korea and Strong Growth in North America Lead to Revenues of \$36.1M and non-GAAP Operating Profit of \$3.1M in Full Year 2010

Cimatron Limited announced financial results for the fourth quarter and full year 2010.

Financial highlights

- 2010 new licenses revenue up 30% year-over-year on a constant currency basis
- \$1.6M non-GAAP net profit in Q4/10, an increase of 63% year-over-year
- \$4.8 million positive cash flow from operating activities in 2010, a 275% year-over-year increase
- \$10.2M cash balance at end of 2010
- 32 Cent non-GAAP EPS in 2010

Commenting on the results, Danny Haran, President and Chief Executive Officer of Cimatron, said, "We are very pleased with the record fourth quarter results and the overall strong 2010 results. As the global economic recovery continues, excellent results from key territories have made this possible. As we said many times before, and very well evidenced by the 2010 results, the vast majority of any additional revenues find their way to our bottom line. Early January sales figures suggest the continuation of that momentum into 2011, where we expect further developments, both on the product side and the sales channels", concluded Mr. Haran.

The following provides details on Cimatron's GAAP and non-GAAP results for the fourth quarter and full year 2010:

The financial figures in this press release are unaudited. The Company believes that adjustments, if any, resulting from the audit process would be immaterial. The Company plans to release its audited financial statements for 2010 via a Report on Form 6-K in March 2011.

GAAP:

Revenues for the fourth quarter of 2010 increased 12.8% to \$11.0 million, compared to \$9.8 million recorded in the fourth quarter of 2009. In the full year ended December 31, 2010, revenues increased 9.5% to \$36.1 million, compared to \$33.0 million in 2009.

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Gross Profit for the fourth quarter of 2010 was \$9.4 million as compared to \$8.0 million in the same period in 2009. Gross margin in the fourth quarter of 2010 was 85% of revenues, compared to a gross margin of 82% in the same quarter of 2009. In 2010, gross profit was \$30.2 million, compared to \$26.8 million in the same period of 2009. Gross margin in 2010 was 84% compared to a gross margin of 81% in 2009.

Operating profit in the fourth quarter of 2010 was \$1.4 million, compared to an operating profit of \$0.8 million in the fourth quarter of 2009, an increase of 82%. In 2010, Cimatron recorded an operating profit of \$2.1 million, compared to an operating loss of \$(1.0) million in 2009.

Net Profit for the fourth quarter of 2010 was \$1.1 million, or \$0.12 per diluted share, compared to a net profit of \$1.4 million, or \$0.15 per diluted share recorded in the same quarter of 2009. In 2010 net profit was \$1.6 million, or \$0.18 per diluted share, compared to a net profit of \$14 thousand, or \$0.00 per diluted share, in 2009.

Non-GAAP:

Revenues for the fourth quarter of 2010 increased 12.8% to \$11.0 million, compared to \$9.8 million recorded in the fourth quarter of 2009. In the full year ended December 31, 2010, revenues increased 9.5% to \$36.1 million, compared to \$33.0 million in 2009.

Gross Profit for the fourth quarter of 2010 was \$9.5 million as compared to \$8.2 million in the same period in 2009. Gross margin in the fourth quarter of 2010 was 86% of revenues, compared to a gross margin of 84% in the same quarter of 2009. In 2010, gross profit was \$30.8 million, compared to \$27.4 million in 2009. Gross margin in 2010 was 85%, compared to 83% in 2009.

Operating Profit in the fourth quarter of 2010 was \$1.7 million, compared to an operating profit of \$1.0 million in the fourth quarter of 2009, an increase of 62%. In 2010, Cimatron reports an operating profit of \$3.1 million, compared to operating profit of \$31 thousand in 2009.

Net profit for the fourth quarter of 2010 increased 63% to \$1.6 million, or \$0.17 per diluted share, compared to a net profit of \$1.0 million, or \$0.10 per diluted share recorded in the same quarter of 2009.

In 2010, net profit increased to \$2.9 million, or \$0.32 per diluted share, compared to a net profit of \$46 thousand, or \$0.01 per diluted share, in 2009.

Conference Call

Cimatron's management will host a conference call today, February 8th, 2011 at 9:00 EST, 16:00 Israel time. On the call, management will review and discuss the results, and will answer questions by investors.

To participate, please call one of the following teleconferencing numbers. Please begin placing your call at least 5 minutes before the conference call commences.

USA: +1-888-407-2553

International: +972-3-9180610

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Israel: 03-9180610

For those unable to listen to the live call, a replay of the call will be available from the day after the call at the investor relations section of Cimatron's website, at: <http://www.cimatron.com>

Reconciliation between results on a GAAP and Non-GAAP basis is provided in a table immediately following the Consolidated Statements of Income included herein. Non-GAAP financial measures consist of GAAP financial measures adjusted to include recognition of deferred revenues of acquired companies and to exclude amortization of acquired intangible assets and deferred income tax, as well as certain business combination accounting entries. The purpose of such adjustments is to give an indication of our performance exclusive of non-cash charges and other items that are considered by management to be outside of our core operating results. Our non-GAAP financial measures are not meant to be considered in isolation or as a substitute for comparable GAAP measures, and should be read in conjunction with our consolidated financial statements prepared in accordance with GAAP.

Our management regularly uses our supplemental non-GAAP financial measures internally to understand, manage and evaluate our business and make operating decisions. We believe that these non-GAAP measures help investors to understand our current and future operating performance, especially as our two most recent acquisitions have resulted in amortization and non-cash items that have had a material impact on our GAAP results. These non-GAAP financial measures may differ materially from the non-GAAP financial measures used by other companies.

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CONTACT Software Continuing on the Road to Success; Considerable Growth in 2010 and Very Good Prospects for 2011

9 February 2011

CONTACT Software announced significant increases in turnover and returns – also due to extraordinary items – for the past fiscal year 2010. This means that profits from operations calculated on 31/12/2010 will be about 3 million euro compared to 2.56 million euro in 2009. "This is an extremely positive development for us," says the managing director of CONTACT Karl Heinz Zachries. "We are grateful and also somewhat proud that our customers in the past two years have continued to put their trust in us and our products to a considerable extent despite the difficult economic situation." CONTACT, the solutions provider for collaborative product development, product data management (PDM) and product lifecycle management (PLM), has recorded constant growth over the last ten years, which can also be seen in the increased number of new employees: in the past year, CONTACT's workforce grew by a total of 20 employees.

With regard to its new product and brand strategy and the good economic situation, CONTACT expects this upward trend to continue in this current fiscal year (2011). "The volume of orders we have on hand today extends right into 2012, making reliable planning and growth in all areas possible for us. In view of this, we are planning to recruit another 20 to 30 new employees and place our new Workspaces and Project Office products strategically on the market," Zachries explains.

CONTACT sees itself in an excellent position, particularly thanks to its new three-brand strategy: the CIM DATABASE PDM/PLM platform, the Project Office software for project management, and the Workspaces CAD data management and collaboration solution for enhancing cooperation in product

CIMdata PLM Industry Summary

development. "The extension of our product portfolio makes it possible, for example, to use Workspaces independently of CIM DATABASE, our own PDM/PLM system. Many companies are satisfied with their PDM systems. However, they must share CAD data with their partners and map a complex DMU process, for example. In such environments, we can position ourselves perfectly with Workspaces, while customers at the same time can build up on their existing investments in PDM", says the managing director of CONTACT.

Mr. Zachries expects additional impulses for growth through the heightened international activities of his company. "We have been gaining our first projects in the USA, India, China, Italy and Turkey. We are aiming to be successful outside the German-speaking regions across all continents in the next five years".

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Dassault Systèmes Reports Strong Growth in Revenue, Earnings and Operating Margin for 2010

10 February 2011

Dassault Systèmes reports IFRS unaudited financial results for the fourth quarter and year ended December 31, 2010. These results were reviewed by the Company's Board of Directors on February 9, 2011.

Summary Highlights

Reached all 2010 objectives

2010 revenue growth in constant currencies of 20% to €1.56 billion (IFRS) and 21% to €1.58

2010 new licenses revenue up 30% (IFRS and non-IFRS) in constant currencies

2010 EPS growth of 27% to €1.82 (IFRS) and 34% to €2.50 (non-IFRS)

Net operating cash flow of €408 million for 2010

Strong sales channels performances and successful integration of IBM PLM

Over 16,000 new customers in 2010

Fourth Quarter Financial Summary

(unaudited)

In millions of Euros, except per share data

IFRS

Non-IFRS

Change **Change in**
_____ **cc*** **_____**

Change **Change in**
_____ **cc*** **_____**

CIMdata PLM Industry Summary

Q4 Total Revenue	462.7	36%	29%	467.3	38%	31%
Q4 Software Revenue	418.2	39%	32%	422.8	40%	33%
Q4 EPS	0.64	(2%)		0.83	22%	
Q4 Operating Margin	27.0%			33.9%		

*In constant currencies.

“In short, we had an outstanding finish to a great year. Our sales pipeline entering the fourth quarter strengthened further, leading to new licenses revenue growth of 33% in constant currencies, with all our brands and sales channels contributing to this outperformance. We had a very good level of Version 6 wins in the quarter with both new and existing customers and see an important inflection point ahead in the adoption of our Version 6 PLM 2 applications,” commented Bernard Charlès, Dassault Systèmes President and Chief Executive Officer.

“Dassault Systèmes’ full year financial performance was equally strong. New licenses revenue increased 30% in constant currencies, clearly demonstrating the success of the IBM PLM integration, and non-IFRS earnings per diluted share rose 34% with our non-IFRS operating margin reaching 28.6%. These results highlight the broad interest in our product offer with each of our brands delivering double-digit software growth, our progress in industry diversification, with a robust year in high tech and energy in particular, and good growth in automotive and industrial equipment.”

“To date, more than 600 companies have adopted PLM 2 with our Version 6 for many reasons, and key among these, are the attractiveness of its online features, its real-time collaboration capabilities and the creation, management and protection of intellectual property which Version 6 enables. We are expanding into new domains such as embedded system management with Version 6. In this regard, we were pleased to announce today that BMW has selected Version 6 as its new platform for Embedded Systems architecture, integration and design. In fact, our customers tell us that the best way for them to power open collaboration between suppliers and partners, while protecting intellectual property, is PLM 2 with Version 6.”

“In 2011, we plan to drive even more diversification and expansion into all sectors of the global economy through our search-based applications (SBA) and our focus on innovation through communities. And, as our financial objectives indicate, 2011 should be another year of strong performance with double-digit growth in new licenses revenue.”

Dassault Systèmes completed the acquisition of the IBM PLM operations on March 31, 2010 and these operations were merged into the Company’s operations within its PLM business segment for the nine-month period commencing April 1, 2010. Due to the successful integration of former IBM PLM employees into the Company’s operations, involving many changes in sales territories and responsibilities, it is not possible to track the IBM PLM revenue and profit since the acquisition date. As previously disclosed, the IBM PLM share of Dassault Systèmes software revenue was estimated at approximately €53 million in the 2009 fourth quarter and €151 million for the April to December 2009 nine-month period.

Fourth Quarter 2010 Financial Review

(unaudited)

CIMdata PLM Industry Summary

In millions of Euros	IFRS			Non-IFRS		
	Q4 2010	Q4 2009	Change in cc*	Q4 2010	Q4 2009	Change in cc*
Total Revenue	462.7	339.0	29%	467.3	339.1	31%
Software Revenue	418.2	301.1	32%	422.8	301.2	33%
Services and other Revenue	44.5	37.9	11%	44.5	37.9	11%
PLM software Revenue	335.4	237.1	34%	340.0	237.2	36%
Mainstream 3D software Revenue	82.8	64.0	22%	82.8	64.0	22%
Americas	132.3	103.3	18%	134.1	103.3	19%
Europe	215.3	160.9	33%	218.7	161.0	35%
Asia	115.1	74.8	36%	114.5	74.8	36%

*In constant currencies.

- IFRS and non-IFRS total revenue increased 29% and 31%, respectively, principally reflecting software revenue growth of 32% and 33%, respectively (all figures in constant currencies).
 - IFRS and non-IFRS new license revenue increased 33% in constant currencies on strong contributions from the Company's sales channels and brands.
 - IFRS and non-IFRS recurring software revenue grew 31% and 33%, respectively, in constant currencies. The growth in recurring software revenue reflected a further improvement in subscription revenue trends and the higher level of new business activity during 2010 compared to 2009. Approximately €11 million of 2010 fourth quarter non-IFRS recurring software revenue related to maintenance reinstatements and other similar one-time adjustments.
 - Services and other revenue (IFRS and non-IFRS) contributed to the growth in total revenue increasing 11% in constant currencies.
 - IFRS PLM software revenue grew 34% in constant currencies. Non-IFRS PLM software revenue increased 36%, with CATIA software revenue higher by 43%, ENOVIA by 32% and Other PLM by 21% (all figures in constant currencies).
 - Mainstream 3D (IFRS and non-IFRS) software revenue increased 22% in constant currencies. New SolidWorks commercial seats licensed increased 22% to 11,983 seats in the fourth quarter.
 - While IFRS operating income increased 36% in the fourth quarter, IFRS earnings per diluted share decreased 2% principally reflecting a lower tax rate in the year-ago period related to non-recurring tax benefits. Non-IFRS earnings per diluted share increased 22% to €0.83 principally reflecting a 43% increase in operating income. The IFRS operating margin was 27.0% in the 2010 fourth quarter. The non-IFRS operating margin increased to 33.9% from 32.6% in the 2009 fourth quarter.
- 2010 Financial Summary
(unaudited)

CIMdata PLM Industry Summary

In millions of Euros,
except per share data

	IFRS			Non-IFRS		
		Change	Change in cc*		Change	Change in cc*
FY 2010 Total Revenue	1,563.8	25%	20%	1,580.0	26%	21%
FY 2010 Software Revenue	1,411.0	28%	23%	1,427.2	30%	24%
FY 2010 EPS	1.82	27%		2.50	34%	
FY 2010 Operating Margin	20.6%			28.6%		

*In constant currencies.

In millions of Euros

	IFRS			Non-IFRS		
	FY 2010	FY 2009	Change in cc*	FY 2010	FY 2009	Change in cc*
Total Revenue	1,563.8	1,251.3	20%	1,580.0	1,252.8	21%
Software Revenue	1,411.0	1,099.8	23%	1,427.2	1,101.3	24%
Services and other Revenue	152.8	151.5	(3%)	152.8	151.5	(3%)
PLM software Revenue	1,099.5	839.0	26%	1,115.7	840.5	27%
Mainstream 3D software Revenue	311.5	260.8	15%	311.5	260.8	15%
Americas	456.5	386.3	12%	461.8	386.9	13%
Europe	702.9	577.5	21%	709.2	577.7	22%
Asia	404.4	287.5	27%	409.0	288.2	28%

*In constant currencies.

- IFRS and non-IFRS total revenue increased 20% and 21%, respectively, on software revenue growth of 23% and 24%, respectively, all figures in constant currencies. The Company saw a positive dynamic in the target industries, and growth in investments by automotive and industrial equipment companies compared to 2009. By geographic region and in constant currencies, Europe represented approximately 45% of total revenues, the Americas 29% and Asia 26%.

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- New licenses revenue (IFRS and non-IFRS) increased 30% in constant currencies well supported by the performances of each of the Company's six brands.
- Recurring software revenue increased 21% (IFRS) and 23% (non-IFRS) in constant currencies and represented approximately 72% of total software revenue in 2010 compared to 73% in 2009.
- Services and other revenue (IFRS and non-IFRS) increased in the second half of 2010 but for the year decreased 3% in constant currencies reflecting the lower software activity in 2009.
- PLM IFRS software revenue increased 26%. PLM non-IFRS software revenue rose 27% with CATIA up 31%, ENOVIA up 29% and Other PLM higher by 16% (all figures in constant currencies).
- Mainstream 3D reported record software revenue of €311.5 million (IFRS and non-IFRS), with new SolidWorks commercial seats licensed up 18% to 42,205 seats, accompanied by strong sales of its product data management and simulation software. Total SolidWorks commercial and educational seats sold surpassed 1.5 million seats at the end of 2010.
- Operating income increased 39.4% to €322.0 million (IFRS) and 44.0% to €451.7 million (non-IFRS). The non-IFRS operating margin was well in line with the Company's objective, increasing to 28.6% for 2010 compared to 25.0% in 2009, reflecting operating leverage. The operating margin also benefited from currency exchange rates and from the impact of a change in tax law that resulted in the classification as income tax of certain French taxes previously accounted for as operating expenses.
- Net income per diluted share increased 27.3% to €1.82 (IFRS) and 34.4% to €2.50 (non-IFRS) per share on strong operating income growth. Cash Flow and Other Financial Highlights

IFRS net operating cash flow was €408.3 million for 2010, compared to €297.9 million for 2009.

The Company's net financial position was €845.7 million at December 31, 2010, compared to a net financial position of €858.0 million at December 31, 2009. The Company's cash and short-term investments and long-term debt were €1.14 billion and €293.4 million, respectively at December 31, 2010 compared to €1.06 billion and €200.0 million, respectively at the end of 2009. For 2010, the Company's principal uses of cash included cash acquisitions totaling €462.5 million, net of cash acquired and cash dividends of €54.5 million.

Business and Corporate Highlights

Premium German Automaker, BMW, Implements Dassault Systèmes' V6 PLM Solutions as New Platform for Embedded Systems Architecture, Integration and Design. In a separate press release issued today, Dassault Systèmes announced that BMW has selected its V6 PLM Solutions to develop the future electrical, electronics and embedded software (E/E) architecture of BMW cars to thousands of engineers.

CIMdata PLM Industry Summary

ENOVIA V6 Collaborative Innovation Solution is Helping LG Electronics to Enhance and Integrate Collaboration and Product Data Management. On November 3, 2010 Dassault Systèmes announced that LG Electronics (LG) has successfully adopted Dassault Systèmes' ENOVIA V6 solution. Designed to enhance and integrate collaboration and product data management, LG's Mobile Communications (MC) Company's deployment of ENOVIA V6 has been implemented in its R&D, manufacturing and purchasing processes by LG CNS, an IT consulting and Solutions Company, and Dassault Systèmes. Starting with LG's MC business unit, ENOVIA V6 will be implemented enterprise-wide to support the entire product development process.

Bell Helicopter Improves Collaboration and Time-to-Market with Dassault Systèmes V6 PLM Platform. On November 9, 2010 Dassault Systèmes announced that Bell Helicopter, a Textron company, is using its V6 PLM platform to improve collaboration and decrease the amount of time it takes to bring a new helicopter to market. As part of an effort to improve business processes and update systems across the company, Bell Helicopter is leveraging Dassault Systèmes' full range of brands, including ENOVIA V6, CATIA V6, DELMIA V6, 3DVIA V6, and SIMULIA V6. The project will eventually be deployed to 6,000 users.

Apparel Manufacturer Mammot Sports Group AG Adopts Dassault Systèmes' ENOVIA V6 Solution. On November 18, 2010 Dassault Systèmes announced that Switzerland-based Mammot Sports Group AG has selected Dassault Systèmes' ENOVIA V6 solution to manage its development processes from initial product design through to sourcing, manufacturing and sales. The company needed to group information related to all its products in one database and replace manual, time-consuming methods for data search and consolidation that left room for error when communicating internally and with external suppliers.

Ran-tech Engineering & Aerospace, an Aerospace and Defense Part Supplier to Airbus and Boeing, is utilizing Dassault Systèmes' V6 platform to manufacture parts, design fixtures and collaborate throughout the company. On December 15, 2010 Dassault Systèmes announced that Ran-tech will be utilizing DELMIA V6 Machining solutions to virtually create and control all production processes and CATIA V6 Design for innovative product authoring.

Dassault Systèmes Reinforces its Field Operations with Jeff Ray promoted to Executive Vice President, Geography Operations, Newly Created Position. On January 5, 2011 Dassault Systèmes announced that Jeff Ray, formerly SolidWorks CEO, will oversee the company's geographies in order to empower the Dassault Systèmes local teams to serve customers' and partners' growing needs and fully exploit the market growth potential. In tandem, Bertrand Sicot has been named SolidWorks CEO. These changes were effective as of January 5, 2011.

Dassault Systèmes Five-Year Financial Objectives Outlined at Capital Markets Day on June 15, 2010. Dassault Systèmes publicly outlined its growth plan targeting a five-year goal to more than double non-IFRS EPS in comparison to 2009. The presentations and webcasts are available on Dassault Systèmes website at <http://www.3ds.com/company/finance/overview>.

Business Outlook

CIMdata PLM Industry Summary

Thibault de Tersant, Senior Executive Vice President and CFO, commented, *“During 2010 we achieved all our key financial and business objectives. It was a year of good execution, with the integration of IBM PLM, the expansion of our addressable markets with the acquisitions of Exalead in search-based applications and Geensoft for embedded systems management, and the investments in strengthening our infrastructure and all our teams, with our employee base growing 15% in 2010. With these results, we had a promising start for our five-year financial objectives.*

“Working with customers in more than 80 countries across a diverse set of industries, Dassault Systèmes has a strong global presence. We are also focused on continuing to develop our local teams to serve our customers and are already well positioned thanks to the extraordinary value brought by our employees, representing more than 90 different nationalities, and to the leadership of Jeff Ray who was recently appointed to lead Geography Operations.

“Looking forward, both our fourth quarter sales as well as the pipeline of opportunities we have entering 2011 support our view of a pattern of progressive improvement in customer investments. At the same time, we believe the overall global economic environment could continue to be volatile. Taking into account these factors, we are targeting new license revenue growth of about 15% in constant currencies, a healthy increase in our recurring revenue, even with the important level of one-time maintenance recoveries we had in 2010, and further improvement of our operating margin.”

The Company’s initial 2011 financial objectives are the following:

- First quarter 2011 non-IFRS total revenue objective of about €390 to €400 million, non-IFRS operating margin of about 25% to 26% and non-IFRS EPS of about €0.53 to €0.57;
- 2011 non-IFRS revenue growth objective range of about 9% to 11% in constant currencies; (€1.68 to €1.71 billion based upon the 2011 currency exchange rate assumptions below);
- 2011 non-IFRS operating margin of about 29.0%;
- 2011 non-IFRS EPS range of about €2.64 to €2.75, representing growth of about 6% to 10%;
- Objectives are based upon exchange rate assumptions for the 2011 first quarter and full year of US\$1.40 per €1.00 and JPY120 per €1.00.
- The Company noted that in preparing its revenue growth objectives it took into account the fact that approximately €11 million of 2010 fourth quarter non-IFRS recurring software revenue related to maintenance reinstatements and other similar one-time adjustments. The Company’s objectives are prepared and communicated only on a non-IFRS basis and are subject to the cautionary statement set forth below.

The non-IFRS objectives set forth above do not take into account the following accounting elements and are estimated based upon the 2011 currency exchange rates above: deferred revenue write-downs estimated at approximately €1 million for 2011; share-based compensation expense estimated at

CIMdata PLM Industry Summary

approximately €15 million for 2011 and amortization of acquired intangibles estimated at approximately €80 million for 2011. The above objectives do not include any impact from other operating income and expense, net principally comprised of, acquisition, integration and restructuring expenses. These estimates do not include any new stock option or share grants, or any new acquisitions or restructurings completed after February 10, 2011.

Webcast and Conference Call Information

Dassault Systèmes will first host a meeting in Paris which will be webcasted and then host a conference call today, Thursday, February 10, 2011. The webcast and conference call will be available via the Internet by accessing <http://www.3ds.com/company/finance/>. The webcast and conference call will be archived for 30 days.

Additional investor information can be accessed at <http://www.3ds.com/company/finance/> or by calling Dassault Systèmes' Investor Relations at 33.1.61.62.69.24.

Information in Constant Currencies

When the Company believes it would be helpful for understanding trends in its business, the Company provides percentage increases or decreases in its revenue (in both IFRS as well as non-IFRS) to eliminate the effect of changes in currency values, particularly the U.S. dollar and the Japanese yen, relative to the euro. When trend information is expressed herein "in constant currencies", the results of the "current" period have first been recalculated using the average exchange rates of the comparable period in the preceding year, and then compared with the results of the comparable period in the preceding year.

To access the unabridged press release with financial tables, please click [HERE](#).

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IFS Reports Improved EBIT and Continued Profitable Growth

9 February 2011

- IFS improved EBIT margin by 14%,
- Saw growth in target markets
- Delivered new products in 2010.

Strong increase in cash flow supports stronger pace of acquisitions going forward. For 2011, IFS expects good organic growth, stronger license sales and a continued improvement in EBIT.

IFS is well positioned to benefit from this upturn thanks to its market strategy and world-class customers, providing a full order book of active projects. Acquisitions will continue to be a high priority for IFS in 2011 and are expected to become an increasingly more significant activity within the business. The long-term target to achieve an EBIT margin of 15% in 2013 remains in place, Alastair Sorbie, IFS CEO said.

The acquisition of 360 Scheduling, a market-leading complementary product that further strengthens

CIMdata PLM Industry Summary

IFS's Service Management offering, was a clear demonstration of IFS executing on its growth strategy. Thanks to IFS's international sales coverage, this product now gets a far wider reach, attracting interest from both customers and prospects. IFS will increase the pace of acquisitions in 2011, supported in this goal by the strong increase in net cash flow.

2010 financial highlights:

- EBIT increased 14% adjusted for currency (SKr 221 million/'09: SKr 198 million).
- Net revenue was up 4% adjusted for currency (SKr 2,585 million/'09: SKr 2,605 million).
- Cash flow after investments was SKr 234 million ('09: SKr 186 million).
- Earnings per share after full dilution amounted to SKr 4.96 ('09: SKr 4.57).
- Proposed dividend for 2010 amounting to SKr 3.00 per share (2009: SKr 2.00).

2010 major agreements:

- U.S. ARMY – defence, USA
- Technip Engineering – EPCI* Contractor, France
- Tomra systems – manufacturing, Norway
- William Grant – process industries, United Kingdom

For more contract news, please visit www.ifsworld.com/news

2010 product development highlights:

- IFS Labs, a new functional unit within IFS R&D, presented the first concepts, aimed at improving collaboration and communication as well as information and knowledge capture in a user-friendly way.
- IFS Virtual Map™, a new Software plus Service solution for Service management, was launched. The solution integrates IFS Applications ERP with the cloud service Microsoft Bing Maps.
- IFS Trade Management 2.0, designed to give IFS's customers with multi-country business-supply chains improved functionality and control, was delivered to customers.
- IFS PBS 3.0, IFS's latest project-based solutions software was finalized, offering all the benefits of a fully integrated ERP suite with specialist functionality for project control, project financial control, and project materials management.

In 2011, we will finalize the next generation of IFS Applications, starting implementations at early adopter customers now. We are confident that this, combined with our agile methodology allowing more regular delivery of new products, will enable higher product revenue for the company going forward. We also acknowledge the importance of building a strong culture consisting of highly competent and committed employees, and were pleased to see Great Place to Work® Institute Sweden named IFS one of the 10 best companies to work for, Alastair Sorbie said.

*EPCI= Engineering, Procurement, Construction, Installation

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Knovel Doubles New Business Growth in 2010

8 February 2011

CIMdata PLM Industry Summary

[Knovel](#) announced it doubled new business revenue in 2010 and annual subscription renewal rates continue to exceed 90 percent. Knovel's sustained year-over-year growth will fuel expansion in 2011. The company plans to hire more than 20 new employees this year.

In 2010, Knovel celebrated its 10-year anniversary by expanding its content roster with the addition of two new subject areas, creating four key essential packages and welcoming 10 new publishing partners. A pioneer in the field of online, interactive publishing, Knovel has and continues to transform the way engineers find and use technical reference information. Over the years, Knovel has been able to help engineers cut down the time it takes to research projects by offering its users interactive data and a tight integration of three key elements – validated content, optimized search and data analysis tools.

As the experienced baby-boomer engineers begin to retire, the manufacturing industry is challenged to replenish and educate the raw talent of the next generation. To do this, the next generation of engineers must have access to the most reliable training, resources and tools to remain cutting edge. Companies, like Knovel, are innovating to meet this need in order to support and drive the current and up-and-coming generation of engineers.

Knovel's 2010 Highlights Include:

- **Expansion of Content and Publisher Base:** In 2010, Knovel grew the content of its existing subject areas in excess of 17 percent, added 10 new publishing partners and introduced two new subject areas. Knovel incorporated thousands of new interactive tables, graphs and equations bringing the total to nearly 70,000. Knovel also worked closely with key engineering societies and publishing partners, including ASM International, ASME, American Water Works Association (AWWA), SPIE and Chemical Publishing, to ensure its users – 600 companies worldwide and more than 300 leading universities – have access to the most trusted resources available.
- **New Chairman to Knovel's Board of Directors:** In September 2010, Richard J. Harrington, General Partner of Cue Ball Capital and the former CEO of the Thomson Corporation, now Thomson Reuters, joined Knovel's Board of Directors alongside luminaries from Technology, Publishing and Investment Industries.
- **Challenging the Next-Gen Engineer:** This year, a record number of students competed in Knovel's annual University Challenge, a competition that requires students to use Knovel's online technical references and interactive tools to correctly answer engineering questions across multiple disciplines. Knovel is also a team sponsor of the Department of Energy's Solar Decathlon. These programs foster competition and provide students with enhanced training, hands-on learning experiences and problem-solving skills.

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[Lectra] 2010: An Outstanding Year, with Record Financial Performance in Future

10 February 2011

Revenues: €190.3 million (+20%)(*)

- Income from operations before non-recurring items: €22.8 million
- Net income: €15.6 million
- Free Cash flow: €44.4 million

CIMdata PLM Industry Summary

- Net financial borrowing down to €2.4 million
- Dividend: €0.18 per share

(*) like-for-like

Today, Lectra's Board of Directors, chaired by André Harari, reviewed the consolidated financial statements for the full year 2010. Audit procedures have been applied to these financial statements; the statutory auditors' certification report will be issued after the Board of Directors meeting on March 1, 2011.

(Detailed comparisons between 2010 and 2009 are like-for-like.)

Q4 2010

Financial Results Rise Sharply, Exceeding the Company's Expectations

Orders for new software licenses and CAD/CAM equipment (€22.1 million) were up 18% like-for-like and 24% at actual exchange rates compared to Q4 2009.

As forecast, the rise was more moderate than the increase registered in the first nine months of 2010 (+69%), Q4 2009 orders had already rebounded by 70% relative to the average for the first three quarters of 2009.

Revenues totaled €50.3 million, up 13% relative to Q4 2009—up 18% at actual exchange rates.

Revenues from new systems sales (€22.6 million) were up 23%. Recurring revenues (€27.7 million) rose by 6%, which represents both a 4% decrease in revenues from recurring contracts and a 25% increase in revenues from spare parts and consumables.

Income from operations before non-recurring items amounted to €6.3 million.

Revenues and income from operations before non-recurring items exceed by €4.3 million and €1.9 million, respectively, the latest expectations, twice revised upward, which were published on October 28, 2010.

At 12.4%, the operating margin before non-recurring items increased by 4.5 percentage points.

The new initiatives to optimize the company's resources add up to a non-recurring charge of €1.1 million. Consequently, after accounting for non-recurring charges, income from operations amounted to €5.2 million.

Net income was €3.6 million – up €3 million at actual exchange rates.

Cash Flow at an Exceptionally High Level

Including the €15.1 million received on October 7 from calls on the bank guarantees relating to the Induyco litigation, free cash flow was exceptionally high, at €22.2 million.

2010

On the strength of its technology and service offer, the company benefited fully from improving macroeconomic conditions in most of its geographies and market segments.

Emerging Countries Have Rebounded Faster and are close to their Pre-Crisis Levels

Overall, orders for new software licenses and CAD/CAM equipment (€78.7 million) are up 51% like-for-like relative to 2009. Orders for new software licenses increased by 34%, and those for CAD/CAM

equipment were up 60%.

Despite this sharp rise, orders are still down 30% compared to 2007, the last year before the onset of the crisis.

Orders booked in the Asia-Pacific region jumped 100% (123% in China); in the Americas they rose 44%; and they rose 27% in Europe, where certain countries are still suffering the effects of the crisis. Overall, growth was driven by the emerging countries, where orders now only lag behind their 2007 levels by 10%. By contrast, in developed countries as a whole, orders still lag behind 2007 levels by 40%.

All market sectors—fashion, automotive, furniture, and other industries—contributed to this rebound in orders. The automotive sector registered the strongest upturn, with an increase of 115%.

Revenues Up Sharply

After falling steeply in 2008 and 2009, revenues for 2010 totaled €190.3 million, up 20% like-for-like, and 24% at actual exchange rates.

Overall, revenues from new systems sales (€84.5 million) increased by 44% and represented 44% of total revenues (37% in 2009). This 7 percentage point increase in their relative share in total revenues reflects a return to buoyant sales activity.

Recurring revenues (€105.8 million) increased by €5.6 million (+6%), with a decrease of 4% in revenues from recurring contracts and an increase of 27% in revenues from spare parts and consumables. The latter registered a record €40.2 million, reflecting the growth in production volumes at Lectra's customers.

Revenues from new systems sales regained their position as Lectra's growth driver in 2010, after the two-year crisis period from 2008 to 2009, during which time recurring revenues demonstrated their key role as an essential stabilizing factor and as a cushion for the company.

The order backlog for new software licenses and CAD/CAM equipment (€18.5 million) at December 31, 2010, increased by €5.6 million relative to December 31, 2009.

Income from Operations Up Very Sharply—Operating Margin Reaches A New Historic High

The overall gross profit margin worked out to 71.5%. Like-for-like, it was up 0.1 percentage point relative to the 2009 figure.

Changes in the product mix led to a rise in the share of revenues from CAD/CAM equipment and spare parts and consumables in total activity. Because their specific margins are lower than margins on the other revenue components, this should have led mechanically to a decrease in the overall gross profit margin. However, this impact was more than offset by the sharp increase in gross profit margins, like-for-like, for each product line, for CAD/CAM equipment in particular. This once again demonstrates the competitiveness and high added value of Lectra's offer.

Thanks to cost-cutting measures implemented in 2009, fixed overheads costs dropped €7.7 million (-7%), down to €100.5 million.

Income from operations before non-recurring items (€22.8 million) was up €22.1 million like-for-like. At actual exchange rates, it improved by €25.6 million, relative to the €2.8 million loss in 2009, while revenues increased €37.1 million. The increase in income from operations before non-recurring items therefore represents close to 70% of the increase in revenues, a noteworthy performance.

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At 12.0%, the operating margin set a new record. Like-for-like, it increased 12.3 percentage points compared to the negative margin of 1.8% in 2009. This beats the previous historic high of 10%, in 2000, even though the euro/dollar parity was far more favorable in 2000 (\$0.92/€1) than in 2010 (\$1.33/€1).

Comparison with 2007 illustrates the improvement in the company's operating ratios during the crisis years. Like-for-like, despite a €32 million (-15%) decline in revenues—mainly due to weaker sales of new systems, the decline in recurring revenues being limited to 1%—income from operations before non-recurring items rose 80% to €8.8 million, thanks to a 3.9 percentage point increase in gross margin and a €25 million (-20%) fall in fixed overhead costs.

Income from operations, after accounting for non-recurring items, amounted to €25.1 million.

Record Net income and Free Cash Flow—Sharp Reduction in Net Debt Transforms the Company's Balance Sheet

Net income was €15.6 million, an increase of €19.3 million at actual exchange rates compared to the net loss of €3.6 million in 2009. Excluding the impact of non-recurring items, net income would have amounted to €14.2 million.

Before non-recurring items, free cash flow amounted to €30 million. Leaving aside the impact of the rise in income, this excellent free cash flow performance stems in particular from a further reduction in working capital requirement and reflects the strength of Lectra's business model.

After a net non-recurring income of €14.4 million, free cash flow amounted to €44.4 million.

The September 20, 2010, decision issued by the Madrid Court of Appeals, permitted Lectra to call on the first demand bank guarantees granted by Induyco and enabled Lectra to receive €15.1 million on October 7. In the 2010 consolidated financial statements, this receipt resulted in a €6.1 million reduction in goodwill and a net non-recurring gain of €3.3 million. The balance (€10.7 million) still due by Induyco of the total award (€25.8 million at December 31, 2010) has not been recorded in the financial statements.

Lectra filed a procedure of exequatur before the Madrid Court of First Instance at the end of December, in order to enforce in Spain the arbitral award and recover the amounts still due by Induyco.

Free cash flow generated has reduced net financial borrowings by €45.4 million to €2.4 million at December 31, 2010, compared to €47.8 million at December 31, 2009, whereas consolidated shareholders' equity increased by €17.3 million to €42 million.

Dividend Payment Policy Resumes

In light of the company's excellent performance in 2010, and confirming its confidence in the future, the Board of Directors will propose to resume its policy of dividend payments, and to declare a dividend of €0.18 per share in respect of 2010 at the upcoming Shareholders' Meeting, representing a 20% increase on the most recent dividend paid in respect of fiscal year 2006. The dividend will be made payable on May 10, 2011.

2011 Outlook

The macroeconomic context improved in 2010, but pre-crisis conditions have not returned. The situation remains disparate across the different regions and market sectors.

The strategic plan formulated at the end of 2009 amply proved its pertinence in 2010. Today, its overriding objectives remain unchanged, namely to accentuate Lectra's technological leadership and the

CIMdata PLM Industry Summary

high added value of its products and services; to strengthen its competitive position and its long-term relationships with customers; to accelerate organic growth once the crisis is definitely over; to boost its profitability by regularly increasing its operating margin; and to generate free cash flow in excess of net income (assuming utilization or receipt of the (French) research tax credit recognized in the year).

The first priority is to restore revenues from new systems sales to their pre-crisis level, before the end of 2012 if possible, putting the company back on a dynamic and sustainable growth path.

All analysts agree that the recovery remains fragile, and a further deterioration in the economic and monetary situation is still possible, especially in Europe and the United States. Visibility is still poor and uncertainties persist, demanding caution and vigilance once again this year. Given these conditions, it is difficult for the company to make precise forecasts.

The company nevertheless enters 2011 having bolstered its key operating ratios, having radically transformed its balance sheet, and with a strong order backlog. The 2011 action plan seeks to preserve the sales momentum restored since the end of 2009, an operating margin equal to or greater than that of 2010, and significant free cash flow generation. As in prior years, the main uncertainty concerns the level of revenues from new systems sales. Given the very strong rebound in sales activity, together with the outstanding results and free cash flow registered in 2010, the basis of comparison for 2011 is high, which will necessarily result in slower growth rates.

Assuming the economic recovery continues at its present pace and generates a 20% growth in revenues from new systems sales, revenues should grow by 10% to around €207 million, and income from operations before non-recurring items should rise by 30% to approximately €28.5 million, thereby generating a 2 percentage point increase in operating margin before non-recurring items, to nearly 14%. In that case, net income would be close to €18 million (+27% at actual exchange rates relative to the 2010 figure, restated for non-recurring items). That would yield a basic net earnings per share of approximately €0.63.

In this hypothesis, therefore, revenues would continue to lag behind the 2007 figure by €10 million (-4%), but income from operations, on the other hand, would be multiplied by 2.5, testifying to the improvement in the company's key operating ratios in the midst of the crisis.

This may be considered a reasonable assumption on which to build the central scenario for 2011, the company's aim being nonetheless to achieve higher growth. For every €1 million in revenues from new systems sales added to or subtracted from the corresponding figure of the central scenario, the resulting income from operations would vary accordingly by approximately €0.45 million.

In this central scenario, free cash flow is expected to come to around €14 million.

If economic conditions worsen, with orders for new systems remaining flat, revenues would rise by 4% to €195 million. Income from operations before non-recurring items would come to around €24 million (+10%), thereby maintaining the operating margin before non-recurring items at 12%. Net income would come to approximately €15 million, up 7% relative to the 2010 figure restated for non-recurring items.

These figures are based on an average parity of \$1.35/€1 and like-for-like variations calculated by comparison with 2010 results translated at 2011 exchange rates.

The company expects to become net cash positive in 2011. Moreover, receipt of the €10.7 million outstanding in respect of the damages awarded to the company by the international arbitral tribunal would strengthen the company's financial position correspondingly. The company's present aim is to

preserve its cash in order to finance its organic growth.

As the 2010 rebound showed, once the crisis is definitely over, firms in the different geographies and market sectors served by the company will need to accelerate their investment plans or make good the investments either frozen or postponed over the last three years, and to acquire the technologies necessary to boost their competitiveness. The crisis has amplified the challenges they face.

Bolstered by its results, the company is confident in the strength of its business model and its growth prospects for the medium term.

First quarter earnings for 2011 will be published on April 28. The Annual Shareholders' Meeting will take place on April 29, 2011.

Management Discussion and Analysis of Financial Conditions and Results of Operations for Q4 and the fiscal year 2010 are available at <http://www.lectra.com>.

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Implementation Investments

Axis Denim Upgrades to CGS BlueCherry to Support Global Operations and Growth

10 February 2011

Computer Generated Solutions Inc. (CGS) announces that private label jeans manufacturer Axis Denim (<http://www.axisdenim.com>) has begun implementation of the **BlueCherry® Infinity** enterprise solution at its Hartford, Connecticut operations and New York sales offices. Expected to go-live in about 90 days, the new system will also be used by the company's Shanghai, China production offices and global supply chain partners to manage design, product development, and production processes. By leveraging the fully integrated BlueCherry product lifecycle management (PLM), collaborative supply chain management (CSCM), enterprise resource planning (ERP), and electronic data exchange (EDI) capabilities, Axis Denim expects to enhance collaboration, accelerate new product development cycles, and gain visibility and control of their global design-through-delivery processes.

According to Axis Denim Partner **Leigh Martin**, *"Even though our existing systems were only a couple of years old, we quickly realized that they could not keep pace with the needs of our growing global business. After evaluating numerous options, we are excited to be moving up to a tier-one system that is backed by a world-class organization. In a single integrated system, BlueCherry gives us the tools and technology we need to enhance and streamline development, track and control processes, and ensure on-time customer deliveries."*

To improve service to its major U.S. retail customers, Axis Denim will utilize the calendar management and process tracking capabilities of BlueCherry PLM to improve accuracy and control of development timelines. The vendor web portal included in the collaborative supply chain module will enable hundreds of vendors and suppliers to electronically share information and report status of bids, orders, schedules, and performance against production deadlines.

"We are pleased to partner with Axis Denim as they move to support their growth and competitiveness," noted **Paul Magel**, President of the CGS Application Solutions Group. *"The speed and efficiency mandates of today's fashion market are stressing many legacy, entry-level, and narrowly focused systems beyond their limits. We are confident in our ability to provide the products, service, and*

partnership that these companies need to compete into the future."

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BISSELL® to Implement aPriori for Product Cost Management

8 February 2011

aPriori announced that [BISSELL Homecare, Inc.](#), the top-selling brand in floor-care appliances in North America*, has selected the aPriori [Product Cost Management](#) software platform to provide real-time product cost assessments throughout its product development lifecycle. BISSELL manufactures a complete family of floor care products such as vacuums, carpet sweepers, carpet deep cleaners and bare floor vacuums.

“The consumer products market is extremely price competitive,” said Hank Marcy, Vice President of Engineering at BISSELL. “The pricing for our products is usually established up-front. And, given that our products have a relatively short lifecycle, we have to get the cost right the first time. With aPriori implemented across our design and engineering teams, we will be able to understand the cost impact of each and every tradeoff decision we consider. Having cost controls in place at key milestones as a product evolves and takes form will go a long way toward helping us maintain desirable profit margins.”

“For over 130 years, BISSELL has been a household brand name that represents high quality products,” said Stephanie Feraday, aPriori’s President and CEO. “We are extremely pleased that BISSELL selected aPriori to help establish cost controls throughout their product development process. In this fast-paced industry sector, where the only constant is change, we believe that aPriori is perfectly suited to help consumer product companies like BISSELL protect profit margins by understanding the implications of each tradeoff decision as they are made. Furthermore, because many consumer product companies are highly dependent upon suppliers, our solution will help them conduct fact-based negotiations with their suppliers, and ensure they are paying a reasonable price for their goods and services.”

*Based on NPD sales data

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Delcam’s ArtCAM Used to Design Fruity Furniture

7 February 2011

Using Delcam’s ArtCAM artistic CAD/CAM software has enabled Stephen Mosher, owner of Cottage Woodworkers in Nova Scotia, Canada, to create more complex shapes for his unique furniture, including a new range inspired by the shapes of fruits and plants. In addition, the time saved by using the software has allowed him to spend more time on developing new designs.

For the past 28 years, Mr. Mosher has been knee-deep in sawdust: turning pencil sketches and pieces of maple, cherry and walnut wood into dining-room tables, wardrobes and beds. His woodworking career began using his grandfather’s tools at the family’s country home in Pictou County, where he crafted small items such as candlesticks and wooden bread bins. Over time, he received more and more requests for larger pieces such as hutches, beds and mirror frames, which encouraged him to expand and move to larger premises.

With a larger work space and an increase in demand, Mr. Mosher started to invest more in technology. He required a CNC machine that would be capable of anything that he could imagine but, just as

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important, he says, “software that could do anything too”. With a machine already in mind, he set out looking for a suitable software solution. “I knew from looking at the 3D carving on the ArtCAM website that this software was what I needed,” he remembered. “There is no point in spending tens of thousands of dollars on a machine if you can’t make it do what you want it to.”

“ArtCAM gives me great flexibility,” he stated. “Even for relatively simple things, ArtCAM leaves open different ways of doing the same thing. Where it really makes a difference is in the more complex projects. Many of the pieces I do with ArtCAM just couldn’t be done at all without it.”

Mr. Mosher’s work now includes a mix of traditional styles and unique artisan pieces that have been designed to be handed down from generation to generation. Prime examples of his more creative projects are his recent furniture posts, which were inspired by the shapes of fruits and plants.

“For these designs, I do a lot of lathe work,” he explained. “With the indexing head on my CNC and the rotary post-processor in ArtCAM, my turned work has gone places I could only dream of before.”

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Manufacturers Turn to Infor for Product Lifecycle Management

8 February 2011

[Infor](#) announced strong momentum for sales of Infor PLM 8. Companies, including [Emcore](#), [Horsburgh & Scott](#), [Juno Lighting](#), [Promethean Technologies](#), and SLW Automotive are turning to the solution, which integrates with their existing Infor [ERP](#) software, to reduce costs, speed time to market and improve collaboration.

News

Infor customers are implementing Infor PLM 8 to support all activities related to a product, from its conceptual phase until its obsolescence, regardless of organizational boundaries.

The industry experience built in Infor PLM 8 benefits discrete manufacturers, particularly those in the high-tech and electronics, automotive, industrial equipment and machinery, and aerospace and defense industries.

Infor PLM 8 helps companies:

Improve performance -- by connecting all product-related departments to enhance collaboration.

Make better decisions -- by providing impact analysis and full transparency into the product lifecycle.

Increase employee productivity -- by reducing complexity and delivering role-based information to users.

What Rodgers Instruments Says

"With Infor, we are able to support a feature-centric development process to set ourselves apart from our competitors and provide more value to our customers," said Tony Williams, vice president of Engineering, Rodgers Instruments. "Infor PLM is playing an instrumental role in helping us collaborate more effectively with our customers and suppliers to achieve new levels of product customization, which has resulted in a 50 percent reduction in time to market."

What We Say

"Staying several steps ahead of the competition and customer expectations requires tracking, managing,

CIMdata PLM Industry Summary

monitoring, and analyzing products throughout the entire lifecycle," said Venkat Rajaji, product manager, PLM, Infor. "With Infor PLM 8, manufacturers can execute these processes successfully, reducing costs, improving product innovation and quality, getting products to market faster, responding with speed and flexibility, and increasing sales."

Additional Resources

Note: registration may be required to access online content

Infor PLM 8 website -- www.infor.com/product_summary/plm/plm8/

Brochure -- www.infor.com/content/brochures/454907/

Case study -- www.infor.com/content/casestudies/inalfa-roof-systems.pdf/

Join the conversation -- www.infor.com/company/infornow/

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Premium German Automaker Implements Dassault Systèmes' V6 PLM Solutions as New Platform for Embedded Systems Architecture, Integration and Design

10 February 2011

Dassault Systèmes announced that BMW has selected its V6 PLM solutions to develop the future electrical, electronics, and embedded software (E/E) architecture of BMW cars.

BMW chose Dassault Systèmes' V6 solution for thousands of engineers because of its flexible PLM backbone, and the large degree of out-of-the-box, specialized functionality for systems engineering.

With the Architecture, Integration and Design for Automotive Project (AIDA), BMW will implement a seamless collaborative process to connect the various constituents and actors of the E/E process, putting BMW's customers' values at the center of the innovation process. By leveraging Dassault Systèmes' V6 to create a single IP reference, BMW will link customer requirements to implementable functions in the car, while defining the logical architecture of the systems and releasing the physical expression in form of hardware and software.

BMW will leverage the V6 solution to manage the future complexity of embedded systems in the car by providing a master architecture for all car derivations and enabling a constant modernization of car functions. The re-use of functions and the separation of hardware and software components in the development process will help BMW gain significant cost savings in the E/E domain.

The V6 PLM systems design solution will be connected to the current BMW enterprise environment, demonstrating the openness of the V6 platform. This successful deployment, already in operation today, is the first step in a 10-year partnership that BMW and Dassault Systèmes have signed to build the best infrastructure and applications for the E/E domain.

"The car of the future cannot be built with the processes and tools from the past," comments Dominique Florack, Senior Executive Vice President, Products – R&D at Dassault Systèmes. "The V6 platform is the Dassault Systèmes strategic solution to create and simulate digitally the most complex embedded systems. I am delighted to see that BMW has endorsed our vision and was able to deploy V6 in production, on time, less than eight months after its decision."

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SEKTAM Works Smarter with MyWorkPLAN Job Shop Software

7 February 2011

[MyWorkPLAN](#) job shop software, from SESCOI, has made a big difference to the smooth running of the Kansas, U.S.A. based mold maker, SEKTAM of Independence, Inc. Formed in 1972, the company started by making tooling for the local Emerson Electric plant, but has now progressed to making injection and blow molds for the automotive and sports goods industries. Its molds are used to produce a wide range of products, including gas cans for Blitz USA, OEM car parts for Standard Motor Products, and building accessories for Red Devil.

The company employs 12 highly skilled people, so efficient use of resources is of paramount importance. Before installing MyWorkPLAN software Chris Moore, President of SEKTAM, used to produce all the documentation to run the factory by hand. He says, "I was tired of writing quotes, recording jobs in a log book, creating invoices, and managing times on the back of job cards – everything was manual and it had to change." He evaluated several job management systems and was extremely impressed with the [MyWorkPLAN online presentation](#). "It was really cool, and ideally suited to the one off work we do."

The company usually has around 20 jobs going through its factory at any one time, and completes between 400 and 500 projects every year. Some tools are delivered the same day, while the more complex mold builds can take 8-10 weeks. Starting with the quotation, Chris Moore uses his experience to calculate the labor hours and the material required for each job. MyWorkPLAN puts all the information in a quotation template, produces a pdf file for the customer, and records all the information in its database. "I can now produce a quotation in less than 30 minutes, which is a reduction of about one hour per job. Over the year it saves three months work, giving me more time to get extra business."

Once SEKTAM has been awarded the business, MyWorkPLAN enables the automatic creation of a sales order, which contains the hours estimated for the job, the material required and notes for manufacturing. Because the company employs skilled personnel, it is unnecessary to produce a detailed list of operations. Chris Moore adds, "This is a great improvement on what we were doing before as, previously, there was no continuity between quotations and sales orders, meaning that we had to go back through our records to find the information. As well as automatically creating the sales order, MyWorkPLAN produces an order confirmation for the customer and prints out the notes for the job which go in a book on the shop floor for our engineers to refer to."

To keep track of job times, SEKTAM has a touch screen terminal on the shop floor. The engineers log onto each job so that time spent is automatically recorded. It also has a MyWorkPLAN terminal in its engineering office, so that design hours can be recorded too. Chris Moore says, "I can now find the hours spent on a job with one mouse click. That way, if we are running near to or over the allotted hours I can go down to the shop floor to see if there is a problem and hurry production along. Similarly, for the jobs which are just labor and materials, I can keep track of how much has been used and advise the customer of the cost as the job progresses."

MyWorkPLAN creates the invoices for SEKTAM, listing the work done on each job and calculating the hours and material used. Chris Moore comments, "Previously we were up to 60 days behind on our invoicing. Extracting and calculating the hours from the job cards used to be very time consuming as there could be 1000 hours spread across 20 or 30 cards. Now it is all done automatically. Our customers really like the prompt invoicing and, of course, we get paid quicker."

SEKTAM finds the software easy to use and is very impressed with the quality of the support it gets

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from SESCOI. Chris Moore says, "The installation was straightforward. We then loaded quite a lot of historical data into the system, which we hired someone to do for us. SESCOI's engineers helped us to get this completed and customized the system to suit our needs. In my opinion, the support is second to none, problems are resolved on the spot - I cannot speak too highly of the service we get."

As well as saving about 3 months work, installing MyWorkPLAN job shop software has greatly reduced the stress put on the company by manual record keeping. Now time overruns can be spotted and fixed as they happen. Previously excess hours were only detected after the job had been completed. Chris Moore concludes, "MyWorkPLAN makes us work smarter. It has improved our customer relations - accurate information is available instantly and we now produce professional looking documentation. We also generate three redundant backups for all of our data. Previously, with paper records, we would have had a serious problem if we had been hit by a tornado. Put simply, we have modernized!"

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Thomas & Betts Corporation Yields Quicker Sales Leads With Digital Part Catalog From PARTsolutions

8 February 2011

[PARTsolutions, LLC](#) announces the completion of the [Thomas & Betts Corporation](#) online product catalog containing over 2,300 products. Thomas & Betts, a leading designer and manufacturer of electrical components, has web-enabled its electrical conduit and fittings product line in a 3D CAD digital catalog in order to progressively deliver more than 2,000 configured CAD models each month.

Eliminating the time-intensive process of creating, migrating and translating catalog content will save Thomas & Betts significant resources. The solution also increases lead generation by allowing Thomas & Betts to track who is accessing designs and proactively deliver sales and support information to its customers. What's more, on-demand configuration and delivery of high quality product data in native CAD benefits the company's thousands of customers in industrial, commercial, communications and utility markets by streamlining the design process. As a free service, it will also save those customers substantial costs.

"Our customers will gain substantial time and cost efficiencies with the ability to download 3D CAD-native fittings directly into their designs," said Gary Clarke, Group Product Marketing Manager, Thomas & Betts. "PARTsolutions' heritage, impressive customer roster and expertise made it the obvious choice for our part catalog technology partner."

"With one of the broadest product lines in the industry, [PARTcatalog](#)TM technology enables Thomas and Betts to host their considerable product catalog online, making it easier for customers and prospects to 'design in' those products into their designs," said Rob Zesch, president, PARTsolutions. "Thomas & Betts is a leader and perpetual innovator and this new digital product catalog is another example of the company's innovation and dedication to serving its customers to the highest level."

The Thomas & Betts online product catalog is live now and can be accessed and leveraged as a resource for anyone at: <http://www.tnb.com>.

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Tukatech Installs Additional TUKA3D Systems for Digital Sample Development at Matrix in Bangladesh

10 February 2011

[Tukatech](#) announced that Matrix Sourcing, a manufacturer for companies such as Nike, Adidas, and Eddie Bauer, was able to achieve 100% first-submission sample approvals due to their use of TUKA3D. After experiencing huge success in getting their first submitted sample approval with the software, Matrix then expanded with the installation of additional TUKA3D systems.

“We started using TUKA3D three years ago and experienced vast improvement in understanding product fit,” said Azfar Hasan, CEO of Matrix Sourcing. “Nike is one of the brands we work with, and using TUKA3D we have achieved 100% sample approval rate for them three years running.”

Matrix is now also using TUKA3D to drape new styles on made-to-measure virtual models for Adidas and several other brands in Europe. The company uses these virtual models as exact replicas of live models to increase efficiencies and speed to market, as they can view and make changes to samples on the spot in sampling rooms.

“Tukatech is an integral part of our business, and we will continue to expand and upgrade ourselves, finding new creative ways of using all of their tools and services,” continued Hasan.

In addition to their partnership with Matrix, Tukatech is also experiencing success through their partnership with TexOps (previously known as Partex), an apparel manufacturer based in El Salvador for retailers Academy and Dick’s Sporting Goods. TexOps cites a 40% increase in business over the last year, due much in part to the use of TUKA3D.

“TUKA3D provides so much speed and accuracy in our development process, and it allows us to get buyers involved and finalize designs and fit in a much shorter time than before. The built-in Motion Simulator is the key to our success in getting correct fit and the look. Without that, no one can really eliminate the physical sample.” Texops CEO Juan Zighelboim states.

Additional clients that are reporting successes due to TUKA3D include Ceylon Knit Trends, a manufacturer that produces garments for Nike and Eddie Bauer, Asmara, a buying house that creates samples for customers including Abercrombie & Fitch, and Aval Fashion House, a company that uses TUKA3D for prototypes of high-fashion styles with expensive fabric and detailing for customers including Max Mara, Versace and Adrianna Papell.

“Major brands like these need reliability, speed and constant improvement from their sample development processes,” said Ram Sareen, CEO-Founder TUKAgroup. “These success stories are further proof that the right software has the ability to significantly improve businesses in the apparel industry.”

About Matrix Sourcing

Matrix Sourcing is a Bangladesh-based apparel buying house with a range of U.S. and European clients including Nike, PVH, BNC, Canterbury, Blue Marlin, BTX as well as offerings in home textiles, hosiery and sports equipment.

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VIA Technologies Adopts Mentor Graphics Calibre PERC for Critical ESD Checking

7 February 2011

[Mentor Graphics Corporation](#) announced that VIA Technologies, Inc., a fabless supplier of power efficient x86 processor platforms, is adopting the Calibre® PERC electrical rule checking product to ensure that electrostatic discharge (ESD) protection meets established guidelines to help prevent circuit failures and design re-spins.

By helping ensure that designers have met all ESD protection rules, the Calibre PERC product contributes to the robustness of designs in portable and high-reliability applications. It also verifies the integrity of low-power designs that have multiple-power domains by making a variety of leakage and resistance checks. The Calibre PERC product removes the burden of manual electrical rule checking from designers, as it can be programmed to meet these general concerns as well as address unique customer requirements.

"Calibre PERC is the only tool that enables users to define electrical checks using both topology and geometric information. We use this tool to create a set of rules that preserve debugging experience from previous product ESD issues and prevent the same ESD failures from happening across many design sites," said Shelton Lu, Vice President of Manufacturing and Product Engineering in the CPU Platform R&D division of VIA. "This allows PERC to perform many critical checks for our design engineers. VIA has a very sophisticated methodology for how our ESD structures should be constructed, including rules for multiple power domains, back-to-back diodes and power/ground clamp devices. Additionally, we also have checks that we perform on leakage paths and discharge path resistance. PERC provides our designers a solution to validate the robustness of our designs by giving us access to the necessary circuit, geometry and parasitic information to automatically perform checks that help drive the reliability of VIA's product offering."

"Our customers need to automate very complex electrical design rule checks in a multi-voltage, mixed-signal environment," said Joseph Sawicki, Vice President and General Manager for the Design-to-Silicon division at Mentor Graphics. "Calibre PERC introduces a new class of design rule checkers that provide our customers with the versatility and programmability needed for today's advanced designs, while working in the familiar Calibre platform that is integrated into all major EDA design flows and supported by all the major foundries."

Availability

The Calibre PERC product is available now with support for TSMC, Common Platform and SMIC.

About Calibre PERC

The Calibre PERC product addresses a range of applications including validating that a circuit has sufficient protection against electrostatic discharge (ESD) events, and helping designers identify inappropriate connections between multiple power supplies in mixed-signal ICs. It helps ensure the completeness of circuitry needed to protect a device against ESD and ensures a higher level of ESD design rule compliance because it goes beyond traditional layout geometry-based checking to enable verification of specific device and interconnect structures and electrical characteristics. For example, it can identify the omission of required ESD protection on a schematic or netlist. It can also be used to look for errant signal paths and other soft connection errors such as well connection errors, floating devices, nets, or pins, incorrect voltage supply connections, excessive series pass gates, problem level shifter designs, antenna checks, floating wells, minimum "hot" NWELL width, and many others.

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VISTAGY Renews Status as Technical Partner to Lotus Renault GP

7 February 2011

[VISTAGY, Inc.](#) announced that it has renewed its status as a Technical Partner to Lotus Renault GP, which will be using VISTAGY's FiberSIM(r) software and consulting services to design and manufacture composite parts for the R31 race car during the 2011 Formula One World Championship season.

Engineers at Lotus Renault GP (formerly Renault F1 Team) have depended on VISTAGY's professional services organization and FiberSIM software to reduce the time it takes to design and manufacture all the team's composite parts for the past eight seasons, including the chassis, gearbox, roll hoops, side pods, wings, and double diffuser floor. For instance, during the 2009 season, the team used FiberSIM to reduce the time it took to design and manufacture the diffuser-a part which smoothly channels air under and out of the back of the car, increasing down force, lateral grip and overall performance-from 12 weeks to six weeks, getting the new part on the car and on the track two races sooner than would have been possible otherwise.

Lotus Renault GP and VISTAGY are working closely together to develop new technologies for optimizing the composites product development process and improving the performance of the racing cars. [Lotus Renault GP](#) is particularly interested in more closely integrating its design and analysis functions. New features in FiberSIM 2010 more tightly link these two disciplines to enable more efficient transfer of composite design requirements to the engineering team. This promotes design optimization by allowing for quicker and more frequent iterations, which ultimately delivers parts of the highest durability and lowest weight possible.

Expediting the production of the vehicle is critical because each season the Formula One teams are required to completely design, analyze, manufacture, and test their cars in fewer than 180 days or risk stringent FIA penalties, or worse, the loss of an entire racing season. As a result, the teams constantly look for ways to reduce engineering cycle times and eliminate errors in design and manufacturing in order to refine the final products and meet all delivery deadlines.

"The free flow of information and expertise during the tenure of our technology partnership has significantly improved our race cars and the FiberSIM software," said James Allison, technical director at Lotus Renault GP. "This open exchange has enabled us to streamline our composites development process and optimize our composite parts, both critical to our efforts to meet our deadlines and put the best race car possible on the starting grid."

"We look forward to continuing our technology partnership with Lotus Renault GP and helping the team to reach its goals in the engineering phase as well as on the track this season," said Steve Luby, president and CEO of VISTAGY. "This is a synergistic collaboration that will help us to develop new technology that can be applied to high performance race cars and eventually production vehicles as well."

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Wipro Supports NV Energy's Future Plans of Growing Its Distribution Business

11 February 2011

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[Wipro Technologies](#) announced that it has successfully completed the implementation of an Enterprise Work and Asset Management(EWAM) platform for NV Energy, a US based energy company. This project was rolled out across NV Energy's north and south Nevada operations covering both electricity and gas distribution businesses and Phase 1 has been completed. NV Energy is a vertically integrated utility serving 1.2 million electric customers and 145,000 gas customers in Nevada and supporting a floating population of 40 million annually.

This implementation will achieve NV Energy's strategic objectives of standardizing systems and processes across north and south Nevada operations while reducing operating costs, achieving efficiencies in managing capital and O&M work and assets. This large implementation benefits close to 800 NV Energy employees (expanding to 1500 in future phases), and was delivered from multiple geographies. This platform has helped NV Energy consolidate processes across north and south operations, replace outdated systems and achieve scalability to support future growth in the distribution business.

Craig Pinneo, Project Director, Enterprise Work and Asset Management, NV Energy said "Wipro's ability to manage large business transformation programs, its domain competency, a mature global delivery model and close alignment with our teams and strategic goals helped us in achieving this significant and complex implementation."

Anand Padmanabhan, Senior Vice President and Global Head – Energy and Utilities, Wipro Technologies said, "We are privileged to partner with NV Energy on their strategic journey of establishing and rolling out an Enterprise wide Work and Asset Management program. This opportunity extends our footprint in the US utilities industry and positions us as a partner of choice on engagements involving transformation and end-to-end services."

About N V Energy

Headquartered in Las Vegas, NV Energy, Inc. is a holding company with principal subsidiaries Nevada Power Company and Sierra Pacific Power Company doing business as NV Energy. Serving a combined 44,424-square-mile service territory, NV Energy provides a wide range of energy services and products to approximately 2.4 million citizens of Nevada and nearly 40 million tourists annually.

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Product News

Aras and HCL form Partnership to Develop Next-Generation PLM Solutions

10 February 2011

[Aras](#)® announced that [HCL Technologies](#), a global IT services company, has joined the Aras partner program which provides a wide range of benefits including expert developer resources, strategic account access and worldwide go-to-market.

HCL will combine the Aras enterprise open source PLM solution suite with its Sustainable Product Development practices to provide global customers with advanced PLM solutions that are highly flexible, scalable and secure. Companies of all sizes working to meet the complex requirements for global enterprise PLM solutions, include sustainability, will benefit from the solutions.

HCL will develop several next-generation PLM solutions on the Aras PLM platform including the

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Green Design Workbench (GDWTM), a proprietary solution framework focused on environmental compliance across the lifecycle including the product design, development, operation and End of Life phases.

“Innovation and Product Development are the twin pillars of HCL’s heritage,” said Sandeep Kishore, EVP and Global Head Sales and Practice-Engineering and R&D Services at HCL Technologies. “Our investment in cutting edge solutions and focus on the environment is further advanced by this partnership.”

HCL is a \$3 billion global IT services firm that focuses on transformational outsourcing through an integrated portfolio of services, including software-led IT solutions, remote infrastructure management, engineering and R&D services, and business process outsourcing. The company has over 70,000 employees in 26 countries around the world providing services to companies in Financial Services, Manufacturing, Aerospace & Defense, Telecom, Retail & CPG, Life Sciences & Healthcare, Media & Entertainment, Travel, Transportation & Logistics, Automotive, Government, Energy & Utilities.

“These next-generation solutions provide the opportunity for companies to transform corporate processes — through inclusion of cloud-based environmental information and business process outsourcing of product engineering services — all while greening their corporate PLM environment,” said Peter Schroer, President of Aras. “HCL is known as an innovator and we look forward to working together to provide new PLM approaches for sustainability.”

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Bentley Delivers eB Insight – the Foundation of Its AssetWise Platform for Asset Lifecycle Information Management

8 February 2011

Bentley Systems, Incorporated announced its first release of [eB Insight](#), the foundation of Bentley’s [AssetWise](#) platform. AssetWise provides operations information modeling that increases the return on investment for owner-operators of infrastructure assets. Bentley’s new eB Insight features asset lifecycle information management (ALIM) capabilities to manage change and to control information throughout the life span of infrastructure, ensuring the delivery of relevant, trusted information, in context, to operations, where and when it is needed. Uniquely integrating configuration and change management best practices with advanced information modeling, the new release enables owner-operators to:

- further reduce the cost of operations,
- improve decision making,
- more efficiently meet regulatory and compliance requirements,
- reduce business risk,
- increase safety and performance.

eB software, which Bentley added to its portfolio through its acquisition of Enterprise Informatics in February 2010, is a leading mainstay in nuclear operations – one of the most heavily regulated industries in the world – where it is deployed in power generation units, fuel processing, waste management, and research. Among other sectors globally taking advantage of eB software are energy companies, rail, government, and construction. Representative users of eB include Constellation Energy, Ameren

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Corporation, Nuclear Fuel Services, Crossrail, Rolls-Royce, City of Las Vegas, Colorado Springs Utilities, CH2M HILL, Aker Solutions, South African Airways, De Beers, and Network Rail.

Alan Kiraly, Bentley vice president, Operations Products, said, “With Bentley’s first release of eB Insight, our AssetWise initiative has come to fruition. eB Insight supports the delivery of innovative and robust asset information modeling and management capabilities to owner-operators, enabling them to realize the full potential of intelligent, better-performing infrastructure assets. In Bentley’s continuing development of eB Insight, we are able to take advantage of the company’s extensive project and engineering content experience and knowledge to increase the fidelity with which our AssetWise platform deals with project deliverables throughout an asset’s lifecycle.”

What’s New in eB Insight?

eB Insight maintains the network of information relationships needed to combine operations effectiveness and efficiency with safety and compliance. The new release of eB Insight enables users to define unique information relationships in addition to those provided out of the box. Information classifications and behaviors can be configured to enforce predefined business rules that must be met during the lifecycle of the information. For example, eB Insight can ensure relationships are established between a project, physical items, responsible people, standard operating procedures, tag numbers, and records management file plans before a package of information can be approved and delivered for use on a work order.

Also new is information scoping, which enables multi-asset control and segmentation of information. This feature is extremely useful for fleets of operating plants where overlapping fleet-wide and asset-specific configurations, information models, and operations must be managed independently. Secure user roles determine access, and selected scopes determine visible information. This provides an asset-specific user experience while supporting the consolidation and reporting of fleet-wide information and key performance indicators (KPIs). The new release also expands role identification and information access to include hierarchical roles based on the American National Standards Institute (ANSI) standard on Role-Based Access Control.

Another innovative feature enables the creation of an information “snapshot” that documents the current network of relationships for any information at any point in time. A snapshot is a static record that can be rendered in different formats (e.g., XML, PDF, etc.), making it available for a compliance audit or to package information to be transferred to other systems. A Change Package snapshot, for example, could include all impacted physical assets, documents, responsible people, and approval workflows. Enhanced auditing and traceability features include a complete historical view of the asset information, from creation to deletion, which improves governance and compliance controls.

New eB Insight handover services are based on its ability to publish independent information packages that contain comprehensive asset information (engineering, configuration, procedural, and operational) for archiving and reuse. Handover packages can be defined using a combination of explicit references and/or searches and can be published at lifecycle milestones or on demand. The packaged information can be navigated via web pages and includes content from the eB Insight repository and any federated information source. This information is used to provide evidence for regulatory compliance audits or to transfer information to other enterprise systems.

Moreover, operations personnel can now enter knowledge items through intuitive forms as part of normal business processes. The captured knowledge items are then linked to all other relevant interrelated data so they are visible when information is being accessed or changed, making the

knowledge actionable when and where it is relevant.

eB Insight also provides greater support for the management and control of federated information. Its networks of relationships can encompass information in third-party content management systems (including EMC Documentum, IBM FileNet, and Microsoft SharePoint) and can create relationships that enable control, access, and change management as if the information were stored in the eB repository. Accordingly, KPI dashboards can be configured to uniquely present a system-wide view.

Finally, recognizing the broad acceptance of Microsoft SharePoint for content management, the new release of eB Insight provides a rich set of services for seamless integration with SharePoint. The new software can automatically provision a SharePoint site and populate it with controlled information that maintains the interrelationships with the information network being managed by eB Insight. It also supplies SharePoint “web parts” that provide seamless user access to information controlled by eB Insight.

What Analysts and Users Are Saying About eB Insight

“The new major release of eB Insight, one year after the acquisition of Enterprise Informatics, demonstrates that Bentley has successfully integrated the development teams and is executing on its commitment to the AssetWise initiative. The ability to control information visibility with role-based security for large diverse project teams is well suited for asset information management for operations of complex infrastructure projects.” – **Martin Gandar, Associate Senior Research Analyst, Ovum – Butler Group**

“By integrating eB into Energy Solutions’ business processes, we have been able to establish a suite of robust systems that support over 5,000 users worldwide, meeting our specific needs for document control, human performance, condition reporting, requirements management, and occupational medicine. As a result of these systems, we have realized marked improvements in quality and efficiency within our records management, document control, and condition reporting processes. In 2011 Energy Solutions will expand deployment of eB Nuclear across three business groups around the globe.” – **Philip Coretti, Vice President, Environmental, Health, Safety, Quality, and Security, Government Group, Energy Solutions**

A particularly notable testimonial comes from the head of technical support services for Crossrail, London’s \$24.5 billion railway project that is the largest construction project in Europe. Crossrail recognized that “information is the blood that flows through the project’s veins,” and is at the heart of how Crossrail will be achieved. It chose Bentley’s ProjectWise as its project team collaboration and work sharing platform to manage the design and engineering information among the many multidisciplinary firms concurrently working on this megaproject. When Bentley announced its AssetWise initiative, Crossrail evaluated eB Insight and determined it was the ideal complement to ProjectWise to manage the extensive and multidimensional requirements of the project and ensure regulatory compliance over its lifecycle.

“At the beginning of October 2010, Crossrail successfully launched the first phase of its implementation of the eB Document Control system, covering three large contracts and around 240 users. Eventually we anticipate eB will store, manage, and transmit over 2 million project-critical documents by over 2,000 people, and so far so good. Our users have quickly taken to the new software, impressed not only by its ease of use, but also the significant improvement we have seen against our old transmittal processes, cutting the time taken to complete these from hours to minutes.” – **Malcolm Taylor, Head of Technical Support Services for Crossrail**

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For additional information about the new release of Bentley's eB Insight, visit <http://www.Bentley.com/eBInsight>.

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BlueCielo Launches BlueCielo Meridian Enterprise 2011 Product Family

9 February 2011

BlueCielo ECM Solutions announced that it has released the latest version of its best-of-breed ECM solution for owner/operators, BlueCielo Meridian Enterprise 2011, and the solution's optional modules.

BlueCielo Meridian Enterprise provides Asset Information Management functionality to companies mainly within the process and power industries looking to optimize plant safety, economic efficiency and regulatory compliance. BlueCielo's solutions aim to optimize business processes in which engineering data is crucial, with focus on the entire Management of Change process, collaboration with contractors and suppliers, and providing as-built technical documentation to Operations and Maintenance.

The BlueCielo Meridian Enterprise 2011 release is now fully 64-bit compliant, enabling one to leverage the full strength of your hardware capabilities. The 2011 release of BlueCielo Meridian Enterprise supports the latest versions of authoring applications such as Microsoft Office, AutoCAD, Autodesk Inventor, MicroStation, SolidWorks and others. Next to that, access to the Meridian Enterprise environment through Microsoft SharePoint is now possible, besides the traditional access through the Microsoft Windows client or the web client.

With the BlueCielo Meridian Enterprise 2011 release, the following 64-bit compliant modules are available

- BlueCielo Advanced Project Workflow Module 2011
- BlueCielo Asset Management Module 2011
- BlueCielo Email Management Module 2011
- BlueCielo Explorer Module 2011
- BlueCielo Global Collaboration Framework 2011
- BlueCielo Transmittal Management Module 2011
- BlueCielo Publisher 2011

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Cadac Group Continues Microsoft Partner Network Membership

8 February 2011

Cadac Group, a Microsoft Partner Network member and developer of Cadac Organice, a SharePoint based Engineering Document Management solution, announced it has successfully re-enrolled the Microsoft Partner Network.

Cadac Group has re-enrolled the Microsoft Partner Network with the following competencies:

- Gold – Independent Software Vendor (ISV)

CIMdata PLM Industry Summary

- Gold – Content Management
- Silver – Portals and Collaboration
- Silver - Learning

Cadac Organice, subsidiary of Cadac Group, is an Independent Software Vendor (ISV) developing the Cadac Organice Product Suite: a suite of solutions on Microsoft SharePoint for engineering document management and document control. The Gold competencies in ISV and Content Management and the Silver competency in Portals and Collaboration certify the in-depth technical and business expertise of Cadac Organice in Enterprise Content Management and Collaboration with Microsoft SharePoint. This enables Cadac Organice to showcase unique skills to (potential) customers in engineering industries and supporting their business IT solutions with Microsoft's technologies.

Training@Cadac, also a subsidiary of Cadac Group, is a Microsoft Partner for Learning Solutions. As a Microsoft Certified Training Center, Training@Cadac distinguishes itself with a clear focus on Microsoft SharePoint training. The extensive knowledge and expertise in Microsoft SharePoint implementations is used by T@C to enrich training content with case studies. As a result, the training content comes very close to the perception of students and real life situations. The silver competency for Learning shows that T@C is an experienced training center for Microsoft's technologies.

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CCE Releases EnSuite 2011

8 February 2011

CCE announced the release of the 2011 version of EnSuite. EnSuite now sports a brand new User Interface, supports native 64 bit OS and new versions of CAD file formats.

EnSuite 2011 uses Microsoft Office Style Ribbon User Interface, making it user-friendly for CAD and Non CAD users to navigate the software in a manner that they are most used to.

EnSuite has been updated to support native 64-bit architecture. This enables users to view and translate very large CAD files and assemblies. It supports the latest releases of SolidWorks 2011, Solid Edge ST3, Parasolid 23 and JT 9.4 file formats.

“EnSuite is a widely used tool in the automotive and aerospace supply chain” noted Vinay Wagle, CCE’s VP of Sales & Marketing. “The new version includes a number of enhancements based on user feedback to increase productivity and ease of use” added Vinay.

EnSuite provides quick access to critical engineering information residing in CAD data, no matter which CAD system was used to author it. Its user-friendly interface is designed with non-designers in mind. EnSuite supports all major 3D CAD formats including CATIA V4, CATIA V5, NX, Pro/E, SolidWorks, Parasolid, JT, CGR, STL, Solid Edge, 3D PDF, IGES and STEP.

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C&R Technologies Partners with Comet Solutions to provide Next Generation Thermal Analysis Capabilities

1 February 2011

[Comet Solutions](#) and C&R Technologies ("CRTech") formally announced the worldwide release of the

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new Thermal Workshop™ product. Thermal Workshop is [CRTech's](#) exclusive thermal-specific version of Comet®, the multi-physics engineering analysis environment from Comet Solutions, Inc. developed specifically to integrate with CRTech's Thermal Desktop® product, Thermal Workshop greatly extends the analysis capabilities and productivity of the Thermal Desktop user.

Thermal Workshop solves long-standing problems associated with the extraction of geometry from CAD models to thermal analysis software. Thermal Workshop provides capabilities for importing native CAD (e.g., Pro/E, Solidworks, NX CAD), ACIS, STEP, and IGES files, and passing corresponding meshes and other model information into Thermal Desktop. In the Thermal Workshop environment, objects may be "tagged" as needed to describe boundary conditions, contact conductance, heater locations, etc. Once the analysis process has been created and saved, if the CAD geometry is altered, then the process can be used to automatically update the Thermal Desktop model. The Thermal Workshop environment can also be extended to enable automation of other multi-disciplinary and multi-physics engineering analysis domains.

In addition to executing a SINDA/FLUINT thermal analysis in the traditional "batch execution" mode from within a pre-defined process template, Thermal Workshop and Thermal Desktop can be running simultaneously with 3D CAD software during an interactive thermal model building session on the thermal engineer's workstation. This enables the thermal analyst to leverage the unique capabilities above of Thermal Workshop while still working from within the familiar environment of Thermal Desktop. Thermal Workshop will enable thermal analysts to significantly increase their analysis process productivity and spend more time evaluating "what if" design alternatives vs. repeatedly performing manual and error-prone geometry manipulation and model building/meshing tasks.

Thermal Workshop is the logical next step in a 4-year strategic business partnership between C&R Technologies and Comet Solutions Inc. to provide world-class geometry integrated modeling and simulation process automation for thermal analysis engineers.

"Comet Solutions has developed a very tight working relationship with CRTech's technical team and we are extremely excited about the impact that our partnership will have on the way that thermal engineering is performed across many industries", said Malcolm Panthaki, CTO and Founder of Comet Solutions.

"CRTech's deep thermal analysis domain expertise and industry experience has been instrumental in developing the initial user requirements for this new Thermal Workshop product and Comet will continue to work closely with CRTech to ensure that Thermal Workshop expands in functionality to meet the needs of the advanced thermal analysis community worldwide." States Brent Cullimore, President and co-founder of C&R Technologies, "We are continually searching for ways to make thermal/fluid engineers more productive and to enable them to participate more fully in early design stages. Both goals are being met by our collaboration with Comet Solutions, which brings exciting new technologies that overcome traditional hurdles in model development and maintenance. Both companies' shared commitment to customer success has led to a tremendously powerful product."

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ITI TranscenData Releases Proficiency Collaboration Gateway Version 9.0

7 February 2011

ITI TranscenData announced the release of Proficiency Collaboration Gateway 9.0, the latest edition of its Feature Based CAD Interoperability solution for manufacturers and their suppliers. Collaboration

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Gateway enables the transfer of complete design intelligence between major CAD systems which includes geometry, features, sketches, manufacturing info, metadata, assembly information and drawings in the conversion process.

Major enhancements in version 9.0 which significantly improve data exchange performance and overall quality include:

- Use of the STEP format as the primary geometry exchange engine when features are not used
- Integration with CADfix

Out-of-the-box integration with ITI's geometry repair tool has been added to the data exchange flow

- New CAD Version Support

CATIA V5 R20, Siemens NX 7.5, Pro/ENGINEER WF5 (Creo/Elements Pro 5.0) The new version includes many other automatic data exchange feature support enhancements such as:

- Improved performance for CATIA V4 to CATIA V5 migrations, especially large assemblies
- Improved support for import of V5 assembly drawings
- Improved support for feature options in NX

o Revolve, Hole, Multi-Body feature, Multi-set Blend, Trim Body, & Swept features

o New assembly constraints types

- Catia Auditor – a batch utility to analyze the content of V4 and V5 data, and generate reports

The new release is available immediately worldwide and current customers can easily upgrade to version 9.0.

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Lattice Technology Releases Updated XVL Converters

7 February 2011

Lattice Technology® Inc. has released upgraded versions of its XVL® Converters.

The XVL Converters are used to convert 3D CAD and design data into XVL so that it can be easily used for process design, digital mock up, authored into manufacturing documentation, and so on. XVL, an ultra lightweight 3D format, offers the industry's best 3D compression with no loss of accuracy enabling data to be rapidly used, shared and viewed even on lower specification PCs. The XVL Converters can be delivered as plug-ins directly into CAD software, or as server applications that can be integrated with PLM or other systems.

Version 7.1 of the XVL Converters supports the latest versions of leading CAD applications such as NEX™ CATIA® V5, SolidWorks, Autodesk Inventor, Creo Elements/Pro™ (Pro/ENGINEER), Creo Elements/Direct™(CoCreate) and more. A comprehensive list of all supported CAD formats and versions is available on our [website](#).

This release adds a new automation capability by supporting the configuration feature of SolidWorks and Autodesk Inventor Representations.

The upgraded versions of the XVL Converters are available immediately. Existing customers under

maintenance can download the new versions free of charge.

For more detailed information about features, pricing, or to purchase, please visit <http://www.lattice3d.com>.

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Luxion Releases KeyShot 2.2

9 February 2011

Luxion announced the release of KeyShot 2.2 as a free upgrade to the groundbreaking KeyShot 2 application introduced last summer.

KeyShot 2.2 delivers many improvements to the import pipeline and model interaction in realtime that makes it even easier to create photographic images from 3D CAD models. Render speeds have also improved, especially when working with complex materials. KeyShot 2.2 further streamlines interoperability with leading CAD system by offering native support for Autodesk AutoCAD® and Inventor®, SolidWorks 2011®, CATIA® v5 and SketchUp 8. In addition, every 3Dconnexion 3D mouse can now be used in either camera or model navigation mode.

“Version 2.2 is a huge improvement for all Keyshot users,” says Kevin Quigley, principal at Quigley Design, a provider of high-end product development services to many well renowned manufacturers and a beta tester of this new version. “Not only does Keyshot 2.2 import SolidWorks 2011 and CATIA v5 files, but there are some great improvements made to other translators as well, with more options and faster import.”

Quigley has KeyShot fully integrated into his workflow. From early concepts to final marketing imagery, Kevin Quigley makes extensive use of KeyShot in every project. Speed for him is of the essence, not just as far as final renderings are concerned, but throughout the entire workflow.

“The new scene manager tree makes applying and editing materials much easier,” Quigley continues. “Combined with the new part highlighting it makes moving around and editing more complex models a simple task. Not only that but the render times continue to tumble! On some models I noticed a reduction of 50% in render times between 2.1 and 2.2.....and 2.1 was already fast! I won't be able to use the excuse ‘waiting for the render to finish’ anymore!”

KeyShot 2.2 improvements include:

Greatly enhanced import pipeline

Preservation of model structure from CAD model including all subassemblies

Preservation of part / layer names

Separate material column

Improved interaction with objects in realtime

Part outline in the realtime window

Move multiple objects

Significantly faster handling of large assemblies

Ability to duplicate objects

Importers

Support for SolidWorks 2011 and prior 32/64bit (PC only)

Official support for CATIA v5

Official support for Autodesk Inventor 2011 and prior

Official support for DXF/DWG (AutoCAD)

Support for SketchUp 8 and prior

Render speed improvements

Advanced Materials with complex settings render now up to 15 times faster

Support for 3Dconnexion 3D mice

All 3Dconnexion 3D mice are now supported by KeyShot

Foreign language support

KeyShot 2.2 is available in Chinese, English, French, German, Italian, Japanese, Korean, and Polish.

“KeyShot 2.2 is all about workflow improvements,” says Dr. Henrik Wann Jensen, Co-Founder and Chief Scientist at Luxion. “The improvements to the importers and the overall import pipeline makes the interoperability between KeyShot and the CAD systems even more seamless, resulting in even faster creation of amazing images from 3D data.”

KeyShot 2 is available for Mac and PC starting at \$995. KeyShot 2.2 is a free upgrade to all existing KeyShot 2 customers.

To learn more about KeyShot 2, the new release, to download a free trial or purchase a copy of the software visit <http://www.keyshot.com>.

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Mastercam QuickPart

8 February 2011

CAD/CAM can be challenging to learn, and even more challenging to teach. Mastercam QuickPart gives students a fast, easy way to design and cut parts while learning the principles of CAD/CAM, and having fun doing it. Mastercam QuickPart is easy to use, and provides a path for instant success.

QuickPart takes a student step-by-step through a basic CAD/CAM application. It uses Mastercam functionality to let a student first design a part, and then create toolpaths to cut the part. From material selection, to stock size, to tool selection, a student will learn the methods involved in manufacturing with state-of-the-art CAM software.

QuickPart guides students through the process of creating simple parts by presenting them with one concept per screen. When students are able to cut parts they designed shortly after being introduced to Mastercam, they are encouraged by their progress and eager to learn more.

Extensive instructor controls allow instructors to configure the program to match their students' needs and available resources. In addition, each QuickPart project can generate a printable detailed setup sheet showing toolpath, stock size, selected tool, and more that instructors can review before running the CNC

machine.

Mastercam QuickPart is a standalone product that has been developed on the Mastercam Demo/Home Learning Edition platform.

For more information on Mastercam QuickPart please contact your local Mastercam Reseller at <http://www.mastercam.com/Resellers>.

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Siemens PLM Software and VISTAGY Enhance Partnership to Meet Growing Demand for Composites Engineering Solutions

9 February 2011

Siemens PLM Software and VISTAGY, Inc. announced a significant upgrade and long-term extension to their partnership designed to meet the rapidly growing composite engineering and PLM needs of their customers. The new agreement, announced at the AERO INDIA 2011 international air show, results in an improved ability to meet market demand with an end-to-end composites engineering solution based on Siemens PLM Software's [NX™ software](#) and [VISTAGY's FiberSIM®](#).

“The combined superiority of VISTAGY's FiberSIM and Siemens PLM Software's NX enables us to leverage the full value of composite materials,” said Dr. Gursel Erarslanoglu, the manager of Structure Engineering for Turkish Aerospace Industry's Integrated Aircraft Group. “Their integrated, production-proven solutions, vast experience in optimizing processes for developing composite aerostructures, industry expertise and excellent support were key factors in our decision to select them. We have a high degree of confidence in this integrated solution.”

The agreement being announced enables the companies to support the needs of customers across the entire PLM space, from design to manufacturing, by providing for increased levels of integration between FiberSIM, NX and other Siemens PLM Software solutions. Additional provisions for joint sales and marketing activity also facilitate awareness, distribution and support of the integrated offering to ensure customer success and satisfaction.

The continuing rise in the use of composite materials in products, such as aircraft jet engines, automobiles, marine products and wind turbine blades, is a result of their impressive and increasing strength to weight ratio. Lighter weight equates to better efficiency in a wide variety of areas, including energy usage, performance and cost control. The development and manufacturability of composite materials has remained a highly specialized area. Highly trained individuals use focused technology solutions and procedures that are coordinated throughout the traditional design, analysis and manufacturing process.

By extending their joint expertise in PLM, product development and composite engineering, Siemens PLM Software and VISTAGY are delivering an integrated offering that helps significantly enhance the ability of customers to perform the design, analysis and manufacture of composites within the PLM process. The solution combines NX, advanced computer-aided design, manufacturing and engineering analysis (CAD/CAM/CAE) solutions, with FiberSIM, a leading software for composites engineering. By strengthening the integration between these two offerings, Siemens PLM Software and VISTAGY are able to help their customers work more efficiently with tools tailored to their specific needs and improve their decision making when designing composite products. As a result, the solution helps companies produce better performing, higher quality products, in less time and at lower cost.

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“Our enhanced agreement and strong partnership with Siemens PLM Software enables both companies to increase the value we create for our customers,” said Steve Luby, president and CEO of VISTAGY. “With FiberSIM, customers address the entire composites engineering process, from conception, laminate definition and ply creation through simulation, documentation and manufacturing. By combining that unique capability with the power and functional breadth of NX, as well as the highly respected PLM credentials of Siemens PLM Software, we are extending the ability of both organizations to deliver the benefits of an integrated composite engineering solution to all the industries we serve.”

“By creating a stronger partnership with VISTAGY, we are continuing our strategy of working with the industry’s leading solution providers to constantly improve the value we deliver to our customers,” said Joan Hirsch, vice president of Product Design Solutions, Siemens PLM Software. “With its strong customer base and expertise in composite engineering solutions, VISTAGY is a valued partner, and their FiberSIM solution an ideal complement to NX and the rest of our suite of PLM software.”

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Synopsys and Varian Collaborate on Process Models for Advanced Logic and Memory Technologies

10 February 2011

[Synopsys, Inc.](#) and [Varian Semiconductor Equipment Associates, Inc.](#) announced a collaboration to develop Technology CAD (TCAD) models for cryogenic ion implantation. By enabling faster optimization of the cryogenic implant process through simulation, the models derived from this collaboration will speed up process development of advanced CMOS and memory technologies and reduce process development cost and time-to-market.

Ion implantation forms transistor structures in semiconductor silicon through energetic ion beams. These ions disrupt the crystal structure of the silicon, creating end-of-range damage that impacts device performance as devices shrink. To neutralize the damage, Varian's latest generation of high current implanters enables the ion implantation process to occur at reduced wafer temperature (cryogenic implant), resulting in significant reduction of end-of-range damage, minimizing device leakage and widening process margins.

"Today semiconductor manufacturers face tremendous challenges in improving device performance, achieving high product yield, reducing process R&D costs and meeting time-to-market targets. Therefore, it is increasingly critical for simulation to support novel process techniques to reduce technology development time and cost," said Dr Yuri Erokhin, senior director for strategic technologies at Varian. "Cryogenic ion implant has been proven to significantly improve transistor performance and is a key enabler in the manufacture of advanced devices. This collaboration with Synopsys will enable our mutual customers to explore and optimize the cryogenic implant process with simulation, reducing time-to-market."

Through this collaboration, Synopsys will use experimental data from Varian's cryogenic implant process to develop and calibrate models for its TCAD Sentaurus tools, which are widely used by semiconductor companies in the development and optimization of new manufacturing technologies.

"To reduce development time and cost, our customers need TCAD models that are calibrated to the actual equipment used to fabricate the silicon," said Howard Ko, senior vice president and general manager of the Silicon Engineering Group at Synopsys. "Our joint work with Varian to develop TCAD models for this new cryogenic implant process is an example of our commitment to keep our TCAD Sentaurus tools at the forefront of semiconductor process development."

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Synopsys Announces New Technology for Optimizing Multicore Systems

7 February 2011

Highlights:

- 1) New Multicore Optimization Technology for Synopsys Platform Architect makes creating and utilizing performance models of dynamic multicore applications highly effective in SystemC.
- 2) By capturing performance models of dynamic multicore applications in the early concept phase of system architecture design, architects can measure, analyze and optimize the hardware/software system architecture months before the software is available.
- 3) Platform Architect with Multicore Optimization Technology reduces the risk of over-design and/or under-design in consumer, wireless communications and automotive system design, helping ensure cost-effective and successful products.

Synopsys, Inc. announced the broad availability of Platform Architect with Multicore Optimization Technology, a new solution for performance analysis and early definition of multicore system architectures in SystemC. Using Platform Architect with Multicore Optimization Technology, designers of SoCs, chipsets and systems can capture hardware/software performance models of multicore system architectures in the early concept phase for robust performance measurement and trade-off analysis, months prior to software availability.

"Given the escalating costs of SoC design, system architects have a difficult task in defining the optimum system architecture to support all the desired application use-cases in a cost-effective way," says Rene van den Berg, system architect, car entertainment solutions, NXP Semiconductors. "The new Multicore Optimization Technology embedded in Synopsys' Platform Architect gives architects a clear understanding of the application and required features in an early stage of the project. With this insight on system performance, the hardware and software allocation of available resources, software scheduling scenarios and architecture dimensions and decisions, the overall design cycle time is greatly reduced."

The new Multicore Optimization Technology enables Platform Architect users to create task-driven workload models of the end-product application, known as task-graphs, enabling analysis and optimization of hardware/software partitioning and system performance. After hardware/software partitioning is finalized, architects reuse the same task-graphs and task-driven traffic for SoC-level architecture exploration and IP selection, as well as interconnect and memory subsystem performance optimization. Benefits include optimized multicore system performance, shorter evaluation times and faster time-to-market.

"Developers of multicore SoCs, chipsets and systems often tell us how worried they are about the risks of over-design and under-design, causing either uncompetitive products or expensive re-spins. They are realizing that multicore architecture analysis needs to be much more robust and start much earlier," says Frank Schirrmeyer, director of product marketing, System-Level Solutions, Synopsys. "The new Multicore Optimization Technology for Platform Architect allows our users to find and resolve multicore performance issues while architecture changes are still feasible, avoiding costly re-work to hardware and software implementations."

Interaction between providers of hardware and software IP, multicore SoCs, chipsets and systems have

become increasingly complex. Multicore Optimization Technology for Platform Architect greatly improves the effectiveness and precision of this collaboration by replacing written and verbal specifications with executable performance models of multicore system architectures. These can be easily shared between design chain partners without depending on final software and hardware.

Availability

Multicore Optimization Technology for Platform Architect is available effective immediately as an option for customers of Platform Architect. For more information on Platform Architect please visit <http://synopsys.com/platformarchitect> .

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Synopsys' DesignWare Universal DDR Memory Controller Delivers up to 30 Percent Lower Latency and Increases System Performance

8 February 2011

Synopsys, Inc. announced the release of its enhanced [DesignWare® Universal DDR Memory Controller](#), which delivers up to 30 percent lower latency and offers up to 15 percent higher throughput than the previous generation controller. The DDR Memory Controller offers new features such as high-priority bypass and configurable 'look-ahead.' The high-priority bypass option allows designers to improve latency by bypassing the scheduling algorithm, allowing immediate access to the DRAM. The configurable 'look-ahead' feature provides intelligent scheduling to maximize throughput by prioritizing out-of-order transactions to the DRAM, allowing designers to make trade-offs between area and performance. The Memory Controller also offers a DFI 2.1-compliant interface to the DDR PHY, delivers memory system performance of up to 2133 Mbps and supports the DDR3, DDR2, LPDDR and LPDDR2 SDRAM standards.

"As the leading supplier of SoCs for femtocells and small-cell base stations, we rely on Synopsys, a trusted IP vendor, to provide us with a high-quality DDR IP solution that further helps us differentiate our products in the market," said Will Robbins, vice-president of Silicon, Tools and Platforms at Picochip. "Synopsys' continued advancements in DDR IP allow us to reliably develop high-performance memory systems that are optimized for both throughput and latency."

"Synopsys is continually improving the performance and features of our DDR memory controller solutions," said John Koeter, vice president of marketing for IP and Systems at Synopsys. "By combining the best features of the previous-generation DesignWare Universal DDR memory controller with the best features of the Intelli™ architecture acquired from Virage Logic, we are able to significantly decrease the latency and improve throughput in this generation. With a proven track record of more than 250 DDR IP design wins amongst more than 200 customers, Synopsys offers designers a low-risk path to silicon success."

The DesignWare Universal DDR Memory Controller is part of Synopsys' comprehensive DesignWare DDR IP offering that consists of digital controllers and PHY IP supporting DDR, DDR2, DDR3, LPDDR and LPDDR2. The DesignWare DDR IP supports leading 130-nm, 90-nm, 65-nm, 55-nm, 45/40-nm and 32/28-nm technologies.

Availability

The enhanced version of the DesignWare Universal DDR Memory Controller single-port configuration is scheduled for availability in March 2011. For more information on DesignWare DDR IP, please visit: <http://www.synopsys.com/IP/InterfaceIP/DDRn/Pages/default.aspx>.

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VERICUT 7.1 is Released; User Feedback Drives VERICUT Development

8 February 2011

[CGTech](#) is now shipping the next major version of VERICUT CNC machine simulation and optimisation software. VERICUT 7.1 features significant enhancements to reduce the time required for manufacturing engineers to develop, analyze, inspect and document the CNC programming and machining process. Along with proactively adding new features, CGTech developers and engineers focused on addressing hundreds of customer-driven enhancements.

“VERICUT 7.1 builds on CGTech’s highly successful VERICUT 7.0 release, that contained over 700 customer requests delivered throughout 2010,” said CGTech Ltd managing Director, John Reed. “Version 7.1 contains over 400 customer requests and further improvements to VERICUT’s user interaction, simulation capabilities & analysis, cutting tool creation, and CAD/CAM integration.”

VERICUT Product/Function Overview:

VERICUT is CNC machine simulation, verification and optimisation 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 machine tools, including those from leading manufacturers such as Mazak, Makino, Matsuura, Hermle, DMG, Mori Seiki, Makino and Chiron. VERICUT runs standalone, but can also be integrated with leading CAM systems such as Dassault Systemes Catia, Siemens NX, Creo (Pro/E), MasterCAM, EdgeCAM, Delcam PowerMill and Open Mind Hypermill.

Tool Manager

To further simplify creating a VERICUT tool library, CAD solid models of inserts and holders can be imported into VERICUT. The new feature added to the Tool Manager displays the CAD Geometry window that allows easy identification of which parts of the CAD model file corresponds with holders, cutters, or inserts. CATIA and STEP models are supported.

It is now possible to create and display coordinate systems in the Tool Manager. These coordinate systems can then be used to align tool components.

CAD Model Assembly

A new feature, Assembly, in the Open model file selection window enables the user to extract all individual components of a CAD assembly file and store them in their own model definitions. If Assembly is toggled “on” (checked) a separate model will be created for each component in the CAD model. When toggled “off” (unchecked) all components are used to create a single model. This feature supports STEP, CATIA, and Siemens NX model types.

VERICUT Reviewer

The VERICUT Reviewer incorporates all the functionality of NC Review mode in a stand-alone viewer that does not use a VERICUT license. The Reviewer can play forward and backward while removing

and replacing material. Error messages and NC program text is highlighted when a collision on the stock or fixture is selected. An NC program line display is optional. The user can rotate, pan and zoom just like normal VERICUT, and the cut stock can be measured using all the standard X-caliper tools. The “Reviewer” file can be saved at any point in a VERICUT session.

Cutting Conditions Shown

Cutting conditions are shown in the status display and available when stepping through the program using NC Program Review. The feature shows detailed information about the cutter’s engagement with material, including: axial depth, radial width, volume removal rate, chip thickness, maximum surface speed and contact area.

CNC Process Documentation

With the VERICUT report enhancements, users can preview and customize report templates to include features such as pictures and videos and links to files and websites. These reports have become increasingly valuable for VERICUT users to share CNC machining process information throughout their organisation and supply chains.

Machine Simulation

A new feature has been added for VERICUT collision checking: it is now possible to stop the simulation at an “exact” collision point between the machine components. While simulating an NC block with the Stop At Collision box checked, VERICUT will stop in mid-motion at each collision point. Clicking the Step button continues simulation to the next collision point (or to the end of the motion if no other collisions exist).

Additional Enhancements:

Project tree enhancements including a new UNDO function

The Pro/E interface has been enhanced to improve creation of parametric, sketch, and solid tools.

Helical milling material removal is enhanced by creating a “true helix” motion type.

Material removal for general gear cutting and broaching operations is supported.

Simulation of back spot-facing tools is now supported.

Diameter value is added to hole measurement information in X-Caliper.

VERICUT now supports a full range of six-axis robots to simulate machining, waterjet trimming, fibre-placement, drilling and fastener insertion.

A general linkage component is added to allow the connection of two driven components with a slaved linkage.

The ability to output a NC program, of a different format than the input program, is added to base VERICUT functionality. The method for re-formatting the program is user-configurable.

All popular controls continue to be enhanced with new advanced features: Siemens 840D, Fanuc 30’s, Heidenhain, Okuma OSP, Mazak Matrix.

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Visualizing PLM Data in NX CAD Software

8 February 2011

[NX product design software](#), from Siemens PLM Software, now supports [High Definition 3D \(HD3D\)](#) and Visual Reporting. These capabilities make critical product information much more useful by visually delivering PLM data as part of the product model, enabling design teams to instantly gain knowledge about a product and visualize its impact directly within the context of the NX 3D design session. HD3D reduces time spent on non productive work such as searching for information, resulting in reduced product development times.

HD3D Visual Reporting enables Siemens PLM Software customers to visually comprehend PLM data with interactive navigation, and to drill down to details as needed. While viewing a product's 3D representation, customers can easily get into the right context to answer questions about project status, design changes, team responsibilities, issues, problems, cost, suppliers and other attributes. As a result, NX customers are able to make smarter decisions to create better products.



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