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## CIMdata News

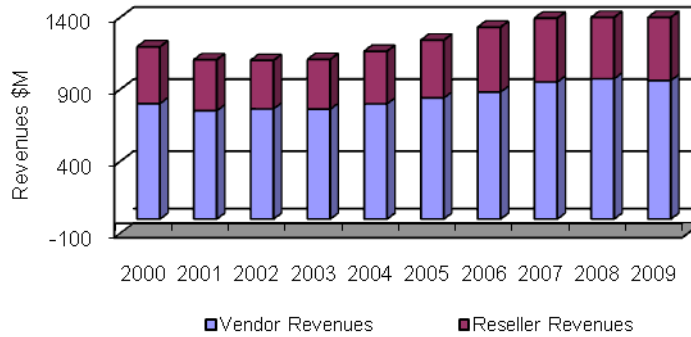
### ***CIMdata Publishes 2008 NC Software Market Report Showing Market Growth of 5.2% in 2008***

May 14 2009

CIMdata, Inc. the leading global PLM consulting firm today announced publication of the 2008 NC Market Assessment Report which estimates that based on end-user payments, the worldwide NC software and related services market grew by 5.2% in 2008 to reach a level of \$1.47 billion. CIMdata further projects that in 2009, the growth rate of these payments will slow to 1.3% as the market approaches the \$1.5 billion level. The expected reduction in the market growth rate in 2009 is a direct result of a downturn in the global economy—specifically the manufacturing industry.

Since a similar downturn in the 2000 to 2002 period, the NC software has shown modest but steady growth as global economies improved. There was worldwide growth in the sale of machine tools and manufacturing output, greater emphasis was placed on the efficient operation of machine tools as manufacturing firms strengthen their competitive position, and the overall PLM (Product Lifecycle Management) market, of which CAM is a component, continued on a strong growth path. CAM software purchases are directly related to all of these factors. The size and growth of the NC software and related services market based on end-user payments is shown in the chart below. It can also be seen that approximately one-third of the end-user payments result in reseller revenues and approximately two-thirds of the revenues are payments to software vendors.

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## Size and Composition of the NC Market

The above information is contained in Version 18 of the CIMdata NC Software and Related Services Market Assessment Report that is now available for purchase from CIMdata. Mr. Alan Christman, CIMdata Chairman and primary author of the report, commented, “Even though the CAM software market (software to control machine tools cutting parts) is a relatively mature market, it has been active and exciting for the past several years. Some software vendors have had annual revenue growth rates of more than 30% per year, a number of significant acquisitions or mergers have been made, integration with other elements of manufacturing software is occurring, new manufacturing areas such as China are emerging, corporations are placing greater emphasis on streamlining manufacturing operations, and the underlying CAM software technology continues to evolve.”

## About CIMdata

CIMdata, a leading independent worldwide firm, provides strategic consulting to maximize an enterprise’s ability to design and deliver innovative products and services through the application of Product Lifecycle Management (PLM) solutions. Since its founding more than 25 years ago, CIMdata has delivered world-class knowledge, expertise, and best-practice methods on PLM solutions. These solutions incorporate both business processes and a wide-ranging set of PLM enabling technologies.

CIMdata works with both industrial organizations and suppliers of technologies and services seeking competitive advantage in the global economy. CIMdata helps industrial organizations establish effective PLM strategies, assists in the identification of requirements and selection of PLM technologies, helps organizations optimize their operational structure and processes to implement solutions, and assists in the deployment of these solutions. For PLM solution suppliers, CIMdata helps define business and market strategies, delivers worldwide market information and analyses, provides education and support for internal sales and marketing teams, as well as overall support at all stages of business and product programs to make them optimally effective in their markets.

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

To learn more about CIMdata’s services, visit our website at [www.CIMdata.com](http://www.CIMdata.com) or contact CIMdata at: 3909 Research Park Drive, Ann Arbor, MI 48108, USA. Tel: +1 (734) 668-9922. Fax: +1 (734) 668-1957; or at Siriusdreef 17-27, 2132 WT Hoofddorp, The Netherlands. Tel: +31 (0)23 568-9385. Fax: +31 (0)23 568-9111.

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## ***“ECAD-MCAD Collaboration Solutions” A New White Paper from CIMdata***

May 13 2009

CIMdata, the leading global Product Lifecycle Management (PLM) consulting and research firm released a new White Paper entitled “ECAD-MCAD Collaboration Solutions.” This paper describes product offerings from PTC and Mentor Graphics that help companies develop electro-mechanical designs regardless of industry sector. This paper provides an overall description of collaboration between the ECAD and MCAD disciplines and presents issues and benefits as well as CIMdata’s assessment of the ECAD-MCAD collaboration solutions of PTC and Mentor Graphics.

PTC and Mentor Graphics have developed their own sets of ECAD-MCAD collaboration solutions that can also work together. These are the first two companies to develop solutions that adopt the new ECAD-MCAD data exchange format introduced by ProSTEP. They support the engineering design process for products that combine both electrical and mechanical content. They help engineers design products in the context of both disciplines, allowing them to make more thorough and informed product design decisions. These ECAD-MCAD collaboration solutions also support active collaboration throughout the design process, allowing more design innovation and facilitating engineering change processes. This is very important since the electrical and mechanical design processes in most companies are carried out by different teams who typically work in isolation from each other and who use different methods to produce their portions of the product design. Communication among the members of these teams is critical to producing high-quality products that meet the requirements of customers.

According to John MacKrell, Senior CIMdata Consultant, “The bottom line is that the benefits of implementing an ECAD-MCAD collaboration strategy today can bring both positive and broad-reaching benefits that can be not only financial, but improve product design quality.”

Electro-mechanical design is a critically important part of the product design process in many companies. However, the integration of electrical and mechanical design into a collaborative design environment is not a simple task. Mr. MacKrell states “What PTC and Mentor Graphics have done in this area is very positive and sets out a direction for continued development. Furthermore, the current solution can provide real benefits today.” Benefits that accrue from ECAD-MCAD collaboration include faster engineering change resolution, more functionally valid designs, and increased product design innovation. When ECAD-MCAD collaboration plays a central role in the product development process, a number of positive impacts accrue.

PTC’s and Mentor’s ECAD-MCAD collaboration solutions are leaders in integrating mechanical and electrical design for businesses across many industries, but the long-term challenge is to support simulation of the complete system’s interactions including those among software, electrical, and mechanical components of a product. While the current suite of products provides a fundamental base for ECAD-MCAD collaboration, PTC and Mentor Graphics have indicated that they will continue to expand the capabilities. This and more is presented in the White Paper. Copies of the “ECAD-MCAD Collaboration Solutions” CIMdata review are available [here](#) at no cost.

### **About CIMdata**

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## Company News

### ***Arena Reports Double-Digit Increases in First Quarter Customer Annuity Subscriptions***

May 13 2009

Arena Solutions, announced another quarter of growth with annuity subscriptions increasing by more than 14 percent over last year for the first quarter, ending March 31, 2009. Despite the challenging economy Arena Solutions grew its renewing installed annuity subscription base 104 percent in Q109, demonstrating the role Arena plays in helping customers.

New customers selected Arena to address their bill of materials (BOM) and engineering change management challenges. In the first quarter, Arena continued its focus on removing financial and implementation obstacles, making the application simpler than ever to adopt. With the web-based software-as-a-service (SaaS) architecture, nearly half of the customers that went live on Arena in the first quarter completed the entire deployment process in eight weeks or less. Half of those customers participated in the new Quickstart program and went live in less than 30 days.

"In the first quarter, we saw a growing number of manufacturers feeling more bullish on their prospects for growth -- and viewing Arena as an essential investment to help get them there," said Ken Bozzini, chief financial officer of Arena Solutions. "Smart companies know that cost-cutting alone will not get them through these economic times; instead they're focused on making strategic investments that can start delivering value right away. That's what they get with Arena, in part because it helps companies reduce product and development costs, but also because it improves productivity, enables more effective

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supply chain collaboration and ultimately helps speed time to market."

Innovative companies bringing change to their industries continue to select Arena as a strategic tool to help them succeed and grow. Among the many new companies to join the Arena community in Q109 are:

- CK Technologies, a leader in engineered plastic systems and components for the commercial truck and bus markets;
- Neato Robotics, a company intending to use robotics and artificial intelligence to free people from household chores;
- CoolIT Systems, a company pioneering a new standard in computer cooling;
- Convey Computer Corporation, an organization changing high-performance computing with the world's first hybrid-core computer; and
- S3C, a company that designs, manufactures and sells next-generation wired and wireless sensors for automotive and industrial customers.

During the first quarter, Arena Solutions also continued expanding strategic partnerships. In February, the company formalized its longstanding relationship with NetSuite amid growing interest among NetSuite users to start using Arena. Adoption began right away; several manufacturers now enjoy using Arena and NetSuite as an integrated SaaS solution for product record management and ERP.

Other significant highlights of Q1 2009:

- The company went live with the Winter '09 release of Arena. With 30 new enhancements -- including a new Arena-SolidWorks Integration -- Winter '09 strengthened the position of Arena as the central hub of the product development process.
- Arena surpassed its 99.5 percent service level agreement for the 12th consecutive quarter, with 99.98 percent uptime in Q1 2009 and a continued commitment to building and delivering the most secure, reliable, collaborative BOM and change management solution available.

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## ***Cadence Announces Winner of Second EMEA Student Design Contest Engineering***

May 14 2009

Cadence Design Systems, Inc. announced Américo Dias and Daniel Oliveira from the Microelectronics Students' Group of the Faculty of Engineering of the University of Porto, Portugal, as the winners of its second electronic design automation (EDA) contest for students in EMEA (Europe, Middle East, and Africa). Cadence held this contest to discover the fastest and most accurate layout designer from top academic institutions across the EMEA region, and out of 60 applicants, Américo Dias and Daniel Oliveira were selected as the winners and have received the title '*Fastest full custom layout designer of the year*' by Cadence in EMEA.

Students from Portugal, France, Germany, Poland, Netherlands, Greece, Sweden, and Austria signed up to participate and to demonstrate their skills learned on Cadence Virtuoso custom IC design platform. The rules were simple. On May 5th, 2009, registered participants received by e-mail a schematic of an analog block consisting of 30 transistors with a number of design and layout constraints. The participant

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who was the first to send back a correct implementation of the schematic using design rule check and layout versus schematic features back to Cadence was declared the winner. Américo Dias and Daniel Oliveira completed the assigned design task and correctly matched every constraint in about 6 hours.

“At Cadence, our intent has always been to collaborate closely with the leading universities across the region, to support first class education and to foster talents,” said Jacques-Olivier Piednoir, vice president of research and development at Cadence, in Sophia Antipolis, France. “This time, we wanted to encourage the participants to attend a contest focused on accuracy and speed, two design challenges that have an important impact on the successful delivery of innovative design products to the market.”

During the opening ceremony at CDNLive! EMEA, Cadence’s annual user conference being held in Munich from May 18-20, 2009, the winners will receive their award from Lip-Bu Tan, Cadence president and CEO, in front of hundreds of design engineers and industry experts. Free training from Cadence Education Services valued at €1.400 is part of the award, along with the invitation to demonstrate their layout skills "live" with the other conference participants.

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## ***Cognizant And SAP Announce Global Services Partnership***

May 13 2009

Cognizant and SAP AG announced a global services partnership in an effort to deliver increased business value by streamlining their engagement and enabling both companies to respond quickly to the ever-changing needs of their customers.

The agreement was signed by Francisco D’Souza, president and CEO of Cognizant, and Bill McDermott, president of Global Field Operations, SAP AG, and member of the SAP Executive Board.

The agreement marks an important milestone in the relationship between the two companies, which have been working together to enable organizations to realize enhanced business results from their investments in SAP solutions and become stronger businesses. The Cognizant SAP Touchstone Center, set up in 2008 at Cognizant’s facility in Bangalore, India, is already working in coordination with SAP Co-Innovation Labs worldwide as the hub of development and innovation at Cognizant that support SAP solutions.

In keeping with the philosophy of collaborative innovation, the Touchstone Center and SAP Co-Innovation Labs help to deliver value-added SAP solutions across industries and domains, develop prototypes for various customer scenarios and proof of concepts, perform interoperability studies and leverage service-oriented architecture (SOA), providing enhanced flexibility, agility and innovative efficiencies in enterprise applications. Through this extended relationship, Cognizant and SAP plan to expand their global reach.

“Cognizant has consistently demonstrated close alignment with SAP, and its elevation to a global services partner marks a significant milestone in our relationship,” said Zia Yusuf, executive vice president, Global Ecosystem and Partner Group, SAP AG. “This expanded partnership is a testament to our collaborative relationship and an important part of our strategy to expand our ecosystem to drive continued customer success.”

With this agreement, Cognizant joins a select group of companies that are a part of the SAP global services partnership program. As a new global services partner, Cognizant will continue to make ahead-

# CIMdata PLM Industry Summary

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of-the-curve investments in developing next-generation SAP platforms, enhancing its SAP consulting practice, creating dedicated SAP sales resources, and supporting marketing activities across North America, Europe and Asia Pacific.

“The expanded partnership underscores our commitment to innovative SAP solutions in line with our vision of enabling businesses to meet the challenges of the new and changing global economy,” said D’Souza. “Cognizant’s global services partnership with SAP is already enabling clients to not only benefit from greater operational efficiencies, but also transform their businesses. By leveraging the world’s best SAP consulting talent, domain expertise and industry best practices, our clients can achieve innovative SAP implementations that deliver unique business value.”

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## ***Dassault Systèmes Wins PACE Award for DELMIA Automation***

May 11 2009

Dassault Systèmes announced that its DELMIA Automation solution was recognized as a 2009 Automotive News PACE (Premiere Automotive Suppliers’ Contribution to Excellence) Award Winner. In its 15th year, the PACE Awards are one of the global automotive industry’s highest honors, acknowledging suppliers for superior innovation, technological advancement and business performance.

Awarded under the PACE Information Technology category, DELMIA Automation software makes it possible for manufacturing engineers to create a virtual production cell or line that includes all devices and their behavior in order to test how a line will perform prior to any physical build. Using the virtual line with the actual PLC controller that will be on the factory floor, months before the line is assembled, saves weeks on the commissioning of the production line.

“We are truly honored to receive this prestigious award,” said Philippe Charlès, CEO, DELMIA, Dassault Systèmes. “It is gratifying to be recognized for our commitment to developing efficient solutions that enable innovation within the automotive industry, helping it to survive and thrive amidst today’s challenges.”

Early implementations of DELMIA Automation have identified an average of 100 mechanical and electrical errors in logic, HMI, and drawings per manufacturing cell. Identification and correction of these issues prior to physical build eliminates two to three man weeks per startup, saving thousands of dollars in engineering and production labor costs. This economic benefit, especially, has become increasingly important for sustainable businesses today.

The 15th annual Automotive News PACE Awards competition was open to suppliers that contribute products, processes, materials or services directly to manufacture cars or trucks. Winners were chosen following an extensive review by industry, academic and business leaders including a comprehensive written application and site visit. DELMIA’s award application referenced recent DELMIA Automation projects with a major OEM.

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May 14 2009

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## ***Delcam Achieves Third Place in CAM Sales***

May 15 2009

Delcam announced that during 2008, the company moved into third place by revenue in CAM sales behind Dassault and Siemens, after achieving record sales over the year, This is the first change in the top three companies in more than five years according to the latest NC Software and Related Services Market report from leading analyst CIMdata

The report also confirmed Delcam’s position as a leading specialist supplier of CAM software and services, Delcam was also shown to have the largest development team in the industry, with 140 people working on the company’s software.

An important reason for Delcam’s success is the company’s diversity, both in the markets it supplies and its geographic coverage. Delcam is the only CAM specialist to appear in the top five suppliers to all of the geographic regions (America, Asia and Europe) and key industries (mould, tool and die; automotive and aerospace) analysed in the report. The move up to third place in the aerospace industry was notable, as this was a sector where Delcam had little market share as recently as five years ago.

The increased popularity of Delcam software is partly due to the new emphasis on efficiency and

# CIMdata PLM Industry Summary

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productivity in companies that previously would have simply used the CAM system that came with their choice of CAD software. “With the level of global competition now increasing, those companies are looking at their choice of CAM system much more carefully,” claimed Delcam Marketing Manager, Peter Dickin. “This closer examination often shows that Delcam’s software can give significant savings, both in programming times and in machining times, as well as improving the quality of the finished part.”

Mr. Dickin also emphasised the breadth of the Delcam software range as a key part of the company’s success. “Together, our complete set of CAM programs, PowerMILL, FeatureCAM, PartMaker and ArtCAM, comprises the world’s most comprehensive collection of machining software, giving us an unrivalled ability to provide solutions to all of a company’s programming needs,” he added. “This benefits larger companies, which can meet all of their CAM needs from a single supplier. At the same time, smaller companies can choose exactly the system they need for their particular combination of products and machine tools, rather than having to accept a compromise solution from a CAM supplier with a more limited range of software.”

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## ***Delcam CRISPIN to show latest footwear CAD/CAM at Shoe & Leather***

May 11 2009

Delcam CRISPIN will demonstrate its broad range of design and manufacturing software for the footwear industry at the Shoe & Leather exhibition to be held in Guangzhou, China, from 2<sup>nd</sup> to 4<sup>th</sup> June. The company is already the world’s largest supplier of CAD/CAM software to the footwear industry – it is the only supplier able to provide a complete solution for the design and manufacture of both uppers and soles. More recently, Delcam CRISPIN has extended its coverage with the addition of dedicated software for the development of orthotics.

The most significant new product for conventional footwear is **TechPac** – a 2D system to generate technical packages for footwear designers to supply to their manufacturing partners. TechPac allows designers to specify the manufacturing processes to be used and the sequences of operations to be followed at all stages of the production of the shoe. It will help ensure that the design is produced exactly as specified and to the required delivery schedule.

The system is supplied with pre-defined templates to specify the path for the flow of manufacturing data during production. These templates can be modified by the user to cover any specific requirements of the design and manufacturing companies, or of the particular project. 2D part geometry, models and images can be imported into the documentation from the range of Delcam CRISPIN design software.

The most important of the new updates is the latest release of the 3D upper design module, **ShoeDesign**. ShoeDesign provides a comprehensive range of options to develop new designs, either based on an existing last or when creating a completely novel product. The software comes with a wide range of materials, textures and colours, while features like stitching, padding, eyelets and laces can all be included to complete the design.

The main focus of the new version has been on improving the ease of use, so making the software simpler for new users to learn and faster for experienced operators to use. The interface has been revised, in particular to reduce the number of icons on the screen at any one time. In addition, the cursor action has been improved to speed up the drawing of style lines, and the selection of menus and icons.

# CIMdata PLM Industry Summary

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The new version of the **LastMaker** software for last design has also been made easier to use, both for the creation of standard lasts and for the development of bespoke designs. Improved creation and editing tools for cross-sections have been added to allow more specific adjustment to the overall design. Similarly, profile-line editing has been enhanced to make it easier to modify the outline shape of the last. Templates are available for the toe, back-curve and bottom sections of the last, so that these sections can be incorporated into the design more quickly and easily.

Developments have also been made to the base **2D Engineer** package. The main new functionality allows Edge Templates to be appended to a part boundary, allowing dependent margins, makers, stabs and notches to be added after the boundary has been created. In addition, work has continued on many areas of 2D Engineer to make the software faster and easier to use.

For orthotics design and manufacture, **OrthoModel** and **OrthoMill** provide a complete solution for the production of high-quality insoles for both the comfort and medical markets. The entire process is driven by a series of menus, which incorporate the terminology used by the industry to describe the various features of the orthotic. This makes it easy for medical and footwear professionals to use, even those having no previous CAD/CAM experience.

The latest addition to the program is a new method for creating “foot-positive” models. This allows patterns to be designed directly from scan data taken from the patient’s foot to create foot orthotics in a variety of materials, including carbon fibre.

A new “cast-dressing” option allows the user to apply corrections directly on the scan of a patient’s foot when designing orthotics. This process duplicates on the computer the modifications made to the cast by adding or subtracting plaster using the traditional methods. In a related development, the scan and the orthotic can now be overlaid and viewed together, so that the extent of the changes can be seen easily.

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## ***Delcam launches Professional Services Group with Singapore Seminar***

May 15 2009

Delcam formally launched the Asian division of its Professional Services Group at a seminar for 75 delegates at the Singapore Airlines Sports Club. The seminar, which included speakers from Makino, Messier Services and A-Star Simtech as well as Delcam, covered developments in aerospace manufacturing, maintenance and repair.

Even though Delcam’s software has been sold throughout Asia for more than twenty years, the Singapore site will be the first office in the region for the Professional Services Group. Like the existing team, the new office will provide process development and prototyping services based on Delcam’s range of CAD/CAM software. A similar focus on helping companies with the manufacture and repair of aerospace components will be the main priority, although the Singapore team will also provide its services to other industries.

Most of the projects undertaken by the Professional Services Group involve the development of turn-key work cells using Delcam’s adaptive machining technology. Adaptive machining uses a combination of machining and inspection technology to allow the production of complex components to a consistently high level of accuracy and quality. Typically, the systems involve a high level of automation, allowing them to be operated by lower-skilled staff. It is expected that the new group in Singapore will also focus

mainly on adaptive machining projects.

The Professional Services Group was formed by Delcam in 2004 to undertake larger consultancy projects for users of the company's CAD/CAM software. The primary business of the group is on working with clients to improve their design and manufacturing processes, and then defining procedures for using Delcam's products to implement those processes.

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## ***GibbsCAM Certified by Autodesk for Inventor 2010***

May 13 2009

Gibbs and Associates, developer of GibbsCAM<sup>®</sup> software for programming CNC machine tools and a Cimatron company, announced that GibbsCAM 2009 has been certified for Autodesk Inventor 2010 software under the Autodesk Inventor Certified Applications Program. Certification is granted only after a product has been thoroughly tested by internal staff at Autodesk. Certified applications meet certain implementation guidelines and have demonstrated the highest levels of robustness, quality, and interoperability with Autodesk Inventor software.

“The timing couldn't be better to be certified under the Autodesk Inventor Certified Applications Program so soon after the release of GibbsCAM 2009, which allows Inventor users to take advantage, with great confidence, of the latest and most recent enhancements made to GibbsCAM,” says Bill Gibbs, founder and president of Gibbs and Associates. “Our joint customers can continue to easily and quickly machine parts from their Autodesk Inventor designs, but now using the powerful additions we have introduced in GibbsCAM 2009.”

Robb Weinstein, Gibbs' Senior Vice President of Sales and Strategic Planning, adds, “With the ever expanding capabilities of GibbsCAM, Inventor users can drive their simplest and most complex machine tools, from 2-axis lathes to multi-axis, multi-task and Swiss turn machines, from 2- and 2.5 axis mills to 3- through 5-axis machining centers. They will find the recent, advanced 3D, high speed machining capabilities, lathe and 5-axis additions extremely productive, all offered within the same, easy-to-use interface for which GibbsCAM is known worldwide.”

GibbsCAM is able to directly read native Autodesk Inventor models and assemblies for process planning and toolpath generation. The Inventor-to-GibbsCAM add-in also allows Autodesk Inventor models and assemblies to be transferred directly from Autodesk Inventor to GibbsCAM. Updates to part geometry and process parameters are easily accommodated by GibbsCAM's full associativity across geometry, processes and toolpaths. GibbsCAM's industry leading ease-of-use allows users to quickly take advantage of its powerful capabilities – from minimizing the time it takes to learn use of the software, to making manufacturing engineering tasks and production machining extremely intuitive and efficient.

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## ***IMAGINiT Technologies Supports Autodesk Assistance Program for Displaced Workers***

May 13 2009

RAND Worldwide, announced that its [IMAGINiT Technologies](#) division will participate in the [Autodesk Assistance Program](#) for displaced workers, providing education, support and tools to its

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clients. Today's economic challenges have impacted IMAGINiT clients significantly and the Autodesk Assistance Program will help people to enhance, maintain and improve their 3D design technology skills to remain competitive in the marketplace.

IMAGINiT will be offering a variety of services and education programs to its design and engineering customers including online training on select courses.

"We are pleased to support Autodesk in their efforts to empower people currently affected by today's challenging economic climate," states Bob Heeg, executive vice president of IMAGINiT worldwide operations. "We are offering a unique experience by providing our most popular training courses online. Unlike other web training offerings, which may only offer a snap-shot of curriculum, IMAGINiT is offering a more complete training experience. Our hope is to provide displaced workers a more comprehensive skill set, giving them an edge in this competitive job market."

Qualified participants will receive, free of charge:

All the content of a full training course delivered live online.

The ability to ask questions and interact with the instructor during the course live and in real time.

Copies of the course material and/or full courseware for each class.

Additional program details and course schedule is available at: [www.rand.com/imaginit/assistance](http://www.rand.com/imaginit/assistance).

In today's economic climate, customers need interoperable and flexible technology tools that can help them deliver projects more quickly and cost-effectively with fewer resources – advantageous both now and when the economy turns. By participating in the Autodesk Assistance Program, IMAGINiT Technologies gives displaced or out-of-work design and engineering professionals the opportunity to enhance existing skill sets, remain active in the professional community and emerge from this economic downturn stronger than they went into it.

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## ***New Web Image for think3***

May 12 2009

Celebrating its 30th anniversary, think3 is introducing a re-imaged and re-styled website: [www.think3.com](http://www.think3.com). The aim of this re-imaging is a new web marketing focus to align think3's online communication worldwide. With this new website, think3 uses the Internet as the enabler of its world-wide strategy and its core communication tool of its new corporate identity.

The new architecture of [www.think3.com](http://www.think3.com) is characterized by dynamic and engaging graphics, simplified browsing, content-filled pages, and ease of communication for customers and prospects alike.

The layout has been completely reworked, with the focus on front-end marketing with easier access to information. Customers and visitors should find direct Internet access very simple, leading to stronger customer and brand loyalty.

[www.think3.com](http://www.think3.com) was designed using the newest technology, and includes:

- New positioning information
- Updated search engine indexing

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- Updated FAQ and Knowledge Base areas
- New picture gallery and demo video downloads that show some of think3's solutions for several market segments

"The new think3 website represents a big change for our company and its image," declares Silvano Joly, think3's Vice President Worldwide Marketing. "We're very confident in describing and promoting our platform for the management of the product development process. The Download and Interaction areas will also promote communication with customers and prospects who are increasingly interested in our complete and effective product developmentNew Building at SAP Philadelphia Campus Features Sustainable Design

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## ***Open Text Enterprise Library Services Achieves SAP(R) Certified Integrations***

May 13 2009

Open Text announced that Open TextEnterprise Library Services has successfully passed the SAP certification requirements for integration with the WebDAV Storage interface of the SAPNetWeaver(R) Information Lifecycle Management (SAP NetWeaver ILM) component and SAP(R) ArchiveLink software. Through this certified integration, customers can use SAP solutions and the Open Text ECM Suite as the basis for an enterprise-wide information lifecycle management (ILM) strategy that can help lower costs and reduce risk.

In the current economy, companies are looking for ways to take costs out of their business, to maintain profit margins in the face of declining revenues and to lower risk. An effective ILM strategy can help organization meet these goals by reducing the costs of managing corporate information, ensuring compliance with information retention regulations and supporting eDiscovery orders.

The ILM WebDAV Storage interface, known as BC-ILM 2.0, verifies that ILM-aware storage systems fully support SAP NetWeaver ILM for secure storage of data, retention enforcement and final destruction. With this certification Open Text Enterprise Library Services provides customers with a hardware-agnostic ILM platform and the freedom to choose their preferred storage platform. Open Text Enterprise Library Services has also achieved certified integration with SAP ArchiveLink. This certification verifies that the Open Text solution performs data and document storage for SAP systems and safeguards that Open Text's solutions continue to be compatible with most current versions of SAP business and industry applications.

Open Text Enterprise Library Services is the foundation of the Open TextECM Suite. The solution combines U.S. Department of Defense (DoD)5015.2-certified records management, content archiving, search and meta data management to support a comprehensive ECM strategy customer's can extend across departments and systems.

Open Text has been providing services in support of SAP content since1993, with the release of its archiving solution for use with the SAP ArchiveLink interface. Now, SAP resells Open Text archiving products under the names SAP Archiving by Open Text and SAP Document Access by Open Text. To provide ILM services covering non-SAP content, Open Text offers a set of integrated components that address the management of different types of unstructured content inside and outside of SAP solutions.

"Open Text ILM working alongside SAP NetWeaver ILM technology bridges the worlds of SAP and non-SAP content," said Patrick Barnert, Vice President, SAPSolutions at Open Text. "Used together,

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these solutions are complete and integrated, and can handle the toughest enterprise-wide ILM demands, reducing total cost of ownership through efficient content storage, increasing productivity through easy access to archived data and documents, and improving compliance." Open Text is an industry leader in ECM solutions for use with SAP applications, leveraging two decades of partnership and co-development, and expertise gained from delivering solutions to more than 3,000 SAP customer sites around the world. Open Text's ECM Suite for use with SAP solutions offers a complete range of capabilities for managing and archiving business documents - incoming/outgoing invoices, orders, delivery notes, quality certificates, human resources documents - that originate from customers' SAP applications. Open Text is an SAP software solution partner with products that have achieved SAP certified integration status. Open Text is also currently the only ECM vendor with solutions that are resold by SAP. For more information, go to: <http://www.opentext.com/sap>.

Open Text's solutions for use with SAP are offered as part of the Open Text ECM Suite, which brings together the broad range of content management capabilities organizations need to securely and safely manage all types of enterprise information documents, vital records, Web content, video, images, email, forms and reports across many different enterprise systems and applications.

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## ***Oracle and SYSTIME to Co-Develop Business Process Integration for Oracle's Agile Product Lifecycle Management (PLM) and Oracle's JD Edwards EnterpriseOne***

May 12 2009

SYSTIME (<http://www.SYSTIME.net>), and Oracle announced a co-development agreement to build Oracle(R) Application Integration Architecture (AIA) Process Integration Packs for Oracle's Agile Product Lifecycle Management (PLM) (<http://www.oracle.com/applications/agile/index.html>) and Oracle's JD Edwards EnterpriseOne (<http://www.oracle.com/applications/jdedwards-enterprise-one.html>)

- The PLM Process Integration Pack will enable rapid implementations of Oracle's Agile enterprise PLM processes integrated to JD Edwards EnterpriseOne ERP. This integration helps JD Edwards customers reduce the cost and risk associated with typical third-party and custom PLM integrations

- Oracle Application Integration Architecture enables the construction of solutions using the AIA Foundation to promote a consistent and Service-Oriented Architecture based approach to business process integration across Oracle and third-party applications

- Since the launch of Oracle Application Integration Architecture, Oracle continues to see strong momentum across its partner ecosystem, with Systems Integrator (SI) partners, such as SYSTIME, making significant investments in strategic co-development efforts. These co-development efforts enable Oracle Partners to obtain technical strength and insight for Oracle AIA through training, development participation and validation programs; and increased revenue opportunities with differentiated, low cost, fast pace and sustainable service offerings. Additionally Oracle is able to rapidly expand the number of AIA integrations available

- SYSTIME is a Certified Advantage Partner in the Oracle PartnerNetwork. (<http://www.oracle.com/partners/index.html>)

### **Open Standards-Based Process Integration Pack for Enterprise PLM**

- The pre-built Oracle PLM Process Integration Pack developed in collaboration with SYSTIME will be

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designed to include core capabilities that support the new product introduction processes within Agile PLM and JD Edwards EnterpriseOne

- Core functionality of the PLM Process Integration Pack is scheduled to include:
  - Design release of new product definition and product launch
  - Change management of previously launched products
  - Bi-directional synchronization of engineering change status and material attribute information, from manufacturing to PLM
  - Tracking and monitoring of the change processing queue
  - A robust error-handling and notification framework.

- Agile PLM enables companies to accelerate product innovation and maximize product profitability by managing the information, processes and decisions about their products throughout the product lifecycle and across the global product network.

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## ***Siemens PLM Software Appoints Steffen Buchwald to Drive Continued Growth in Russia***

May 13 2009

Siemens PLM Software, a business unit of the Siemens Industry Automation Division announced the appointment of Steffen Buchwald as vice president and managing director of the Central and Eastern Europe operating region, which includes Russian operations. In this role, Buchwald is responsible for increasing Siemens PLM Software's market share and leadership in the region.

“Siemens PLM Software's focus is on continued growth of our presence and position in Russia, as well as all of Central and Eastern Europe,” said Dr. Helmuth Ludwig, president of Siemens PLM Software. “Steffen brings with him a wealth of leadership experience and extensive knowledge of working closely with customers to help them meet the challenge of turning ideas into successful products.”

“Our goal is to enhance the company's strong position in Russia,” said Buchwald. “The current economic situation opens up new possibilities to help customers through the turbulence and become a trusted partner. Siemens PLM Software's goal is to continue to maintain its sales strategies in the Central and East European countries and create a foundation for sustainable business success.”

Buchwald has served at Siemens PLM Software since 2000. He earned a Masters Degree in Mechanical Engineering from the Technical University of Magdeburg.

For more information about Siemens PLM Software's operations in Russia please visit [www.siemens.ru/plm](http://www.siemens.ru/plm).

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## ***think 3 and BWIR sign letter of understanding on Engineering Services***

May 12 2009

Barry-Wehmiller International Resources (BWIR) and think3 have signed a letter of understanding to provide engineering services worldwide from their competence centers based in India.

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Think3 defined yesterday the plan to transition its Indian engineering services operations to BWIR, part of the \$1.1 billion Barry-Wehmiller Companies, Inc. based out of St. Louis, Missouri, USA. BWIR is headquartered in the U.S. with primary operations in Chennai, India, and Mumbai, India.

*“Beyond the transition of think3’s Engineering Services Division to BWIR, we look forward to pursuing opportunities in which the synergy between think3 and BWIR will provide greater resource capabilities to meet our global strategic objectives,”* commented Filippo Zuccarello, CEO of think3.

Similar to think3, BWIR has been a pioneer in the engineering services space for more than a decade and offers a breadth of services ranging from CAD services, controls engineering, engineering automation and sourcing of components, including manufacturing consulting. Through this new organizational model, think3 customers will obtain the same quality of service, along with a wider range of services suitable for a manufacturing company.

*“Think3’s Engineering Services Division is a perfect complement to BWIR on multiple fronts,”* stated Senthilkumar Deivasigamany, senior partner of BWIR. *“The type of customers, the model of developing long-term annuity relationships with dedicated teams, and the nature of the work are all a strong fit, which we believe will prove mutually beneficial to our customers as well as our engineering professionals. In addition, BWIR’s people-centric leadership culture will provide a continuity of professional development opportunities for the think3 professionals that join BWIR in Chennai”.*

## **About BWIR**

*Barry-Wehmiller International Resources (BWIR) is a global provider of business and technology solutions to the mid-market manufacturing domain. With headquarters in St. Louis, Mo., and primary operations in India, BWIR's mission is to provide innovative solutions that enable its customers to achieve a competitive edge in their marketplace. The firm is part of the consulting platform of Barry-Wehmiller Companies, Inc., a \$1.1 billion global provider of engineering consulting and manufacturing technology solutions across a broad spectrum of industries.*

For more information, visit [www.bwir.com](http://www.bwir.com)

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## ***V.i. Labs’ Software Piracy Data Validates Industry Trends***

May 12 2009

V.i. Laboratories, Inc. offered an advisory for ISVs in response to the release of the Sixth Annual BSA-IDC Global Software Piracy Study, which estimates that more than a fifth of all software running on PCs is pirated. The report also concludes that governments and software companies are making progress in slowing the illegal use of personal computer (PC) software products, but progress has stalled in the United States, where losses top \$9 billion.

While global data is useful at the industry level, individual ISVs need to understand the specific and direct impact of software piracy on their businesses. Global piracy numbers have increased from 38 to 41 percent: the BSA/IDC research attributes this to emerging markets and fast growing PC markets, particularly in China and India. What the report doesn’t address are the best methods for ISVs to recover revenue once they have been compromised.

Based on V.i. Labs' independent research of 80 percent of BSA member companies, an estimated 21 percent are using some form of piracy business intelligence to assess their actual problem and identify

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the businesses using their unlicensed software.

“Many organizations still believe that their piracy issue is ad hoc and the companies who use pirated software would not otherwise pay for it,” said Victor DeMarines, vice president of Products for V.i. Labs. “It's clear from today's research that the best chance for revenue recovery efforts, ISVs need to focus on who is using the pirated software, rather than focusing on who is pirating their products. Given the increase of global piracy and specific data we see from our customers, we advise ISVs to turn their attention to piracy as a lead generation process and a way to recover revenue from the businesses that are ultimately making a profit at the ISVs' expense.”

V.i. Labs helps ISVs learn about their specific piracy issue and gather data directly from infringing organizations to recover license revenue. Thirty percent of the BSA member companies are high value software vendors who have seen piracy group release activity grow an average of 155 percent over the last three years. Product lifecycle management (PLM), engineering, and electronic design automation (EDA) customers who implemented V.i. Labs' piracy business intelligence solution (CodeArmor Intelligence) have reported the following:

A large PLM vendor generated more than 40,000 actionable infringement leads within five months of releasing their Service Packs and Beta products.

Several customer deployments have reported detecting pirated use well ahead of the actual Piracy Group releases. This phenomenon indicates that end users or even licensed customers have enough reverse engineering skills and sophistication to emulate the crack approaches used by the piracy groups to disable licensing. This behavior has been reported on both software and hardware (USB dongle) based systems. It was estimated in one deployment that 30% percent of the infringements were generated from cracks not initiated from piracy groups.

In all deployments the piracy detection and reporting capabilities were still available after the piracy group releases.

About V.i. Laboratories (V.i. Labs)

V.i. Labs is the first company to offer Anti-Piracy and Software Protection solutions that enable companies to recover revenue and protect their software intellectual property by detecting, reporting, and preventing the misuse of their applications. Its patented CodeArmor® platform allows software vendors and enterprise organizations to harden their applications against theft and tampering, and to gain business intelligence on the unlicensed use of their software to uncover new revenue streams. V.i. Labs is privately held and is headquartered in Waltham, Mass. For more information, please visit [www.vilabs.com](http://www.vilabs.com).

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## Events News

### ***COADE Discovery Tour to Feature CADWorx Plant Design Suite on May 26 in Lisbon, Portugal***

May 14 2009

COADE announced today that a COADE Discovery Tour event featuring the CADWorx Plant Design Suite is scheduled for May 26, 2009, in Lisbon, Portugal, organized in conjunction with Estupe – Engenharia e Projectos, COADE's dealer in the region. This educational session will feature the latest

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capabilities of the company's popular CADWorx Plant Design Suite plus introductions to CADWorx P&ID, CADWorx fieldPipe and CADWorx fieldPipe for CloudWorx.

COADE Discovery Tour events held worldwide in 2008 attracted record numbers of plant designers and engineers. "Last year's record attendance and the excellent numbers we are seeing this year confirm that CADWorx Plant Design Suite is recognized as the future of plant design," explained Paulo Moncores, the business development chief for Latin America, Portugal and Spain at COADE. "This is a first-hand opportunity for plant designers and engineers to see these plant design tools in person and learn how they will help them improve productivity, eliminate errors and waste, and produce quality deliverables in substantially less time."

Other COADE Discovery Tour events featuring CADWorx Plant Design Suite are scheduled for May 28<sup>th</sup> in Porto, Portugal; June 2<sup>nd</sup> and June 4<sup>th</sup> in Rio de Janeiro and Sao Paulo, Brazil; June 16<sup>th</sup> in Lima, Peru; Jun 14<sup>th</sup> in Doha, Qatar; June 16<sup>th</sup> and June 17<sup>th</sup> in Dubai and Abu Dhabi, UAE; June 30<sup>th</sup> in Santiago, Chile; July 22<sup>nd</sup> and July 24<sup>th</sup> in Quito and Guayaquil, Ecuador; and October 13<sup>th</sup>, Caracas, Venezuela. Details and registration information are available at COADE's website, [www.coade.com](http://www.coade.com). Information on Estupe is at <http://www.estupe.com/coade.html>.

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## ***CimatronE and GibbsCAM Highlighted at Machine Tool Event in Italy***

May 13 2009

Cimatron Limited announced that it will be participating in the open house of the machine tool distributor for Spinner in Italy.

As part of a continuing effort to strengthen partnerships with global machine tool builders, Cimatron's Italian subsidiary Microsystem is working together with UMA machine distributors at their open house in Italy. They will demonstrate the proven results that can be achieved by using Cimatron's two product lines, CimatronE and GibbsCAM, to program various 2.5-5-Axis milling and multi tasking mill-turn machines.

"Cooperation with Machine Tool Builders is a priority for the Cimatron Group," said Kobi Rosenwasser, VP of Global Machine Vendor Partnerships. "We are working together to show that advanced technology is the best response to the difficult economic challenges of 2009. We want to help our customers get ahead of the game this year, so they will be equipped to overcome the crisis."

The Open house has been organized by Utensileria Macchine Attrezzature (UMA), reseller of Spinner Machine Tools, in Bologna, Italy from May14th to 16th.

At UMA Open House, CimatronE will simulate the cutting of an inlet on a Spinner U620 5-Axis machine. The simulation will demonstrate an efficient, gouge-free toolpath used for accurate cutting inside the stock -- leaving the stock's external structure intact.

CimatronE will also program the cutting of three parts on a Spinner DMH 3-Axis high speed milling machine. These include a copper electrode and two molds made of STAVAX(R) and TOOLOX33(R) Materials, respectively. The live cutting will demonstrate the accuracy and high surface quality CimatronE can achieve in many different materials at high speed.

GibbsCAM will program the turning and cutting of a hollow punch on a Spinner TC400 Machine with a motorized C-Axis. The live production of this hardened steal part will show the efficiency of

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GibbsCAM MTM programming, and the high quality finish that can be achieved.

In addition, Renishaw will be showcasing their Productivity+ GibbsCAM plug in, which integrates the creation of probing cycles with the creation of metal cutting tool paths within GibbsCAM.

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## ***“Mastercam X4 Live!” Event Unveils CAD/CAM Announcement***

May 11 2009

CNC Software Inc., developers of Mastercam CAD/CAM software, announced a series of global rollout events for the new Mastercam X4. Attendees worldwide will learn programming tips and tricks, and will get an inside look at how Mastercam X4 can help them boost their shop’s bottom line.

Mastercam X4 delivers dozens of powerful new features aimed specifically at saving time and boosting productivity. As a special thanks, event attendees will also be entered into a drawing to win a seat of Mastercam software and other prizes.

For more information on the X4 Rollouts, please visit [www.mastercam.com/x4rollout](http://www.mastercam.com/x4rollout).

About Mastercam

Developed by CNC Software, Inc., Mastercam is Windows®-based CAD/CAM software for 2- through 5-axis routing, milling and turning; 2- and 4-axis wire EDM; 2D and 3D design, surface, and solid modeling; and artistic relief cutting. CNC Software is a privately owned corporation founded in 1984. The U.S.-based company provides Mastercam CAD/CAM solutions to more than 124,000 installations in 75 countries in industries including mold-making, prototyping, automotive, medical, aerospace, and consumer products. Mastercam runs under Windows 2000, Windows XP, and VISTA, and is compatible with all other CAD/CAM systems. For more information about CNC Software, Inc. and its Mastercam family of products, contact CNC Software, Inc., M - F, 8 AM - 6 PM EST at (800) 228-2877 or (860) 875-5006, 671 Old Post Road, Tolland, CT 06084. Or visit [www.mastercam.com](http://www.mastercam.com).

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## ***PTC to Speak at the JPMorgan Technology Media and Telecom Conference On Monday, May 18, 2009***

May 12 2009

PTC announced that management will speak at the JPMorgan Technology Media and Telecom Conference on Monday, May 18, 2009, at 2:20 pm (ET).

**What:** PTC to present at JPMorgan Technology Media and Telecom Conference

**When:** Monday, May 18, 2009, at 2:20 pm (ET)

**Where:** <http://metameetings.com/webcasts/jpmorgan/technology09/directlink/?ticker=PMTC>

**Replay:** The presentation will be archived for public replay until May 21, 2009 at [www.ptc.com/for/investors.htm](http://www.ptc.com/for/investors.htm).

The presentation will include management's discussion of PTC's business and outlook, which may include material projections and other forward-looking statements regarding PTC's anticipated financial results and growth, as well as the development of PTC's products and markets and other future events. Please note that statements made in the presentation are as of the date of the presentation and PTC does not assume any obligation to update any statements made or the archived presentation. In addition, any forward-looking statements about PTC's anticipated financial results and growth, as well as about the development of products and markets, are based on current plans and assumptions. Actual results in future periods may differ materially from current expectations due to a number of risks and uncertainties, including those described from time to time in reports filed by PTC with the U.S. Securities and Exchange Commission, including PTC's most recent reports on Form 10-Q and Form 10-K.

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## ***Sescoi Concludes French User Seminar Events***

May 12 2009

Sescoi presented the latest version of its automatic CAM/CAD software WorkNC V20, and its collaborative viewer WorkXPlore 3D, at a series of user seminars held throughout France over the past few weeks.

Engineers from companies such as Valeo, Ermo, Allio, Loire Etude and Seva Saint Gobain attended the sessions to learn more about the new and enhanced functionality, as well as ever greater advances in automation, available in Version 20 of WorkNC.

The sessions included a presentation from the CETIM (the French Industrial and Mechanical Technical Center). SESCOI has been working with the CETIM and partner companies from the medical device, precision component and moldmaking sectors on a high-speed 5-axis machining project.

CETIM's presentation outlined the project group's innovative approach to cutting difficult-to-machine materials such as titanium and cobalt based steels, and how it is building up a knowledge base of machining methods and cutting conditions to optimize the process. Some of this knowledge is already being incorporated into WorkNC.

Innovations in WorkNC V20 previewed by the seminar attendees included a number of new functions such as global finishing and interactive drilling.

Auto 5, WorkNC's module that takes 3-axis toolpaths and automatically transforms them into collision free 5-axis toolpaths, has been enhanced with spiral finishing and lollipop cutter support. The R&D investment in WorkNC over many years has resulted in a versatile automatic CAM/CAD system which is ideal for all industries, from aerospace through to medical, where precise and reliable machining operations, fast programming and ease of use are vital.

Leading French moldmaker, George Pernoud, spoke of the rapid return on investment (34 day pay back period) the company had achieved using SESCOI's latest software tool, the WorkXPlore 3D high-speed collaborative viewer. Pernoud has seen time spent on each project slashed by up to 50% since they

installed the Manufacturing Pro version of the software. Representatives from the company outlined how they were now able to import CAD model data from a wide variety of design systems, then combine it and share it around the company and through their supply chain. Tools within the software enable users in Pernoud to work collaboratively and concurrently to analyze, mark-up and measure each design, and thereby greatly reduce time to market.

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## Financial News

### ***A Fifth of PC Software in United States is Pirated, Posing Challenges to High Tech Sector and Cyber Security***

May 12 2009

Governments and software companies are making progress in slowing the illegal use of personal computer (PC) software products, but progress has stalled in the United States, posing serious challenges to the high tech sector and cyber security.

These are among the findings of the Sixth Annual BSA-IDC Global Software Piracy Study released today by the Business Software Alliance (BSA). The study was conducted by IDC, the information technology (IT) industry's leading global market research and forecasting firm.

In 2008, the rate of PC software piracy dropped in about half (57) of the 110 countries studied, remained the same in about a third (36), and rose in just 16.(1) The *worldwide* PC software piracy rate rose for the second year in a row, from 38 percent to 41 percent, because PC shipments grew fastest in high-piracy countries such as China and India, overwhelming progress elsewhere.

In another sign of the scale of the problem, the monetary value of unlicensed software -- "losses" to software companies -- broke the \$50 billion level for the first time. Worldwide losses grew by 11 percent to \$53.0 billion in non-adjusted dollars, although half of that growth was the result of the falling U.S. dollar. Excluding the effect of exchange rates, losses grew by 5 percent to \$50.2 billion. This compares to a legitimate PC software market of \$88 billion in 2008, and a personal computer market of \$244 billion.

The United States has the lowest PC software piracy rate in the world, 20 percent. However, it has the largest dollar losses from piracy, \$9.1 billion, because it is by far the world's largest software market. Losses have risen steadily in recent years while the piracy rate has hovered around 20-21 percent.

"We are continuing to make progress against PC software piracy in many countries, which helps people working in the U.S.-led global software industry. That's the good news," said BSA President and CEO Robert Holleyman.

"The bad news is that PC software piracy remains so prevalent in the United States and all over the world," Holleyman added. "It undermines local IT service firms, gives illegal software users an unfair advantage in business, and spreads security risks. We should not and cannot tolerate a \$9 billion hit on the software industry at a time of economic stress."

### ***Negative Impacts of Piracy Go Far Beyond Software Industry***

Software piracy affects much more than just the global software industry. For example, for every \$1 of software sold in a country, there is another \$3 to \$4 of revenues for local IT service and distribution

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firms. High piracy thus means fewer jobs in IT services. A [2008 IDC study](#) predicted that lowering PC software piracy by 10 points over four years would create 600,000 additional new jobs worldwide. That projection has been confirmed by actual experience in China and Russia, the new study says.

Software piracy also increases the risk of cyber crime and security problems. For example, the recent global spread of the Conficker virus has been attributed in part to the lack of automatic security updates for unlicensed software. And in a 2006 study, IDC found that 29 percent of Web sites and 61 percent of peer-to-peer sites offering pirated software tried to infect test computers with "Trojans," spyware, keyloggers, and other tools of identity theft.

Software piracy also lowers tax revenues at a time of increased fiscal pressures on governments worldwide. According to the 2008 IDC study noted above, reducing piracy by 10 points would generate \$24 billion in higher government revenues without a tax increase.

## ***Impact of Global Recession Is Mixed***

The global economic recession is having a mixed impact on software piracy, the study says. John Gantz, chief research officer at IDC, notes that consumers with reduced spending power may hold on to computers longer, which would tend to increase piracy because consumers are more likely than other types of PC users to load unlicensed software on older computers. However, pocketbook pressures are also spurring sales of inexpensive "netbooks" and laptops, which tend to come with legitimate pre-loaded software; and spurring businesses to implement software asset management (SAM) programs to increase efficiencies and lower IT costs.

"Reduced buying power is only one of many factors affecting software piracy," Gantz says. "The economic crisis will have an impact -- part of it negative, part of it positive -- but it may not become fully apparent until the 2009 figures come in."

Among other factors affecting PC software piracy, the global spread of Internet access is driving up piracy, with IDC projecting 460 million new Internet users coming online in emerging markets in the next five years. Growth in the number of consumers and small businesses will also bring more high-piracy users into the fold.

On the positive side, factors contributing to falling piracy rates include legalization programs offered by software vendors and governments; public-private partnerships in education and enforcement, including BSA's anti-piracy initiatives; new software distribution models such as "cloud computing"; the influence of compacts such as the World Intellectual Property Organization (WIPO) and the European Community; and better technical protection measures such as digital rights management.

"The proven 'blueprint' for reducing piracy is a combination of consumer education, strong intellectual property policies, effective law enforcement, and legalization programs by software companies and government agencies," Holleyman said. "The progress seen in so many nations is proof that this anti-piracy strategy works."

## **Among the study's other key findings:**

While emerging economies account for 45 percent of the global PC hardware market, they account for less than 20 percent of the PC software market. If the emerging economies' PC software share were the same as it is for PC hardware, the software market would grow by \$40 billion a year. Lowering global piracy by just one point a year would add \$20 billion in stimulus to the IT industry.

The lowest-piracy countries are the United States, Japan, New Zealand, and Luxembourg, all near 20

## CIMdata PLM Industry Summary

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percent. The highest-piracy countries are Armenia, Bangladesh, Georgia, and Zimbabwe, all over 90 percent.

The highest-piracy regions are Central/Eastern Europe (67 percent) and Latin America (65 percent). The lowest regions are North America (21 percent) and the European Union (35 percent).

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### ***Agilent Technologies Reports Second Quarter 2009 Results***

May 15 2009

#### Highlights:

GAAP net loss of \$101 million, or (\$0.29) per share

Non-GAAP earnings of \$44 million, or \$0.13 per share(1)

Positive operating cash flow of \$137 million in quarter

Revenue of \$1.09 billion, down 25 percent from last year, orders down 33 percent from one year earlier

Restructuring actions on track to achieve \$525 million of annualized savings by mid-2010

Agilent Technologies Inc. reported revenues of \$1.09 billion for the second fiscal quarter ended April 30, 2009, 25 percent below one year ago. Second quarter GAAP net loss was \$101 million, or (\$0.29) per diluted share. Last year's second quarter GAAP net income was \$173 million, or \$0.47 per share.

During the second quarter, Agilent had restructuring and asset impairment charges of \$98 million and \$12 million of non-cash amortization. It also recognized a quarter-to-date tax adjustment of \$31 million and had \$4 million of other net charges. Excluding these items, Agilent reported second quarter adjusted net income of \$44 million, or \$0.13 per share. On a comparable basis, the company earned \$172 million, or \$0.46 per share, one year ago.

“In the second quarter, Agilent continued to deal aggressively with the effects of the severe global economic downturn,” said Bill Sullivan, Agilent president and chief executive officer. “Total revenues of \$1.09 billion were 25 percent below last year despite the relative outperformance of our Bio-Analytical Segment, which was off 6 percent.

“The global collapse of electronics production caused severe declines in our Electronic Measurement and Semiconductor & Board Test segments, where revenues were off by 33 percent and 63 percent, respectively, from one year ago. As previously announced, we are moving very quickly to restructure these businesses to achieve double-digit profitability even at these severely depressed activity levels.”

Second quarter Return On Invested Capital(2) fell to 8 percent compared to 24 percent one year ago because of lower earnings. Net working capital was reduced by \$228 million from last year, and cash generated from operations during the second quarter was \$137 million. The company ended the quarter with net cash of \$922 million.

Looking ahead, Sullivan noted that there are some tentative signs that the global downturn may be nearing a trough. Said Sullivan, “If these early signals of a bottoming in global electronics markets continue, we could anticipate a bottoming in our electronic measurement business in the next few months. There are also some indications that bio-analytical markets could begin to benefit from the

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global stimulus packages by year-end. Based on these indicators, we would expect full year fiscal 2009 revenues to be down roughly 25 percent from 2008.

“Our restructuring of corporate infrastructure and the businesses is on track to achieve \$525 million of annualized savings by mid-FY2010. Regardless of the economic environment, our commitment is to remain cash-flow positive, to keep employees focused on customers, products and technologies, and to deliver performance consistent with Agilent’s operating model.”

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## ***Aspen Technology Announces Selected Preliminary Financial Results for the Third Quarter of Fiscal Year 2009***

May 15 2009

Aspen Technology, Inc. announced selected preliminary financial results for the third quarter of fiscal year 2009, ended March 31, 2009.

Mark Fusco, Chief Executive Officer of AspenTech, said “During the third quarter, the company’s renewal rates and overall deal flow were solid. However, several of the largest transactions we were pursuing did not close during the quarter, which combined with the difficult economic environment, led to down year-over-year license bookings of approximately \$41 million.”

Fusco added, “During the quarter we closed 27 license transactions between \$250,000 and \$1 million, which was an increase of 35% year-over-year and 29% sequentially. In addition, we closed 9 license transactions of greater than \$1 million during the third quarter, which was generally consistent with both the year ago quarter and the second quarter of fiscal 2009. Our average deal size of over \$490,000 in the third quarter was lower than the over \$650,000 level in the year ago quarter and reflected the absence of larger multi-seven figure transactions in the current period.”

Fusco concluded, “Many of AspenTech’s process manufacturing customers are facing increased economic pressures, and it remains unclear how this may ultimately impact our business. Interest levels in our aspenONE suite of solutions remain very high and we continue to believe that AspenTech is well positioned as a result of our proven ROI, unique value proposition and long-standing customer relationships with recurring term-based contracts. We believe our focus on running highly efficient operations and further strengthening the overall financial profile of the company will benefit AspenTech over the long term.”

The Company’s cash balance at March 31, 2009 was approximately \$127 million, an increase compared to approximately \$123 million at the end of the second quarter of fiscal 2009. The company did not sell any installments receivable during the third quarter of fiscal 2009, and it reduced its total secured borrowings balance by approximately \$15 million, bringing the nine month fiscal year-to-date reduction to approximately \$35 million. This is consistent with the company’s plan to build a subscription cash flow model and improve its balance sheet.

### **Conference Call and Webcast**

AspenTech will host a conference call and webcast today, May 15, 2009, at 8:00 am (Eastern Time) to discuss the Company's selected preliminary financial results, business outlook, and related corporate and financial matters.

A replay of the call will be archived on AspenTech’s website and will also be available via telephone at

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(800) 642-1687 or (706) 645-9291, conference ID code 98997560 through May 22, 2009.

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## ***Avatech Solutions Reports Fiscal 2009 Third Quarter Results***

May 15 2009

Avatech Solutions, Inc. announced financial results for its third fiscal quarter and nine months ended March 31, 2009.

For the third quarter of fiscal 2009, the Company reported revenues of \$8.0 million, compared to \$12.8 million in the prior-year quarter. Selling, general & administrative expenses decreased to \$3.9 million in the three months ended March 31, 2009, compared to \$4.7 million in the same period of the prior fiscal year.

The Company incurred a net loss of \$146,000, or \$(0.01) per fully diluted share, for the three months ended March 31, 2009, compared to net income of \$1.0 million, or \$0.05 per fully diluted share, in the same period in the prior year. Adjusted EBITDA (as defined) was \$106,000 in the third quarter of fiscal 2009, from adjusted EBITDA of \$1.7 million in the prior year period.

For the nine months ended March 31, 2009, the Company reported revenues of \$28.2 million, compared to \$38.1 million in the prior-year period. Selling, general & administrative expenses decreased to \$12.6 million in the first nine months of Fiscal 2009, when compared to \$14.1 million in the same period of the prior fiscal year.

For the nine months ended March 31, 2009, Avatech reported a net loss of \$216,000, or \$(0.03) per fully diluted share, compared to net income of \$2.3 million, or \$0.12 per fully diluted share, for the same period in the prior year. Adjusted EBITDA (as defined) was \$401,000 in the first nine of fiscal 2009 from adjusted EBITDA of \$3.9 million in the prior year period.

“The building and manufacturing markets continue to be adversely affected by the recession, forcing our customers to reduce costs and postpone investments in new software and services. While at this time we cannot predict when our business will return to traditional levels, we can commit that we will continue to monitor the cost containment plans we have put in motion and will take any additional actions that we believe to be necessary. As an example of just how effective these measures can be, our previously established cost containment initiatives and on going business management controls resulted in a return to positive adjusted EBITDA and a small net loss for the third quarter,” commented George Davis, President and Chief Executive Officer of Avatech.

“As part of our effort to drive revenue in this tough market, we are working more closely than ever with our customers in an attempt to bring them improved solutions that add value through enhanced productivity, reduced costs and improved competitiveness. Our core focus right now is trying to balance providing premier service to our large customer base and capturing incremental new business, while ensuring that we manage our day to day operations in the spirit of protecting our cash and liquidity,” continued Mr. Davis.

“I am confident in the business we have built at Avatech and remain committed to maintaining its position of strength through this period so we will be well positioned when the market returns to traditional levels,” concluded Mr. Davis.

## **Conference Call Information**

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Avatech Solutions will hold a conference call to discuss its third quarter results at 11 a.m. ET on May 15, 2009. A replay of the call will also be available through May 22, 2009, and can be accessed by dialing (888) 286-8010 (domestic) or (617) 801-6888, and dialing the passcode (64478089).

A live webcast of the conference call will be available to all investors in the Investor Relations section of the Company's website, [www.avatech.com](http://www.avatech.com). For those who cannot listen to the live broadcast, an audio replay of the call will also be available on the Company's site for a limited time.

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## ***Microsoft Announces Debt Offering***

May 11 2009

Microsoft on Monday disclosed plans to issue up to \$3.75 billion in debt in the first public bond offering in the company's history. Among other things, the software maker said money raised from the bond sale could be used to fund acquisitions.

- \$2 billion of 2.95 percent notes due June 1, 2014
- \$1 billion of 4.20 percent notes due June 1, 2019
- \$750 million of 5.20 percent notes due June 1, 2039

Microsoft intends to use the net proceeds from the offering for general corporate purposes, which may include funding for working capital, capital expenditures, repurchases of stock and acquisitions. The offering is expected to close on May 18, 2009.

The debt issue may signal that Microsoft is looking to build a war chest to fund acquisitions. The company on various occasions has expressed interest in acquiring all, or parts, of Internet rival Yahoo. Such a move could help Microsoft close the gap between itself and Google in the key Internet search market.

Microsoft might also be looking at acquisitions as a defensive measure.

Oracle on April 20 disclosed plans to acquire Sun Microsystems for \$7.4 billion, while IBM in recent months has bought a number of software companies. Amid such consolidation, Microsoft officials may feel the need to complete acquisitions of their own in order to not be outflanked by rivals building out their portfolios through the M&A markets.

One possibility is that Microsoft may be mulling a takeover of German business applications developer SAP as a way to counter Oracle's growing influence in enterprise software market. Some analysts speculate that IBM might also be eyeing SAP.

Others believe that Microsoft is simply taking advantage of a market that's favorable to corporate borrowers. The market for T-bills and other government-backed debt instruments has fallen flat, renewing interest in commercial paper. Microsoft could use some of the funds from the bond issue to buy back shares and boost its stock price.

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## ***MSC.Software Reports Financial Results for the First Quarter Ended March 31, 2009***

May 7 2009

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MSC Software Corporation reported results for the first quarter ended March 31, 2009. Key financial results include the following:

First quarter:

- Total first quarter revenue of \$53.6 million, with software revenue of \$17.4 million, maintenance revenue of \$31.0 million, and services revenue of \$5.2 million;
- First quarter operating income of \$1.5 million; and
- Deferred revenue of \$75.5 million and cash of \$149.1 million at March 31, 2009.

## REVENUE

Total revenue for the first quarter ended March 31, 2009 was \$53.6 million compared to \$61.2 million for the first quarter in 2008. Software revenue for the first quarter totaled \$17.4 million compared to \$22.0 million for the first quarter in 2008. For the first quarter ended March 31, 2009, maintenance revenue totaled \$31.0 million and services revenue totaled \$5.2 million, compared to \$33.0 million of maintenance revenue and \$6.2 million of services revenue for the first quarter in 2008.

"In line with our guidance, total revenue decreased 12% in the first quarter versus last year. While software declined 21%, we achieved profitability and delivered \$1.5 million of operating income," said Ashfaq Munshi, interim CEO and President of MSC Software. "As a consequence of cost containment measures, we continue to see favorable trends in our cost structure."

"A number of key customer wins in the quarter demonstrate that although global manufacturers are feeling the challenges of the macro-economic environment, they recognize that strategic simulation software deployments can positively impact their business and accelerate their return on technology investments. In the first quarter, we completed significant software transactions with Airbus in Europe, NASA and Bombardier in the Americas, and Mitsubishi Motors in Asia Pacific," continued Mr. Munshi.

"My focus as interim CEO is to evaluate and allocate resources consistent with a performance-driven approach to managing the business, while at the same time making sure that our products and the way we do business is aligned with our customers' requirements," concluded Mr. Munshi.

## REVENUE BY GEOGRAPHY

Total revenue in the Americas for the first quarter ended March 31, 2009 was \$16.9 million compared to \$18.5 million for the first quarter last year. Total revenue in EMEA for the first quarter ended March 31, 2009 was \$18.3 million compared to \$23.6 million for the first quarter last year. Changes in the Euro decreased EMEA revenue by \$2.7 million in the first quarter. In the Asia region, revenue for the first quarter ended March 31, 2009 totaled \$18.4 million compared to \$19.1 million for the first quarter last year. Changes in the Japanese Yen increased Asia revenue during the first quarter by \$2.1 million.

## RESULTS OF OPERATIONS AND EPS

Total operating expenses for the first quarter ended March 31, 2009 were \$41.6 million compared to \$53.7 million for the first quarter last year. Operating income for the first quarter was \$1.5 million compared to an operating loss of \$4.5 million for the first quarter last year. For the first quarter ended March 31, 2009, net income from continuing operations totaled \$0.1 million or breakeven for EPS, compared to a net loss from continuing operations of (\$2.2) million or (\$0.05) per diluted share.

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## Implementation Investments

### ***CGS Customer Priscilla of Boston Recognized as an Apparel Top Innovator***

May 8 2009

Computer Generated Solutions Inc. (CGS) salutes customer and luxury bridal gown, accessories designer and retailer Priscilla of Boston who has been named as one of the fashion industry's Top Innovators of 2009 by Apparel magazine. A key factor in the selection is the company's recent implementation of CGS BlueCherry PLM software. The new system has improved communication and collaboration among teams, locations and with business partners, resulting in expanded creativity and streamlined business processes.

The company will be featured along with other recipients in the May issue of Apparel magazine for their leadership, resourcefulness, use of cutting edge technology, and unique business partnerships and strategies.

"As our business expanded and grew, we knew that we had to become more innovative in the way we did business," noted Louise Budd, technology director at Priscilla of Boston. "BlueCherry PLM allows us to consistently deliver on-time or ahead of schedule. Even with our expanded product lines and more styles, we have halved the amount of time it takes us to produce tech packs without adding staff. Our designers, merchants, developers and production teams are now in sync because they have the information they need, when they need it, all from a single system. We are spending less time on non-value added things like creating and searching spreadsheets, making photocopies and passing around paperwork. This frees-up more time to be creative, something that our designers greatly appreciate."

In business since 1945, Priscilla of Boston has experienced significant growth in recent years and now manages six luxury bridal lines with all gowns made to order. The company has transitioned from a single location in Boston to a global company with design and product development teams in New York and production being carried out through global business partners. By making all product information accessible and up-to-date, the BlueCherry PLM system enables the company and its suppliers to streamline business processes and make timelier and better informed decisions throughout the product lifecycle.

"We are delighted to see Priscilla of Boston recognized as the innovation leader that they are," commented Paul Magel, senior vice president, CGS Application Solutions. "Their accomplishments with BlueCherry PLM are particularly impressive considering the high level of product detail, quality and construction standards, and made-to-order business requirements. We are proud to play a role in their continued success."

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### ***Chico's FAS, Inc Selects Gerber Technology's webView Product to Improve Global Collaboration, Workflow and Tracking***

May 13 2009

Chico's FAS, Inc. together with its subsidiaries, a specialty retailer of private branded, sophisticated, casual-to-dressy clothing, intimates, complementary accessories, and other non-clothing gift items under the Chico's FAS, White House | Black Market ("WH | BM") and Soma Intimates ("Soma") brand names has decided to implement Gerber Technology's webView application and upgrade to the browser

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enabled version of Gerber's webPDM to efficiently and effectively manage their product data.

Chico's FAS will use webView in conjunction with Gerber Technology's webPDM solution to enhance collaboration between vendors by providing a single source of data. Centralizing data will allow for accurate information to be gathered more quickly while reducing input redundancy and improving communications between all parties. Collaboration and productivity will be further enhanced through webView's fully integrated calendaring and task management capabilities resulting in a highly effective solution designed to provide maximum user visibility for the entire Chico's FAS team.

"We have been very happy with the existing Gerber products already in use at Chico's FAS and believe the addition of webView along with the upgrade to the new version of webPDM will enhance our productivity, collaboration and visibility capabilities. All of our data will be in one central repository, eliminating silos of information that typically reside in emails and Excel spreadsheets." said Kevin McIntosh, Director of Application Development and Delivery, Chico's FAS.

Launched in October of 2008, webView is a component of Gerber Technology's PLM Software Suite for the fashion industry. During implementation, webView will be mapped to Chico's FAS business processes, while taking into account best practices in order to help them improve workflow, track fit samples, request quotes, calculate costing and gain heightened visibility through dashboards utilizing specific KPIs.

For more information on webView, webPDM and Gerber Technology's PLM Software suite, visit <http://www.gerbertechnology.com/plmsoftwaresuite.htm>

## **About Chico's FAS , Inc.**

The company is a specialty retailer of private branded, sophisticated, casual-to-dressy clothing, intimates, complementary accessories, and other non-clothing gift items. The company operates 1,070 women's specialty stores, including stores in 48 states, the District of Columbia, the U.S. Virgin Islands and Puerto Rico operating under the Chico's FAS. The company has 615 Chico's FAS front-line stores, 41 Chico's FAS outlet stores, 327 White House | Black Market front-line stores, 17 White House | Black Market outlet stores, 69 Soma Intimates front-line stores and 1 Soma Intimates outlet store. The company also conducts e-commerce on its brand websites, [www.chicos.com](http://www.chicos.com), [www.whitehouseblackmarket.com](http://www.whitehouseblackmarket.com) and [www.soma.com](http://www.soma.com).

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## ***Five-year partnership will see TCS helping Volkswagen Group UK consolidate in order to 'sell more vehicles, sell more parts, drive down costs'***

May 13 2009

Tata Consultancy Services (TCS) announced that it has been selected to deliver IT transformation and support services to Volkswagen Group UK Ltd in a five year contract.

TCS will leverage its Global Network Delivery Model™ to provide onshore and offshore IT support and transformation services for the Volkswagen Group's operations throughout the UK, and across the brands Audi, SEAT, Škoda, Volkswagen Passenger Cars and Volkswagen Commercial Vehicles. TCS will support the Volkswagen Group in its business transformation program to meet its aim to 'sell more cars, sell more parts, drive down costs'. TCS will support all brands within the Group as they move to a consolidated, standardised business platform, enabling geographic mobility of Volkswagen Group UK employees, increased flexibility, and cost reduction. This is the first time Volkswagen has implemented

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an onshore-offshore model for its IT systems.

TCS has already started working with Volkswagen Group UK, and was tested within the first week on the project when a major power outage at the UK head office in Milton Keynes caused many of the Group's systems to fail on a Friday evening. From Milton Keynes, the company controls sourcing, marketing and distribution of all vehicles and parts in the UK, therefore the health of its IT systems is critical to the company's operations across the country. TCS, already intimately acquainted with every corner of the system and piece of equipment, mobilised a global team to work overnight onsite and from India, successfully recovering all of the Group's IT services in time for Saturday's trading.

"We couldn't have better proof that we're in safe hands with TCS," said Nick Gaines, Group IS director, Volkswagen Group UK. "We have been deeply impressed by the dedication and collaborative approach taken both by the local and India-based teams. This gives me great confidence in the future relationship between our businesses."

"Understandably, we're seeing an increasing focus on consolidation and cost optimization in the current economic climate," said Duncan Aitchison, partner & president, TPI. "Companies with global operations and disparate brands need to think about streamlining their operations, in the way Volkswagen is doing, to survive and thrive in the future."

"In this challenging environment, organizations are looking to increase efficiency and flexibility in order to stay competitive," said A. S. Lakshminarayanan, Vice-President and Head of Europe, TCS. "By helping Volkswagen Group UK consolidate their IT systems onto a single platform, and harness the power of our Global Network Delivery Model™, we are not only streamlining their infrastructure, but also their wider businesses processes. In the current economic climate, ensuring a business is fit, well and lean, in this way, is the key to success."

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## ***Infor Lights the Fires of Cost Control at Promethean***

May 11 2009

Infor announced that Promethean, a global leader in interactive learning and assessment solutions, has extended its investment in Infor solutions with the purchase of Infor Expense Management. The solution will be rolled out to more than a thousand users throughout the UK, Europe, US, Hong Kong, and China, by mid-2009.

Infor Expense Management will deliver proactive control over a substantial travel and expense budget throughout Promethean's global operations. The improved accounting and control system will be integrated with Promethean's existing Infor ERP LN enabling complete project accounting and precise cost allocation.

Following the successful, global rollout of Infor ERP LN in 2008, Promethean looked at expense management solutions from both Infor and Concur.

Although Concur is already in use throughout Promethean's US offices, the project coding capability of Infor Expense Management, the ease of its international deployment, its low total cost of ownership, and open integration with online booking tools were all critical factors in Promethean's selection.

Infor Expense Management will also enable excellent integration with Infor ERP LN, delivering granular level cost allocation and control over project budgets.

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Infor Expense Management offers a compelling TCO compared to alternative, pay-as-you-go options: "We deliberated for a good six to eight months, weighing up the costs and functional capabilities of the solutions, and Infor was a stronger candidate for the number of users we have," explains Darren Murray, CIO, Promethean.

"It soon became apparent that the TCO over five years was much more competitive through Infor Expense Management than other solutions being offered. In addition, the ability to interface seamlessly with LN, which is the backbone of our manufacturing, planning and finance operations, was a key factor. Infor's project-based functionality also allows us to allocate specific trips or expenses to a given project without sacrificing centralised cost control."

"We view this solution as a strategic asset. Whilst the recession means getting a grip on costs is vital, Infor Expense Management will enable us to do much more. Using the greater visibility on our travel and hotel spend, we will be able to negotiate better rates with suppliers, saving costs throughout the recession and beyond."

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"In the second quarter, Agilent continued to deal aggressively with the effects of the severe global economic downturn," said Bill Sullivan, Agilent president and chief executive officer. "Total revenues of \$1.09 billion were 25 percent below last year despite the relative outperformance of our Bio-Analytical Segment, which was off 6 percent.

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these businesses to achieve double-digit profitability even at these severely depressed activity levels.”

Second quarter Return On Invested Capital(2) fell to 8 percent compared to 24 percent one year ago because of lower earnings. Net working capital was reduced by \$228 million from last year, and cash generated from operations during the second quarter was \$137 million. The company ended the quarter with net cash of \$922 million.

Looking ahead, Sullivan noted that there are some tentative signs that the global downturn may be nearing a trough. Said Sullivan, “If these early signals of a bottoming in global electronics markets continue, we could anticipate a bottoming in our electronic measurement business in the next few months. There are also some indications that bio-analytical markets could begin to benefit from the global stimulus packages by year-end. Based on these indicators, we would expect full year fiscal 2009 revenues to be down roughly 25 percent from 2008.

“Our restructuring of corporate infrastructure and the businesses is on track to achieve \$525 million of annualized savings by mid-FY2010. Regardless of the economic environment, our commitment is to remain cash-flow positive, to keep employees focused on customers, products and technologies, and to deliver performance consistent with Agilent’s operating model.”

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The Company’s cash balance at March 31, 2009 was approximately \$127 million, an increase compared to approximately \$123 million at the end of the second quarter of fiscal 2009. The company did not sell any installments receivable during the third quarter of fiscal 2009, and it reduced its total secured

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borrowings balance by approximately \$15 million, bringing the nine month fiscal year-to-date reduction to approximately \$35 million. This is consistent with the company's plan to build a subscription cash flow model and improve its balance sheet.

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For the nine months ended March 31, 2009, the Company reported revenues of \$28.2 million, compared to \$38.1 million in the prior-year period. Selling, general & administrative expenses decreased to \$12.6 million in the first nine months of Fiscal 2009, when compared to \$14.1 million in the same period of the prior fiscal year.

For the nine months ended March 31, 2009, Avatech reported a net loss of \$216,000, or \$(0.03) per fully diluted share, compared to net income of \$2.3 million, or \$0.12 per fully diluted share, for the same period in the prior year. Adjusted EBITDA (as defined) was \$401,000 in the first nine of fiscal 2009 from adjusted EBITDA of \$3.9 million in the prior year period.

“The building and manufacturing markets continue to be adversely affected by the recession, forcing our customers to reduce costs and postpone investments in new software and services. While at this time we cannot predict when our business will return to traditional levels, we can commit that we will continue to monitor the cost containment plans we have put in motion and will take any additional actions that we believe to be necessary. As an example of just how effective these measures can be, our previously established cost containment initiatives and on going business management controls resulted in a return to positive adjusted EBITDA and a small net loss for the third quarter,” commented George Davis, President and Chief Executive Officer of Avatech.

“As part of our effort to drive revenue in this tough market, we are working more closely than ever with our customers in an attempt to bring them improved solutions that add value through enhanced

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productivity, reduced costs and improved competitiveness. Our core focus right now is trying to balance providing premier service to our large customer base and capturing incremental new business, while ensuring that we manage our day to day operations in the spirit of protecting our cash and liquidity," continued Mr. Davis.

"I am confident in the business we have built at Avatech and remain committed to maintaining its position of strength through this period so we will be well positioned when the market returns to traditional levels," concluded Mr. Davis.

## Conference Call Information

Avatech Solutions will hold a conference call to discuss its third quarter results at 11 a.m. ET on May 15, 2009. A replay of the call will also be available through May 22, 2009, and can be accessed by dialing (888) 286-8010 (domestic) or (617) 801-6888, and dialing the passcode (64478089).

A live webcast of the conference call will be available to all investors in the Investor Relations section of the Company's website, [www.avatech.com](http://www.avatech.com). For those who cannot listen to the live broadcast, an audio replay of the call will also be available on the Company's site for a limited time.

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## **Synopsys IC Validator Adopted by NVIDIA**

May 11 2009

Synopsys, Inc. announced that NVIDIA Corporation has adopted Synopsys' recently announced IC Validator physical verification solution. The IC Validator DRC/LVS solution has been specifically developed for advanced designs at 45 nanometers (nm) and below to offer in-design physical verification as well as signoff. As the inventor of the Graphics Processing Unit (GPU) and the world leader in visual computing technologies, NVIDIA designs multi-billion transistor processors that require the highest level of tool performance and productivity. By achieving near-linear scalability, such as the 20x speedup observed by NVIDIA using 25 CPUs, IC Validator provides accelerated time to tapeout.

"We continue to push design complexity to meet our customers' visual computing needs. To validate such large designs in a timely fashion, we require a high-performance, high-capacity physical verification engine. IC Validator demonstrated that we can verify our largest designs overnight using our standard hardware configurations," said James Chen, manager of VLSI technology at NVIDIA. "In addition, the flexibility offered by IC Validator's highly programmable language will help us customize design flows to improve productivity. Working closely with our foundry partners, we are deploying IC Validator for our designs."

IC Validator has been architected to address the challenges physical designers of complex designs at advanced process nodes face today. IC Validator delivers the high accuracy necessary for leading-edge process nodes, excellent scalability for efficient utilization of available hardware, superior ease-of-use for the physical designer, and high programmability for easier runset development. The solution deploys intelligent auto detection techniques to identify available hardware resources by taking advantage of existing compute job scheduler configurations. This includes configuring an intelligent mix of distributed processing and multithreading to provide the industry's best scalability without special hardware setup. For the runset writers and CAD managers, IC Validator offers a flexible programming language that can cut runset size from 2-10x, lowering the cost of setting up, maintaining and modifying the physical verification environment. Already in production at a world-leading IDM and qualified at

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leading foundries, IC Validator offers incremental capabilities, significant automation and innovative features such as DRC error classification, multi-user collaboration, customized reporting and on-the-fly error reporting.

"As a leading semiconductor company focused on cutting-edge designs, NVIDIA has repeatedly set the bar for physical verification tool performance, capacity and programmability," said Antun Domic, senior vice president and general manager, Implementation Group at Synopsys. "NVIDIA's adoption of IC Validator is a significant endorsement of its benefits and Synopsys' technology addressing the requirements for the industry's most advanced designs."

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## ***The Italian province of Piacenza has kicked off a major manufacturing project by developing a 'virtual bridge' with help from Dassault Systèmes***

May 13 2009

The Piacenza province covers an area of 2,589 square kilometres, is located in the North West of Emilia Romagna and is two thirds mountainous. For around 30 years, the inhabitants of Piacenza have been waiting for the construction of a bridge across the Trebbia river.

The Dassault Systèmes project is expected to help the Piacenza authorities to anticipate work procedures, as well as to feed local curiosity. Once the three-year construction phase begins, citizens will be able to take virtual tours of the bridge through the Piacenza government's Web site.

The Piacenza authorities provided Dassault Systèmes with the chorography curves from its geographic information system, as well as the architects drawings of the bridge. In addition, the composite model used satellite map imagery taken from Microsoft [Virtual Earth](#), as well some onsite photographs.

The 3D terrain reconstruction was achieved using Catia Imagine & Shape, while the bridge model was created using standard Catia solid modelling. Finally, 3DVIA Virtools was used to combine the various sources of input to create the final virtual bridge. The entire project took around ten days from start to finish.

The resulting solution is highly interactive, enabling Web-users to virtually walk on the bridge, travel the bike lane and change the time of day to their liking.

The bridge will cost some 26 million euros to construct.

To view the application in full visit the Italian [Dassault Systèmes Web site](#).

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## ***Vectorworks User Nathan Kipnis Designs Home of the Decade***

May 12 2009

Nemetschek North America congratulates architect Nathan Kipnis for designing the reader's choice "Home of the Decade," an award given in the 10th anniversary May/June 2009 issue of *Natural Home Magazine*.

The winning project, a vacation home located in Sturgeon Bay, Wisconsin, was designed based on the same techniques that provide natural ventilation in a vintage barn. "I used a combination of curved ceilings and remotely controlled, operable windows at the top of a solar chimney," explains Kipnis.

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"This pulled air up and out, allowing the home to be naturally cooled."

Other green features include abundant natural daylight; zoned radiant floors; a wood burning stove; ceiling fans; the use of natural, healthy and local materials; cement fiberboard exterior siding; and a combination of soy-based foam insulation and cellulose in the perimeter walls.

"Vectorworks allowed me to very precisely model the home to fully envision the sun's path during various times of the year, both inside and out," states Kipnis. "This was insightful for us in the office, as well as for the owners, as the design was so integrally tied to the sun angles, views of Lake Michigan, and shading from several types of trees. Thanks to Vectorworks, we successfully resolved all of these factors."

For pictures and more information on the award-winning design including a video, please visit [www.naturalhomemagazine.com/Homes/2008-01-01/Barnhouse.aspx](http://www.naturalhomemagazine.com/Homes/2008-01-01/Barnhouse.aspx)

Nathan Kipnis Architects, Inc. (NKAI) is recognized as one of Chicago's premier green and sustainable architectural practices. NKAI specializes in energy conscious and environmentally responsive designs for residential and commercial applications. For more information, please visit [www.nkainc.com](http://www.nkainc.com)

Nemetschek North America is a wholly owned subsidiary of Nemetschek AG. Nemetschek North America has been developing CAD software for the AEC, entertainment, landscape design, and manufacturing fields since 1985. For more information, visit [www.vectorworks.net](http://www.vectorworks.net)

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## Product News

### ***Agilent Technologies Introduces Education Kits for Analog, Digital and RF Engineering Curriculum***

May 12 2009

Agilent Technologies Inc. introduced a new range of integrated curriculum-based solution kits for educators teaching analog-electronics, digital-systems and RF-communication classes. This further expands Agilent's range of education kits, which include solutions for Basic Electronics, RF Circuit Design and Digital Systems.

Each solution includes carefully designed undergraduate engineering courseware, a mix of teaching slide sets, problem-based student labs and industry-standard measurement equipment. An introductory video on the concept and advantages of Agilent's education solutions is available at [www.agilent.com/find/educationsolutions\\_video](http://www.agilent.com/find/educationsolutions_video).

"These curriculum-based solution kits are aimed at helping educators optimize the use of their equipment and time, enhancing their teaching curriculum," said Mike Kawasaki, manager of Agilent's Education Program. "Through the use of complete classroom solutions and project-based assignments, educators can use Agilent's cost-effective integrated solution kits with great ease without any compromise to performance or quality, boosting their teaching and research capabilities."

#### Agilent's New Education Kits

The Agilent Analog Electronics Lab Station focuses on semiconductor fundamentals, circuit analysis and applications, helping students explore functionalities and applications of diodes, transistors, and op-amps in a circuit. Its integrated curriculum and hands-on lab experiments and assessments enable students to better grasp the concepts and fundamentals of Analog Electronics Coursework. More

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information on the Agilent Analog Electronics Lab Station is available at [www.agilent.com/find/analogkit](http://www.agilent.com/find/analogkit). Pricing starts at \$5,220 and is available for order worldwide.

Targeted at undergraduates studying digital signal processing, the Agilent Digital Signal Processing Lab Solution (DSP) focuses on digital systems design, digital programming and digital logic design for digital electronics classrooms. It incorporates Altera's FPGA Development and Educational tool kit. Additional information about the Agilent DSP Lab Solution is available at [www.agilent.com/find/dsplab](http://www.agilent.com/find/dsplab). The Agilent Digital Signal Processing Lab Solution is available for shipment worldwide now. Pricing starts at \$7,950.

The Agilent Digital RF Communications Training Kit features the principles of digital communication and wireless standards for RF communication courses. Using the latest industrial equipment and software to help students assimilate into the industry, its integrated curriculum also comes in an editable format, allowing lecturers to customize material according to their classroom subjects. Information about the Agilent Digital RF Communications Training Kit is available at [www.agilent.com/find/digitalrf](http://www.agilent.com/find/digitalrf). Prices start at \$9,150, and the kit is available now for order worldwide.

A full listing of Agilent products for educational labs is available at Educator's Corner, Agilent's one-stop resource for engineering educators, researchers and students, at [www.agilent.com/find/edu](http://www.agilent.com/find/edu). Educator's Corner also has a wide selection of comprehensive tools to help enhance higher education curriculum and research capabilities, such as pre-written lab sheets, lecture assistance, reference materials, student resources, product demos/videos, product information, education promotions and discounts

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## ***Algor Offers Expanded Modeling and FEA Techniques and Improved Support for Multiple CAD Tools***

May 13 2009

Algor Inc, a wholly-owned subsidiary of [Autodesk, Inc.](#) (NASDAQ: ADSK), is shipping new functionality with the latest version of [Algor simulation software](#). Algor is now part of the Autodesk solution for [Digital Prototyping](#), which takes engineers beyond 3D to design, visualize and simulate a complete product with a single digital model.

Algor software offers expanded modeling and finite element analysis (FEA) techniques and improved support for multiple CAD software tools. The software's broad range of powerful analysis and simulation tools, paired with [Autodesk Inventor](#) software, the foundation of the Autodesk solution for Digital Prototyping, helps manufacturers increase productivity and competitiveness, speed time to market and reduce costs.

The following new and improved features in Algor V23.1 expand a wide range of analysis and simulation capabilities:

**Improved simulation of multipart assemblies:** Users have greater control over how to connect adjacent parts for a wider range of analysis types.

**Increased efficiency when simulating heat transfer:** A new library of common convection data includes properties for air and water over a range of temperatures.

**Expanded tools for simulating creep:** Users have a broader range of tools for testing high stress levels

as well as the effects of long-term stress on a part.

**Improved collaboration in a multi-CAD environment:** Users can more easily study designs created using Inventor, Solid Edge and SolidWorks as well as CAD geometry stored in ACIS, STEP, IGES and stereolithography files.

"The inclusion of smart bonded contact for heat transfer is great for our multipart assembly analyses," said Algor simulation user Luke McElligott, CEO of Silverarm Ltd. in Exeter, United Kingdom. "We can increase the mesh density on the parts of interest to ensure accuracy while coarsening the mesh in adjacent parts of lesser interest in order to speed up the solution time. Additionally, we have found the improved support for fans in 3D fluid flow analysis to be very useful, allowing us to carry out more detailed flow analysis of HVAC systems."

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## ***ANSYS 12.0 High-Performance Computing Capabilities Mean More Productive Use Of Engineering Simulation***

May 11 2009

ANSYS, Inc. announced significant high-performance computing (HPC) milestones achieved with ANSYS® 12.0. The new release delivers performance gains that enable product development teams to increase the value of simulation by considering large, high-fidelity models in shorter turnaround times. Key HPC achievements in the recent release include optimized parallel computing performance on multi-core processors, expanded support for large simulations, scaling breakthroughs, and support for parallel file systems. These product enhancements deliver HPC capability for multiphysics simulations, engineered to scale from multi-core desktop workstations to departmental clusters and large enterprise supercomputers.

"Engineers today are including more geometric details in their analyses and looking for a more-realistic treatment of physical phenomena. Both of these factors drive the need for performance on the latest computing platforms," said Jim Cashman, president and CEO of ANSYS, Inc. "ANSYS 12.0 is our most HPC-capable release to date, and it delivers value to customers who need faster turnaround and the ability to consider high-fidelity multiphysics simulations. HPC is an important part of Simulation Driven Product Development™, since it delivers efficiency and productivity improvements to engineering organizations seeking to gain a competitive advantage in today's business climate."

ANSYS 12.0 technology incorporates optimization for the latest multi-core processors and benefits greatly from recent improvements in processor architecture, resulting in highly efficient use of parallel processing to reduce the turnaround time for simulation. Improved algorithms for model partitioning, combined with optimized communications and load balancing between processors, have yielded additional parallel scaling breakthroughs. For structural mechanics analyses, dramatically improved scaling is observed on desktop parallel systems, and a major performance milestone of over 1 teraflop has been achieved via cluster computing on 512 cores. Teraflop performance is well over 100 times faster than the fastest single-core performance currently observed, reducing run times from days to minutes on the most challenging simulations. For fluid dynamics simulations, nearly ideal linear speedup has been demonstrated out to 1,024 cores, roughly doubling the core count for ideal scaling compared to previous releases. At 2,048 cores, scaling remained at approximately 80 percent of ideal linear performance. ANSYS FLUENT® 12.0 software introduces parallel input and output (I/O) of files, reducing turnaround time for large simulations that involve extensive I/O and removing file handling as

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a bottleneck for scaling on large clusters. In addition, ANSYS 12.0 technology includes important enhancements that enable larger simulations than ever before, setting the stage for customers to consider highly detailed physical phenomena and full-assembly models in their fluids or structural simulations.

Recognizing that HPC deployment and management are key concerns, ANSYS 12.0 is pretested for interoperability with multiple hardware solutions, including registration under the Intel® Cluster Ready standard and support for Microsoft® Windows® HPC Server 2008, as well as Linux® and UNIX®-based clusters.

“In today’s environment, product development teams are looking to bring their products to market faster with digital prototyping of large, high-fidelity models,” said Kirk Skaugen, vice president and general manager of Intel’s Server Platforms Group. “The performance of the Intel® Xeon® processor 5500 series with the tuned and optimized ANSYS products has delivered speedup of more than two times for ANSYS® Mechanical™ and ANSYS FLUENT applications. This kind of speed is key for today’s mission-critical engineering simulations.”

HPC performance data for the new release and supporting materials are available at <http://www.ansys.com/corporate/partners/partners-hpc.asp>.

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## ***Auto Repair Wizard Introduced in TransMagic R8***

May 14 2009

TransMagic Inc. announced the release of TransMagic R8. This version introduces leading-edge features designed to make 3D designs accessible to all who need them. TransMagic R8 includes a new Auto Repair Wizard, a fresh look to the graphical interface, increased processing speed, assembly hierarchy support and updated CAD version support.

New automated functionality in TransMagic R8 continues the company’s trend of making 3D data exchange easy for everyone. TransMagic R8 introduces an innovative Auto Repair Wizard. This unique Wizard analyzes and validates the quality of 3D geometry and offers single-click “best practice” options to repair the model. The Wizard guides the user through simple steps to ensure the best quality results from any model translation.

“TransMagic R8 provides a quantum leap forward in ease-of-use, automation and file validation,” said Todd Reade, President of TransMagic. “3D data is now accessible to anyone for re-use without requiring special training. This release embodies our easy-to-use philosophy and gives customers sophisticated one-click tools to become data exchange masters.”

TransMagic R8 now utilizes assembly structures and hierarchy for rapid viewing, selecting or exporting individual part models or whole sub-assemblies with a single click in the assembly browser. Increased productivity and smaller file size are accomplished with new file pre-processing which identifies multiple instances of the same part. In models containing more than one ‘instance’ of the same part, the part is only translated once then reused as needed within the assembly providing smaller file sizes, shorter translation times and better efficiency when working with large assemblies.

To provide 3D data exchange options for more applications, TransMagic added new output formats including binary STL and OBJ files. Binary STL files can provide a 10x file size reduction over ASCII STL files. OBJ files can be used to transfer models into popular products such as Autodesk AliasStudio, Maya and 3ds Max. In addition, TransMagic R8 provides new functionality to combine plant design

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models with metadata exported from PDMS for use in CAD or PLM systems.

TransMagic R8 supports new CAD file versions including CATIA V5 R19, Pro/ENGINEER WildFire 4.0, SolidWorks 2009, Siemens NX 6.0, ACIS R19, Parasolid v20, Autodesk Inventor 2010 and HOOPS 16.

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## ***Berkeley Design Automation Delivers Analog FastSPICE Platform with 2x Higher Performance and 10x Higher Capacity***

May 12 2009

Berkeley Design Automation Inc., provider of the Analog FastSPICE™ (AFS) unified circuit verification platform today announced its 2009\_05 major release. Within a single executable, the AFS Platform enables analog, mixed-signal, and RF design teams to verify what would otherwise require numerous simulators. With this release the AFS Platform delivers foundry-certified true SPICE accuracy 5x-20x faster than traditional SPICE for every type of analysis on circuits with up to 10 million elements. The result is proven 2x higher efficiency versus tradition circuit simulators.

The new AFS Platform release includes:

New AFS Mega-Solver matrix solvers that deliver efficient convergence and fast transient analysis for pre-layout and post-layout circuits with up to 10M elements.

New AFS Multi-Core capability which provide up to an additional 2x or higher performance than single-threaded Analog FastSPICE when run on up to 4 cores.

Enhanced Monte Carlo analysis that supports all commonly used features, including Latin Hypercube Sampling, in the industry's leading netlist styles.

WaveCrave™ waveform processor enhancements that provide improved performance, advanced RF calculator functions, 64-bit capacity, and enhanced output file support.

New "master" licenses that enable unlimited use of the company's true SPICE accurate Noise Analysis Option™ and AFS Co-Simulation option.

"Our design verification flow has to be extremely efficient to maintain our technological leadership in RF silicon solutions for the consumer and automotive electronics markets," said Kim Beumer, Director IC Design at Microtune®, Inc. "With the AFS Platform we are getting up to 5 to 10x faster true SPICE accurate results at the block, complex-block, and full-circuit levels. When running the AFS Platform with co-simulation on our full-circuit we are seeing up to 100x speed-up over traditional SPICE with identical results."

"At Axiom we have been using Analog FastSPICE for over two years for verification of our fully integrated CMOS power amplifiers for mobile handsets and we typically get 5x-10x faster results than traditional SPICE simulators with identical waveforms," said David Kang, Vice President of Engineering for Axiom Microdevices. "The AFS Platform enables our design teams to be much more productive. With the addition of AFS Nano, it now addresses our needs for block, complex block, and full-circuit design verification with true SPICE accuracy and within a single executable."

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Analog FastSPICE is the industry's only unified circuit verification platform for analog, mixed-signal, and RF design. Always delivering true SPICE accurate results, it provides 5x-20x higher performance than traditional SPICE, >10 million-element capacity, and the industry's only comprehensive noise analysis. The AFS Platform is a single executable that uses advanced algorithms and numerical analysis to rapidly solve the full-circuit matrix and original device equations without any shortcuts. AFS Platform tools include: AFS Nano SPICE simulator, Analog FastSPICE circuit simulator, Noise Analysis Option™ device noise analyzer, and RF FastSPICE™ multi-tone periodic analyzer.

"AMS/RF design teams need to work as efficiently as possible to do more with their scarce resources—and this is true now more than ever before," said Ravi Subramanian, President and CEO of Berkeley Design Automation. "Never sacrificing accuracy, performance, capacity, or functionality, the AFS Platform enables design teams to perform the fastest iterations, deepest physical analyses, most rigorous characterization, and most comprehensive verification possible."

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## ***Centric Adds Product Profitability Planning Module to PLM Suite***

May 12 2009

Consumer goods and fashion companies seeking detailed product cost and gross margin information early in the product development process – before products launch – will gain this added visibility for the first time with the introduction of the Centric Product Profitability Planning module from Centric Software, Inc.

The new module, part of the Centric 8, Release 3 product lifecycle management (PLM) and sourcing suite, calculates complete product cost and gross margin information – including operating expenses, channel costs, royalties, shipping costs and GMROI – early in the product development process.

“The Product Profitability Planning module provides unprecedented insight into the potential financial success of new products,” says Chris Groves, CEO of Centric. “Companies can save up to millions of dollars by eliminating products with poor margins early in the development cycle, and concentrate their time and resources on those products most likely to provide the highest margins.”

The Centric Product Profitability Planning module also provides financial information down to any level of the bill of materials (BOM) as well as across all SKUs, channels and regions of business. Users across multiple departments can provide input and gain instant visibility to any changes in financial metrics.

Calculating and managing the fully loaded cost of a new product is difficult, explains Groves, since costs like royalties, cost of goods sold, marketing costs, freight costs and channel costs usually are captured by different departments in different systems and spreadsheets. As each new product potentially has multiple SKU variants and channels, the challenge becomes complex. Consequently, companies often fail to determine the true ROI before launching new products – and end up with unanticipated lower margins and product failures.

With this level of information available during early-stage development, marketing, sales and finance executives responsible for new-product profit-and-loss can cut losses, invest in winning products and channels, and focus on improving profitability,” concludes Groves.

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## ***Centric Software Introduces Connector To Link WEBPDM, Centric 8 PLM Suite***

May 13 2009

Apparel companies that use Gerber Technology WebPDM product data management (PDM) software now can integrate directly with Centric 8 product lifecycle management (PLM) and sourcing suite.

The integration allows data currently siloed within WebPDM to be used by others in the enterprise, including merchandising, product management and sourcing teams. The connector, available today, is compatible with both thick-client and Web interfaces of WebPDM, and is backward compatible to WebPDM Version 4.1 and all V5 releases.

The new connector, part of Centric Enterprise Connectivity, enables access to design files stored in webPDM for use within Centric 8 solutions, including Line Planning, Calendar Management, Product Sourcing, and Product Profitability Planning. Now, design teams can continue to leverage the familiar design tools, while the larger enterprise manages the entire product process consistently, more effectively and more profitably.

"The workgroup efficiency of WebPDM for design file management can now be leveraged into business driven PLM processes that impact the top and bottom lines of their business," says Centric CEO Chris Groves. "Now more than ever, product launches, profitable products, and global collaboration are driving fashion companies to expand their IT investments to improve their enterprises. The new connector allows companies to extend the useful life of WebPDM legacy deployments."

Dan Hudson, President of E-Spec, Inc., which partnered with Centric to develop the connector, emphasizes the substantial cost savings realized from the WebPDM integration. "Customers can achieve increased business value without needing to rip out and replace WebPDM. The extensive compatibility offered allows companies to avoid costly upgrades in these times of scarce IT resources."

### **About E-Spec, Inc. ([www.e-spec.net](http://www.e-spec.net))**

E-Spec, based in Coppell, Texas, provides integration products and services for PDM/PLM systems. Products incorporate PDM/PLM data with planning, ERP, sourcing and other business systems. E-Spec software facilitates the use of images (Mac and Windows) throughout the product lifecycle, providing plug-ins and tools for Adobe applications for image re-purposing throughout the enterprise.



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## ***COADE Releases CADWorx Design Create and CADWorx Design Viewer for Publishing and Viewing Date-Limited, Password Protected Review Models***

May 13 2009

COADE announced the release of CADWorx Design Create, an add-on for CADWorx Design Review for publishing date-limited and password protected review models that can be read by CADWorx Design Review and CADWorx Design Viewer. CADWorx Design Viewer is a free viewer that allows project stakeholders to view models published by CADWorx Design Create, including the ability to view animations plus access to all intelligent information including model markups and annotations.

CADWorx Design Review provides 3D review of plant design models for collaboration among designers, project managers, facility owners and other stakeholders involved in the review, modification and approval of designs prior to fabrication or construction.

CADWorx Design Create, CADWorx Design Viewer, and CADWorx Design Review provide full

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integration with CADWorx Plant. Details on these and other COADE products are available at [www.coade.com](http://www.coade.com).

## About COADE

COADE, Inc. is a provider of software for multiple plant design and engineering disciplines. COADE's aims are that design and engineering should share relevant information seamlessly, thereby maintaining accuracy and improving efficiency. COADE's product line conforms to those goals and includes: CAESAR II, the world's most widely used pipe stress analysis software; PV Elite for pressure vessel and heat exchanger design and analysis; CADWorx Plant Design Suite for intelligent plant design modeling, process schematics and automatic production of plant design deliverables; and TANK for the design and analysis of oil storage tanks. COADE, CAESAR II, CADWorx, PV Elite, CodeCalc and TANK are registered trademarks or trademarks of COADE, Inc. For more information, visit [www.coade.com](http://www.coade.com).

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## ***DS SolidWorks Extends Support for SolidWorks 3D CAD Software***

May 11 2009

Dassault Systèmes SolidWorks Corp. (DS SolidWorks) is now extending support for SolidWorks® 3D CAD software versions by a full year.

DS SolidWorks will directly address and remedy any Subscription Services member's confirmed business-critical issue with SolidWorks 2008 through the announcement of SolidWorks 2010 in September – in fact, all the way to December 2009. Until now, SolidWorks ended these remedies three months after the introduction of a new SolidWorks version. With today's announcement, subscribers are eligible for 15 months of updates.

“Although our subscribers have upgraded early to SolidWorks 2009 at a record pace, there are some issues outside of our customers' control that prevent a timely upgrade to take advantage of the new capabilities of our latest software version,” explained Richard Welch, vice president of customer services for DS SolidWorks. “We find that some companies may be in the midst of large-scale projects or want to upgrade hardware along with their software when the timing is more appropriate for their businesses. Knowing that, we want to be a good business partner and offer them the flexibility that they require.”

Requests for DS SolidWorks to address business-critical issues are submitted normally through SolidWorks resellers. The extension is available to subscription customers and helps ensure optimal business performance for organizations and individuals who use SolidWorks.

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## ***Intergraph Expands SmartPlan 3D Plant Design Software Functionality***

May 12 2009

Intergraph has released the newest version of its next-generation 3D design solution SmartPlant 3D with expanded functionality. SmartPlant 3D 2009, part of Intergraph's integrated SmartPlant Enterprise portfolio, offers significant additional functionality.

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Customers using SmartPlant 3D typically realize 25- to 35-percent initial increases in productivity higher quality deliverables and shorter schedules. With the expanded capabilities of SmartPlant 3D 2009, users can expect even further time and project savings.

SmartPlant 3D is Intergraph's next-generation 3D design system. It provides clients with the most productive, highest quality, multi-discipline 3D modeling environment in the world for global multi-office execution of process and power projects. Integration of SmartPlant 3D within SmartPlant Enterprise provides both critical integration to other disciplines during engineering, and critical integration for capital Project Lifecycle Management (cPLM) for handover to owner operators for the ongoing operations and maintenance of their plants.

The new features of SmartPlant 3D 2009 include:

- Design reuse – A new “Model Data Reuse Wizard” allows users to efficiently copy complex systems and the objects nested under those systems to a new destination within the same site database. This is a significant market differentiator that allows the systematic reuse of 3D model data.
- Enhanced referencing of laser scanning data – Users can integrate laser/pointcloud data with the design model for detailed design and engineering reviews, extending its use into plant revamps and other brownfield projects. The overall value and savings realized through referencing laser data into SmartPlant 3D can result in savings of more than \$2 million and 10 percent shortened project duration on an average \$100 million revamp.
- Breakthrough 3D display performance – Designers can perform 3D navigation (pan, rotate, zoom in/out, fit, view, update, etc.) on even the largest models using high-performance graphics with an order of magnitude improvement in response time, allowing users to move and orient quickly through their largest models.
- Extended modeling capabilities – SmartPlant 3D 2009 offers extended modeling capabilities including fireproofing and solids modeling. With rules-based automation of fireproofing material, SmartPlant 3D saves initial design and modeling time. It also will support sophisticated modeling of concrete structures and complex equipment, which is particularly helpful in industries with many unique geometries such as the nuclear and offshore industries.
- Content – A large amount of content has been added including symbols for flanges, valves, valve operators, fittings and specialty items, instruments, jacketed pipe, cable trays, duct bank, lighting, conduit, HVAC and many more. This large content database greatly reduces implementation time & risk, and further assists clients to create more standardized deliverables.
- Citrix Presentation Server 4.5 support – SmartPlant 3D 2009 is fully supported and tested on Citrix Presentation Server 4.5 (XenApp 4.5) for companies using Citrix for virtual deployment and cost management.

Intergraph, key customers and partners worked closely to deliver these new features. For example, JGC, a premier global engineering contractor based in Yokohama, Japan, was instrumental in SmartPlant 3D's new, best-in-class fireproofing capabilities.

“The ability to model fireproofing in SmartPlant 3D extends well to fulfill the engineering requirements,” said Yukio Uchida, a senior civil engineer at JGC. “Configurable client (fireproofing) specifications along with delivered encasement types and user specified 2D symbols allow us to cover all our fireproofing needs. Quantities for weight, volume, surface areas, and center of gravity are easily extracted. The fireproofing is automatically updated as the member changes cross section, type, or

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length. Intelligent interference detection is continually maintained to ensure proper clashes with other disciplines while restricting false clashes with neighboring steel. For companies that also have programming knowledge, the functionality can be even further extended using the delivered rules and symbols.”

Patrick Holcomb, Intergraph Process, Power & Marine executive vice president, said, “This new version of SmartPlant 3D incorporates important new capabilities with the proven performance of the industry’s only next-generation design solution to enable users to quickly realize the productivity gains and competitive edge that are critical in today’s demanding environment.”

SmartPlant 3D 2009 is available immediately. For more information, visit [www.intergraph.com/smartplant3D](http://www.intergraph.com/smartplant3D).

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## ***Lattice Technology Releases New Lean Manufacturing Book, Available Free of Charge***

May 11 2009

Lattice Technology, developers of digital manufacturing applications using the XVL® format, today released the first 2 chapters of the new book, “Improving Lean Manufacturing Through 3D Data” by Dr. Hiroshi Toriya.

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

“Manufacturing is the engine that will power every country in the world out of recession and back into growth. But importantly, to create that power, manufacturers have to be yet more lean and significantly more efficient than they already are,” commented Dr. Toriya, president and CEO, Lattice Technology. “This book is intended to help manufacturers worldwide, by delivering the thought processes and strategies of major manufacturers in Japan in their efforts to make manufacturing leaner with 3D.”

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

To find out more, view selected pages and to register to download the book, visit Lattice Technology’s Book Resources page at page at: [http://www.lattice3d.com/book/index\\_1.html](http://www.lattice3d.com/book/index_1.html):

About Dr. Toriya

Dr. Hiroshi Toriya is the president and CEO of Lattice Technology, which was founded in 1997 with a mission to deliver very lightweight 3D viewing technology. His career started after he graduated from Tokyo University in 1983 with his bachelor’s degree in science, and began development work at Ricoh building a solid modeling kernel as part of Prof. Chiyokura’s team. Dr. Toriya then built the team at Ricoh that supported, sold and further developed the resulting DESIGNBASE kernel. In 1989 Dr.

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Toriya gained his PhD on the strength of his thesis “A study of an Interactive Solid Modeler Containing Free-form Surfaces”. He was appointed president and CEO of Lattice Technology in 1999.

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

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## ***NGC Takes Compliance to a New Level with Latest Releases of PLM and Global Sourcing Software***

May 13 2009

NGC (New Generation Computing) announced the latest releases of the company’s e-PLM and e-SPS software, encompassing the entire product lifecycle for fashion, apparel, footwear and retail.

Highlights of e-PLM 2009 and e-SPS 2009 include NGC’s CPSIA Compliance module, the industry’s first solution for managing CPSIA testing, as well as integrated support for the 10+2 Importer Security Filing (ISF) requirements. e-PLM 2009 and e-SPS 2009 also improve collaboration by further enhancing NGC’s best-in-class web capabilities, making it easier to share work throughout the global supply chain.

### **Simplified management of CPSIA and 10+2 requirements**

With its latest releases, NGC makes compliance and testing management an integral part of its software, delivering more extensive compliance capabilities than any other PLM or global sourcing solution provider.

NGC’s CPSIA Compliance software is available as an optional module for e-PLM and e-SPS or as a standalone product. It allows retailers and manufacturers to easily manage the process of requesting, tracking, approving and sending the General Certificate of Conformity (GCC) and Certificate of Compliance (COC) documents that are mandated by the CPSIA. NGC’s software also allows companies to manage the dozens of third-party lab tests that are required for apparel design and production.

Support for 10+2 requirements, formally known as the Importer Security Filing and Additional Carrier Requirements, is incorporated throughout e-PLM and e-SPS 2009. Companies can collect, maintain and manage information needed for 10+2 ISF filings; electronically share the 10+2 information with the agent that is filing the ISF; issue alerts throughout the supply chain regarding 10+2 records; and notify import managers with the 10+2 details of each shipment.

### **Enhanced web capabilities, new options for Quality Control**

NGC makes it easier than ever to work from remote offices through a number of new web-enabled features, including the ability to now do full style builds on the web in e-PLM 2009. e-PLM also includes enhancements to the fit, spec and sampling process to allow multiple sizes and size classes per sampling; the ability to maintain color and grade rule tables as well as label and packing instructions over the web; and enhancements to the measurement and spec pages to allow comments and overrides on POMs. Additional remote capabilities include purchase order entry on the web in e-SPS, giving users in overseas offices the ability to enter PO’s for factories.

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Supply chain quality continues as a central focus in NGC's latest software release. e-SPS 2009 include new options for the Quality module, giving users more flexibility in managing remote inspections and ranking factories for Quality control.

"NGC is excited about the 2009 releases of e-PLM and e-SPS, which include the industry's most advanced solutions for compliance management and a host of other important features," said Alan Brooks, president, NGC. "Once again NGC takes the lead in providing real answers to some of today's most important challenges for apparel brands and retailers, and we look forward to helping our customers put these new solutions to work."

## About New Generation Computing

NGC's SQL Series is a comprehensive suite of integrated, end-to-end solutions for PLM (e-PLM®), Global Sourcing (e-SPS®) and ERP (RedHorse®). NGC received the highest possible ranking in a leading analyst firm's 2008 report on PLM for apparel and footwear and has been recognized as a top 100 supply chain and logistics company by both Inbound Logistics and Global Logistics & Supply Chain Strategies. Customers include VF Corporation®, A|X Armani Exchange®, Carter's®, Casual Male Retail Group®, Maggy London, R.G. Barry, Hugo Boss®, Dick's Sporting Goods, Isda & Co., Tristan & America®, and Parigi Group.

NGC has offices in Miami, New York, Los Angeles, China, India, Mexico and El Salvador and is a wholly owned subsidiary of American Software Inc.

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## ***Siemens PLM Software Announces New Releases For Its D-Cubed 2D Component Software Solutions***

May 11 2009

[Siemens PLM Software](#), a business unit of the Siemens Industry Automation Division announced the immediate availability of new releases of two of its industry-leading D-Cubed™ component software products. Version 55.0 of the 2D Dimensional Constraint Manager (2D DCM) and the Profile Geometry Manager (PGM) contain new enhancements to improve function and performance.

Detailed descriptions of the enhancements are available online at:

[www.plm.automation.siemens.com/en\\_us/products/open/d-cubed/latest\\_releases/](http://www.plm.automation.siemens.com/en_us/products/open/d-cubed/latest_releases/)

## About PLM Components; Parasolid and D-Cubed

PLM Components are software tools that support innovation and promote interoperability in CAD, CAM, CAE and PLM applications. Siemens PLM Software develops these components, uses them throughout its own applications and licenses them to independent software vendors and end-user organizations. PLM Components include the [Parasolid](#)® software and [D-Cubed](#) products, widely used technologies that provide 3D part and assembly modeling, editing and interoperability, 2D/3D parametric sketching, motion simulation, collision detection, clearance measurement and visualization functionality. Applications include mechanical CAD, CAM, CAE, mold design, sheet metal, AEC, GIS, structural, plant and ship design, CMM, reverse engineering and sales configuration. For more information, please visit [www.siemens.com/plm/open](http://www.siemens.com/plm/open).

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## ***Spatial's Rapid Application Development Framework Accelerates Manufacturers' Time-to-Market***

May 12 2009

Spatial Corp., announces immediate availability of its [Rapid Application Development Framework \(RADF\)](#) to accelerate 3D application development and improve time-to-market for software providers and software-enabled machine manufacturers. RADF provides an application infrastructure, essential 3D functionality, and an extensible framework for rapid development of ACIS-based applications. RADF, together with Spatial's 3D development components, provides a jump start for the development of specialized software with fewer internal resources, and lower development and maintenance costs.

RADF is a natural [3D development solution](#) for the automated machinery and equipment market. These manufacturers produce software-enabled machinery for tasks such as metal working, metal cutting, and robotics. For these companies, RADF provides a foundation for specialized applications that are designed to optimize end-users' specific work-flows, shortening the learning curve and increasing their productivity. Spatial's software components enable development resources within these industries to maintain focus on adding product-specific capabilities, rather than re-inventing basic 3D modeling infrastructure, data exchange, and 3D visualization capabilities.

For full release, visit <http://www.spatial.com/news/rapid-application-development-framework-accelerates-manufacturers-time-market>.

For more information, please visit <http://www.spatial.com> or contact Spatial by email at [info\\_spatial@3ds.com](mailto:info_spatial@3ds.com) or by phone at 303-544-2900.

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## ***Synopsys PrimeTime PX Power Analysis Solution Achieves Broad Market Adoption***

May 14 2009

Synopsys, Inc. announced that Synopsys' PrimeTime(R) PX solution, a key component of the Galaxy(TM) Implementation Platform and part of Synopsys' Eclipse(TM) Low Power Solution, has been successfully deployed at more than 175 semiconductor companies worldwide to perform highly accurate dynamic and leakage power analysis. Seamless integration within PrimeTime, has resulted in the selection of PrimeTime PX as the preferred power analysis solution at companies from all facets of the semiconductor industry. These companies include Analog Devices, Aquantia, Atmel(R), Fujitsu Microelectronics Limited, Integrated Device Technology, Realtek, Renesas Technology and STMicroelectronics.

"STMicroelectronics and Synopsys have collaborated on power modeling and analysis for over 15 years," said Indavong Vongsavady, CAD director, Technology R&D, STMicroelectronics. "Accurate understanding of power, especially static power, is fundamentally important given the rapidly increasing share of designs at 45/40 nanometers. PrimeTime PX represents a trusted solution, and is an integral part of our design flow from estimations early in the design process to sign-off, contributing to our record of first-time silicon successes. "

"Low power design is a crucial element for the Ten Gigabit Ethernet solution that we design," said Ramin Shirani, vice president of Engineering at Aquantia. "Being PrimeTime users, our engineers found the PrimeTime PX solution to be a natural fit within our existing design flow. We consistently use PrimeTime PX throughout our design flow to ensure that our ICs meet our stringent power targets."

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"Our products have enabled key advances in power efficiency in various applications spanning communication network, computer peripheral and multimedia markets," said Chao-Cheng Lee, vice president at Realtek. "Synopsys' PrimeTime PX solution provides great visibility into IC power consumption throughout the design implementation process. Our design engineers trust the tool for power signoff because of its high accuracy."

Battery life, energy efficiency and product reliability are key concerns in complex system-on-chip (SoC) designs, and power analysis has become an integral part of today's design flows. PrimeTime PX expands the PrimeTime timing and signal integrity analysis solution to deliver highly accurate dynamic and leakage power analysis for designs at 90 nanometers (nm) and below. The integration of timing, signal integrity, and power eliminates redundant set-up and calculation steps required when using separate standalone tools. PrimeTime PX features a rich user interface familiar to PrimeTime users, as well as intuitive commands and reports designed to improve productivity. PrimeTime PX is able to complete power analysis on multi-million-gate designs within hours. The latest release has several new advanced features, including cycle-accurate peak power analysis (CAPP) to help designers determine the cycle during which maximum power consumption occurs in a design.

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### ***TransMagic Introduces STL PRO for RAPID Manufacturing***

May 12 2009

TransMagic, Inc., announced TransMagic STL PRO, a new product for the rapid prototyping (RP) and direct manufacturing (DM) markets. The new software product enables anyone to view, repair and easily convert 3D CAD models into STL files for a wide variety of uses including additive manufacturing, rapid prototyping, FEA and other applications that require STL files.

With the rising use of 3D printers and new methods of direct manufacturing, the use of STL files is becoming pervasive. With this new application, anyone can convert 3D CAD files into high quality STL files without having to be a CAD expert. TransMagic STL PRO opens and views all major 3D CAD formats without needing any additional CAD software. The product gives customers single-click 'best practice' options to quickly repair geometry. This ensures that the STL models have the quality needed for applications that require water-tight geometry. The new product offers options to control surface deviation and maximum chord length putting the user in control of the STL file parameters.

"Many people are not familiar with the best practices for creating STL files and may not have the native CAD software available to optimize the model before converting to STL," said Ken Feitz, Marketing Manager of TransMagic. "With TransMagic STL PRO, manufacturers can use the original CAD file to create an STL model with the exact parameters required for the job, any time they need it. Having tight control over the CAD to STL conversion process will produce accurate parts and reduce wasted time and materials."

TransMagic STL PRO is fast and easy-to-use. It reduces the costs of translating and repairing design data to STL. Visit [www.transmagic.com/stl-pro](http://www.transmagic.com/stl-pro) for more information.

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