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CIMdata News

CIMdata Commentary: IFS’ Enterprise Search

4 February 2008

The explosion of information available has put increasing pressure on companies to provide search tools that enable users to more easily find the information that is pertinent to their needs. For the Web, companies like Google, Alta Vista, Microsoft, and many others have developed comprehensive search engines that enable users to search across multiple sites and sources. Initially, these tools simply returned links to any site or URL that contained any part of the input search criteria, and in many cases, users would have to look through a mass of results to find the desired information. Recently, developers of search tools have been adding technologies that constrain or filter the results in order to provide users with a more focused set of results. This is improving the usability of search tools and reducing the time spent in finding pertinent information and links.

As companies have improved their business information systems and added more enterprise applications, the need to provide more effective internal search tools has become more critical. Each company has both focused and enterprise applications. Focused applications are used by a small group of personnel or for a specific business function. Enterprise applications are used by many persons throughout the company and potentially its suppliers, partners, and customers. Enterprise applications are, in some ways, similar to the public Internet as they connect digital information and processes throughout a company, uniting islands of information into a single logical information universe and business environment.

All applications have some type of search capabilities. Focused applications tend to constrain search

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facilities to looking within the data managed or used by that application and assume that the user (usually a person who uses the application frequently) understands what they are looking for and the context within which they will search. Enterprise applications provide a much broader search capability. Both power and casual users will need to perform searches and these may span a wide range of information or aggregate many criteria into a single search request.

Applications feature some type of navigational structure to help users surf among different screens and functions. For many enterprise applications, in order to find information in the business application, users need to know where it is. With enough knowledge and experience in how the enterprise application is configured, users can find what they are looking for. This search method is probably an acceptable way for frequent users of a system to search for a specific piece of information. However, it does not work that well for the occasional user of a system—or even for a heavy user of the system who is searching an application in an area with which they are not intimately familiar. Because enterprise applications are so broad and cover so many different disciplines within a company, it is hard for any one person to have a thorough understanding of even a majority of an application’s functionality.

IFS has addressed these issues by embedding a comprehensive enterprise search capability within its application suite in which the search capabilities are integrated as a component within the application. It provides Google-style searching across the complete IFS suite of business applications—a deep search capability that makes all the information within the IFS application suite easily searchable through a unified interface. Advantages of IFS’ integrated enterprise application search include:

Context—The search engine can use contextual information including data on what tasks that user has been performing in the applications to deliver more targeted results. This concept can also be applied to business process context, so that if a system user is involved in finance-related functions, results that conform to their organizational role can be accentuated.

Intent—Because enterprise application search has full knowledge of the application meta-data (information about information) users can express the intent of a search in simple, well-understood, business terms such as “customer information,” “order data,” “product data,” or other descriptors.

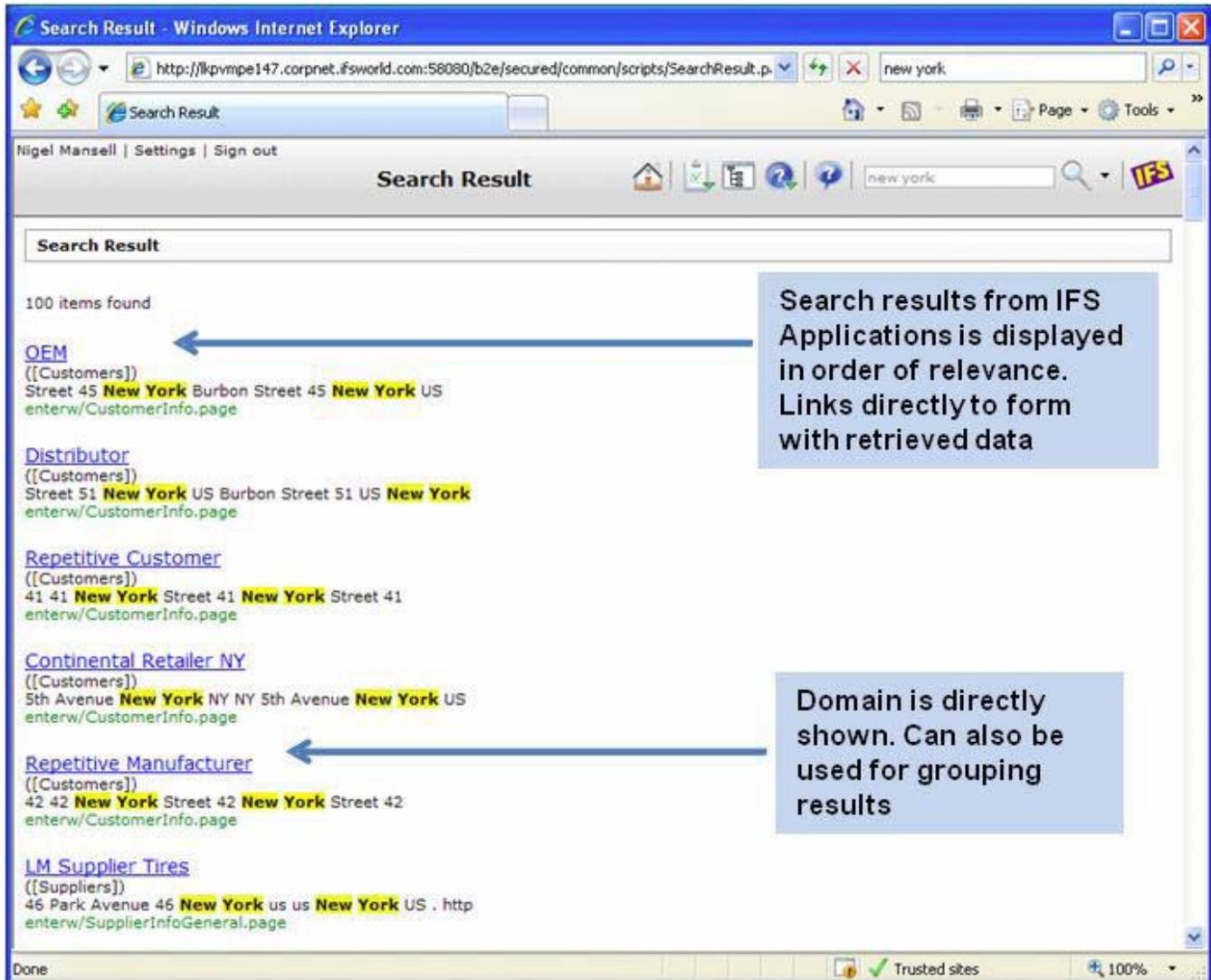
Security—IFS role and data security is applied to all search results, which means search results are only visible to people with the proper user permissions to view that data. For instance, general ledger data, closely guarded in both publicly- and privately-held companies, is automatically protected from unauthorized viewers.

Hybrid Search—Users can combine enterprise context search with traditional meta data search into a single query to deliver the best of both search methods at once.

Cost—Because the enterprise application search tool is integrated into an application, it does not carry additional software licensing and hardware fees or additional integration services.

The following picture illustrates an IFS enterprise search in which the results are displayed in order of relevance.

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CIMdata believes that the [IFS](#) enterprise search provides a significantly improved capability for their users. This search facility enables users of all levels to work within their daily applications and obtain highly-relevant and immediately useful search outcomes, resulting in more productive users and a more efficient and effective workforce.

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The Impact of the Emergence of Large Enterprise Suppliers on the PLM Market to be Addressed at the CIMdata 2008 PLM Vendor Forum

7 February 2008

Consulting and research firm CIMdata will address the impact of the emergence of large enterprise suppliers on the PLM market at its [2008 PLM Vendor Forums](#). These international one-day events will be held in Ann Arbor, Michigan, USA on March 27th, in Stuttgart, Germany on April 17th, and in Tokyo, Japan on April 23rd, 2008. The CIMdata Vendor Forum provides a one-of-a-kind opportunity for PLM solution providers to come together to examine the industry's performance, gauge its progress and set

CIMdata PLM Industry Summary

the vision for its future.

Recognized for many years as the best source of comprehensive and accurate insights into the evolution and directions of the PLM industry, CIMdata will unveil its annual PLM Market Analysis at these Vendor Forums. CIMdata will present and discuss the 2007 PLM Market Analysis, including 2007 PLM market revenues from various perspectives. These include a review of industrial investments in various key PLM functional domains, major industries, and geographic regions. In addition to market investments in various sectors, CIMdata will provide an analysis of the revenue performance of major PLM suppliers.

CIMdata will also present the current state of the PLM industry, with particular emphasis on trends and issues critical to suppliers of PLM technologies and services. Special attention will be on the impact of the emergence of large enterprise PLM suppliers and the challenges and opportunities this has created for all suppliers competing in the market. CIMdata will analyze the drivers for the emergence of large enterprise suppliers, identify these suppliers, and discuss their perspective on PLM and other enterprise solutions.

In addition, [CIMdata](#) will examine the impact of large enterprise PLM suppliers on the industrial companies that are deploying or planning to adopt PLM and the resulting impact on PLM suppliers of all sizes and types. Issues to be addressed include the impact of these suppliers on the buyers and buying process, the required organization and operational structures, the adoption of PLM across the enterprise, and the relationship of PLM investments to other business and IT investments. Other topics to be discussed include the impact of previous commitments to other large enterprise suppliers, PLM investments, pressures for platform consolidation, and continued debate over “best of breed” versus homogeneous solutions. There will also be a discussion of strategies for suppliers of all sizes for successful sales, delivery, and support as PLM becomes a more fundamental component of enterprise investments.

With the advent of large enterprise PLM suppliers and the changes they are creating in the PLM market, one must ask, “Has PLM reached a major business inflection point?” The emergence of the large enterprise PLM suppliers is creating new pressure on all PLM competitors, including small and medium suppliers, systems integrators, and other PLM-related competitors. It is important to understand that opportunities are also being created in the market in new industries, geographies, domains, and companies of all sizes. The increased visibility and importance of PLM is attracting additional enterprise competition, some from traditional sources but also from suppliers that have not previously had any substantial commitment to the PLM market. These and other changing industry dynamics will be discussed as well as the potential acceleration of market growth, business opportunities, and strategies for success in this evolving market.

What is PLM?

PLM is a strategic approach that applies a consistent set of business solutions in support of the collaborative creation, management, dissemination, and use of product definition information. It spans the extended enterprise from product concept to end-of-life—integrating people, processes, business systems, and information. Leading solution providers recognize the importance of PLM to business, and major industrial firms are already reaping significant benefits from their PLM implementations, in sectors ranging from aerospace and automotive to consumer packaged goods and petrochemical.

PLM ties together design, manufacturing, field service, purchasing, marketing, suppliers, customers, and other organizations and disciplines throughout extended intercompany supply chains. PLM allows

companies to maximize their investment in resources, supply chain participants, and current and future IT technologies. It enables companies to unleash their past investments in multiple IT solutions, while maximizing their return-on-investment.

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Company News

Autodesk Inspires Next Generation of Engineers at 17th Annual FIRST Robotics Competition

4 February 2008

For the 17th consecutive year, Autodesk, Inc. is sponsoring the 2008 FIRST Robotics Competition. In addition to donating \$17 million in software, mentoring resources and funds, Autodesk's goal is to inspire enthusiasm for science, technology, engineering and math (STEM) among high-school aged students across the globe and encourage the next generation of engineers to collaborate as a team in designing a robot for a specific purpose. By using Autodesk software to complete their projects, students receive the exposure and training they need to compete for the engineering and design jobs of the future.

"As a long time supporter of FIRST, it's exciting for Autodesk to watch aspiring engineers from all over the globe use our software to compete in this prestigious competition," said Paul Mailhot, senior director of worldwide education programs at Autodesk. "These students are developing real-world skills in design and engineering as part of their participation in the program. Autodesk is committed to working with students in this field and encourages as many students as possible to pursue design and engineering careers."

Founded by Dean Kamen in 1989, FIRST (For Inspiration and Recognition of Science and Technology), designs accessible, innovative programs to build self-confidence, knowledge, and life skills while motivating young people to pursue opportunities in science, technology, engineering and math. Since 1992, Autodesk has been working with the FIRST Robotics Competition to provide students the opportunity to learn about the worlds of engineering and visualization and has contributed more than \$100 million in software for team use.

Autodesk Awards Top Performers

In conjunction with FIRST Autodesk is also hosting their popular design competitions. The Autodesk Inventor Design Competition recognizes the team with the top mechanical design of a robot using Autodesk Inventor software (<http://www.autodesk.com/Inventor>) and the foundation for Digital Prototyping (<http://www.autodesk.com/digitalprototyping>). The Autodesk Design Visualization Competition awards the team who creates the best 3D animation using Autodesk 3ds Max modeling, animation and rendering software (<http://www.autodesk.com/3dsmax>). The animation must fit this year's challenge to develop community-enhancing inventions, including eco-friendly innovations and public service improvements. Winners of these competitions will receive The Autodesk Inventor Award and The Autodesk Visualization Award.

Through FIRST and with Autodesk's help, students get a head start on future engineering careers by using the tools used by professionals in the real world. More than 37,000 students and mentors are involved in the FIRST Robotics Competition (FRC), and this year the FRC welcomes more than 1,500 student teams from seven countries and every state in the U.S. to compete in 41 regional events. Regional winners will advance to the FIRST Championship at the Georgia Dome in Atlanta, Georgia,

being held April 17-19, 2008.

FIRST Tech Challenge

Autodesk is also sponsoring the FIRST Tech Challenge (FTC) through donations of funds, Autodesk Inventor software and training and resources to student competitors. The FTC is a complementary program bringing the spirit and values of the FIRST Robotics Challenges (FRC) to a greater number of students and schools of varying resources. FTC is based on smaller robots that can be built without welding or machining and can be reconfigured to solve a variety of engineering challenges. This makes FTC more affordable and more accessible to a much broader range of student competitors. More than 8,000 high-school-aged students from Brazil, Canada, China, Mexico, Singapore, the U.K., and the U.S. are expected to compete in FTC tournaments from November 2007 through April 2008.

Autodesk has also made multiple enhancements to the Autodesk FIRSTbase website (<http://www.autodesk.com/firstbase>), the Autodesk source for FIRST teams. The site is a complete destination where teams visit to download free Autodesk software, access training, download the Autodesk Kit of Parts, get information on the Autodesk Design Competition, FIRST resources and for team communications. This year's enhancements include extensive online training for both Autodesk Inventor software and Autodesk 3ds Max software, as well as a private collaborative workspace for each team to share files, photos, news, discussions and information.

To learn more about FIRST, go to <http://www.usfirst.org/>.

For more information about Autodesk education programs and solutions, visit <http://www.autodesk.com/education>.

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CGTech celebrates 20 years of VERICUT

4 February 2008

CGTech announced its twentieth year as a leading developer of NC program simulation and analysis software.

CGTech began when Jon Prun, the company's founder and President, recognized a need to verify NC tool path programs without wasting valuable CNC machining time on a prove-out part. As a result, Prun developed VERICUT® software: the world's first widely available, productive method to test numerical control (NC) machine tool paths, without using a machine tool. VERICUT revolutionized NC program verification with an extremely fast algorithm designed to run on desktop computers that simulates material removal using a three-dimensional solid model.

Since its initial release, VERICUT has been enhanced to optimize feed rates and simulate the kinematics of complex multi-axis and multi-spindle CNC machine tools. CGTech's continual updating and enhancement of VERICUT reflects the company's ongoing commitment to delivering solutions for manufacturers. As part of this commitment, VERICUT is 100% developed in-house by CGTech software engineers who have many years of experience in the mechanical CAD/CAM industry.

"We wouldn't be in position to celebrate our 20th without the loyal support of all those who use VERICUT," said Prun. "VERICUT development has always been driven by our customers' needs, and we always welcome feedback from users."

CGTech has seen notable growth during the past two decades, and its customer list consists of thousands

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of companies in virtually every manufacturing industry, including every major aerospace and automotive company. Wholly-owned subsidiary companies have been founded in the United Kingdom, France, Germany, Italy, Japan and China to directly support customers worldwide.

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Delcam's Sales Partners Hold Record Meeting in Spain

4 February 2008

With more than 190 delegates from around the world, Delcam's latest Sales Partner Meeting attracted the highest attendance in the company's history. The Meeting, which was held in Estepona, Spain, was the twenty-second annual meeting of Delcam's international network of Sales Partners and the first to be held away from the company's Birmingham headquarters.

The record number of delegates reflected Delcam's growth over recent years. A recent CIMdata report confirmed the company's position as a world's largest specialist supplier of CAM software and services and also its status as a leading supplier of CAM to the mould tool and die industry. In addition, the report ranked Delcam's CAM development team as the largest in the industry.

The main focus of the meeting was the range of new software releases planned by the company over the coming year. Significant releases are in development for all of Delcam's main products, including the company's complete range of CAM software.

"With our PowerMILL, FeatureCAM, PartMaker and ArtCAM systems, we offer the broadest range of CAM solutions of any company," claimed Delcam's Managing Director Hugh Humphreys. "However, it is not enough to have this wide range unless we can continue to offer the leading products for each of our applications."

As well as continuing to improve its existing products, Delcam will also continue to broaden its range, with the introduction of new software for the design of dental implants and footwear orthotics. These new products will provide further opportunities for the company to expand into an even greater variety of applications and to continue to increase its customer base.

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EMC Enhances Velocity2 Partner Program for EMEA

4 February 2008

EMC Corporation announced significant enhancements to the EMC Velocity² Partner Program for Europe, Middle East and Africa (EMEA). The introduction of Partner Specialties in five solution areas – Consolidation, Backup, Archive, Security and Content – enables Velocity² Partners to differentiate their business model and offer additional value to their customers by delivering complete end-to-end solutions combining hardware, software and services skills.

Velocity² Partners can become part of the Velocity² Authorized Service Network (ASN) Program and receive advanced technical training from EMC and have access to the EMC proprietary service methodologies and tools that are also used by EMC Services specialists. This level of certification will allow partners to engage with customers on a deeper level, enabling them to deliver the highest quality of customer satisfaction. Specialty certifications will be grouped around a set of product, software and services relevant to each solution area.

CIMdata PLM Industry Summary

Partners will receive an advanced set of benefits associated with their Specialty area such as performance based rebates and demand generation support. The Specialty logo displayed by Partners, will allow customers to clearly identify the best 'go-to' Partner in their region for their selected solution requirement.

"As mid-market customers become more and more sophisticated they are looking for a solution provider who can deliver an entire solution. The Specialty areas being introduced into the EMC Velocity² Partner Program will ensure that our Partners are qualified to offer a complete solution based on the customer's needs. The additional services skills set will allow the Partner to own the customer relationship from the initial sale, through to implementation and ongoing support." commented Willem Hendrickx, EMC EMEA Vice President Channel and Mid-Market.

The Consolidation, Backup, and Archive Specialties will be available on 1 July 2008 and the Security and Content Specialties will be rolled out in Q1 2009.

Information about EMC's products and services can be found at <http://www.EMC.co.uk>

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MSC.Software Promotes Amir Mobayen to Executive Vice President for Worldwide Sales and Services

4 February 2008

[MSC.Software](#) has announced the promotion of Amir Mobayen to the position of Executive Vice President for Worldwide Sales and Services. This newly created position will further drive the company's evolution and performance, effectively uniting the existing regional Sales and Services operations into a single, globally connected, field organizational structure.

Mr. Mobayen, who holds a Bachelor of Science degree in Mechanical Engineering from California State University, Northridge, joined MSC.Software in October 2001, bringing his 12 year pedigree of international general management experience and success he gained in his roles as AVNET's Executive Vice President EMEA Field Operations and prior to that in the U.S. based role of Senior Vice President responsible for Global Supplier Relations for IBM. Throughout his six years as Senior Vice President of MSC.Software's EMEA operations, Mr. Mobayen led the Sales and Technical Services organization, achieving continuous profitability and the development of close strategic relationships with many of MSC.Software's key customers.

"Integrating MSC.Software's regional Sales and Services activities into one global operation will drive improved business execution worldwide," said Bill Weyand, Chief Executive Officer, MSC.Software. "Amir's new organization will drive unified "best practices" for our global sales and service operations, while strengthening our industry and channels focus as well. Additionally, the structure of this new organization complements our existing Product Development, Marketing, Finance, Business Operations and Human Resource functions, ensuring new levels of worldwide alignment that will result in improved performance and cost effective delivery, greater customer and employee satisfaction, and ultimately driving the future success of our company."

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New TopSolid Quick Reference Guide

5 February 2008

Missler Software announced the publication of a short guide of 12 colour pages to help discover and understand the essential characteristics of TopSolid 2008: user interface, menus & functions, handy tips on working with the mouse, integrated system bar, keyboard shortcuts, parameters, sketch and dimension, layers.

The TopSolid Quick Reference is based on the TopSolid CAD kernel and is a very useful learning tool to all TopSolid operators. It is an ideal, fold-out document to place beside your computer while using TopSolid. It is available for purchase on <http://www.eni-publishing.com>. Please also contact your local reseller for further information.

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Study Finds Private Label Merchandise Plagued by Quality Concerns

6 February 2008

Retailers are increasing their reliance on private label merchandise sourced from low cost sourcing countries. This reliance has driven improved gross margin, but also created new risks - last year saw a record number of high profile product recalls, mostly on imported goods. The reason: On the one hand retailers create long term contracts with trusted suppliers and collaborate with those suppliers on product design to improve their speed to market. On the other hand those same vendors cut corners to achieve that speed, resulting in inconsistent and sometimes fatal quality problems.

According to RSR's just released benchmark report, "PLM Squared: Product Lifecycle Management Powers Private Label Merchandise", sponsored by Eqos and Microsoft. Over the past two years 70% of retailers whose comparable store sales outperform the average have increased the percentage of merchandise they design in concert with suppliers versus only 33% of poor performers. Eighty percent of these retail winners have enjoyed improvements in gross margin over the same period vs. only 56% of laggards.

"Outsourced manufacturing is a double-edged sword", said Paula Rosenblum, Managing Director and author of the report. "Retailers are getting faster, but their products are not necessarily getting better. A comprehensive program of supplier management is critical to insure standards are met consistently".

RSR's new study provides recommendations for controlling merchandise quality, and outlines the technologies used to support these initiatives.

To obtain a complimentary copy of the report, click:

<http://www.retailssystemresearch.com/document/summary/420>

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Events News

Apache Design Solutions CEO Andrew Yang to Participate in a Panel Discussion on IC-Package-Board Co-Design

5 February 2008

CIMdata PLM Industry Summary

[Apache Design Solutions](#) announced that Andrew Yang, CEO and Chairman of Apache Design Solutions will be participating in a panel titled “Package Extraction, Modeling, and Simulation in IC-Packaging-Board Design” at the DesignCon Conference held in Santa Clara, California. With rising complexity in system designs, there is a need for an accurate IC-package co-design/co-analysis and incremental design enhancements/optimization to ensure properly functioning and cost efficient systems. This panel brings together experts in design and simulation of ICs and packages to discuss the interactions between the two domains and the needed enhancements in electronic design automation solutions.

WHAT: Packaging Extraction, Modeling, and Simulation in IC-Packaging-Board Design

WHERE: DesignCon 2008, Santa Clara Convention Center, Santa Clara, California

WHEN: Wednesday, February 6, 2008, 3:45 pm -5:00 pm

For more information visit:

http://www.designcon.com/2008/conference/tec_panel_wednesday_package.html Due to its length, this URL may need to be copied/pasted into your Internet browser's address field. Remove the extra space if one exists.)

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Call for Speakers: 2008 NA P2E Conference - Delivering on Strategies

February 2008

Abstract Deadline: Monday, March 17, 2008

Share your knowledge and best practices with your peers by speaking at the MESA 2008 North American Plant-To-Enterprise Conference, September 21-23, 2008 at the Rosen Plaza in Orlando, Florida. This year’s conference will focus on the theme, Delivering on Strategies, and showcase how manufacturers are enabling five key corporate initiatives:

- Lean manufacturing
- Quality and regulatory compliance
- Product lifecycle management
- Real-time enterprise
- Asset performance management

Has your production team taken on one or more of these strategic initiatives? The MESA community would like to learn from your experiences. Presentations should:

- Focus on how your production management/plant-wide IT systems support implementation of one or more of these five strategic initiatives. Subject matter may range from planning and implementation to challenges and results.
- Feature Manufacturer/Producer presenters or be a joint presentation between a Vendor & Manufacturer/Producer.

Additional Presentation Topics: Industry standards, solutions requirements development, justifying systems, technology selection, implementing solutions, metrics, and Service Oriented Architecture (SOA).

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EMAIL YOUR ABSTRACT TO: conference@mesa.org by MONDAY, MARCH 17.

Please include:

- Speaker's Name(s)
- Presentation Title
- Contact information: company name, title, email address, phone number(s)
- 300 words or less description of proposed presentation theme and content

Questions? Contact MESA HQ at +1 (480) 893-6883 or via conference@mesa.org.

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Cimatron's Sponsored Webinar on Design & Manufacturing Integration Attracts Hundreds of Toolmakers

7 February 2008

Over 250 tooling executives registered to view an online web seminar (webinar) hosted by American Machinist Magazine and sponsored by Cimatron. The webinar explored how integrating the design and manufacturing processes can help optimize tool shop operations. A recording of the webinar is now available on the Cimatron website at <http://www.cimatrontech.com/>

Keynote speakers at the session included Bruce Vernyi, Editor-in-Chief of American Machinist, Sam Golan, CEO & President, Cimatron Technologies, Inc., and Len Graham, Founder of Len Graham Consulting, and Acting Director of Mold Manufacturing/Engineering, Omega Plastics, Inc.

Graham, with more than 40 years experience in plastic injection mold making and the creator of the "Super Cell" concept, shared with viewers his roadmap for automation. "The objective of automation is to do more work at lower cost and with greater predictability. Implementing automation requires a new approach that involves people, process, and technology. Many automation initiatives fail to recognize the importance of these three elements and fall short on delivering the anticipated results," said Graham.

"Looking at design and manufacturing as an integrated process can help toolmakers and manufacturers accelerate delivery times and improve product quality, while operating in silos can hurt productivity and slow things down," added Sam Golan. "Our goal is to help toolmakers better utilize their assets and resources, get more jobs, and be more competitive and profitable."

Industry executives that are interested in learning more about automation and tool shop optimization can view a recording of the webinar by signing up on the Cimatron website at <http://www.cimatrontech.com/>.

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Grimshaw, SHoP, Zaha Hadid, and Other Leading Organizations to Speak at SmartGeometry 2008 in Munich

7 February 2008

Bentley Systems, Incorporated announced that registration is now open for SmartGeometry 2008, an eight-day, four-event program on the latest developments in computational and parametric design for infrastructure. These much-anticipated events, sponsored by Bentley and hosted by the SmartGeometry

CIMdata PLM Industry Summary

Group, run Feb. 27 through March 5 in Munich, Germany. The premier event – the Conference and Reception on March 5 – will feature a full day of sessions, open to all attendees, led by renowned experts on advanced 3D design. The other events include the GenerativeComponents Pre-Workshop Training Class, the SmartGeometry Workshops, and the SmartGeometry Alumni Summit.

“SmartGeometry 2008 will focus on innovative design tools, technologies, and methodologies that allow and encourage new forms of architectural and structural expression – forms that are radically changing the world of the built environment,” said J Parrish, director, SmartGeometry Group, who is also a director at ArupSport.

The speakers at SmartGeometry 2008 will include some of the world’s preeminent authorities on the theory and practice of advanced 3D design applications such as generative design. Among them will be the SmartGeometry directors and their teams from Kohn Pedersen Fox Associates, Foster + Partners, and Arup; Patrik Schumacher of Zaha Hadid Architects; Brett Steele from the Architectural Association School of Architecture; Professor Helmut Pottmann from Vienna University of Technology; Professor Grossman from Bollinger + Grohmann Ingenieure; as well as representatives from Schlaich Bergermann und Partner, Herzog & de Meuron, Grimshaw Architects, SHoP Architects PC, Gramazio & Kohler, Aedas, and others. Their insights will provide attendees with a broader understanding of innovative and enabling technologies and methodologies that are currently changing modern architectural and structural practice.

Speaker presentations will address new issues arising from generative technology and the underlying architectural goals. The main session topics will include:

- Form as Art – digital tools allow a new aesthetic
- Form as Craft – digital manufacturing is opening up new avenues of expression
- Form as Computation – computational tools, such as optimization and simulation, are increasingly important
- Form as Negotiation – the digital era introduces emergent strategies that promote collaboration and participation

The schedule of events for SmartGeometry 2008 is as follows:

- GenerativeComponents Pre-Workshop Training Class, Feb. 27-28, ArabellaSheraton Grand Hotel Munich – In these sessions participants will learn about, or improve their skills in the use of, GenerativeComponents – Bentley’s new generative design software.
- SmartGeometry 2008 Workshops, Feb. 29-March 3, ArabellaSheraton Grand Hotel – The workshops will provide four days of highly rewarding hands-on work with tutors drawn from the design and research communities. These leading practitioners and educators will work with participants to explore their advanced design objectives. The session projects will be drawn from the hundreds of innovative and challenging design ideas submitted by prospective workshop participants.
- SmartGeometry 2008 Alumni Summit, March 4, ArabellaSheraton Grand Hotel – The first-ever SmartGeometry Alumni Summit will enable attendees to see what participants in past SmartGeometry conferences are currently achieving in practice. Its full-day agenda will offer attendees a unique opportunity to learn about best practices and innovative applications of these advanced technology approaches, as well as to network with their peers. The event is open to all workshop and conference

attendees.

- SmartGeometry 2008 Conference (at BMW Welt) and Reception (at Deutsches Museum), March 5 – This crowning event of SmartGeometry 2008 features a full day of presentations and discussions dedicated to advances in computational and parametric design. Inspiring sessions will highlight the results from this year’s workshops and then move on to the latest developments in innovative design tools, technologies, and methodologies – as presented by industry experts and directors of the SmartGeometry Group. The SmartGeometry Conference and Reception is open to all who share an interest in the theory and practice of generative design.

The site for this year’s SmartGeometry Conference – BMW Welt – is a paragon of high-performing design. The BMW Welt event and delivery center in Munich was designed by Professor Wolf D. Prix and the Viennese architecture firm COOP HIMMELB(L)AU. The building’s architecture features a distinctive Double Cone, floating cloud roof, free sight lines, and visual interaction between the various areas within BMW Welt and with the building’s immediate surroundings. The transparent glass facades permit views of the landscape of the Olympiapark from inside the building. The Four Cylinders building, headquarters of the BMW Group, is honored with a special wedge cut out of the roof shape, through which the entire high-rise can be viewed from within BMW Welt.

To get a feel for the events at SmartGeometry 2008, you can review all of the presentations from SmartGeometry 2007 at <http://www.SmartGeometry2007.com>. For complete details on SmartGeometry 2008 and to register, visit <http://www.SmartGeometry2008.com>.

The SmartGeometry Group is firmly committed to the belief that computer-aided design should lend itself to capturing, expressing, and enriching the geometric relationships that form the foundation of architecture. The group is dedicated to educating the construction professions in the new skills required to effectively use advanced design systems such as GenerativeComponents. The directors of the SmartGeometry Group include Lars Hesselgren of Kohn Pederson Fox Associates, Hugh Whitehead of Foster + Partners, and J Parrish of ArupSport. For more information, visit <http://www.smartgeometry.org>.

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IEC Today Announces Winners of Highly-Coveted DesignVision Awards at DesignCon 2008

6 February 2008

The [International Engineering Consortium](#) (IEC) honored the DesignVision winners this afternoon before the Tuesday Keynote Address at [DesignCon 2008](#); the conference and exhibition continues until Thursday this week at the Santa Clara Convention Center in Santa Clara, CA.

Winners were selected among 25 finalists who were chosen from among a record-breaking number of submissions and ranked by a panel of judges selected from the 2008 [DesignCon](#) Technical Program Committee. This year's Technical Program Committee consisted of 115 of the industry's top experts who served in the development of more than 120 sessions making up this year’s educational program.

In each of the eight categories, the 2008 DesignVision winners include the following companies and products respectively:

ASIC and IC Design Tools

Cadence Design Systems, Inc. – Cadence Litho Electrical Analyzer

Design Verification Tools

Mentor Graphics and Cadence Design Systems, Inc. – Open Verification Methodology

Interconnect Technologies and Components

Amphenol TCS – XCede

Semiconductors and ICs

Altera Corporation – Stratix III FPGA

Semiconductors and ICs (IP)

Rambus – The XDR™ Memory Architecture

Structured/Platform ASIC, FPGA, and PLD Design Tools

Lattice Semiconductor – LatticeXP2 FPGA Family

System-Level Design Tools

FuturePlus Systems, Corp. – FS5000 Jitterlyzer

Test and Measurement Equipment

Agilent Technologies – Agilent N6705A DC Power Analyzer

The award-winning products will be on display today and tomorrow on the DesignCon 2008 exhibition floor. The [DesignCon 2008](#) exhibition will also feature EDA tools, test and measurement equipment, PCBs and related technologies, semiconductor components and IP, interconnect technologies, RF and signal integrity technologies and more. It will bring box and board designers together with chip designers and others involved in system-level design.

Major sponsors of the event include Official Host Sponsor [Agilent Technologies](#); [Rambus](#); [LeCroy](#); [Tektronix](#); [BERTScope](#); [Amphenol](#); Cisco; Hewlett Packard; [IBM](#); Intel; Redback Networks; Sun Microsystems; Xilinx; and Wipro.

Visit www.designcon.com/2008/ for full information or contact Lisa Ann Reyes at lreyes@iec.org, +1-312-559-3325

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Mastercam Software Used Exclusively at WorldSkills 2007

February 2008

Mastercam, the worlds # 1 CAM software on the basis of seat count according to CIMdata Inc., was used exclusively in the Manufacturing challenges at the WorldSkills 2007 competition. The 39th WorldSkills International (WSI) competition was held in Numazu City, Shizuoka, Japan in November. WorldSkills is a competition among students from around the world, using 47 different skills and technologies. [Mastercam](#) was used in the competition by all teams that competed in CNC Milling, CNC Turning, and Manufacturing Team Challenge categories. Genetec Corporation from Japan was the local Mastercam Reseller supporting the WorldSkills competition.

CNC software is active at a grassroots level, helping the contestants around the world with software to prepare for the event. This is done in conjunction with the local Mastercam Resellers to get them

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involved with future engineers and machinists.

From September 1-6, 2009, Calgary, Canada will host over 900 competitors from 49 countries at the 2009 WorldSkills Competition. For more information, visit <http://www.worldskills.org>.

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Peter Marks, Ping Fu to Keynote Convergence 2008 Conference

8 February 2008

Peter Marks, managing director of Design Insight, and Ping Fu, president and CEO of Geomagic, will share their visions for the future of digital design and manufacturing at Convergence 2008, March 4-6 in Research Triangle Park, N.C.

Convergence 2008 will unite Geomagic developers, users and technology partners to explore new applications, best practices and innovation in digital shape sampling and processing (DSSP). DSSP closes the loop between physical products and their digital representations, resulting in faster product development, better quality assurance, and the ability to customize for individualized form and function.

Peter Marks is an internationally recognized expert in new product development and the tools that support it. He coined the phrase DSSP in a 2005 Blue Book written for the Society of Manufacturing Engineers (SME) titled Capturing a Competitive Edge Through Digital Shape Sampling & Processing.

Marks' Convergence 2008 presentation, titled "Tread Lightly and Carry a Big Scanner," will focus on how DSSP technologies can reduce material and energy consumption while "maintaining the highest levels of human aspiration and quality of life." He'll examine a range of trends, from virtual worlds to human implants, portable devices, lifecycle design, and reuse of large structures.

Ping Fu is the visionary who has led Geomagic's charge to transform DSSP from concept to essential strategy for companies throughout the world. Before co-founding Geomagic, she played central roles in developing the first web browser, creating the seminal special effects for Terminator 2, and making digital telephony possible.

At Convergence 2008, Fu will discuss design thinking, a new way of looking at business and the world that goes beyond products or services to address the richness of user experience. In Fu's vision, the convergence of compelling design and better quality will shape both corporate and consumer behaviors, leading to greater satisfaction and sustainability.

Registration and information

Registration for Convergence 2008 is \$495 until March 3 and \$595 on-site. Online registration and additional information are available at <http://www.geomagic.com/convergence>. In addition to presentations from DSSP leaders, the event will include demonstrations of new Geomagic products and social events that provide the opportunity to network and learn in an informal environment.

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ProSTEP iViP Symposium Expands its Program

7 February 2008

With more than 40 lectures and workshops the 2008 ProSTEP iViP Symposium on April 9 and 10 at the Ludwig-Erhard-Haus in Berlin will be setting new standards. About 80 speakers will look at various

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aspects of product creation in the automobile-, aerospace-, and shipbuilding industries: topics range from change- and simulation data management, DMU-monitoring, SOA, PLM Services, cross company project control to co-operations between OEMs. The most renowned PLM-conference worldwide will attract about 400 participants from at home and abroad.

Of particular interest this year are the theme sessions which are offered for the first time. Current problems in the areas of security & processes, mechatronics & EES as well as PLM-trends in other industries – from medical engineering to power plant construction – are examined from different perspectives.

We were able to win Guus Dekkers (CIO Continental), Marcel Schneider (General Manager, Enterprise & Partner Group of Microsoft Germany) as well as Henry Potts (Vice President Systems Design at Mentor Graphics) as keynote-speakers at the opening event.

A trade exhibition will accompany the two-day lecture program where about 25 companies will be presenting their software-, consulting and services portfolio.

A detailed program of the 2008 ProSTEP iViP Symposium held in cooperation with Continental and Microsoft Germany is available on the Internet at <http://www.prostep.org>.

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SmartOrg CEO is Featured Speaker at Corporate Portfolio Management Conference

5 February 2008

David Matheson, SmartOrg President and CEO will be a featured speaker at the Corporate Portfolio Management Conference, February 26, at the Hilton Clearwater Beach Resort (Florida). The PDMA/IIR conference features new strategic directions in Research and Development. Dr. Matheson will present case studies that show how companies like HP use the tools of value-based management to accelerate innovation and create new opportunities for profitable growth.

SmartOrg will exhibit Portfolio Navigato™, a leading web-based software for collaborative evaluation and management of the economic value of new product projects and portfolios. The company will also show npdiFIRST™ a portal that delivers integration with SAP project and portfolio management applications. “For the first time,” says Matheson, “a company can fully integrate strategic and operational applications to select and manage projects from the fuzzy front end to product launch. Best of all they can do it quickly, thanks to npdiFIRST™ and SAP.”

For additional information about The Corporate Portfolio Management Conference and SmartOrg value-based management systems visit <http://www.smartorg.com> or send an e-mail to info@smartorg.com.

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Financial News

Another Great Year for Missler Software

5 February 2008

2007 has been another very good year for Missler Software with company sales growing in the region of 8.5%. This is a very good performance for the CAD/CAM developer who managed to consolidate its

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growth rate after its exceptional performance in 2006. Following on from the trend of previous years, the company's growth rate was highest in the international market where 2007 sales increased by 23%.

Rapid progression in market share was experienced in the wood market with TopSolid'Wood and TopSolid'WoodCam. TopSolid'Wood is now resold in countries throughout the world - In the Swedish market TopSolid'Wood has been particularly successful in 2007. CAM mechanical sales remained stable and confirm the dominant position of TopSolid'Cam in the aerospace field. (In France TopSolid'Cam is the number 1 CAM solution used by aerospace subcontractors. Such well known aerospace references as Airbus, Aircelle, Mecachrome, Safran ... all use TopSolid'Cam).

In order to provide the most advanced technology possible to its customers Missler Software will be launching TopSolid and GOelan 2008 on 01 March on the international market. Important CAD/CAM improvements are in store in all modules.

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Avatech Solutions to Report Second Quarter 2008 Results and Hold Conference Call on Thursday, February 14, 2008

5 February 2008

[Avatech Solutions, Inc.](#) announced it will release its results for the second quarter of fiscal 2008 before the market opens on Thursday, February 14, 2008. The Company has scheduled a conference call for 11:00 a.m. Eastern Time on the same day.

The dial-in number for the conference call is (866) 634-2258. A replay of the call will also be available through Thursday, February 21, 2008, and can be accessed by dialing (706) 645-9291, conference ID #33060764.

A live webcast of the conference call will be available to all investors in the Investor Relations section of the Company's website, <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 site.

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Delcam Sets New Records for Monthly and Quarterly Sales

6 February 2008

CADCAM developer Delcam announced that it set a new monthly sales record in December 2007, completing a record quarter to end the year. This latest achievement follows record first half sales by the company in the opening six months of 2007.

Total sales for the month reached £3.75 million, beating the monthly sales for December 2006 by more than 30%. Total sales for the final quarter of 2007 saw an increase of almost 20% compared to the same quarter of 2006. Profit performance remains in line with the November forecast.

“December is normally Delcam's best month for software sales. We have achieved record sales in each December for several years so setting another new record is, in itself, pleasing rather than surprising,” commented Managing Director Hugh Humphreys. “However, to beat the previous December's results by such a large percentage is a remarkable achievement and one of which everyone associated with [Delcam](#) can be very proud.”

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“In our previous announcements, we have detailed the effects on our sales throughout this year of the weakness of the US dollar,” he added. “To have achieved such a high increase in sales, despite this problem, is extremely encouraging but, of course, we still need to do even better next year.”

The recent growth in sales reflected the pattern throughout the year by coming partly from increased sales of Delcam’s established Power Solution range of CAD/CAM programs and partly from its acquisitions during the past three years – FeatureCAM, PartMaker and Crispin. “We are continuing to develop the sales of all our products across all the countries in which we trade,” commented Mr. Humphreys. “This international approach has been particularly important for our FeatureCAM and PartMaker acquisitions, which were sold previously in a limited number of countries.”

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Moldflow Reports Second Quarter Fiscal 2008 Results

7 February 2008

Moldflow Corporation announced results from its continuing operations for the second quarter of its 2008 fiscal year. The Company disposed of its Manufacturing Solutions business division on June 30, 2007; therefore, results from all prior periods have been reclassified to solely reflect the Company’s continuing operations.

- Revenue of \$17.1 million was up 19% from the corresponding quarter of fiscal 2007.
- Total product revenue of \$8.9 million represented a 17% increase from the same period of the prior year.
- Total services revenue of \$8.2 million represented a 22% increase from the same period of the prior year.
- Non-GAAP operating margin grew to 25%, up from 17% in the same period of the prior year.
- EBITDA was \$4.7 million, up 59% on a year-over-year basis.
- Non-GAAP tax rate of 18% compared to a rate of 22% in the same period of the prior fiscal year.
- Non-GAAP net income from continuing operations of \$4.4 million represented a 71% increase from the results of the corresponding quarter of fiscal 2007.
- Non-GAAP earnings per diluted share of \$0.35 increased from \$0.21 in the same period of the prior year.
- Net income from continuing operations as reported in accordance with GAAP was \$3.8 million or \$0.31 per diluted share, and included a net charge of \$605,000 for share-based compensation expense, and compared to \$2.2 million or \$0.18 per diluted share for the prior year, which included a net charge of \$386,000 for share based compensation expense.
- Our operating activities from continuing operations generated \$882,000 of cash during the second quarter, up significantly from \$242,000 generated the same period of the prior year.

“The results of our second quarter show the continued progress we are making towards our corporate goals for fiscal 2008. In fact, our first half has delivered strong results which are at the high end of our expectations for this point in our fiscal year, and are trending towards the higher end of our stated guidance range for the 2008 fiscal year,” said Roland Thomas, Moldflow Corporation’s president and

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CEO.

Thomas continued, "Once again this quarter, we saw very strong sales performances coming out of Asia driven largely by sales into the electronics sector, as well as modest increases in revenue coming from both Europe and the Americas. In the second half of fiscal 2007, we embarked upon a strategy to deliver products better suited to broad deployment of our technology within our customer's existing infrastructures. We call this approach 'Enterprise Enabled Simulation,' which involves the strategic creation of technologies that are accessible, configurable and process integrated. There are several facets to this strategy, but one key element is the introduction of a concurrent usage licensing option in our flagship Moldflow Plastics Insight product line. We call this new licensing option MPI-Enterprise, or MPI-e."

"During the first half of fiscal 2008, we began to see momentum grow behind the sales efforts of MPI-e, validating this vision. Providing this licensing option has increased sales into our customers with a worldwide footprint who need options in how they deploy our technologies across their enterprises. We believe that the MPI-e licensing model will not only help us increase sales into our customers, but will also allow us to gain further market penetration with some of the modules of Moldflow Plastics Insight that have not been as widely licensed on a stand-alone basis," Thomas concluded.

Business Outlook

The Company is providing full year fiscal 2008 guidance on its results from continuing operations below on both a GAAP and non-GAAP basis. Non-GAAP guidance excludes estimated charges for share-based compensation costs. Because there are significant limitations in estimating the impact of share-based compensation costs and related taxes, the tax benefits and estimated charges associated with share-based issuances are unpredictable. For these reasons, the actual impact of share-based compensation on our financial results may differ materially from the estimated amounts included in the guidance below.

The current business outlook is based on information as of February 7, 2008 and is current as of that day only. For our full fiscal 2008 year we expect revenue to grow in the range of 10% to 13% when compared to fiscal 2007. We expect EBITDA from continuing operations to grow in the range of 13% to 20% in fiscal 2008 when compared to fiscal 2007. We expect non-GAAP net income per diluted share from continuing operations of approximately \$0.94 to \$1.00, based upon an estimated 12.1 million diluted shares. Non-GAAP net income per diluted share excludes charges for share-based compensation expenses which are expected to be approximately \$1.8 million, net of related tax effects, and assumes an effective tax rate of approximately 21%. GAAP net income per diluted share from continuing operations for fiscal 2008 is expected to be between \$0.78 and \$0.84 based upon an estimated 12.1 million diluted shares. This GAAP estimate assumes an annual effective tax rate of approximately 25%.

Use of Non-GAAP Financial Measures

The Company has provided non-GAAP tax rate, non-GAAP net income from continuing operations, non-GAAP net income per diluted share from continuing operations and EBITDA as supplemental measures regarding the Company's operating performance. Our non-GAAP tax rate, non-GAAP net income from continuing operations and non-GAAP net income per diluted share from continuing operations exclude the impact of share-based compensation expense and, therefore, have not been calculated in accordance with GAAP. EBITDA is defined as GAAP net income from continuing operations plus any interest expense, income taxes, depreciation, amortization and share-based compensation expense less interest earned and, therefore, has not been calculated in accordance with

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GAAP. Moldflow is presenting these measures because management uses this information in evaluating the results of the Company's operations and for internal planning and forecasting purposes and believes that this information provides additional insight into our operating results, as well as enables comparison of these results to prior periods. These measures should not be considered an alternative to measurements required by GAAP, such as net income from continuing operations and net income per diluted share from continuing operations, and should not be considered a measure of our liquidity. In addition, these non-GAAP financial measures may not be comparable to similar measures reported by other companies. With respect to the non-GAAP financial measures for the second quarter of the 2008 fiscal year and as presented in our business outlook for fiscal 2008, the GAAP financial measures most directly comparable to each non-GAAP financial measure used or discussed in this press release and a reconciliation of the differences between each non-GAAP financial measure and the comparable GAAP financial measure can be found on the Investors page of the Moldflow Web site at <http://www.moldflow.com/stp/english/investors/index.htm>.

Information Dissemination

Moldflow will host a conference call to discuss the second quarter of fiscal 2008 year results as well as future outlook at 11:00 a.m. US Eastern time, Thursday, February 7, 2008. The call will be recorded with replay (dial-in # 800-642-1687, PIN# 32298612) which will be available until February 14, 2008. In addition, a live Webcast of the conference call, together with this press release and supplemental financial information, can be accessed through the Company's website at <http://www.moldflow.com> in the Investors section. The call, press release and supplemental information will be archived and can be accessed through the same link.

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Open Text Reports Second Quarter Fiscal 2008 Financial Results

7 February 2008

Open Text™ Corporation announced unaudited financial results for its second quarter that ended December 31, 2007.(1)

Total revenue for the second quarter was \$182.5 million, up 12% compared to \$163.3 million for the same period in the prior fiscal year and up 11% compared to \$164.0 million in the previous quarter. License revenue in the second quarter was \$55.2 million, up 7% compared to \$51.4 million in the second quarter of the prior fiscal year and up 25% compared to \$44.3 million in the previous quarter.

Adjusted net income in the quarter was \$26.2 million or \$0.50 per share on a diluted basis, up 46% compared to \$18.0 million or \$0.35 per share on a diluted basis for the same period in the prior fiscal year and up 19% compared to \$22.1 million or \$0.43 per share on a diluted basis in the previous quarter. Net income in accordance with U.S. generally accepted accounting principles ("US GAAP") was \$10.7 million or \$0.20 per share on a diluted basis, up 365% compared to \$2.3 million or \$0.04 per share on a diluted basis for the same period in the prior fiscal year and up 37% compared to \$7.8 million or \$0.15 per share on a diluted basis in the previous quarter.(2)

Operating cash flow in the second quarter of fiscal 2008 was \$39.3 million, up 25% compared to \$31.4 million in the second quarter of the prior fiscal year and up 22% compared to \$32.2 million in the previous quarter.

"I am very pleased with our performance in the quarter," said John Shackleton, President and Chief

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Executive Officer of Open Text. "We have grown license revenue while maintaining our profitability targets and generating strong operating cash flow. Sales in the quarter were led by the telecommunications, energy and government sectors and our strategic partner programs with SAP, Microsoft, Oracle and Accenture continue to gain traction."

The cash, cash equivalents and short-term investments balance as of December 31, 2007 was \$159.7 million compared to \$150.0 million at June 30, 2007. Accounts receivable as of December 31, 2007, totaled \$120.6 million, compared to \$128.8 million as of June 30, 2007, and Days Sales Outstanding (DSO) was 60 days at the end of the second quarter of fiscal 2008, compared to 66 days at June 30, 2007.

Please see note (2) below for a reconciliation of non-US GAAP based financial measures used in this press release, to US GAAP based financial measures.

Teleconference Call

Open Text will host a conference call on February 7, 2008 at 5:00 p.m. ET to discuss the final financial results for its second quarter. A replay of the call will be available beginning February 7, 2008 at 7:00 p.m. ET through 11:59 p.m. on February 21, 2008 and can be accessed by dialing 416-640-1917 and using pass code 21258637 followed by the number sign. For more information or to listen to the call via Web cast, please use the following link: <http://www.opentext.com/events/event.html?id=6643048>

Notes

(1) Based on comparison of historic revenue figures publicly disseminated by companies in the Enterprise Content Management ("ECM") sector. All dollar amounts in this press release are in US Dollars unless otherwise indicated.

(2) In addition to these GAAP and adjusted results, the Company has provided financial information in the table below that adds-back maintenance revenue eliminated due to the impact of purchase accounting entries on deferred revenue and the impact of interest expense. Management believes that the furnishing of these adjustments provide a consistent basis for comparison between quarters and help to more accurately reflect Open Text's underlying operating results revenue eliminated due to the impact of purchase accounting entries on deferred revenue and the impact of interest expense. Management believes that the furnishing of these adjustments provide a consistent basis for comparison between quarters and help to more accurately reflect Open Text's underlying operating results.

(in millions of US dollars except share data)	Three months ended December 31, 2007
GAAP Revenue	\$ 182.5
Maintenance revenue adjustment for purchase accounting	0.3
Non-GAAP revenue	<u>\$ 182.8</u>
Adjusted Income	\$ 26.2
Maintenance revenue adjustment for purchase accounting	0.3
Net Interest Expense	7.6
Income tax effect	(2.4)
Non-GAAP net income	<u>\$ 31.7</u>

(3) Use of US Non-GAAP financial measures

In addition to reporting financial results in accordance with US GAAP, the Company provides certain non-US GAAP financial measures that are not in accordance with US GAAP. These non-US GAAP financial measures have certain limitations in that they do not have a standardized meaning and thus the Company's definition may be different from similar non-US GAAP financial measures used by other companies and/or analysts and may differ from period to period. Thus it may be more difficult to compare the Company's financial performance to that of other companies. However, the Company's management compensates for these limitations by providing the relevant disclosure of the items excluded in the calculation of adjusted net income and adjusted EPS both in its reconciliation to the US GAAP financial measures of net income and EPS and its consolidated financial statements, all of which should be considered when evaluating the Company's results. The Company uses the financial measures adjusted EPS and adjusted net income to supplement the information provided in its unaudited condensed consolidated financial statements, which are presented in accordance with US GAAP. The presentation of adjusted net income and adjusted EPS is not meant to be a substitute for net income or net income per share presented in accordance with US GAAP, but rather should be evaluated in conjunction with and as a supplement to such US GAAP measures. Open Text strongly encourages investors to review its financial information in its entirety and not to rely on a single financial measure. The Company therefore believes that despite these limitations, it is appropriate to supplement the disclosure of the US GAAP measures with certain non-US GAAP measures for the reasons set forth below. Adjusted net income and adjusted EPS are calculated as net income or net income per share on a diluted basis, excluding, where applicable, the amortization of acquired intangible assets, other income (expense), share-based compensation, and restructuring, all net of tax. The Company's management believes that the presentation of adjusted net income and adjusted EPS provides useful information to investors because it excludes non-operational charges. The use of the term "non-operational charge" is defined by the Company as those that

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do not impact operating decisions taken by the Company's management and is based upon the way the Company's management evaluates the performance of the Company's business for use in the Company's internal reports. In the course of such evaluation and for the purpose of making operating decisions, the Company's management excludes certain items from its analysis, such as amortization of acquired intangibles, restructuring costs, other income (expense), share-based compensation and the taxation impact of these items. These items are excluded based upon the manner in which management evaluates the business of the Company and are not excluded in the sense that they may be used under US GAAP. The Company believes the provision of supplemental non-US GAAP measures allows investors to evaluate the operational and financial performance of the Company's core business using the same evaluation measures that management uses, and is therefore a useful indication of Open Text's performance or expected performance of recurring operations and facilitates period-to-period comparison of operating performance. As a result, the Company considers it appropriate and reasonable to provide, in addition to US GAAP measures, supplementary non-US GAAP financial measures that exclude certain items from the presentation of its financial results in this press release. The following charts provide reconciliation of (unaudited) US GAAP based financial measures to non-US GAAP based financial measures referred to in this press release:

Reconciliation of (unaudited) US GAAP based Net Income to Adjusted Net Income (in millions of US dollars) for the quarters ended December 31, 2007 and 2006:

	Three months ended December 31, 2007	Three months ended December 31, 2006
GAAP based "Net Income"	\$10.7	\$2.3
Special Charges/(recovery)	0.0	4.8
Amortization of intangibles	17.8	17.8
Other (Income)/Expense	3.7	(0.3)
Share-based compensation	0.7	1.3
Tax Impact on Above	(6.7)	(7.9)
Non-GAAP based "Adjusted Net Income"	\$26.2	\$18.0

Reconciliation of (unaudited) US GAAP based EPS to non-US GAAP based EPS (calculated on a diluted basis) for the quarters ended December 31 2007 and 2006:

	Three months ended December 31, 2007	Three months ended December 31, 2006
GAAP based "Net Income"	\$0.20	\$0.04
Special Charges/(recovery)	0.00	0.10
Amortization of intangibles	0.34	0.35
Other (Income)/Expense	0.07	(0.01)
Share-based compensation	0.01	0.03
Tax Impact on Above	(0.12)	(0.16)
Non-GAAP based "Adjusted Net Income"	\$0.50	\$0.35

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Planview Continues Rapid Momentum in 2007

6 February 2008

Planview® announced its continued momentum in 2007 including revenue growth, customer acquisitions, key industry partnerships, product enhancements and industry accolades. The company experienced 52 percent year-over-year revenue growth in 2007. Planview also added new customers across a variety of industries in the U.S. and abroad, including Ball Corporation and ICON, U.S.; Allianz, Germany; Zurich Financial Services, Switzerland; Wind Telecomunicazioni SpA, Italy; ATAC (Groupe Auchan), France and Atradius, United Kingdom.

“Planview is executing on its strategic direction, delivering industry-leading solutions for enterprise-wide portfolio management,” said Pat Durbin, founder and CEO of Planview. “As the portfolio management discipline accelerates across the enterprise, Planview is seizing the opportunity to help customers optimize their business and make better investment decisions.”

Enhanced Product Offerings

Planview continued to deliver product innovation in 2007 with a commitment to usability, analytics and interoperability. The company kicked off the year with the introduction of Planview Enterprise 9, an upgraded version of its portfolio management solution with a focus on improving the user experience for

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project managers. Planview then released Planview Enterprise 9.1 in November, which delivered more than 60 customer-driven enhancements, including Intelligent Help, an innovative tool designed to drive organizational adoption of portfolio management by integrating contextual help with best practices and E-Learning modules.

Planview Enterprise Business Process Manager (BPM) was introduced in July 2007, providing process design, automation, adoption and measurement capabilities. In September 2007, the company augmented its earned value management system (EVMS) offerings with the announcement of Planview Micro-Frame® Program Manager (MPM) Performance Manager, to provide more visibility and control over strategic business and IT programs for government agencies, program managers, and business analysts. Resulting from the company's strategic relationship with BMC, Planview also introduced OpenSuite for BMC Remedy Change Management in the second half of 2007, providing integration between Planview Enterprise and BMC Remedy Change Management.

Acquisition and Partnerships

The growth in 2007 is due in part to Planview's acquisition of Business Engine, which helped strengthen the company's customer base and deepen its capabilities with earned value management and business process automation. The successful integration helped position Planview for future growth, particularly in financial services and United States Federal Government.

In 2007, Planview entered into several strategic sales, marketing and product relationships with industry leading organizations including BMC, Hitachi Consulting and Pervasive Software. Planview also strengthened its focus in the federal market, working closely with partners such as Fujitsu Consulting and SRA International to deliver comprehensive portfolio management solutions and services to federal agencies. In addition, Planview expanded its global footprint in 2007 and launched online resource centers for France, Germany, United Kingdom, and Italy.

Commitment to Customers

Committed to helping its customers drive innovation within their own organizations, Planview hosted a series of virtual and live events in 2007, including its largest and most successful user conference to date. The Planview Horizons User Conference featured more than 350 attendees, 9 partners, 25 customer presentations and 235 "Meet the Expert" sessions in November, and nearly 100 Planview users and partners attended Planview Horizons Europe in Nice, France in June. Additionally, Planview hosted its first MPM User Group Meeting in September focused on the EVM user community. Planview also hosted a series of PMO 2.0 Leadership Forums in Chicago, Boston, Denver, Atlanta and San Francisco, where company executives and industry experts discussed the evolving role of the PMO.

Moving into 2008, Planview continues to drive innovation within the portfolio management industry as the leading independent and pure-play vendor. In April, Planview will host its first Horizons MPM User Conference in Austin, and the company will continue to host PMO 2.0 Leadership Forums across the country. For more information about upcoming events and Planview news, please visit

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

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Synopsys Announces Earnings Release Date and Conference Call for First Quarter Fiscal Year 2008

6 February 2008

Synopsys, Inc. announced it will report results for the first quarter fiscal year 2008 on Wednesday,

CIMdata PLM Industry Summary

February 20, 2008, after the market close.

A conference call to review the results will begin at 2 p.m. PT (5 p.m. ET) and will be hosted by Aart de Geus, chairman and chief executive officer, and Brian Beattie, chief financial officer.

Financial and other statistical information to be discussed on this conference call will be available on the corporate website at <http://www.synopsys.com/corporate/invest/invest.html> immediately before the call. A webcast replay can be accessed on the corporate web site beginning Wednesday, February 20, 2008, at approximately 5:30 p.m. PT. The replay will remain available until Synopsys announces its second quarter fiscal 2008 earnings results in May, 2008. In addition, a dial-up replay of the conference call will be available beginning February 20, 2008 at 5:30 p.m. PT, ending on March 5, 2008. The replay telephone number is USA (800) 475-6701, and International (320) 365-3844, Access Code: 909867.

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Synplicity Announces Fourth Quarter 2007 and Full Year Results Record Quarter- Revenue of \$20.1 Million

5 February 2008

Synplicity ® Inc. announced financial results for the quarter and year ended December 31, 2007.

Revenue for the quarter ended December 31, 2007 grew by 23% to \$20.1 million, from the \$16.4 million reported for the quarter ended December 31, 2006. On a generally accepted accounting principles (GAAP) basis, net income was \$10.3 million, or \$0.38 per diluted share, for the quarter ended December 31, 2007. GAAP net income included a benefit of \$9.4 million, or \$0.34 per diluted share, related to the recognition of deferred tax assets in accordance with the accounting rules specified in SFAS 109. Excluding the benefit from the deferred tax assets, net income was \$936,000, or \$0.04 per diluted share in the quarter ended December 31, 2007. For the quarter ended December 31, 2006, GAAP net income was \$1.6 million, or \$0.06 per diluted share. For the quarter ended December 31, 2007, GAAP net income included \$879,000 of amortization of intangible assets, principally from the June 2007 acquisition of HARDI, and \$802,000 of stock-based compensation expense. For the quarter ended December 31, 2006, GAAP net income included \$248,000 of amortization of intangible assets and \$791,000 of stock-based compensation expense. Non-GAAP net income for the quarter ended December 31, 2007, which excludes the deferred tax asset benefit, intangible asset amortization expense and stock-based compensation expense was \$2.6 million, or \$0.10 per diluted share. For the comparable quarter in 2006, non-GAAP net income, excluding intangible amortization expense and stock-based compensation expense was \$2.6 million, or \$0.10 per diluted share. A reconciliation of GAAP to non-GAAP net income is included with this press release.

For the year ended December 31, 2007, revenue grew by 14% to \$71.2 million from the \$62.5 million reported for the year ended December 31, 2006. On a GAAP basis, net income was \$13.1 million, or \$0.47 per diluted share, in 2007. The 2007 results include the benefit of \$9.4 million, or \$0.34 per diluted share related to the recognition of deferred tax assets noted above. Excluding the benefit of the deferred tax assets, net income was \$3.6 million, or \$0.13 per diluted share in 2007. For the year ended December 31, 2006, GAAP net income was \$3.2 million, or \$0.11 per diluted share. For the year ended December 31, 2007, GAAP net income included \$2.5 million of amortization of intangible assets, principally from the June 2007 acquisition of HARDI, and \$3.2 million of stock-based compensation expense. For the year ended December 31, 2006, GAAP net income included \$916,000 of amortization of intangible assets, \$3.6 million of stock-based compensation expense and a restructuring charge of

CIMdata PLM Industry Summary

\$854,000. Non-GAAP net income for 2007, which excludes the deferred tax asset benefit, intangible asset amortization expense and stock-based compensation expense was \$9.4 million, or \$0.34 per diluted share. For 2006, non-GAAP net income, excluding intangible amortization expense, stock-based compensation expense and a restructuring charge, was \$8.6 million, or \$0.31 per diluted share.

“I am pleased to report outstanding bookings and revenue growth in each of our three product categories in the fourth quarter of 2007 compared to a year ago,” said Gary Meyers, president and chief executive officer. “Our ASIC verification solution, Confirma™, which integrates our software with the HAPS hardware acquired through our acquisition of Hardi in June 2007, presents us with the largest market opportunity in our history. In addition, our FPGA synthesis line continues to gain share and revenue from our ESL products is growing at nearly a 50% rate, with a more than doubling of bookings in 2007. We are in the process of introducing enhancements across our product line, providing us with the prospects for another solid year in 2008.”

Business Outlook

The following statements are based on Synplicity’s current expectations. We do not intend to update, confirm or change this guidance until our first quarter 2008 earnings conference call.

For the quarter ending March 31, 2008:

- Revenue is expected to be in the range of \$17.5 million to \$18.5 million.
- GAAP net income per share is expected to be in the range of \$0.00 to \$0.02 per diluted share. GAAP net income is expected to include \$811,000 of stock-based compensation expense and \$850,000 of intangible assets amortization.

For the year ending December 31, 2008:

- Revenue is expected to be in the range of \$80.0 million to \$83.0 million.
- GAAP net income per share is expected to be in the range of \$0.13 to \$0.19 per diluted share. GAAP net income is expected to include \$3.2 million of stock-based compensation expense and \$3.4 million of intangible assets amortization.
- The income tax provision for 2008 is expected to be about 30% of pretax GAAP income.

Audio Webcast

The Company’s earnings call will be webcast on February 5, 2008 at 2:00 p.m. Pacific, and may be accessed at <http://investor.synplicity.com>. The Company will discuss the fourth quarter and full year 2007 results. Following completion of the call, a rebroadcast of the webcast will be available at <http://investor.synplicity.com> through March 31, 2008. For those without access to the Internet, a replay of the call will be available from 5:00 p.m. Pacific on February 5, 2008 through February 18, 2008. To listen to a replay, call (719) 457-0820, access code 4360504.

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Implementation Investments

Atheros Selects Sequence PowerTheater for Power Management

7 February 2008

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[Atheros](#) Communications, Inc., a leading developer of advanced low power wireless solutions, chose [Sequence](#) Design's PowerTheater for early power management and low-power architecture evaluation for their new embedded wireless designs.

"We want no surprises in meeting our power spec. PowerTheater enables us to detect any errant dynamic power in RTL phase, while taking into account power reduction by clock-gating in low power synthesis," said Patrick Chan, Low Power Architect for Atheros. "Low power offers a critical competitive advantage for embedded wireless solutions."

To meet their aggressive power targets, the Atheros design team uses a variety of PowerTheater power reduction techniques, including early power analysis at RTL, architectural exploration, multi-Vt, clock and data gating, automated Wattbots and power linters, and voltage islands.

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Cadence Enables STmicroelectronics to Verify Latest Multimedia Designs for Wireless Devices

6 February 2008

Cadence Design Systems, Inc. announced that STMicroelectronics has successfully taped out its newest leading-edge mobile multimedia Nomadik® platform using the Cadence® Incisive® Enterprise verification family. The advanced verification solution for verification engineers included the Incisive Specman® Elite® Testbench and Incisive Enterprise Manager, a powerful combination of technology within the Plan-to-Closure Methodology for automating the verification process. The STMicroelectronics Nomadik family of multimedia application processor chips enables portable devices to play music, take pictures, record video and host two-way video communication in real time.

Many of ST's latest networking designs include ARM-based cores and use the internal STBus for much of the underlying infrastructure. To improve ease of use and adoption, ST developed a complementary verification cockpit, leveraging much of Cadence technology for plug-and-play verification capabilities. The cockpit allowed the design team to run verification cycles in simulation, implement verification IP, and gather and measure coverage progress in a push-button fashion. As a result, ST gained tremendous time savings allowing them to quantify the overall quality of the verification.

"Our verification team takes pride in the ability to quickly set up verification environments for our IP portfolio that allow us to rapidly identify and address issues and measure progress," said Clara Tibaldi, communication IPs verification manager at STMicroelectronics. "Cadence is delivering the testbench and management layer within a coverage-driven methodology that allows our team to pay detailed attention to delivering quality products on schedule."

Specman technology, as part of both Incisive Specman and Incisive Enterprise Simulator, offers the most advanced technology for testbench creation with the aspect-oriented coding capabilities on top of the e language. When used in conjunction with Incisive Enterprise Manager, using the Plan-to-Closure Methodology, users can better automate the deployment of their testing, measure simulation runs, analyze failures and coverage data from several sources, and control the steps toward system-level signoff. With the massive amount of coverage data created throughout the verification of large networking devices these highly scalable coverage capabilities are becoming more critical.

"We're proud to be working closely with STMicroelectronics to verify some of today's most advanced multimedia and communication devices," said Michal Siwinski, marketing group director at Cadence. "It's exciting to see how they continue to develop innovative ways to further take advantage of our

advanced verification solutions."

The Incisive Enterprise Manager and Specman technology as part of Incisive Enterprise Simulator and Incisive Specman are key elements of the [Cadence](#) advanced verification solution for verification engineers, and are currently available.

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Efore Chooses Aton PDM Solution

February 2008

Based on more than 30 years of experience, Efore delivers well-proven, reliable power supply solutions. Efore's products and services comprise Custom Designed Power Supply Solutions, DC Power Systems and related Service and Maintenance.

Efore and [Modultek](#) have now entered into agreement on implementing the Aton PDM -solution during this year. From now on, all the product related documentation in Efore will be managed by Aton PDM system. Emphasis in the project is on data security and integrity improvement.

The Efore Group employs globally nearly 1000 people and in the fiscal year ending in October 2007 Efore's consolidated net sales amounted to EUR 80.2 million.

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Fagerhult Group Selects Siemens PLM Software's Teamcenter 2007 as its Corporate-Wide PLM Solution

7 February 2008

Siemens PLM Software announced that Fagerhult Group, a leading European supplier of professional lighting solutions, selected Teamcenter® 2007 as its corporate-wide PLM solution and will deploy the technology at global design centers in Sweden, England, and China.

"As a result of our long and successful business relationship with Siemens PLM Software, we are confident that Teamcenter will provide a major competitive advantage by enhancing our product development process through reduced time-to-market and improved product lifecycle management," said Emanuel Kantis, design manager at Fagerhult Group. "Fagerhult is a growing company that is focused on innovation. Teamcenter's market leading capabilities and scalability make it the perfect choice for our corporate-wide PLM Solution."

Teamcenter enables Fagerhult Group to share and coordinate design and product information at distributed design centers all over the world and manage all design and engineering data within a single PLM solution.

"The selection of Teamcenter as the corporate-wide PLM solution by an industry leading company like the Fagerhult Group is testament to Siemens PLM Software's ability to develop best-in-class PLM technology," said Arie van Essen, vice president and managing director of Nordics and Russia, Siemens PLM Software. "We are honored to continue our relationship with the Fagerhult Group and look forward to helping them enhance product development capabilities and bring more innovative and cost efficient products to market faster."

About Fagerhult Group

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Fagerhult Group, with approximately 2,000 employees, is the largest lighting group in the Nordic region and a leading force in Europe. Fagerhult develops, manufactures and markets professional lighting systems for public environments as well as offering a range of decorative lighting. The group has sales companies in Sweden, Norway, Denmark, Finland, United Kingdom, Ireland, the Netherlands, France, Germany, Estonia, Poland, Russia, Dubai, Australia and China. Production facilities are located in Habo, Varberg, Falkenberg, Borås and Åhus in Sweden, Manchester in England, Melbourne in Australia and in Suzhou, China. The group, which includes Fagerhults Belysning, Ateljé Lyktan, Belid, Fagerhult Retail, Elenco, Eagle Lighting, Project Lighting and Whitecroft Lighting, has a turnover of SEK 2,500 million. AB Fagerhult is quoted on the OMX Nordic Exchange in Stockholm, Mid Cap.

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Hyundai Heavy Industries Uses AVEVA PDMS to Build Offshore Facility

4 February 2008

[AVEVA](#) announced that Hyundai Heavy Industries ([HHI](#)) will be using AVEVA PDMS in the construction of the Umm Shaif gas injection facilities (USGIF) project, which lies approximately 150 kilometres north-west of Abu Dhabi, United Arab Emirates. HHI's Offshore & Engineering Division will carry out the work on an EPC turnkey basis.

The USD1.6 billion USGIF project, one of the world's largest offshore developments, involves the supply and installation of three platforms, sub-sea pipelines and modifications to wellhead towers. It also incorporates a mega compression platform to be located two kilometres from the existing Umm Shaif super complex (USSC) and connected to an accommodation platform. The third platform, containing an oil separation unit, will be connected to the existing USSC.

Kwan Ho Kim, Deputy General Manager of C.I.E Team Offshore Design & Engineering Control Department / Offshore & Engineering Division, HHI said:

"We have been using AVEVA PDMS since 1988. Throughout the years we have immensely benefited from higher design efficiency and improved project quality."

Peter Finch, President, AVEVA Asia Pacific, said:

"AVEVA solutions are globally recognised in the Offshore Industry. With AVEVA PDMS, our customers can benefit from an increase in productivity that brings high-quality plants online earlier."

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Joy Mining Machinery to Streamline Technical Publications Business Processes with Right Hemisphere Software

6 February 2008

Right Hemisphere® announced that Joy Mining Machinery has signed a multi-year subscription for its software. The world's leading provider of mining equipment and services, Joy is currently deploying Right Hemisphere's client and enterprise software to automate and streamline the production of its technical support publications such as maintenance training and technical service manuals. The software will also allow Joy's technical publications group to develop on demand, interactive content for troubleshooting guides and training classes.

CIMdata PLM Industry Summary

Right Hemisphere's software leverages existing engineering 3D CAD data to automatically generate customizable 2D and 3D graphic derivatives used in product documentation. By automating this process, Right Hemisphere's software reduces both manual steps and content development time, and enables manufacturers to increase the amount of 2D and 3D content included in their documentation. With less text and more, higher quality graphical content, manufacturers like Joy can expect more effective knowledge transfer to the consumers of these publications, namely their customers and field service engineers.

"We understand that machine downtime can cost our customers as much as a thousand dollars per minute that cannot be recovered. So we cannot put a strong enough emphasis on our Life Cycle Management products and services," said Dan Armour, manager of technical services at Joy. Server software will help us provide the shortest distance between downtime and uptime for our customers." Armour continued, "The need to communicate and train graphically has never been greater. Joy has some highly skilled workers coming into retirement soon. The company's products are increasing in complexity and we've also been expanding into non-English speaking markets. We're looking to Right Hemisphere's software to help us incorporate more graphics into our global communications and training processes so that we can effectively train new customers and field service personnel around the globe." A company with customers located around the world in countries such as Australia, China, Russia, Brazil, and South Africa, Joy is also looking to Right Hemisphere's software to help transform its global product communications.

Since Right Hemisphere's software can automatically publish product graphics and other data such as Product Manufacturing Information (PMI) into secure 3D Adobe® PDF® files, Joy will be able to use the software to communicate effectively about its products with its global customers and suppliers without potentially compromising its intellectual property by sharing actual CAD data.

In addition to the technical publications and supplier communications teams, Joy has identified other areas within the company that could benefit from Right Hemisphere's product communication and collaboration solutions. The Joy marketing team, for example, will be using the software to produce higher quality, photo-realistic renderings of its products and logo for its Web site and marketing collateral. Right Hemisphere's software will further help ensure a consistent level of image quality across Joy's marketing mediums. Joy may apply Right Hemisphere's software to a number of other functional areas too, including manufacturing for rapid assembly and process sheet development; sales to view product configurations; and customer support for services such as searchable part catalogs with visuals.

"Joy is a very forward-thinking company," said Michael Lynch, CEO at [Right Hemisphere](#). "The company had a very specific need within its technical publications team, but had the incisiveness to step back and see how this new breed of enterprise product communication and collaboration software could address a number of different product communications issues that span the company. It's customers like Joy that have the vision to identify use cases that we haven't even thought of yet ourselves. I very much look forward to seeing what they do with the software once it is fully deployed and explored by all its functional teams."

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Kozomara and OptiTex Spark Creative Partnership

8 February 2008

CIMdata PLM Industry Summary

OptiTex is enhancing the production possibilities for designer Zorana Kozomara, who has added PDS with grading and the OptiTex 3D Runway Creator as core tools within her design workshop.

With the OptiTex software, clothing designers such as Kozomara can create entire lines virtually, allowing them to “see” clothes in production before a single pattern is cut.

This competitive advantage in speed to market and elimination of fabric waste helps ensure a rapid ROI. Combining Kozomara’s creativity with the OptiTex technology enhances her ability to design accessible clothing for the working woman.

Having the OptiTex solutions in her workshop lets her provide clients with high-end fashion at high value. “We decided to partner with OptiTex because its software dealt with several of our key concerns,” says Kozomara. “It addressed our environmental concerns in that I could design without wasting paper, fabric and muslin. We are already profiting from it immensely.”

The allure of the OptiTex platform is in the range of options, both in the design software and the 3D model. The enhanced possibilities the software provides extends to movable toolbars and dialog boxes, allowing designers to customize their work environments.

“All of our products are engineered with the creative individual in mind,” says Ran Machtinger, President and CEO of OptiTex, Ltd. “Our software expands the ways in which designers can approach their work, reducing the limitations of standard production technology.”

Kozomara recognizes that the future of fashion industry is in technological advancement, and she is determined to play a role in that change.

“I’m enjoying the enhanced creative freedom the technology provides,” adds Kozomara. “OptiTex offers the most user friendly software available. We were able to install and begin designing with it immediately.”

About Zorana Kozomara

A native of war torn Sarajevo, Zorana developed an interest in fashion at an early age. Her grandmother, a custom tailor and high-end seamstress, would often discuss the angles and symmetries of the human form with a young and curious Zorana.

She left Sarajevo with her family at the age of 14 for China, where her father was pursuing a new business venture. It was there that she became passionate about art and received her first professional experience with a local Hong Kong fashion design house.

At 18, Zorana returned with her family to Sarajevo, intent on serious study and possibly opening her own shop. A year later, war broke out and the region was thrown into chaos. She fled to Paris where she studied Art History and International Finance, earning bachelor’s degrees in both disciplines at the acclaimed University of Paris, Sorbonne.

Zorana later moved to Canada, where she earned an additional Bachelor’s degree in Fashion Design and took up a position with Canada’s leading apparel company. Zorana set out to realize her earlier vision by creating “Kozomara” in mid 2005 with her own financing. Now in its third collection, Kozomara is looking to take self expression to a new level with an eclectic mix of styles.

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SENER Finalises a Software Contract with BAE Systems

4 February 2008

The Spanish company SENER Ingeniería y Sistemas S.A. has finalised a contract with the British company BAE Systems PLC for the licence to use its CAD/CAM FORAN System in naval construction activities.

By virtue of the agreement, FORAN can be installed in BAE Systems Group company, in any Aircraft Carrier Alliance member, as well as in any of these companies' subcontractors.

FORAN is currently installed in the following BAE Systems Group companies:

- BAE Systems Submarine Solutions, in Barrow-in-Furness
- BAE Systems Surface Fleet Solutions Limited, in Scotstoun, Glasgow

BAE Systems will use the FORAN System as a strategic business application to support and improve project, construction and slip integration activities in its factories in the United Kingdom. The greater performance obtained using FORAN in design and manufacturing processes will result in a reduction in costs and deadlines and an increase in product quality.

The first result of the contract has been the installation of around 200 licences in both factories currently used to develop different phases of the CVF Future Carrier Project (future British Navy aircraft carrier project) and for internal training.

Other services provided by SENER include training, System adaptation to BAE needs, local and remote support, as well as interface development between FORAN and BAE's current management systems.

Luis García, SENER's Naval Business Strategic Business Managing Director, has stated: "This is a significant achievement for SENER that acknowledges our constant efforts in improving specific CAD/CAM tools for naval construction. The awarding offers us an excellent opportunity to plan our activities in the long term, and this will enable use to closely collaborate with BAE in the years to come".

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Sequence Used by NVIDIA for Accelerated Signoff for Latest GeForce GPU

7 February 2008

Sequence Design's CoolPower technology was used by NVIDIA Corporation in the recently announced GeForce 8800 GT design, a 65nm 754-million-transistor GPU.

Advanced CoolPower accelerated chip timing closure was used in the NVIDIA design by utilizing unique top level timing budgeting. CoolPower's fast noise analysis mode, with early stage noise fixing, accelerated the signal-integrity optimization. Timing and optimization for the GeForce 8800 GT was accomplished within a very compact 128G footprint.

"Working with Sequence not only helped us meet our frequency goals, but also allowed us to achieve outstanding power-reduction results," said Calist Friedman, NVIDIA VLSI design manager.

"CoolPower is capable of handling large-capacity designs, and is unique in its ability to analyze and optimize interdependent electrical effects concurrently, reducing iterations."

"NVIDIA has been a very important partner for Sequence for advancing our foundation technology,"

CIMdata PLM Industry Summary

according to Vic Kulkarni, Sequence president and CEO. “Over the last several years, Sequence and NVIDIA have worked together to validate CoolPower’s powerful algorithms in one of the most demanding production environments. We are already working on the next generation technology which will further accelerate NVIDIA’s future graphics processors beyond 65nm.”

[NVIDIA](#) has used Sequence Design’s CoolPower in more than 36 tapeouts of some of the most complex multimedia designs ever, including the new 754 million-transistor, 1.8GHz, GeForce® 8800 GT.

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Siemens Industry Sector Reports “Strong Positive Reaction” to Siemens PLM Software NX 5; Announces Major NX Customer Wins Across Key Industries

5 February 2008

Siemens PLM Software announced that Siemens Industry Sector reported “strong positive reaction” to Siemens PLM Software’s new NX® software as well as a series of major NX customer implementations across key industries.

In April 2007, Siemens PLM Software introduced NX 5 featuring 400 enhancements. NX 5 software is the next-generation of Siemens PLM Software’s NX-brand digital product development software portfolio designed to help companies develop innovative products faster and more cost-efficiently.

“We are very pleased with the strong positive reaction to the breakthroughs in NX’s ‘Greater Powers’ technology,” said Tony Affuso, chairman and CEO of Siemens PLM Software. “These enhancements helped us generate strong license revenue growth and gain market share in CAx during 2007 and were key contributors in several of Siemens PLM Software’s contract wins since the launch, including those we are announcing today. Our momentum in the CAD/CAM/CAE segment of the PLM industry is now stronger than ever, as evidenced most recently by our announcement that Canon had selected our technology as its universal next-generation product development platform.”

“The success of the NX 5 launch, and the subsequent gain in market share, just reinforces Siemens commitment to supporting an expansion of Siemens PLM Software’s footprint in the CAx segment of the PLM industry,” said Anton Huber CEO, Siemens Division Industry Automation. “The combination of Siemens Industry Sector and Siemens PLM Software will strengthen the requirements placed on our CAx solutions as this technology becomes more broadly integrated into applications that support the greater product lifecycle. As companies evaluate CAx solutions and develop ROI models for such investments, the end benefit is well beyond the traditional modeling features and functions but rather how the CAx portfolio of products can be leveraged across the greater phases of product development.”

New and existing customers implement NX

Siemens Industry Sector today announced the following Siemens PLM Software customer wins and implementations for NX 5:

Gispem International BV – an office decorator and manufacturer of design furniture that aims for an ideal office environment. “Over the past 10 years, we developed an excellent relationship with Siemens PLM Software,” said Marcel van Leusden, project engineer. “During this period, we rolled out several of their solutions, like Teamcenter and NX. We upgraded to NX 5 because of the software’s advanced direct modeling and sheet metal features. More than 80 percent of our work is carried out in these areas so in essence, NX 5 is crucial to the success of our business.”

CIMdata PLM Industry Summary

Kennametal - the premier global supplier of tooling solutions, engineered components and advanced materials consumed by customers in industrial markets - has standardized on Siemens PLM Software's NX technology as its global computer-aided design (CAD) platform to increase collaboration and reduce the cost of managing multiple CAD systems. As part of this major licensing agreement, Kennametal will deploy NX to enhance collaboration between global engineering centers and more effectively integrate acquired companies.

NingBo HeLi Mould Co., Ltd. -- the largest auto engine body cast mold manufacturer in China. "Before choosing our CAD software, we think about three things: functionality, usability and strong CAM integration," said Fan Kaishu, general manager. "NX 5 is strong in each of these areas. No one doubts NX 5's capability in CAD/CAM of course, but we are also impressed with NX 5's usability and flexibility. Our new engineers and our work processes greatly benefit from NX 5."

CSSC-MES Diesel Co., Ltd. – the largest marine high power diesel engine manufacturer in China. "The new Active Mockup was the key to our selection of NX 5," said Zhang Guanghai, Operation department manager. "We can more easily do our design with NX 5's large scale assembly capabilities. NX 5's strong pre-process CAE functionality is also important to us. As a result, we made NX 5 our design system to do complex ship engine design."

In-Motion (formerly JiR Engineering) – racing motorcycle manufacturer. "We had already discovered the level of sophistication of Siemens PLM Software's NX 3D CAD system," says Giulio Bernardelle, Engineering technical director. "And now (with NX 5) we have found a software package that we think will be vital to the development of our design activities."

Kingdream Public Limited Company – the largest manufacturer in Asia for oil well drilling bits and one of the top five worldwide. "The external shapes of our drill bits for drilling are complex," said Tian Hongping, director of Tech-center. "Traditional methods entail extreme difficulties in terms of both structural design and subsequent machining and different software packages are required for different work steps. NX 5 wonderfully meets both requirements by providing CAD/CAM integration that greatly improves the previous means of operation. Thanks to the NX Knowledge Fusion tool, the previous complex external shape design is now significantly simplified. NX 5 excellently meets the process and other engineering requirements while designing the structure."

Tromosa – a designer and manufacturer of automotive plastic injection molds. "When it comes to design, NX is one of the best products on the market," said Miguel Reboreda Tourón R&D Director. "We were looking for integrated CAM functionality as well as the ability to adapt the system to our specific requirements. We consider it paramount to allocate resources to the exploration of the possibilities offered by NX, and to the analysis of the improvements of each new version." Reboreda believes that the reason NX is so well accepted is its user-friendliness and the possibilities it offers.

Ingenieria de CAD CAM Otazu, S.L – an engineering firm serving the hydroelectric and aerospace industries. "We are able to create geometric data easier and faster with the design capabilities in NX 5 design," said Francisco Javier Balsategui, director. "NX 5 CAM has become more aesthetic and well-designed. We have leveraged NX for the past five years. Within this period, we have developed quicker and more reliable processes in higher quality. NX enables us to better meet our customer requirements in many different industries, such as water power, aerospace and producer goods."

Moldes Barcelona S.A. – manufacturer of plastic injection tools. "Our Technical Department accesses the latest technology from NX to maintain maximum productivity and competitiveness," said Jose Luis Plegezuelos, CAD/CAM manager. "We are satisfied with Siemens PLM Software's inclusion of many

CIMdata PLM Industry Summary

of our suggested enhancements in NX 5. The product is faster and more intuitive. Our productivity has progressively increased with each version. NX addresses the unique requirements of the mold market, which is important to us as a tool and die manufacturer. We look forward to each new NX release.”

“Siemens PLM Software has reached a major milestone with the release of NX 5,” said Ed Miller, president, [CIMdata](#). “With NX 5, Siemens PLM Software has achieved longstanding goals against its previously declared roadmap for NX development and reinforced its commitment to delivering advancements in its core CAD/CAM/CAE technology solutions. The pace of NX sales and adoption by customers appears impressive relative to current market growth rates, and reflects the continuing critical importance of technology advancements in mechanical design automation, particularly in areas such as multi-CAD digital mockup and workflow productivity.”

“NX 5 is very impressive,” said Jeff Rowe, an independent mechanical design and technical communications consultant. “For a product with this much power, I am impressed with its ease of use. NX 5 has more ability than some of its competitors. I was impressed with how much bang you get for the buck – it is a very affordable product for even small companies. Yet it is comprehensive enough that companies will not outgrow it.”

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Six Tee Marine and Offshore Engineering Groups Select Intergraph SmartMarine 3D®

6 February 2008

Six Tee Engineering Group has adopted Intergraph SmartMarine 3D® software.

The Singapore and China-based company specializes in the basic and detail design and project management of marine and offshore structures. Six Tee selected SmartMarine 3D to increase productivity and quality for its work in the basic and detail design and project management of marine and offshore structures.

Six Tee projects include floating production, storage and offloading (FPSO) vessels; jack-ups; semi-submersibles; drill ships; offshore fixed platforms; pipe-laying/derrick barges; sub-sea pipelines; offshore support vessels and a variety of merchant ships.

SmartMarine 3D provides a multi-discipline, integrated design environment that will facilitate work sharing between Six Tee’s Singapore, Tianjin and Shanghai offices. The design software has proven to reduce costs and shorten project schedules for shipbuilders and offshore design firms alike. It couples engineering, automatic drawings generation, production planning and manufacturing.

"After a detailed and extensive evaluation of Intergraph PPM’s SmartMarine 3D, we found that its advanced data-centric technology, rule-driven automation and workflow integration capabilities will provide us with significant productivity and quality gains. SmartMarine 3D is exactly what our business requires for the improvement of our engineering processes and we’ll now be using SmartMarine 3D on new projects moving forward," said Six Tee Shanghai General Manager Zhang Song.

Gerhard Sallinger, [Intergraph](#) Process, Power and Marine president, said, "We look forward to helping Six Tee achieve new levels of design and production efficiency. Six Tee’s decision to adopt SmartMarine 3D shows the general industry trend toward higher, technology-based productivity solutions for competitiveness, and specifically SmartMarine 3D’s growing leadership in next-generation marine enterprise engineering software. This deal reflects the recognition of the superior productivity our marine solutions offer to the industry. A fast growing number of Chinese, Korean, Japanese and

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other shipbuilding and offshore companies currently are executing SmartMarine 3D test projects."

[Six Tee](#) is the most recent Asian adopter of SmartMarine 3D. Other users include Keppel FELS of Singapore, Samsung Heavy Industries and all five shipyards of the COSCO Shipyard Group of China.

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Stork Fokker Chooses Coastal Logic's convertLogic Enovia MatrixOne Batch Rendering Integration

5 February 2008

Coastal Logic, Inc., a leading provider of batch printing and PDF/TIFF rendering integrations for Enovia MatrixOne, announced that Stork Fokker has selected convertLogic for their MatrixOne batch rendering solution.

Stork Fokker develops and produces advanced components for the aviation and aerospace industry and has received numerous awards for excellence. It supplies lightweight aircraft components and systems to leading European and American aircraft builders in both the civil and defense sectors. convertLogic will provide Stork Fokker with an automated process for creating regulated, PDF or TIFF documents for internet use and communicating with suppliers that is solely controlled by their MatrixOne administrator.

convertLogic's batch rendering solution uses core Matrix functionality to automatically check out, convert, and check files back into the Enovia MatrixOne database within the business process lifecycle. It can render over 300 file types to PDF or TIFF, such as Auto CAD, Solid Works, Office documents, etc., without first viewing or opening in the native application, and can be used to convert legacy data during the bulk loading process or by post converting thousands of files using built-in methods. convertLogic requires no user interaction. It runs as a Service that links directly to Enovia MatrixOne. By creating create regulated viewable documents, convertLogic helps organizations ensure compliance, and maximize quality, time-cost savings, and profit.s

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Tait Electronics Slashes Time To Market For New 2-Way Portable Radio Using PTC® Product Development System

4 February 2008

PTC announced that [Tait Electronics Limited](#), a leading provider of advanced voice and data radio communications solutions, used the PTC Product Development System (PDS) including Pro/ENGINEER® to design and develop its TP8100 series 2-way hand portable radios. Using PTC software, the new radios were designed, developed and delivered to the market in just under 20 weeks, a reduction of more than 60 weeks from previous new product introductions.

Tait Electronics Limited began as a small company in 1969 and has grown to over 1,000 staff dispersed around the globe. Over the years, Tait has evolved into a successful multinational organization. With up to 100,000 custom units being manufactured each year, Tait required a PLM system that would allow for the equipment design to be adaptable to meet unique customer requirements and delivered to the market in the shortest time possible.

Tait Electronics focused its attention on the benefits that concurrent engineering with simultaneous tooling development could deliver. Due to intense time-to-market pressures, Tait knew it was imperative

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to identify problems up-front in order to avoid the late-stage tooling changes that slow a product's market launch, increase costs and diminish quality. Using the PTC PDS, Tait's design teams worked on product development in parallel with the tooling teams and was able to ensure its product design and tooling were complete at the same time. This allowed Tait to deliver the TP8100 series 2-way hand portable radios to market in just under 20 weeks.

"Tait Electronics continues to be successful because we develop world-class mobile radio equipment designed to address specialized customer requirements," said Greg Kendall, principal mechanical design engineer, Tait Electronics Ltd. "PTC has a well-proven record in the electronics and high tech industry with its product development technology. The PTC PDS enables us to continually be proactive in developing the next generation of radio communications equipment and we look forward to continue working with them."

A PTC customer for 15 years, Tait Electronics implemented several key components of the PTC PDS beginning with Pro/ENGINEER, PTC's integrated CAD/CAM/CAE software, largely due to its ability to support concurrent engineering. Tait plans to introduce Windchill, which operates seamlessly with Pro/ENGINEER, to improve access to product development and project management information across the enterprise and its suppliers. Through a virtual workspace, Windchill enables Tait to keep its development teams and suppliers aligned and on-track to foster real-time group collaboration. For its specialized mold assembly creation, Tait is using Pro/ENGINEER to work in parallel with product development in order to reduce the need for redesign and eliminate the costs associated with rework.

"The window of opportunity for new product launches is now measured in weeks instead of months, and the margins for error are razor thin," said Chad Hawkinson, vice president, product strategy, electronics, PTC. "We have 20 years of experience helping companies like Tait implement a product development system that connects engineers, suppliers, manufacturing partners and customers across the entire product lifecycle to minimize these challenges. We are happy to provide Tait with the product development technology that enables them to develop next-generation radio communications equipment."

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TCE Consulting Engineers Ltd. Joins Bentley's Enterprise License Subscription Program

5 February 2008

Bentley Systems, Incorporated announced that TCE Consulting Engineers Ltd., a leading international consulting engineering firm providing services and sustainable solutions for power, transportation, water, building, manufacturing, spatial planning, and the environment that is part of the Tata Group of Companies, has joined Bentley's Enterprise License Subscription (ELS) program. Bentley's ELS program grants organizations unlimited access to the entire ELS software portfolio for a fixed annual fee. The portfolio covers all the architectural, engineering, construction (AEC) and geospatial software needs of subscribers, providing building, plant, civil, and geospatial solutions and supporting a managed environment for their AEC and geospatial IT. The total coverage at a fixed, discounted price means that organizations can increase their software productivity and reduce their total AEC and geospatial software costs simultaneously. The unlimited access streamlines AEC and geospatial software administration while the annual term simplifies budgeting and accounting.

A.P. Mull, executive director and CEO of TCE Consulting Engineers, said, "The backbone of our organization is providing clients with time-bound, cost-effective, and innovative multidisciplinary

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engineering solutions for diverse projects.

“Our new Bentley ELS supports our ability to be innovative by providing quick access to end-to-end solutions for our projects. The comprehensive portfolio available to us lets our technical teams select software solutions based on the requirements of a specific project without increasing our budget to accommodate them.

“For example, TCE Consulting Engineers recently deployed Bentley WaterGEMS and HAMMER, which are included in our ELS, on a water distribution modeling and transient analysis project for the Bangalore Water Supply and Sewage Board. Other usages include AutoPIPE, Bentley’s pipe analysis solution, for power and other projects. By using these solutions we can deliver projects on time and on budget, and win future assignments based on our proven capabilities and accomplishments.”

The Bentley ELS gives [TCE](#) Consulting Engineers a quick, cost-effective way to offer its clients technically creative alternatives and sustainable solutions for its projects. As a strategic benefit, Bentley’s ELS helps organizations such as TCE Consulting Engineers become more agile. Project starts can happen faster and teams can reconfigure for new opportunities more quickly. No-charge pilots allow new technology to be infused into projects more readily. ELS agreements can include partners, extending the agility and multiplying the benefits in global projects.

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Thales Nederland Chooses Valor’s Solutions for Process Engineering

7 February 2008

[Valor](#) Computerized Systems Ltd has been selected by Thales Nederland, a member of the international Thales Group, to provide its Process Engineering software solution for seamless CAD-to-Machine transfer.

As a current user of Valor’s Design for Manufacturing (DFM) tools, Thales Nederland, a provider of military electronic systems, already enjoys the benefits of high quality and accelerated NPI (New Product Introduction) process resulting from verification of designs prior to manufacturing. Now, Thales Nederland has chosen to expand their use of Valor’s solutions to the process engineering realm, and implement Valor’s process automation and machine program optimization tools. The solution will be implemented in a mixed SMT (Surface Mount Technology) production lines environment comprised of Assembléon and Yamaha SMT platforms.

“Our solutions for accelerating and improving quality of electronics manufacturing are suitable for all types of companies – even those who need to meet the strictest demands like Thales Nederland,” said Stephan Häfele, president of Valor Europe. “In addition, the ability to operate in a mixed-vendor environment using a single tool will provide Thales Nederland with significant flexibility and transparency in their work.”

Valor’s Process Engineering solution integrates all incoming logistical and engineering data into a single database for elegant, efficient pre-production and communication. Once all the relevant data is captured, it is analyzed and optimized for manufacturability using full kinematics modeling of assembly machines together with advanced optimization routines.

Whether for single products on stand-alone machines, or multiple products on multi-platform assembly lines, the result is significant operational efficiency and quality improvement, achieved through clean, validated, optimized data fit for right-first-time manufacturing.

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Product News

Added Value for Product Management: SimPDM - Integration of Simulation and Computation Data

8 February 2008

Whether crash simulations or the virtual determination of operating loads – the effective integration of the data gained in such tests in product data management (PDM) allows us to save time and costs when developing new technical systems. The ProSTEP iViP Recommendation PSI 4 „Simulation Data Management – Integration of Simulation and Computation in a PDM Environment (SimPDM)“ provides for the first time a proven-and-tested data model, that ensures optimal integration of simulation and computation data in a PDM environment.

The Recommendation – which was jointly developed by the ProSTEP iViP SimPDM Project Group and the German Association of the Automotive Industry (VDA) – was tested for practicability on the basis of the following three use cases: a crash simulation of an entire vehicle as a FEM simulation, the determination of operating loads on a virtual test track as a MBS simulation as well as the design protection of a charge-air cooler as a CFD simulation (CFD: Computational Fluid Dynamics). According to the Project coordinator Dr. Marcus Krastel (:em engineering methods AG) the results are very clear: “The reference data model developed by the SimPDM Project Group is able to map the information from all three use cases and transfer them into a PDM-system. Thus the implementation of this reference data model allows us to achieve a significant increase in efficiency of simulation and computation processes and the entire development.”

Members of the SimPDM Project Group include well-known automotive manufacturers and suppliers, representatives of system vendors, and research institutes. The ProSTEP iViP Recommendation PSI 4 (SimPDM) is available for download free of charge on the homepage of the ProSTEP iViP Association: <http://www.prostep.org>.

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Altair Engineering and ACUSIM Software Integrate PBS Professional™ into AcuConsole™ Creating an Optimized Computational Fluid Dynamics (CFD) Process

5 February 2008

Altair Engineering and [ACUSIM Software](#) announced the integration of PBS Professional software for cluster, grid and on-demand computing, with AcuConsole, part of an industry-leading computational fluid dynamics (CFD) solver solution. The unified solution includes an innovative PBS Button within AcuConsole that enables a seamless interface between graphics-based pre-processing and cluster computing operations for organizations performing CFD.

The tight integration of Altair's PBS Professional™ with ACUSIM Software's AcuConsole™, a GUI based pre-processor for AcuSolve™, helps customers save time in their CFD computing efforts. AcuConsole now allows users to submit batch jobs to computing systems by simply clicking on the PBS Button. The PBS Professional interface is fully customizable and saves settings between sessions of AcuConsole to record site specific commands and options in the job submission script. The integration of PBS Professional with AcuConsole represents a broader partner program by Altair to provide unified

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software solutions to reduce costs and increase customer productivity.

"The integration of PBS Professional enables batch job submission capabilities from within AcuConsole and reflects ACUSIM Software's commitment to improving the analysis process and reducing the time and effort required to obtain a CFD solution," said Dr. Farzin Shakib, President of ACUSIM Software. "This integration further simplifies the simulation process and provides a seamless transition between desktop pre-processing and cluster-based compute operations."

The new configuration builds on the existing capabilities of AcuSolve, which already allows batch jobs to obtain host information directly from PBS Professional. The complete integration of PBS Professional and AcuConsole provides an ideal software solution for CFD customers because it eliminates custom integration efforts, speeds technology implementation time, delivers an easy-to-use solution for faster results, and increases utilization of high- performance computing (HPC) resources.

"The integration of AcuConsole with PBS Professional gives AcuSolve users a familiar interface to leverage the full power and value of cluster and grid computing," said Michael Humphrey, Vice President of Partner Programs for Altair. "Altair Engineering works closely with its application partners to deliver integrated solutions to provide greater value than each of the components alone. PBS Professional is an enabling technology that allows customers to maximize their computing resources."

Web site: <http://www.altair.com/>



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Emergent Systems Awarded Dassault Systemes CAA Adopter Partnership

6 February 2008

[Emergent](#) Systems announced that it has been awarded partnership in the Dassault Systemes CAA V5 Adopter Program.

The agreement between Emergent Systems and Dassault enables Emergent to distribute its 'Knowledge Connector' software, which bridges Emergent's E2ks and Dassault's Catia V5. The 'Knowledge Connector' allows Catia V5 modelled parts and assemblies to be automatically infused with the technical know-how managed by E2ks. For example, E2ks may manage a variety of engineering standards which define parametric design boundaries and relationships such as 'min' and 'max clearances', 'radii', 'equations', etc. These boundary conditions are automatically created by E2ks through the 'Knowledge Connector' as native Catia V5 Knowledgeware components (without intervention by the V5 engineer). This infusion of technical know-how serves to guide the design process and to promote compliance with engineering best practices. Further, the parametric boundary conditions can be tracked in real-time and status can be reported online through E2ks.

"Catia V5 now represents a significant and additional mode by which our enterprise solution for technical knowledge management, E2ks, can deploy technical know-how and engineering standards," said Jeff Moffa, Vice President Emergent Systems. "Systematically deploying engineering standards through a popular CAD system like Catia V5 from Dassault will provide unprecedented value to E2ks customers and represents a significant step forward toward our vision of 'Knowledge Aware' engineering processes."

About E2ks

The Enterprise Engineering Knowledge System (E2ks) is a structured, web-deployed, repository and

hub for engineering standards and technical know-how. E2ks not only provides superior retention and refinement of technical ‘know-how’, but also its systematic application to all points of ‘Product’ and ‘Mfg Process’ design, yielding compelling advancements in engineering capability.

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HP Japan and CollabNet Announce Quality Management Solution for Software Development

25 January 2008

Hewlett-Packard Japan, Ltd. (HP Japan, headquarters Chiyoda-Ku, Tokyo, President Shinichi Koide) and CollabNet Japan K.K. (CollabNet, headquarters Ebisu, Tokyo, Vice President of Asia-Pacific Takayuki Katashiba) announced the availability of the integrated Japanese environment for HP Test Director for Quality Center and Subversion, as well as the CollabNet software development platform. This combination allows distributed software developers and test engineers to gain real-time visibility across the software development lifecycle.

Software development today leverages offshore and outsourced based collaborative initiatives. This is driven by the benefits gained from respective development stages being completed in cost-effective sites. However, the development productivity and quality challenges make it difficult to manage disparate development platforms and disparate operational and development processes. Project Management Offices try to overcome the challenge by over-managing information criteria, leading to quality assurance issues.

Today’s announcement solves such challenges. “HP Test Director for Quality Center” is a core product member of “HP Quality Center”, the software development quality management suite offered by HP Japan. Through the integration between “HP Test Director for Quality Center” and CollabNet’s development platform for distributed development, seamless central management and visibility of development efforts across design, coding and testing is made possible. Defects found in testing phases can be fed to engineering in real-time, and vice versa. In addition, test plans are version controlled, resulting in an overall optimized software development process.

The “CollabNet Connectors to HP Quality Center” are available as a free download with optional support packages from the openCollabNet developer Web site (<http://downloads.open.collab.net>).

HP Japan and CollabNet plan to offer information regarding the integrated solution on respective web sites, as well as co-hosting webinar events featuring the joint solution.

“HP Quality Center” – enabling the optimization of testing quality

“HP Quality Center” is a product suite offering solutions for optimized software development quality management. Real-time management of customer requirement status and related defects is made possible. This offers visibility into potential risks, enabling timely pre-emptive action. The suite also aids in the streamlining of standardized testing processes and quality assurance processes. This enables the timely management of critical product issues prior to production, thus lowering overall product costs.

“HP Test Director for Quality Center” is a web-based application offering visibility and management for software testing, such as requirement management, test planning, test execution, defect management. It also supports quality process management by multiple groups, enabling effective testing in distributed software development environments.

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CollabNet – enabling the integration of distributed development environments

CollabNet's enterprise products, "CollabNet Enterprise Edition" and "SourceForge Enterprise Edition" are effective solutions for distributed environments such as off-shore development and outsourcing initiatives. Key functionality required for distributed and collaborative development such as version control, defect tracking, wiki, communication tools, task management and role & permission are integrated into the platform. CollabNet is also the primary sponsor of the open-source development of "Subversion", which has now grown to be the de-facto standard version control solution for geographically distributed teams. CollabNet integrates Subversion into CollabNet Enterprise Edition and SourceForge Enterprise Edition, offering the optimal development platform for enterprise use.

For information on respective products: [HP Quality Center](#)

CollabNet products: <http://www.collab.net/jp/products/index.html>

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IBM Adds New Dassault Systèmes V6 Offering to Product Lifecycle Management

1 February 2008

IBM announced support for Dassault Systèmes' new product lifecycle management (PLM) V6 offering. This new version provides the basis for future PLM applications designed to improve productivity across enterprises and help shorten time-to-market for products.

The V6 platform will ease use of PLM applications across multi-disciplinary engineering and business groups. Based on a single, open and scalable service-oriented architecture (SOA), the V6 platform allows global teams to collaborate on the development of a new product line including product specifications, design and development.

V6 delivers an on-line, web-connected environment that gives users a 3-D, real-life preview of new products before they undergo manufacturing. Dassault Systèmes' new platform is based on MatrixOne technology and a suite of integrated applications that cover a wide range of PLM processes -- including product planning and development, materials sourcing and compliance and program management.

In addition to complementing IBM's SOA foundation, V6 runs on IBM's WebSphere, Information Management, Rational, Tivoli and Lotus software. Dassault Systèmes and IBM share a commitment to SOA as a cost-effective approach in deploying repeatable, industry-specific solutions.

Product designers and engineers who need to address issues immediately using instant messaging and web conferencing tools can integrate Lotus Sametime with Dassault Systèmes 3DLive, a 3-D offering solution used to search, communicate, and collaborate on product data.

"We are pleased to extend our long-standing relationship with Dassault Systèmes to give clients a flexible set of PLM offerings," said Albert Bunshaft, vice president, IBM Product Lifecycle Management. "With V6, Dassault Systèmes is recognizing the need for continuous collaboration and information sharing to support products at any point in their lifecycle."

3DLive for V6 is available today from IBM. Later this year, IBM will sell and support Dassault Systèmes' V6 PLM offerings including CATIA, a product definition and simulation offering; ENOVIA, the foundation for V6's PLM platform for cross-industry, business processes; and DELMIA, a digital manufacturing process environment used to optimize production systems and processes.

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Clients who want to integrate PLM applications into other enterprise systems and across their PLM value chain have access to a global network of IBM software and services experts through IBM's PLM Centers of Excellence. They can also tap into IBM-specific experts at Dassault Systèmes International Competency Center (IDSICC) headquartered in Suresnes, France.

For more information about IBM please visit <http://www.ibm.com> and <http://www.ibm.com/solutions/plm>.

For Dassault Systèmes please visit <http://www.3ds.com>.

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IFS launches New Solution for the Energy & Utilities Industry

6 February 2008

The energy & utilities solution is being launched this week at Energiform in Oslo, Norway, hosted by IFS, at which Norwegian and Swedish representatives of the industry are meeting for two days. Based on IFS' 25-year-long experience in the industry, the solution has been developed in collaboration with Hafslund, Statnett and Buskerud, all Norwegian energy & utilities corporations. News includes increased use of mobile functionality, improved document management, and lower costs for customers.

From an international perspective, Nordic utilities have much greater experience of operating in competitive, deregulated markets, in which the focus has been on adapting to market conditions and customer orientation while continuing to efficiently produce, transmit and distribute power.

“Our objective in participating in the project was to develop a solution that supported the needs we have today,” said Dag Akselsen, project and development director at Hafslund. “The industry has undergone tremendous change in recent years, and we need enterprise applications that support this. We have collaborated closely with IFS to gain maximum benefit from IFS Applications.”

Hafslund is a project-intensive enterprise. In recent years, IFS has developed functionality specifically for this type of business, which Hafslund is implementing step by step.

“We are extremely project-oriented at Hafslund and are therefore dependent on applications for this type of operations. Maintenance schedules, workshops, and repairing and constructing infrastructure are examples of operations that are project-driven. In our experience, the new functionality in IFS Applications provides good support for projects and makes it easier to integrate technicians, suppliers and customers,” concludes Akselsen.

“IFS has 25 years experience collaborating with utilities in Scandinavia, and we have often developed new functionality in collaboration with our customers,” said Anders Wilhelmsson, industry director for service and asset-intensive industries at IFS. “Such collaboration has often formed the basis for our global industry solutions.”

Anders Wilhelmsson sees further benefits, “Utilities are being deregulated throughout the world, which places new demands on a company's processes. Enterprise applications must be agile and offer functionality that supports the new processes.”

IFS prioritizes the energy and utilities industry and has more than 130 customers involved in power generation, transmission and distribution and water and sewage. These include the world's largest hydropower plant, Three Gorges (P. R. China), nuclear power plants OKG (Sweden), PBMR (South Africa) and Qinshan (P. R. China), grid operators such as Svenska Kraftnät (Sweden), Statnett (Norway)

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and TenneT (The Netherlands) as well as distributors such as Vattenfall (Sweden), Fortum (Sweden), and Hafslund Energi (Norway). Reliable and safe Asset management and workforce management are critical processes in the energy and utility industry, to which IFS has provided solutions for more than 20 years.

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New Sopheon Solution Synchronizes Strategic Product Planning and Innovation Process Execution

6 February 2008

[Sopheon](#) announced the introduction of a Sopheon software solution that enables companies to synchronize strategic product planning and innovation process execution. The offering is the first in the history of product life cycle management to tie product, market and technology roadmapping directly to the operational aspects of product development. The solution was created by integrating Sopheon's Accolade® product portfolio and process management software with a recently completed new version of the company's strategic product planning software, Vision Strategist™.

Strategic Product Planning and Execution

An estimated 65 percent of companies struggle to keep product portfolios and developmental activity aligned with corporate strategic plans. A principal reason is that in most organizations, product planning and product development execution are independent, complex processes. What's more, they are typically carried out by multiple, geographically dispersed teams and functions, with little emphasis on making sure that innovation projects fit the business' long-term product strategies. The new Sopheon offering addresses these issues by creating a seamless, automated process and decision framework that continually reconciles strategic product planning and operational execution. The software captures and manages detailed project data while simultaneously modeling short- and long-term scenarios around market factors. Gate decisions improve because they include consideration of strategic plans and operational and external issues. At the same time, roadmapping decisions are made more dynamically and with greater confidence because they leverage accurate, up-to-date details on current projects. The result is stronger synchronization between product plans and innovation process execution, enabling companies to:

- Increase the visibility of innovation strategies, allowing individuals at all levels—from executives to team members—to clearly see the role they play in supporting innovation initiatives and do a better job of making decisions that ensure objectives are met;
- Minimize the risk that external factors such as competitor initiatives, regulatory changes or disruptive technologies will negatively impact the return on near- or long-term product innovation investments;
- Identify market “white spaces” or growth opportunities outside core businesses where product development can lead to significant, profitable new revenue; and
- Make certain that the generation of new products matches existing and future market demand by creating a continuous innovation stream that predictably and reliably supports achievement of corporate goals.

“Today's top innovators know that in order to be effective, strategic product planning needs to be more than a once-a-year event,” said Bryan Seyfarth, solutions marketing director for Sopheon. “They treat planning as an ongoing process, and make sure throughout the year that it is linked tightly to the execution of operational initiatives. The strength of the integration between Accolade and Vision

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Strategist is that it provides an automated structure that improves both planning and execution. The flow of data within the system facilitates regular monitoring of project activities, and helps to ensure that the activities are aligned with strategic plans and goals. As a result, there is a much higher probability that those plans will translate into business-generating realities.”

Product, Market and Technology Roadmapping

Today’s announcement also marks the introduction of a new version of Sopheon’s Vision Strategist (VS) product planning and roadmapping solution. Referred to as Version 4.0, the software was completed in December 2007, just six months after Sopheon acquired the offering as part of its purchase of Aligned Software, the California-based company that developed VS and established it as the market standard for strategic roadmapping support. Earlier versions of the software have been deployed by a broad range of companies, including leading manufacturers such as BAE Systems, Corning, Honeywell, Medtronic, Motorola and Northrop Grumman, and government entities such as the U.S. Navy and Air Force.

The use of road maps as a central aspect of product planning is growing rapidly in popularity. Recent studies determined that approximately 30 percent of companies now use them. The same research showed that twice as many top performers in product innovation employ road maps compared to poor performers. Supported by such findings, roadmapping is increasingly acknowledged as a best practice in effective strategic planning and an important contributor to successful stage- or phase-gate process implementation.

Sopheon’s Vision Strategist solution structures and automates the client’s strategic planning process. The software helps companies reduce the uncertainty and risks associated with making complex product portfolio decisions by allowing them to visualize the likely impact of external developments over extended periods of time. Road maps created by the VS system can be used to project and analyze the future of everything from products, markets and technologies to the competitive landscape.

“Our success as a developer of weapons systems depends upon being able to anticipate the direction of technologies and make the right investment decisions,” said Suresh Verma, lead science & technology strategic planner for the Naval Air Systems Command (NAVAIR). “We’re rolling out Sopheon’s Vision Strategist within our PMA 209 Common Avionics organization, one of NAVAIR’s key programs. The solution allows us to chart and analyze the impact that forecasted events and trends will have on the technologies that we expect to be core to the Navy’s capabilities in the future. That is an enormous performance advantage.”

Vision Strategist Version 4.0 offers a variety of new features that improve the visual clarity of road maps, reduce the time required to create and manage them, and make it easier to communicate them. A new portfolio management accelerator allows the user to see road map data in the context of current product, project and funding commitments, and make informed decisions about whether and how priorities need to be adjusted to take maximum advantage of both near- and long-term opportunities. The software is pre-populated with best-practice charts and reports that allow users to generate presentations and other deliverables with ease.

Dr. Robert Cooper, president of the Product Development Institute and creator of the Stage-Gate® product development methodology, has counseled Sopheon on the development of its software solutions and observed the evolution of the company’s offerings over time. In reacting to today’s announcement, Cooper said: “Sopheon continues in its excellent tradition of developing software to meet the needs of the new product development space. My colleagues and I have been involved with Sopheon since they

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first introduced the original Accolade to automate new product development (NPD), and indeed we were on the external advisory committee for the design of Accolade. Accolade has proven to be an excellent product over the years for managing NPD and supporting the Stage-Gate process. If you are in the market for Stage-Gate or NPD software, I strongly recommend that you have a close look at the latest version of Accolade, which now integrates strategic product planning and process execution in a single application.”

Sopheon’s new, integrated strategic product planning and process management solution, as well as Vision Strategist Version 4.0, are available immediately for purchase and implementation.

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RAND Worldwide Expands and Enhances Rapid Deployment PLM Program, QuickStart

5 February 2008

RAND Worldwide announced that it has expanded and enhanced its rapid deployment Product Lifecycle Management (“PLM”) program, QuickStart. The Company has enhanced its existing CATIA V5: Design package and introduced two new offerings: CATIA V5: Manufacturing and ENOVIA SmarTeam – Pro/ENGINEER Integration (“SPI”).

“We recognize that every client’s PLM requirements differ, making the ability to customize their software tools to meet their specific need the key to getting the most out of a CATIA V5 or SPI deployment,” said Joe Oswald, Executive Vice President, PLM Operations, North America and Europe, RAND Worldwide. “With the enhanced version of our QuickStart program, our clients can now customize their design capabilities, and implement best practices for greater design and data management efficiency.”

The CATIA V5: Design QuickStart package has been expanded from a five to 10-day program, and includes additional implementation processes. The package now offers further CATIA V5 deployment customization options, focusing on organizational usage plans and design requirements. The package also includes documented best practice plans for CATIA V5 and the client’s accompanying Product Data Management (“PDM”) tool.

The CATIA V5: Manufacturing QuickStart package is designed specifically for manufacturing engineering organizations. The package assists administrators and power users to properly configure their CATIA V5 NC Manufacturing environment, develop and design manufacturing methodologies, and validate their local environment. RAND works onsite to offer guidance and mentoring services for improved NC methodologies, and also provides documented best practice guidelines that are specific to each client’s needs.

The ENOVIA SmarTeam – Pro/ENGINEER Integration QuickStart package is ideal for companies that want to improve their data management capabilities by introducing ENOVIA SmarTeam into their Pro/ENGINEER environment. The package introduces Pro/ENGINEER users to ENOVIA SmarTeam’s vaulting, web and workflow capabilities. The SPI QuickStart package also allows for implementation at an engineering work group level before introducing it across an entire organization.

Launched in April 2006, QuickStart offers a selection of deployment solutions for CATIA V5 and ENOVIA SmarTeam that are faster and more cost effective to implement than a standard PLM and PDM deployment. The program assists in building a proper PLM foundation for organizations with limited internal knowledge of CATIA V5 and ENOVIA SmarTeam set-up and administration, or a need

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to improve the progress of an existing implementation, with minimal upfront investment.

QuickStart leverages RAND's TAKE AIM (Assured Implementation Methodology) program, a proven four-phase project implementation approach, derived from RAND's extensive experience with PLM and PDM deployments across a variety of industries.

Launch timeframes for the CATIA V5 and ENOVIA SmarTeam programs start at just 10 days by RAND's professional services team. All implementations provide the foundation for a fully functioning PLM system, without any limitation for expansion to the full capabilities of CATIA V5 or ENOVIA SmarTeam.

To learn more about RAND's QuickStart programs, please visit www.rand.com/quickstart

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Synopsys Expands Leading USB IP Portfolio With New IP for Link Power Management and High Speed Inter-Chip Standards

4 February 2008

Synopsys, Inc. announced a major expansion to its leading DesignWare® USB IP (<http://www.synopsys.com/usb>) product line with support for the USB 2.0 Link Power Management (LPM) and High Speed Inter-Chip (HSIC) standards. The new DesignWare USB LPM and HSIC digital controller and PHY IP reduce power consumption and area for USB-enabled chips. Both IP products leverage Synopsys' rich experience in low power design methodology and tools to enable more power efficient integrated circuits (ICs).

DesignWare USB Link Power Management IP

The DesignWare USB LPM IP digital controller and PHY IP implement a new power sleep state to reduce power consumption. The USB LPM IP can provide faster suspend and resume times by three orders of magnitude (now microseconds instead of milliseconds) compared to the existing USB 2.0 specification, allowing devices to save power by more frequently turning off the USB connection while idle. The DesignWare USB LPM IP is designed to further reduce power consumption over the existing low power DesignWare USB 2.0 IP architecture. The current DesignWare Hi-Speed USB On-the-Go digital controller IP implements multiple power domains, allowing nearly the entire core to be completely turned off while idle. This maximizes battery life with reduced leakage power by 95 percent compared to solutions that do not employ multiple power domains.

DesignWare USB High Speed Inter-Chip IP

The DesignWare HSIC digital controller and PHY IP eliminates USB cables and connectors, and simplifies the connection down to two wires for high speed chip-to-chip communication operating up to 480 Mbps. Unlike other USB HSIC PHY offerings, the DesignWare USB HSIC IP is the industry's only IP solution consisting of integrated high speed digital and analog blocks, PLL, and I/O pads which are delivered as GDSII for advanced foundry processes. This can save designers significant time, cost and the risk of acquiring and integrating the IP separately. By eliminating the need for 3.3V signaling and 5V short protection logic, the DesignWare USB HSIC PHY offers up to 50 percent lower power and 75 percent smaller area compared to traditional USB 2.0 PHYs.

The DesignWare USB HSIC IP remains fully compatible with existing USB software stacks, allowing designers to lower system costs, shorten design time and improve productivity by reusing existing USB

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interfaces, drivers and firmware. The DesignWare USB HSIC digital controller, which is compliant with HSIC signaling, supports high speed USB 2.0 data transfers up to 480 Mbps. The USB HSIC IP solution is ideal for applications such as 3G/4G handsets, smartphones, set-top boxes and mobile internet devices.

"As one of the leading companies in USB IP solutions, [Synopsys](#) continues to be in the forefront of supporting the latest USB specifications," said Jeff Ravencraft, USB-IF President. "This solution enables manufacturers to integrate USB IP into mobile applications for higher bandwidth chip-to-chip connectivity with enhanced battery life and ultimately pass the cost savings to their customers."

"As the leader in USB IP for six years in a row (Dataquest 2007), we are very excited about how these standards will significantly lower power for mobile devices and drive the USB protocol into new applications requiring chip-to-chip communication," said John Koeter, senior director of marketing for IP and Services at Synopsys. "By supporting both the HSIC and LPM standards, we enable designers to rely on one vendor for their USB IP needs with the quality they have come to expect from Synopsys."

Availability

The first DesignWare USB IP for the new USB 2.0 LPM and HSIC standards is scheduled to be available in Q2'08. The new products will complement the existing DesignWare USB 2.0 family of digital controllers, PHY and Verification IP. For more information on DesignWare USB IP visit <http://www.synopsys.com/usb> or the blog: <http://www.synopsysoc.org/usb-blog/>

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Tecplot Inc. and CD-adapco Form Partnership

8 February 2008

Tecplot, Inc., the developer of Tecplot data visualization and technical plotting solutions, announced it has partnered with CD-adapco to create a new interface between Tecplot 360 2008 and CD-adapco's STAR-CCM+ computational fluid dynamics (CFD) software, adding support for polyhedral cell technology.

Customers of both companies will benefit by being able to combine the comprehensive CFD solutions of STAR-CCM+ with the cutting-edge visualization capabilities of Tecplot 360 2008. As a result of the partnership, Tecplot's users will be able to read STAR-CCM+'s native file format, and CD-adapco's users will have access to Tecplot 360's publishable quality images and animations.

A joint announcement of the partnership was made to Aerospace customers at the 46th AIAA Aerospace Sciences Meeting on January 7 in Reno, Nevada during Tecplot's presentation of the latest release of Tecplot 360.

"Being the first to natively support the STAR-CCM+ format shows our dedication to both CD-adapco's customers, as well as our own" says Tecplot President, Mike Peery. "Our relationship with CD-adapco is a natural partnership, due to their dedication to technical excellence combined with their focus on customer solutions. Polyhedral performance is becoming increasingly important, and the combined power of our respective applications will yield major productivity gains for users."

David Vaughn, Director of Aerospace and Defense for CD-adapco, says, "Tecplot continues to be an invaluable partner for CD-adapco. Their user focus meshes perfectly with our mission to develop long-term relationships in order to provide maximum benefit for the customer."

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CD-adapco will in turn be supporting export of the Tecplot format in the next release of STAR-CCM+.

About Tecplot, Inc.

Founded in 1981, privately held Tecplot, Inc. (<http://www.tecplot.com>) delivers visualization software for engineers and scientists to analyze, discover, and communicate results. With more than 30,000 users worldwide, Tecplot has become the trusted name in data visualization.

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