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Acquisitions

Bentley Acquires C.W. Beilfuss & Associates

12 February 2007

[Bentley Systems, Incorporated](#) announced that it has acquired C.W. Beilfuss & Associates, Inc. (CWB), a leading provider of consulting services, software development, and licensed software products to engineering firms and transportation government agencies, including more than 40 U.S. state departments of transportation (DOTs).

CIMdata PLM Industry Summary

Commenting on the acquisition, CEO Greg Bentley said, “I would like to join many others in the transportation infrastructure field in congratulating Chuck Beilfuss, who founded CWB in 1975, on his long and productive career in leading not only CWB, but also the supporting professions at large. We at Bentley have always had great respect for the expertise, work, and products of the CWB team, which Chuck has so skillfully led and inspired.”

Continued Mr. Bentley, “In lifecycle management of roadway and bridge asset information, there is so much we now can accomplish together. This combination is very exciting for Bentley, CWB, and our mutual user organizations. Best of all, Chuck will help guide the new directions with his famous zeal and wisdom, while also having some thoroughly earned ‘retirement’ time.”

CWB’s fully integrated SUPERLOAD software for permit administration and safe routing of oversize and overweight vehicles, live load bridge analysis, restriction management, and commercial vehicle information systems and networks (CVISNs) is used by 10 state agencies. Its bridge software has been instrumental in the analysis and rating of bridges on the National Highway Network, and is compatible with the AASHTOWare Virtis software and BRIDGEWare database.

The SUPERLOAD solution offers fully automated availability via the Internet. It accepts applications, performs all the required completeness, compliance, and technical analyses, and issues permits 24 hours a day, seven days a week.

In addition, its capabilities recently have been expanded to provide Web-portal-based permits for the trucking industry using CWB’s multistate permitting solution. Through the first hosting of this solution – for the state of West Virginia – more than 20,000 permits were issued in 2006.

As Ted Johnson, vice president, Bentley Civil, explained, “CWB, working with the West Virginia DOT, has successfully implemented the first hosted permit issuance application on the GotPermits Web site. As a result of our acquisition of CWB, Bentley will be able to extend this offer to each of our ARPS (Advanced Routing and Permitting System) users. The combination of Bentley and CWB users has the potential to offer the trucking industry single-point access to obtain multistate permits across up to 20 states.”

Johnson continued, “On behalf of Bentley, I would like to welcome all CWB users to the Bentley user community. Through this acquisition, Bentley will be able to provide both SUPERLOAD users and ARPS users with better and expanded service for the issuance of safe oversize, overweight, and hazardous material truck permits. These enhancements will result from the integration of CWB’s and Bentley’s solutions and the combined delivery capabilities, professional knowledge, and experience of the two organizations.”

Said CWB CEO Chuck Beilfuss, “All of us at CWB are pleased to join the Bentley team and participate in the integration and further development of our widely used automated routing and permitting solutions. Our users will greatly benefit from the breadth and reach of its comprehensive portfolio, as well as from its long commitment to products that serve the infrastructure needs of the transportation arena.”

CWB's entire staff in both its Downers Grove, Illinois, and Houston, Texas, offices will become Bentley colleagues, and Chuck Beilfuss will become a consultant to the company. For more information about Bentley's CWB line of solutions and services, go to <http://www.cwbeilfuss.com>.

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CEA Acquires CIMS Software Systems LTD

30 January 2007

[CEA Systems B.V.](#) announced that it has acquired E&I Software from the CIMS software company of Ludan. CEA will combine the synergies to provide their clients in the Process and Power industry with a new release of the Plant-4D E&I package. Customers will benefit from CEA's complete design and project management tools and customer service. It will facilitate CEA to continue delivering the cost control, productivity improvements that optimize techniques for progressive companies. CEA provides automatic piping drawing generation to prevailing software users.

Plant-4D E&I .NET is a 100% configurable system designed to manage electrical and Instrumentation related information and maintenance tasks in one single database according to the client's standards and supports multiple graphical CAD engines.

Drs. Camiel de Clercq, President of CEA, said "This acquisition will break open the E&I market. We will revolutionize the way engineers are executing projects and thereby drastically reduce their costs. The decision to expand our emphasis on E&I enables us to do what's best for our customers. We remain committed to the advancement of the CEA suite of high-quality, cutting edge technology software."

CIMS has an esteemed group of global customers such as Monsanto, Kaneka, Solvay, Rhodia, Jacobs, BP, Utility Engineering, BIBB & Assoc. and Rhone Poulenc.

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Planview Acquires Business Engine

13 February 2007

[Planview](#) announced that it has acquired substantially all of the assets of San Francisco-based, Business Engine. Business Engine's 20-year history and focus in IT portfolio management further strengthens Planview as the clear independent market leader in the IT portfolio management market. In addition, Business Engine's market leading position in Earned Value Management expands the company's presence within the growing performance management market for federal government agencies and government contractors. Financial terms of the acquisition were not disclosed.

"Portfolio management has become a proven discipline within the world's leading organizations. This transaction creates a strong, customer-focused, and independent solutions provider solely committed to

using portfolio management methods to manage organizational performance,” said Pat Durbin, founder and CEO of Planview. “This partnership is a natural integration of two companies that share many common characteristics – a focus on creating value for our customers, a remarkably aligned product vision, strength in financial services, and most importantly, a cultural fit that offers our customers seamless, world-class service.”

Planview has pioneered and advanced the portfolio management discipline. With the addition of the Business Engine Network product family, Planview strengthens its market leadership in IT Portfolio Management and deepens its capabilities in the Earned Value Management and Product Portfolio Management markets.

Durbin adds, "In recent years, Earned Value Management has seen an increased level of interest, both with federal contractors and within federal agencies. The addition of Business Engine’s market leading earned value product line enables Planview to better serve these customers by adding an earned value offering to our current market leading portfolio management solution. In addition, the strategic partnership that Business Engine brings with the UGS Corporation's Teamcenter® product suites makes us a leading supplier of product portfolio solutions."

Planview will continue to support the Business Engine Network™ (BEN™), Micro-Frame Program Manager™ (MPM), Alignment Engine, and other Business Engine products. Business Engine customers will benefit from the Planview customer-driven product development approach, customer service, and a commitment to innovation in the portfolio management discipline. Additionally, the new organization will be better suited to scale to meet the needs of large, global enterprise customers seeking better performance management solutions.

"Both Business Engine and Planview share a passion for helping customers achieve breakthrough business performance," said Mark Strauch, CEO of Business Engine. "This combination is a big win for Business Engine customers, by providing the scale, the innovation, the customer commitment, and ultimately the integration of Business Engine technology into the industry's leading IT portfolio management platform."

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Company News

Autodesk Continues to Inspire Next Generation of Global Innovators

12 February 2007

Autodesk, Inc. announced at the company's first annual World Press Day event continued plans to invest heavily in education, enabling the next global generation of engineers, architects and designers to be inspired and prepared for visionary careers.

Due to the gradual and subtle effects of globalization, the United States has seen a steady decline in engineering and manufacturing jobs. This means that now is a crucial time for leaders in the business community to invest in education.

"Autodesk feels passionately about inspiring and preparing the next generation of engineers, architects and designers," said Paul Mailhot, Autodesk senior director, worldwide education programs. "We want them to have the necessary tools to experience their ideas before they're real."

Autodesk will continue to support education initiatives by investing in important programs that encourage students of all ages to take an interest in science, technology, engineering and math, or STEM.

A few of Autodesk's educational priorities in the coming year will include:

- A continued investment in Project Lead the Way, a non-profit organization dedicated to the advancement of pre-engineering instruction for middle- and high-school students
- Support of the FIRST Robotics Competition, in which students throughout the world use Autodesk visualization tools to create the robots of their wildest imaginations
- Steady contributions to primary, secondary and higher education institutions, helping educators inspire students to pursue visionary careers through Autodesk technology and academic solutions such as Autodesk Design Institute, Autodesk Design Academy, Autodesk DesignKids and Autodesk Animation Academy software offerings
- Continued support for design and engineering students through Autodesk's Student Engineering and Design Community, which provides students and educators the much needed access to real-world tools and resources for free*
- The advancement of technology education and adoption in developing economies such as India, China, Russia, Eastern Europe and Latin America

Inspiring Creativity at a Young Age

Autodesk is committed to inspiring the next generation of innovators at the earliest age possible. This is why the company is a major supporter of Project Lead the Way (PLTW), a non-profit organization dedicated to the advancement of pre-engineering instruction for middle- and high-school students. Participating schools place an emphasis on STEM education with dynamic pre-engineering courses that employ rigorous project-based curricula. The program currently boasts over 1,800 participating schools in the United States and District of Columbia, reaching an estimated 175,000 students, in grades six through twelve. Autodesk has donated its 3D products, such as Inventor software, to the program.

Autodesk also supports the FIRST Robotics Competition, which inspires young people to appreciate science and technology through the design and construction of imaginative robots. Autodesk has been a

sponsor of the FIRST Robotics event since 1992, donating the tools students need to imagine and create their robots. This year, Autodesk donated \$17 million worth of software and training resources to the program.

Through Autodesk specialized academic solutions DesignKids and Design Academy, middle- and high-school educators are able to teach students how to apply their math and science skills to design projects such as bird houses, skate board parks, bridges, vacation homes, a desktop toy or even their dream room.

Preparing the Next Generation of Innovators

Autodesk allows college students throughout the world to pursue visionary careers by arming them with the tools and skills they need to compete in the real world. To date, approximately 80 percent of universities and colleges in the United States use Autodesk technology and education solutions to provide millions of students the professional experience necessary to compete for today's jobs.

One of those schools is Oregon State University (OSU), whose College of Engineering is among the nation's largest engineering programs in terms of undergraduate enrollment. Thanks to Autodesk, students at OSU are given applicable real-world experiences and work on real engineering projects, giving them a competitive advantage in the job market and reducing our country's civil engineering labor shortage.

According to Tracy Arras, OSU Civil Engineering Instructor and Lower Division Coordinator, "Autodesk-trained graduates will be better prepared to handle real-world challenges and can hit the ground running after graduation."

Tools for Success: The Student Engineering and Design Community

Autodesk launched its Student Engineering and Design Community in September 2006 to allow students in the fields of architecture, civil engineering, mechanical engineering, industrial design, and gaming and animation free access to the professional tools they need to bring their ideas to life. To date, more than 50,000 students and educators from more than 2,500 institutions in 73 countries have made more than 50,000 downloads of Autodesk's 3D software.

Any student or educator with a valid education email address is invited to participate in the community. Although the free* software downloads are becoming increasingly popular, the site also allows students to learn, collaborate and communicate with their peers on campuses around the world through forums, chat discussions and other social networking capabilities. The popular job postings section provides students with opportunities for internships as well as full-time and part-time jobs. The Student Engineering and Design Community can be accessed at www.students.autodesk.com

Beginning in January, students have had the chance to share their designs created using Autodesk Inventor to compete for prizes from HP, ATI and 3Dconnexion. The contest will close May 1 and winners will be announced May 15. For more information about the Autodesk Inventor Student Design Contest, visit <http://www.students.autodesk.com>.

A Global Initiative

Although Autodesk is committed to ensuring the United States remains competitive in the global economy, the company feels responsible for fostering global economic development by aiding the advancement of technology education and adoption in developing economies such as India, China, Russia, Eastern Europe and Latin America. Autodesk has donated more than \$1.3 million to establishing academic "Centers of Excellence," which aim to educate both students and faculty in a wide range of disciplines, including architecture, urban planning, construction management, industrial design, manufacturing, civil engineering, animation, and special effects. Autodesk's Centers of Excellence provide leading academic institutions with state-of-the-art software and support to investigate issues key to developing economies -- such as sustainable design and innovative product development.

About Autodesk Education

Autodesk supports academic achievement and lifelong learning by providing educators and students the software they need to prepare for careers in design. Autodesk is committed to helping the next generation of engineers, designers and architects have the power to dream tomorrow's big ideas today by placing technology used by professionals in classrooms throughout the world. Autodesk helps institutions invest in the future by offering substantial discounts, innovative subscription offerings, grant programs, training, curricula and community resources. For more information about Autodesk's education programs and solutions, visit <http://www.autodesk.com/education>.

*Free products are subject to the terms and conditions of the end-user license agreement that accompanies download of the software.

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Autodesk Frames Global Vision for Design Software Industry

12 February 2007

Carl Bass, president and chief executive officer of [Autodesk, Inc.](#) outlined the company's strategic direction at its World Press Day event, and articulated his vision of a fundamental transformation in the design process to encompass performance, aesthetics and user experience.

Bass detailed the major global factors impacting design and laid out Autodesk's intention to help companies redefine design processes to spur innovation and achieve competitive advantage. With state-of-the-art 2D and 3D design technologies, Autodesk plans to empower customers in diverse industries around the world to experience, change and improve their ideas early in the design process, and save time and money, improve quality and increase innovation.

"In a world where globalization is constantly expanding the range of choices available to consumers, great design has become a way to stand out from the crowd," said Bass. "Fortunately for Autodesk, there's never been a better time to be a leader in the design software category. Autodesk is on a mission

to democratize this powerful ability to experience ideas before they're real, with 2D and 3D design tools that help customers of all sizes, shapes, locations and industries to fully leverage the power of design innovation."

Design Innovation Demands More than Aesthetics

Bass identified five major global forces that exert great pressure on companies to innovate as well as address social and environmental issues. Emerging economies; a boom in worldwide infrastructure, from highways to utility lines; the rise of the middle classes in nations such as China; the necessity for sustainable design; and the advent of technology and "digital" lifestyles have raised the stakes for success, requiring companies to innovate in order to remain competitive and profitable.

Bass observed that as a result, Autodesk customers are rethinking the design process in order to understand the information implied by the geometry of a drawing, namely, the function and user's likely experience of a design. Citing examples from leading customer work, Bass explained how early insight into user experience has helped companies gain an edge in bringing successful concepts to market.

In order to experience ideas before they are real, companies must envision not only how an idea will look, but also how it will work in the real world. Autodesk is equipping customers to do exactly that with advanced 3D design technologies for the creation of fully functional digital prototypes, which in turn allow companies to visualize, simulate and analyze the real-world performance of concepts. This integrated environment lets customers not only see but also "experience" their ideas before they actually create anything, and take proactive steps to change designs and uphold sustainable design principles.

By making changes early in the development process, companies reap the benefits of design innovation - - namely, cost-effectiveness, efficiency, faster time to market, better quality and performance -- that add up to competitive advantage in a fast-changing global economy.

HOK, Palumbo Motorcar Experience Ideas Before They Are Real

Global architecture and engineering firm HOK and Palumbo Motorcar Company of America, a bold new concept car design and manufacturing company, were among the best-in-class customers who joined Bass to explain how they are taking advantage of building digital prototypes for increased productivity and competitive advantage.

In the building sector, the architecture, engineering and construction disciplines are improving efficiency and client satisfaction by using building information modeling (BIM) to create digital prototypes of buildings. Patrick MacLeamy, CEO of HOK, discussed how HOK has adopted Revit, Autodesk's BIM platform, throughout the firm and is using Autodesk software including Revit, 3ds Max and Autodesk VIZ for building design, engineering and visualization. For HOK teams, the Revit platform enables integrated practice -- which allows architects, engineers, designers and contractors to design and estimate the cost of construction using digital prototypes and fine-tune ideas to improve the building and stay within budget, rather than having to cut costs after the fact or during construction. Revit is also a critical component to HOK's sustainable design practice and the firm's efforts to address worldwide resource

conservation. HOK, the world's largest architecture firm, is renowned for buildings including the National Air & Space Museum in Washington, D.C., the Darwin Centre at The Natural History Museum in London and Sydney's Telstra Stadium, site of the 2000 Olympics.

Jason and Joe Palumbo explained how Palumbo Motorcar is poised to take advantage of the market growth of hybrid vehicles and the high-performance sports car market, estimated to be a \$3 billion opportunity. The company is designing the ground-breaking Palumbo M-80 concept car that has a hybrid gas-electric drive train built to deliver speed and acceleration with outstanding fuel economy and minimal environmental impact. Using Autodesk Inventor software and Autodesk AliasStudio software to create digital prototypes, Palumbo Motorcar engineers have reduced the design stage of prototyping by nearly 75 percent, speeding time to production.

The ability to anticipate user experience has powerful implications for those areas of excellence that are the hallmarks of the world's top innovators. According to global strategy and technology consulting firm Booz Allen Hamilton, the most successful companies in its Global Innovation 1000 index are those that show strong capabilities across four key areas: ideation, project selection, product development and commercialization ("A Select Set of Companies Sustain Superior Financial Performance While Spending Less on R&D Than Their Competitors," November 13, 2006). With the tools for visualization, analysis and simulation, innovative companies can accelerate decisions in each of these functions to save costs and speed great ideas to market.

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Cimatron Sales Director Joins Delcam

12 February 2007

Delcam announced the appointment of Ning Jingbo as Sales Director of Delcam China. Mr. Ning, who previously held a similar position with Cimatron China, will be based in Delcam China's head office in Beijing.

After graduating from the Mechanical Engineering Department of Sichuan University in Chengdu, Mr. Ning began his career as a Technical Designer with Xi'an Heavy Electric Machine-Building Company. He later moved into a sales position, working for a number of CAD/CAM and PLM companies, before joining Cimatron China in January 2005.

"I am extremely pleased to welcome Mr. Ning to Delcam's staff in China," commented Joe Zhou, Delcam's Business Development Manager for Greater China. "His engineering background, his management experience and his extensive knowledge of the CAD/CAM market in the country will make him a valuable addition to our team."

"We achieved record monthly sales of our software in China during last December," added Mr. Zhou. "I am very confident that Mr. Ning will help us achieve even more success this year."

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Delcam Opens Two More Offices in China to Meet Growing Demand

15 February 2007

Delcam China has opened new offices in Wenzhou and Chongqing to meet the growing demand for its software in the country. The company achieved record monthly sales in December 2006 and is planning further growth during this year.

Wenzhou, which is located on the coast in Zhejiang Province, approximately half-way between Shanghai and Hong Kong, is a major centre for the country's footwear industry and, more recently, has seen considerable growth in other areas of manufacturing.

Chongqing, located on the Yangtze River, is the traditional hub for trade in western China and is now one of the fastest-growing urban centres in the world. The automotive industry is the main sector in the region, with aerospace and other heavy industries also strongly represented.

Delcam's other centres in China are the head office based in Beijing, plus regional centres in Shanghai, Shenzhen, Chengdu and Xi'an. In addition, Delcam operates joint ventures based in Taiwan and Hong Kong, and has successful resellers in Beijing, Chang Chun and Guangzhou.

"The Wenzhou office will enable us to provide better support to our customers in the region, in particular those in the footwear industry," explained Delcam's Business Development Manager for Greater China, Joe Zhou. "With the recent addition of the Crispin range of software to our existing set of programs for shoe design and manufacture, we are expecting to see considerable growth in our business from this sector."

"The region is also seeing more general growth in manufacturing, which should provide even more new business opportunities," added Mr. Zhou. "The new office will also reduce the amount of travelling that has been required of the staff in our Shanghai and Hong Kong offices, so giving them more time to support their more local customers."

"Chongqing also offers many opportunities for our software since we already support many of the leading automotive manufacturers in China. We expect to see particular growth in our business with the region's mouldmakers and other tooling manufacturers."

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Microsoft Joins SAFE-BioPharma Association for Creation and Management of Electronic Documents

14 February 2007

CIMdata PLM Industry Summary

Microsoft Corp.'s Healthcare and Life Sciences Group announced it has joined the [SAFE-BioPharma Association](#), a nonprofit association that created and manages the SAFE™ digital identity and signature standard for the pharmaceutical and healthcare industries.

As a SAFE vendor partner, Microsoft has developed a SAFE signing interface capability for use with the 2007 Microsoft® Office system, effectively providing researchers, vendors, regulators and clinicians with a security-enhanced way to verify their identities when creating, managing and sending electronic documents. The reference implementation interface is available as downloadable source code on the Microsoft Developer Network (<http://www.msdn.com/>).

"We are very pleased to have Microsoft further support our efforts to provide one single mechanism of authentication for the life sciences industry," said Gary Secrest, chairman of the SAFE-BioPharma Association. "Our alliance will have a significant impact on widespread adoption and interoperability."

With the announcement, life sciences firms will now be able to implement a SAFE-certified public key infrastructure and identity management system leveraging Microsoft software products already used in their IT environments. Because SAFE is an implementation of the X.509 standard -- and is supported in Microsoft Active Directory®, Microsoft Root CA Server and the Microsoft Certificate Lifecycle Manager -- companies will be able to issue, manage and authenticate using SAFE certificates and a Microsoft-based infrastructure.

With the implementation of the SAFE Signing Interface for the 2007 Microsoft Office system, companies will be able to use SAFE certificates to digitally sign documents from within the Microsoft Office system. In addition, with Open XML as the basis for the 2007 Office system, companies now have an opportunity to digitally sign documents that are standards-based, machine-readable, authored with familiar tools and ultimately verifiable.

"Microsoft is committed to the healthcare and life sciences industry, as evidenced by our participation in HL7, CDISC and other organizations. We are also committed to developing a security-enhanced way to verify identities within the healthcare and life sciences industry," said Les Jordan, industry technology strategist for life sciences at Microsoft. "We look forward to working as a vendor partner with SAFE, and playing a significant role in providing the healthcare and life sciences industry with a technology platform with maximum security."

About Microsoft in Healthcare and Life Sciences

Microsoft provides standards-based products and technology to help the healthcare and life sciences industries break down information barriers between the disparate IT environments across pharmaceutical, biotechnology and medical device companies, physicians and healthcare professionals, provider organizations, government and private-sector employers, health insurers, and consumers. Microsoft's vision for knowledge-driven health utilizes the company's cutting-edge technology to help these groups integrate their systems, enhance collaboration, and increase information sharing and learning - ultimately resulting in the ability to deliver high-quality products and services to patients and consumers worldwide.

More information about Microsoft in Healthcare and Life Sciences can be found at <http://www.microsoft.com/healthcare>.

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PROCAD's New Reseller in China

January 2007

PROCAD announced the assignment of [Eastern Max Technology Corporation \(EMAX\)](#) as a new reseller for its products in China. EMAX's office in Beijing will take care of PROCAD customers in China offering the [2D DESIGNER](#) and [3DSMART](#) solutions for the process plant industry, including Oil & Gas.

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Supervisory Board Extends SAP CEO Henning Kagermann's Contract to May 31, 2009

15 February 2007

SAP AG announced that its supervisory board has voted in a meeting today to extend Henning Kagermann's tenure as chief executive officer of SAP AG through May 31, 2009, the month of the company's AGM in 2009. Kagermann has agreed to the extension.

"The supervisory board again has expressed its confidence in Henning Kagermann and recognized his extraordinary achievements in leading SAP's successful strategy of organic growth during his tenure," said Hasso Plattner, chairman of the SAP Supervisory Board. "Under his guidance, SAP has significantly extended its global market leadership in the business software space while delivering breakthrough innovation in the software industry. We are committed to further pursuing this successful course."

Henning Kagermann started his career at SAP in 1982 and was appointed member of the executive board in 1991. Kagermann was co-CEO together with Hasso Plattner between 1998 and 2003, thereafter presiding over the company as chief executive officer.

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think3 Invests Heavily in China

12 February 2007

think3™ announced the opening of a subsidiary in Beijing to give direct support as it expands its presence in China.

The new office is part of the heavy investments that think3 has committed to fuel the growth in the North Asian geography. Part of this strategic plan is the promotion of the 'free2Design' program. 'free2Design' gives engineers and designers completely free access (no catch) to the think3 2D product and API's as well as allowing them to become part of a rapidly growing user community. Users can download the software for free and access the community at: <http://www.free2design.org/>. think3's 3D modeler thinkdesign and thinkiD, the solution for industrial designers that delivers best-in-class technology for both solid and surface modeling including the Global Shape Modeling are already available in the Chinese language. In line with providing local support the company website www.think3.com will also be available in the Chinese language.

"think3's integrated solutions for the Industrial Design, MCAD, Tooling and PLM markets fit perfectly into the current Chinese business infrastructure where companies are looking to adopt the best technologies and processes to challenge western manufacturers in product development", said Tom Davis, International Sales Director at think3. "With the establishment of the local Beijing office and the roll out of our Distribution model we can enable our clients to achieve their goals of developing great products that will become global successes."

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Events News

ASCON X Partnership Gets Together Over 200 Representatives of ASCON Offices and VARs

12 February 2007

X Jubilee Partnership Conference was held in Kolontaevo, Moscow region on January 30 - February, 1 2007. The Conference gathered representatives of ASCON offices and dealer centres – altogether over 200 delegates.

“For us this annual Partnership Conference opens new business year. Here we review results of our last years activities, exchange experience and fix future plans” commented Alexander Golikov, CEO of ASCON who opened this major internal corporate event.

The participants discussed rapid CAD segment growth, increasing customer's demands and requirements for IT-suppliers, and opportunities for company to meet new, ever growing customer needs.

“CAD suppliers shall increase efficiency of its business processes to satisfy time challenges – said Alexander Golikov - ASCON will supply its customers with software and services in accordance with the new world standards. We plan to strengthen our positions not only on CIS territory. In 2006 ASCON has started to expand its engineering software in Western Europe and other regions.”

Company strategy and policy, increasing of efficiency at all operations levels, regional and VAR network – all that and many other questions was also considered in reports and round tables of Partnership Conference.

Ceremonial part of the event included rewarding of leading offices and partners following the results of 2006. Best offices, VARs, experts and employees were awarded in different categories. Longstanding ASCON staff was rewarded for contribution to progress of the company.

ASCON (<http://www.ascon.ru>) is one of the leading Russian CAD/PDM developer and integrator. ASCON was founded in 1989 and has subscribed more than 3000 industrial enterprises.

ASCON on the WEB: <http://www.ascon.ru/english>.

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CoCreate Unveils 2007 Release Webinar Series

14 February 2007

CoCreate Software, Inc. announced the upcoming 2007 CoCreate Release Webinar Series.

The 2007 CoCreate Release Webinar Series, a key annual event for customers and evaluators looking to gain insight into the new release, will include both What's New sessions for a complete overview, as well as extensive Nuts & Bolts sessions that go deep under the hood.

Webinar sessions will run from March 6th to April 10th and include hands-on demos of new capabilities, technical details, key partnership examples, and in-depth product development examples.

The Webinar Series always fill up due to high demand, so users should register early in order to guarantee a firsthand look at the 2007 Release. CoCreate's newest customers, those that have downloaded the free OneSpace Modeling Personal Edition from over 100 countries worldwide, are also invited to attend and gain additional insight on a Dynamic Modeling based approach to 3D product development.

Registration details are available at: <http://www.cocreate.com/webinars>.

Individual Webinar Sessions:

What's New in the 2007 CoCreate OneSpace Suite (March 6th and 8th)

Nuts & Bolts of CoCreate OneSpace Modeling 2007

- New Rendering Functionality -- March 13th

- Design and FE Analysis for Sheet Metal Parts -- March 20th
- Improved 3D Modification Functionality -- March 27th
- New Compare and Reintegrate Part Functionality -- March 3rd
- New Cabling Module -- April 5th
- New Annotation Setup -- April 10th

Nuts & Bolts of CoCreate OneSpace Model Manager 2007

- Enhancement Overview -- March 15th
- New Task Agent -- March 22nd
- Improved BOM Editor -- March 29th

CoCreate executives also continue their podcasting tradition with today's posting of Bill Gascoigne, CEO and Uli Mahle, Vice President Worldwide Marketing and Product Development, introducing the 2007 release.

This podcast is available at: <http://www.cocreate.com/podcasts>.

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DVCon 2007

15 February 2007

The Design and Verification Conference (DVCon), sponsored by [Accellera](#), will be held next week. DVCon will not only focus on front-end design, but will include physical implementation as well. Physical verification goes hand-in-hand with DFM, which will be a topic of great interest at the conference. The conference offers a rich technical program and exhibit space is filled to capacity.

Online registration is available through Monday, February 19, 2007. Registration after Monday can be done on-site. The conference and exhibition will be held February 21 – 23 at the DoubleTree Hotel in San Jose, California. For conference and registration information, please visit <http://www.dvcon.org>.

Conference Highlights:

Keynote Address:

Moshe Gavrielov, executive vice president and general manager for the Verification Division at Cadence, will be the keynote speaker for the 2007 conference. His keynote, titled “Taking an Enterprise Wide Approach to Next-Generation System-Level Development,” will be presented Thursday, February 22 at 9:00 a.m. in the Donner Ballroom.

John Cooley’s “Troublemakers” panel:

Now an annual event, John Cooley will be asking executives edgy questions provided by his readership during his infamous panel on Thursday, February 22 beginning at 3:30 p.m. in the Oak/Fir Ballrooms. Formerly known as the “Bigwigs” panel, this year’s panel has been renamed the “Troublemakers” panel to more accurately reflect the direction the questions tend to take the panelists. Top-level executives on this year’s panel include: Rajeev Madhavan, CEO of Magma; Antun Domic, general manager of Implementation for Synopsys; Joe Sawicki, general manager of Design-to-Silicon for Mentor Graphics;

Ted Vucurevich, chief technical officer of Cadence; Vic Kulkarni, CEO of Sequence Design; Atul Sharan, CEO of Clear Shape; Brett Cline, The SystemC Poster Boy; Gary Smith, Gary Smith EDA. A cocktail reception will immediately follow the panel.

Tutorials/Panels/Technical Sessions:

“The 2007 DVCon Conference promises to be the best attended one in many years. Issues related to design and verification continue to be at the forefront of the problems that need to be solved in the EDA market. We must, as an industry, deliver breakthrough solutions that will allow EDA customers to produce new designs in a manner that optimizes their profit margins, if we are to be perceived as strategic partners in their business model. Innovation may not be enough; we need invention to put us on pace with the continuing progress in silicon fabrication technology,” commented Gabe Moretti, DVCon 2007 General Chair. “The goal of the Steering Committee of DVCon 2007 is to provide you with a forum to invent, discuss, and refine design and verification techniques that will expand the impact of EDA on the growth and evolution of the electronic industry.”

There are five sponsored tutorials, three panels, ten technical sessions and three embedded tutorials during DVCon. For more information on the program and complete schedule, please visit: <http://www.dvcon.com/techprog.html>.

Exhibit Hours

Exhibit space has been sold out. Exhibits are open Wednesday, February 21 and Thursday, February 22 from 4:00 p.m. – 7:00 p.m.. For a list of exhibitors, please visit: <http://www.dvcon.com/exlist.html>.

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ecVision CEO to Discuss PLM Optimization Solutions

15 February 2007

Thomas Ng, CEO and co-Founder of [ecVision®](#) is scheduled to present at the Retail Compliance Council Sourcing Strategy Council, at their upcoming event titled "A New Path To Synchronization."

The three-day agenda will include presentations from many leaders in the retail industry. Four separate competency tracks focus on supply chain; planning, forecasting & promotions; financial and credit; and IT/EDI subjects. Thomas Ng will present case studies from real-world customer successes that illustrate maximized visibility into the product lifecycle and supply chain using a best of breed PLM solution. Ng will also discuss the integration of scorecards into private label supply chain management to amplify top-level management decision-making processes. ecVision's dynamic solution, XpressCommerce®, improves collaboration and visibility between retailers and their trading partners.

Mr. Ng has over 24 years of experience in the software industry spanning the United States, Europe and Asia. He has held senior management positions at various multinational companies. Before joining ecVision, he was the Executive Director of Asian Sources, renamed Global Sources, and was responsible for their e-commerce software products. Prior to joining Asian Sources, Mr. Ng was the Senior Vice-President and Chief Technology Officer of Computer Associates in Asia. He has also held other senior positions at Computer Associates, including Managing Director for Hong Kong and Taiwan.

This event, to be held at the Marco Island Marriott Beach Resort from March 4-7, will be attended by top retail executives from a variety of retail organizations including JCPenney, Mervyn's, Kohl's, QVC, Circuit City, and Pacific Sunwear.

To learn more about this event, visit http://www.rccww.com/rcc_upcoming_conf.asp?frm1_event_id=38.

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EDA Consortium Sponsors "Annual CEO Forecast & Industry Vision" – February 22, 2007

13 February 2007

The Electronic Design Automation (EDA) Consortium is sponsoring its annual CEO Forecast and Industry Vision panel. During this major industry event, five CEOs will discuss trends affecting the EDA industry and offer insights on growth for the upcoming year. This distinguished panel includes the following CEOs:

Aart de Geus, chairman and CEO of Synopsys, Inc.

Michael J. Fister, president and CEO of Cadence Design Systems, Inc.

Alan Naumann, president and CEO of CoWare, Inc.

Walden C. Rhines, chairman and CEO of Mentor Graphics Corporation

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Scott Sandler, president and CEO of Novas Software, Inc.

“Each year, the EDA industry experiences notable changes in technology and business dynamics,” said executive director of the EDA Consortium, Robert Gardner. “This annual event is a must for industry leaders, analysts, VCs and key stakeholders. In one short evening, you can network with key players in our industry during the reception and then gain insights about industry trends from an illustrious panel of CEOs.”

“The EDA industry in 2006 did substantially better than it had in the first half of the decade. We will explore the reasons for that performance, and how or why it might be expected to continue,” commented Jay Vleeschhouwer, Managing Director, Merrill Lynch.

This CEO panel will address the following topics:

- Impact of semiconductor trends on the future of EDA, such as addressing manufacturing at 65 nanometers and below.
- Changing EDA industry dynamics beyond what was considered “core” just a few years ago.
- Emerging semiconductor intellectual property (IP), Design for Manufacturing (DFM), low power design methodologies, and electronic system level (ESL) market segments in EDA – the opportunities and challenges.
- Trends in mergers, acquisitions and going public.

The event details are as follows:

When: February 22, 2007

Where: Techmart, Silicon Valley Room

5201 Great America Parkway

Santa Clara, CA, 95054

Agenda: Reception 6 PM

Panel 7 PM

Q&A (30 Min.) 8 PM

Cost: No charge for EDA Consortium members, OCP-IP members and the press.

Admission is \$50 for non-members, payable at the door or online.

This event typically sells out. Please reserve your seat by registering online at:
http://www.edac.org/invites/ceo_forecast_2007.htm.

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Open Text Announces Roadmap for Hummingbird Customers at Summit 2007

12 February 2007

Open Text™ Corporation outlined new details on the future direction and roadmap for customers who have invested in Livelink ECM - eDOCS, formerly Hummingbird Enterprise. In the product roadmap, which is being made available to eDOCS customers and partners today, Open Text unveiled details of its next generation enterprise content management offering, codenamed "DM X," for eDOCS customers.

"The roadmap is the result of numerous consultations with customers, partners and analysts and was guided by customers' priorities such as deployment timelines for Windows Vista and the 2007 Microsoft Office system," said Kirk Roberts, Open Text's Executive Vice President of Products, Solutions and Marketing. "DM X will deliver comprehensive new capabilities that will enable organizations to continue to maximize their investments in the Livelink ECM - eDOCS product line."

Roberts presented the roadmap today at the opening keynote of Summit 2007, the company's worldwide user conference for Hummingbird customers and partners.

DM X represents the true convergence of Open Text and Hummingbird technologies and know-how. With DM X, customers will be able to take advantage of the broader product set Open Text has to offer while continuing to maximize the value they have invested in their eDOCS deployment.

With the announcement of DM X, Open Text is unveiling plans for a new Rich Client interface which will be the future user interface for all Livelink ECM users. The Rich Client will be built leveraging newly developed Hummingbird technology and will feature fully customizable dynamic business views available through Microsoft Explorer, Microsoft Outlook 2007 and the 2007 Microsoft Office system authoring applications. Information workers will be able to make better, faster decisions based on a holistic, centralized view of business content across all applications.

DM X will feature industry leading archive, records management, metadata management and search capabilities all exposed as Enterprise Library Services, providing organizations with the ability to effectively implement enterprise-wide archive and records retention strategies. Open Text announced Enterprise Library Services as part of the new features that will be available in Livelink ECM 10, the latest version of its ECM suite which was introduced in November, 2006 at Open Text's LiveLinkUp user conference (<http://www.opentext.com/news/pr.html?id=1799>). With Enterprise Library Services,

customers will have the flexibility to build and deploy solutions on any Basic Content Services offering such as Microsoft Office SharePoint Server 2007, while managing the enterprise-wide retention of the mission-critical business content.

DM X will offer a repository agnostic approach, allowing Livelink ECM - eDOCS customers to continue to manage content on their current eDOCS DM repository as well as content stored in other repositories such as Microsoft Office SharePoint Server 2007 and Livelink ECM. Regardless of the repositories in use, DM X will provide customers with the ability to take advantage of a new Rich Client interface and Enterprise Library Services.

Upgrading to DM X

DM X is designed to provide flexibility during the upgrade process, ensuring minimal disruption to information workers. Fully supporting a phased upgrade approach, DM X will allow users to access their content leveraging both the new and legacy client interface. In addition, Open Text will be introducing a "Fast Track Program," to facilitate direct upgrades to DM X from their current version of eDOCS DM, eliminating the need to upgrade to the latest version of eDOCS DM.

Availability

Open Text will be showcasing DM X at the [LiveLinkUp Global Conference](#) to be held in Orlando, Florida, October 23 - 25, 2007. First customer ship for DM X is expected to be early 2008. For more information visit, <http://opentext.com/online/dmx-community-intro.html>.

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PTC World 2006 Draws More Than 4,000 Attendees in Asia and Europe

14 February 2007

PTC announced the success of its PTC World 2006 conference series in Asia and Europe. PTC World 2006 attracted more than 4,000 attendees from all over the globe, representing all levels of the enterprise. The conferences educated new prospects as well as current customers about PTC's corporate strategy, product roadmap and long-term vision, product development best practices and value added partner solutions.

Participants welcomed the PTC World 2006 conferences as an opportunity to learn more about PTC's latest solutions for optimizing the product development process and improving electronic content management. Attendees also gained insight into techniques for streamlining the development cycle, stimulating new product innovation and improving competitive advantage. Attendees from China, Korea, Taiwan, Germany, France, Italy and the United Kingdom took advantage of this networking and training opportunity at their respective events.

“PTC World Conferences are great opportunities for customers, partners and prospects to see how PTC solutions help organizations meet their strategic goals,” said Rob Gremley, division vice-president, Marketing, PTC. “Some of the world’s most successful organizations spoke of their relationship with PTC, further securing PTC’s place as a leading provider of product development solutions.”

Each event featured keynotes from PTC executives as well as customer testimonials. Customers and PTC executives shared their perspectives on the increasingly competitive product development industry. Trends such as reduced product development timeframes, globalization, compliance and business complexity were key topics for every customer regardless of organization size or industry focus. Many customers attended to learn more about PTC’s expansion of its product portfolio with recent acquisitions. With new products like Mathcad® and Arbortext® IsoDraw®, PTC offers an industry-unique PLM solution set that is able to address a broader range of product development challenges. Customers attended special sessions to learn how these new product offerings could help them create competitive advantage in their markets.

Prospects and current customers also had an opportunity to meet with members of the PTC Channel Advantage and Partner Advantage programs to learn about the additional value these companies offer when their products are combined with PTC solutions.

[PTC](#) hosts annual conferences throughout the year and all over the globe to present the power of PTC’s product portfolio and educate organizations on the benefits of a complete product development system. PTC will start its 2007 World event series in India on February 21, 2007.

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Real Intent Extends the Reach of Formal Verification, Showcases Formal Software for Timing Exception Verification and Assertion-Based Verification at DVCon

13 February 2007

Who:

Real Intent is showcasing its verification software at the Design and Verification Conference & Exhibition (DVCon).

What:

Real Intent is demonstrating its EnVision™ family of software for formal verification. The demonstrations highlight timing exception verification with PureTime™, Assertion-Based Verification (ABV) with Conquest™ and Ascent™ and clock domain crossing checking with Clock Intent Verification™.

In addition, Real Intent is demonstrating how its software integrates with Novas' automatic debug system, Verdi™, to offer electronic designers better verification technology by combining property management and debugging capabilities with static formal analysis.

When:

Wednesday, February 21, 4:00 pm - 7:00 pm

Thursday, February 22, 4:00 pm - 7:00 pm

Where:

Doubletree Hotel

2050 Gateway Pl.

San Jose, CA 95110

Booth # 806

Information, Appointments and Registration Contacts:

For more information about Real Intent, please visit <http://www.realintent.com>.

To set an appointment with Real Intent, please contact:

rich@realintent.com.

For more information about DVCon, please visit <http://www.dvcon.org>.

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SAPPHIRE '07 Atlanta - Save the Dates: April 22nd - April 25th

16 February 2007

SAP will host its annual customer event, SAPPHIRE '07, in Atlanta, Georgia from April 22nd - 25th at the Georgia World Congress Center. The official invitation with logistics and agenda details will follow in two to three weeks.

SAPPHIRE '07 is an opportunity to talk with SAP customers, hear the latest news and product enhancements, and tap into SAP's growing ecosystem of partners. You'll gain insight into SAP's industry solutions, adaptive business networks and enterprise service-oriented architecture approach that's delivering measurable business value to customers in every sector worldwide. You'll have the opportunity to speak directly with SAP's senior-level executives at keynotes, demonstrations, education sessions and one-on-one meetings.

Following on the success of last year's event, SAP will co-host SAPPHIRE with the 2007 ASUG Annual Conference, giving you the opportunity to connect directly with the ASUG network.

For more information about the event at this time, please visit the official SAPPHIRE '07 Web site at <http://www.sap.com/usa/sapphire>.

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Financial News

Ansoft Corporation Third Quarter Earnings Increase 48%

13 February 2007

Ansoft Corporation announced financial results for its third quarter of fiscal 2007 ended January 31, 2007. All references to share and per share information, except shares authorized, included in this press

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release have been adjusted to reflect the two-for-one stock split effected in the form of a stock dividend that was declared on March 7, 2006 and distributed on May 9, 2006.

Revenue for the third quarter totaled \$22.7 million, an increase of 16% compared to \$19.7 million reported in the previous fiscal year's third quarter.

On a generally accepted accounting principles (GAAP) basis, net income for the third quarter was \$6.3 million, or \$0.24 per diluted share representing a 48% increase when compared to GAAP net income of \$4.3 million, or \$0.16 per diluted share in the previous fiscal year's third quarter. GAAP net income for the current fiscal year's third quarter included a tax benefit of \$1.1 million, or \$0.04 per diluted share for the US Research and Development Tax Credit enacted by Congress retroactive to January 1, 2006 in December 2006.

GAAP net income for the third quarter includes employee stock-based compensation expense of \$0.6 million, or \$0.02 per diluted share. The previous fiscal year's third quarter net income did not include employee stock-based compensation expense.

Additionally, GAAP net income for the third quarter includes acquisition related amortization of \$0.3 million, or \$0.01 per diluted share. This compares to acquisition related amortization of \$0.4 million, or \$0.01 per diluted share in the previous fiscal year's third quarter.

“We had an excellent quarter with particularly strong revenue growth in our high-performance product line and in both domestic and international markets,” said Nicholas Csendes, Ansoft's President and CEO. “For the fourth quarter, we expect continued revenue growth of around 10-15%.”

Engineers use Ansoft software to design state-of-the-art electronic products, such as cellular phones, internet access devices, broadband networking components and systems, integrated circuits (ICs), printed circuit boards (PCBs), automotive electronic systems and power electronics. Ansoft markets its products worldwide through its own direct sales force and has comprehensive customer-support and training offices throughout North America, Asia and Europe.

For further information regarding risks and uncertainties associated with Ansoft's business, please refer to the “Management's Discussion and Analysis of Financial Condition and Results of Operations” section of Ansoft's SEC filings, including, but not limited to, its annual report on Form 10-K and quarterly reports on Form 10-Q, copies of which may be obtained at Ansoft's website at <http://www.ansoft.com/about/investor/index.cfm>.

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Aspen Technology Files Extension for Second Quarter Form 10-Q

12 February 2007

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[Aspen Technology, Inc.](#) announced that it has filed a Form 12b-25 with the Securities and Exchange Commission (“SEC”) relative to its Form 10-Q for the quarter ended December 31, 2006.

As disclosed on February 6, 2007, the Company is in the process of restating its previously issued financial statements for fiscal years 2004 through 2006 and the first quarter of fiscal 2007. The restatements relate primarily to non-cash adjustments in the Company’s previously reported non-operating income, and to related non-cash adjustments that impact the translation of foreign currency on amortization expense for subsidiaries operating outside the U.S. As also disclosed on February 6, 2007, the Company expects that the restated financial statements will also reflect the correction of other errors identified in the current period close. After completing each of these adjustments, the Company currently expects pre-tax income to increase by approximately \$3 million, decrease by approximately \$4 million, decrease by approximately \$6 million and increase by approximately \$0.5 million, in the fiscal years 2004, 2005, 2006 and the first quarter of fiscal 2007, respectively. In addition, the Company expects the opening balance of retained deficit and other comprehensive loss as of July 1, 2003 to decrease by \$1.5 million and \$1.0 million, respectively.

On a preliminary estimated basis, the Company expects to report revenue of \$96.4 million and operating income of \$26.0 million for the quarter ended December 31, 2006 upon the completion of the review currently underway. Because the review and restatement of prior periods is currently ongoing, the Company expects that it will be unable to finalize its financial statements for the quarter ended December 31, 2006 by February 14, 2007, the extended filing deadline available under Form 12b-25. The Company is working diligently to complete its review and will file its Form 10-Q for the quarter ended December 31, 2006, together with amendments to its Form 10-K for the fiscal year ended June 30, 2006 and its Form 10-Q for the quarter ended September 30, 2006, as soon as practical.

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Avatech Solutions 2Q FY07 Earnings Conference Call Rescheduled for Thursday, February 15, 2007

14 February 2007

Avatech Solutions, Inc. announced that, due to the ice storm on the East Coast, it has rescheduled its second quarter 2007 earnings call for Thursday, February 15 at 11:00 am ET.

The dial-in number for the conference call remains (866) 634-2258. A replay of the call will now be available through Thursday, February 22, 2007, and can be accessed by dialing (706) 645-9291, conference ID #8634785.

The conference call was previously scheduled for Wednesday, February 14 at 11:00. The Company released its second quarter fiscal 2007 results as scheduled on Wednesday, February 14, 2007.

An audio replay of the conference call will be available in the Investor Relations section of the Company’s Web site, <http://www.avatech.com>.

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Avatech Solutions Announces 31% Revenue Increase and Profitable Second Quarter

14 February 2007

Avatech Solutions, Inc. announced financial results for its second fiscal quarter ended December 31, 2006.

Total revenues grew 31.3% over the same quarter in the prior fiscal year and totaled \$12,412,000 compared to \$9,451,000 in the prior period. For the three months ended December 30, 2006, Avatech reported net income of \$507,000, or \$0.02 per fully diluted share, compared to net income of \$805,000, or \$0.05 per fully diluted share, in the same period of the prior year.

For the six months ended December 31, 2006, the Company reported revenues of \$24,457,000, a 30.9% increase over the six months ended December 31, 2005, with all categories of revenues posting significant increases. Avatech's net income for the six months ended December 31, 2006 was \$543,000, or \$0.02 per fully diluted share, compared to \$1,010,000, or \$0.06 per fully diluted share, for the same period in the prior fiscal year.

Chief Executive Officer Scotty Walsh commented, "Avatech's revenues grew in all three of our revenue categories during the past quarter, and we were pleased to post another profitable quarter. For the period, our commission revenue increased 51% on a year-over-year basis, rising to almost 23% of total revenue for the quarter. This revenue category also grew 29% on a sequential basis and directly increased our gross margin and net income for the period since this category is shown net of costs of revenue. While a portion of the increase in commission revenue was attributable to our May 2006 acquisition of Sterling Systems & Consulting, Inc., more than two-thirds was attributable to organic growth in this important revenue category.

"At the same time, the Company's productivity in the second quarter of fiscal 2007 continued to be impacted by new staff brought on in the fourth quarter of fiscal 2006 and the first quarter of fiscal 2007. In total, we hired 50 new sales professionals and technical engineers during these periods to support our goal of creating four industry-focused business units with in-depth knowledge of their markets and customers. We expect our revenues to accelerate as the new sales and technical staff reaches full productivity. In fact, we are achieving higher revenues and profits in our third fiscal third quarter as a result of their efforts.

"Although our third quarter is tracking well and we see continued strong demand in Avatech's markets, we are revising our revenue target for fiscal 2007 because of the time that was needed to ramp up our new sales staff. We now expect to generate revenue in the range of \$51 – 55 million, excluding any additional acquisitions. We expect improved bottom-line performance in the second half of the year as our recently hired sales representatives reach full productivity and as we intensify our focus on increasing service-oriented and commission business. Our previous pay-off of virtually all of Avatech's long-term debt, with the associated reduction in interest expense, should also benefit our bottom line results."

Visit <http://www.avatech.com> for more information.

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CENIT Increases Sales and Earnings in 2006

13 February 2007

According to provisional uncertified figures CENIT increased sales by 11% up to 82.2 million €(2005: 74.3 million €). Gross profit improved by 13% up to 59.1 million €(2005: 52.1 million €). EBITDA is 11.2 million €(2005: 10.2 million €10%). Earnings before interest and taxes (EBIT) climbed from 9.4 million €in 2005 by 9% to e.g. 10.3 million €in the reporting period. EBT is 10,0 million €(2005: 9.0 million €11%). The earnings per share (EPS) is 1,0 €(2005: 0,81 €) and has a positive stake in.

The sales of CENIT software increased by 47% up to 11.2 million € So that meanwhile 14% of the total turnover is achieved with CENIT-own software. Previous year the sales were 7.7 million €which was about 10% of the total turnover. The external software sales also rose by 13% up to 9.4 million €(2005: 8.3 million €). The revenue in the service sector climbed once again by 9% up to now 46.6 million € (2005: 42.8 million €). Hardware sales declined by 3% to 15 million €(2005: 15.5 million €).

CENIT's goal to increase the number of staff by 10% in 2006 was reached as well. So that the number of staff rose from 523 up to now 576 across the group.

The Executive Board and the Supervisory Board will propose the distribution of a dividend of 50 cents (2005: 45 Cent) per share at this year's Shareholders' Meeting.

Outlook

[CENIT](#) has set the aim to increase the share of own software in the total turnover on 20 to 30 percent in the next 2-3 years. The rising significance of CENIT-own software will be pushed with a consistent global market orientation and the development of our sales activities for CENIT software together with SAP and Dassault Systèmes, first of all in the USA. Especially the world-wide sales cooperation for the FileNet System Monitoring solution will affect our business positively. The Executive Board assumes that in 2007 and 2008 all business segments will contribute significantly to ameliorate the Group's operative performance. In 2007 and 2008 we expect a group turnover in line with the market growth. CENIT intends to increase the number of staff again by 10% in 2007. If the positive trend of market should endure in 2008 a further engagement of personnel is intended.

Certified results and figures of the financial year 2006 will be announced on occasion of our press conference on financial statements at March 27, 2007.

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DS Achieves its 2006 Objectives and Reaches 25% PLM Market Share Milestone

14 February 2007

Dassault Systèmes (DS) reported financial results for the fourth quarter and year ended December 31, 2006.

Summary Financial Highlights

- Financial results well in line with objectives for the fourth quarter and full year
- Acquisitions achieved key financial targets
- 2006 GAAP revenue of €1.16 billion and GAAP EPS of €1.51
- 2006 total non-GAAP revenue of €1.18 billion or 27% growth in constant currencies and non-GAAP EPS growth of 15% to €1.83
- Non-GAAP revenue growth of 12% in constant currencies before including ABAQUS and MatrixOne

Bernard Charlès, Dassault Systèmes President and Chief Executive Officer, commented, “2006 was a remarkable year for DS. We delivered strong financial results growing revenue by 27% in constant currencies and earnings per share by 15%. We successfully integrated two major acquisitions within a twelve-month period. And we redesigned our 25-year strategic partnership with IBM to jointly expand the enterprise PLM offering sold by IBM and to transition to a DS-managed PLM indirect channel. Thanks to everyone’s focus across DS on innovation and execution to serve our customers, DS reached an important leadership milestone, with a total PLM market share estimated at 25%.

“Our market leadership reflects the confidence that our customers and partners have placed in us and our passion to invent new approaches to help them take advantage of the 3D virtual world as a vehicle for advancing innovation, global collaboration and productivity.

“During 2006 we completed our first ten years as a public company. Over this timeframe, DS has established a strong performance track record, delivering compound annual growth of 18% for revenues and 15% for earnings and maintaining a very attractive financial model. 2006 also serves as a very solid foundation for the coming years. With leading brands in growing markets, I believe we are well-positioned to attain our 2005-2010 goals of doubling both revenue and earnings.”

Fourth Quarter and Full Year 2006 Financial Summary

Dassault Systèmes completed the acquisition of ABAQUS, Inc. in October, 2005 and MatrixOne Inc. in May, 2006 and has accounted for these acquisitions pursuant to U.S. GAAP (“GAAP”). In addition to

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GAAP information, this press release presents supplemental non-GAAP financial information which reflects certain adjustments to our GAAP information. The supplemental non-GAAP financial information adjusts our GAAP financial information to exclude: (i) deferred revenue adjustments, (ii) amortization of acquired intangibles, (iii) stock-based compensation expense and (iv) one-time tax restructuring effects. See Attachment A

[http://www.3ds.com/fileadmin/newsevents/finance/06Q4_pr_VA.pdf] for an explanation of these adjustments, and tables which set forth the most comparable GAAP financial measures and a reconciliation of the GAAP and non-GAAP financial data.

Fourth Quarter 2006 Financial Highlights:

See http://www.3ds.com/fileadmin/newsevents/finance/06Q4_pr_VA.pdf for fourth quarter 2006 financial highlights table.

GAAP total revenue increased 15% to €349.4 million (20% in constant currencies) for the 2006 fourth quarter on a 14% increase in software revenue and a 21% increase in services and other revenue.

Non-GAAP total revenue increased 13% to €353.2 million (18% in constant currencies) with non-GAAP software revenue increasing 11% (17% in constant currencies) and non-GAAP services and other revenue rising 21% (27% in constant currencies). CATIA and SolidWorks new seats licensed in the quarter increased 4% to 23,280 seats.

From a regional perspective, all regions contributed to the increase in non-GAAP revenue, led by the Americas with 28% growth (39% in constant currencies) and Asia with 7% growth (19% in constant currencies). Europe increased 7% year-over-year, following a very strong performance in the year-ago quarter.

From a segment perspective, both Product Lifecycle Management (“PLM”) and SolidWorks achieved strong growth. Specifically, non-GAAP PLM revenue increased 12% to €293.9 million (18% in constant currencies), and included non-GAAP ENOVIA revenue of €71.1 million. Non-GAAP SolidWorks revenue increased 14% to €59.3 million (20% in constant currencies).

GAAP earnings per diluted share increased 14% to €0.66 in the 2006 fourth quarter, on higher GAAP operating income and financial revenue and a lower effective tax rate.

Non-GAAP earnings per diluted share increased 7% to €0.72 in the 2006 fourth quarter, primarily reflecting higher operating income and financial revenue and a lower effective tax rate.

Full Year 2006 Financial Highlights:

See http://www.3ds.com/fileadmin/newsevents/finance/06Q4_pr_VA.pdf for full year 2006 financial highlights table.

GAAP total revenue increased 24% to €1.16 billion (26% in constant currencies) on a 23% increase in GAAP software revenue and a 29% increase in GAAP services and other revenue.

CIMdata PLM Industry Summary

Non-GAAP total revenue increased 25% to €1.18 billion (27% in constant currencies) reflecting a 24% increase in non-GAAP software revenue (26% in constant currencies) and a 29% increase in non-GAAP services and other revenue (31% in constant currencies). CATIA and SolidWorks new seats licensed increased 9% to 78,684.

From a regional perspective, 2006 non-GAAP revenue increased 24% in Europe, 28% in the Americas (29% in constant currencies) and 22% in Asia (29% in constant currencies). As a percentage of total non-GAAP revenue, Europe accounted for 47%, the Americas 31% and Asia 22%.

Bernard Charlès commented, “DS 2006 financial performance was driven by broad-based strength.

CATIA had a very good year, growing almost twice the estimated 6% growth of the CAD market, with strategic wins and increased penetration of the supply chain and target industries. As the number one PLM CAD software, we continue to see good opportunities to extend our leadership. Looking ahead, CATIA should be a key beneficiary of our new go-to-market model for the PLM indirect channel.

SIMULIA grew twice as fast as the overall simulation market on expanding relationships with its largest customers as well as a broad level of interest across a diversified set of industries. We expect our simulation performance in 2006 to have led to market share gains for DS in this segment of the PLM market.

SolidWorks delivered a significant increase in revenues. Working closely with its dynamic network of resellers, SolidWorks has consistently outpaced market growth and won nearly two-thirds of its new business from conversion of legacy 2D seats.

DELMIA attained important wins during 2006. We believe that the adoption of our digital manufacturing solutions by our largest customers underlines the potential of our solutions to enable global and flexible production systems.

ENOVIA finished 2006 with the most comprehensive collaborative offering in the PLM market, following the acquisition of MatrixOne in May 2006. We have significantly increased our ability to serve our eleven targeted industries.”

From a segment perspective, non-GAAP PLM revenue grew 26% to €59.4 million (28% in constant currencies) on broad strength. Non-GAAP PLM revenue included non-GAAP ENOVIA revenue, which increased 64% (66% in constant currencies) to €199.7 million. SolidWorks non-GAAP revenue grew 20% to €18.1 million (22% in constant currencies) and represented 19% of non-GAAP total revenue.

GAAP earnings per diluted share increased 1% to €1.51. GAAP operating income decreased 2% to €245.9 million. These results largely reflected the impact of amortization of acquired intangibles in connection with 2005 and 2006 acquisitions.

Non-GAAP earnings per diluted share increased 15% to €1.83, on strong growth in non-GAAP operating income. Specifically, non-GAAP operating income increased €46.3 million or 17% to €16.2 million in 2006. The non-GAAP operating margin was 26.9% for the full year 2006, in line with the Company's financial objective.

Cash flow and other financial highlights

Net operating cash flow was €8.3 million and €62.9 million for the fourth quarter and year ended December 31, 2006, respectively. Cash and short-term investments totaled €459.2 million and long-term debt was €204.3 million at December 31, 2006.

Business Outlook

Thibault de Tersant, Senior Executive Vice President and CFO, stated, "By achieving all of our objectives for 2006, attaining our revenue and earnings growth objectives and meeting our profitability goals, we have demonstrated our ability to select the right acquisitions and to integrate them while achieving double-digit core revenue growth.

"Looking to 2007, our objectives are to deliver a good level of non-GAAP revenue and earnings growth accompanied by a stable operating margin in comparison to 2006. Specifically, we are raising our 2007 non-GAAP constant currency revenue growth objective to 12% to 13% from the range of 11% to 12% given in October 2006. We are initiating our 2007 non-GAAP earnings per share growth objective of 9% to 12% growth, with acceleration in earnings growth as we move through the year. And we expect a stable non-GAAP operating margin of about 27% thanks to profitability improvements enabling us to make PLM channel investments as well as compensating for unfavorable changes in currency exchange rates."

The Company's objectives are prepared and communicated only on a non-GAAP basis and are subject to the cautionary statement set forth below.

First quarter non-GAAP total revenue objective of about €82 to €87 million, non-GAAP EPS of about €0.31 to €0.32 and non-GAAP operating margin of about 18% to 19%

2007 non-GAAP total revenue objective of about €1.29 to €1.30 billion, representing about 12-13% growth in constant currencies

2007 non-GAAP EPS of about €2.00 to €2.05, representing about 9% to 12% growth

2007 non-GAAP operating margin of about 27%

Objectives based upon exchange rate assumptions for the first quarter and full year of US\$1.30 per €1.00 and JPY 155 per €1.00

The non-GAAP objectives set forth above do not take into account the following accounting elements: deferred revenue write-downs estimated at approximately €8 million for 2007; stock-based compensation expense estimated at approximately €13 million for 2007, and amortization expense for acquired intangibles estimated at approximately €1 million per quarter. These estimates do not include any new stock option or share grants, or any new acquisitions in 2007.

Strategy, Technology, Customers and Partnerships

Dassault Systèmes and IBM Expand Strategic Partnership, with IBM to Sell Additional DS Solutions. DS and IBM recently announced a significant expansion of their 25-year partnership. Under the terms of the new agreement, both IBM and DS will increase the scope of their responsibilities, with IBM selling DS's expanded portfolio of PLM solutions, and DS assuming management of the PLM indirect sales channel through a transition expected to be completed in early 2008.

Boeing Simulates and “Manufactures” 787 Dreamliner at Industry-First Event with 3D PLM from Dassault Systèmes. On December 7, 2006 Boeing completed a virtual roll-out of its 787 Dreamliner. This first-ever virtual rollout was not simply an animation of the completed airplane, but a virtual simulation and validation of the entire manufacturing process. Dassault Systèmes' PLM solutions used by Boeing on the 787 Dreamliner include DELMIA for virtual planning and production, CATIA for virtual product design, and ENOVIA VPLM for enterprise-wide collaboration.

OMRON Corp., a Leading Manufacturer of Control Equipment for Factory Automation, Integrates DELMIA Automation into its New Generation of Control and Network Solutions. DELMIA Automation V5 enables the optimization and validation of a given manufacturing process in a 3D virtual environment from control design processes to the shop floor environment. By performing pre-validation in 3D, “virtual commissioning”, DELMIA Automation V5 allows control departments to work in parallel and share information with mechanical and electrical departments earlier in the development process, optimizing engineering processes.

Conference call information

Dassault Systèmes will host a teleconference call Wednesday, February 14, 2007 at 3:00 PM CET/2:00 PM London/9:00 AM New York. The conference call will be available via the Internet by accessing <http://www.3ds.com/corporate/investors/>. The webcast teleconference will be archived for 30 days. Financial information to be discussed in the call will be available on the Company's website prior to commencement of the teleconference at <http://www.3ds.com/corporate/investors/>. Additional investor information can be accessed at <http://www.3ds.com/corporate/investors/> or by calling Dassault Systèmes' Investor Relations at 33.1.40.99.69.24.

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Endeca Reports Fifth Consecutive Year of 100 Percent or Greater Annual Revenue Growth

13 February 2007

Endeca Technologies, Inc. announced 100 percent year-over-year revenue growth in 2006. The company reached record revenue and profitability levels as it signed over 100 new customers and expanded the use of its technology platform within its installed base. To meet market demand, Endeca added more than 100 new employees, opened a new corporate headquarters, established new operations in the United States, Canada, Europe, and Australia, and built out its channel business with key new reseller and systems integrator partnerships.

"Over the past year we have seen a dramatic - and favorable - shift in the market," said Steve Papa, CEO of Endeca. "Information access has become recognized as the solution that can overcome failed attempts to address information discovery using enterprise search or with the misapplication of business intelligence and database platforms."

2006 Highlights:

Signed more than 100 new customers: included market leaders like ACP Media Limited (autotrader.co.nz), Affinia, Amphenol Corporation, Emap, International Paper, Kohl's, , L-3 Communications, Lonely Planet, PerkinElmer, Trader Media Group (autotrader.co.uk), , William Reed, and Yellow Pages Singapore.

Introduced the first Information Access Platform: The first enterprise-class platform to unite the simplicity of search engines with the analytical power of business intelligence tools; The Endeca Information Access Platform quickly becomes the foundation for new classes of applications designed to accelerate and improve enterprise-wide decision making through the exploration, discovery and analysis of information.

Expanded the use of the Endeca IAP within the installed base: Dozens of existing businesses and government customers like CDW, Circuit City, the (US) Defense Intelligence Agency, The (US) Department of Justice, Nike, IBM, Tech Data and expanded their use of the Endeca Information Access Platform (IAP) throughout their respective enterprises, creating a wide variety of additional, high-value information access applications.

The patents cover the company's hierarchical data-driven navigation system and method for information retrieval, widely known in the information access market as the Guided Navigation® experience (see: http://endeca.com/_assets/pdf/demo.html), as well as key extensions of this approach.

Appointed Michael Porter and Edwin Gillis as independent members of the company's Board of Directors: Appointments provide foundation for governance excellence; Porter to lead newly established strategy committee; Gillis to lead newly established audit committee (read more)

Signed and Expanded Key Partnerships with [Business Objects](#), IBM, [i2](#) , [Omniure](#), [Silver Creek Systems](#)

Unveiled New SEO Capabilities and Best Practices for Guided Navigation-based Websites ([read more](#))

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LECTRA: FY 2006: Robust Growth in Earnings and Free Cash Flow

9 February 2007

- Revenues: EUR 216.1 million (+3%) (1)
- Income from operations(2): EUR 14.1 million (90%) (1)
- Free cash flow (2): EUR 15.4 million (+86%)

(1) like-for-like - (2) before non-recurring items

(in millions of euros)	October 1 -December 31	October 1 -December 31
	2006	2005
Revenues	57.8	57.3
Change (like-for-like) (1)	+5%	
Income from operations before non-recurring items (2)	4.3	4.3
Change (like-for-like) (1)	+25%	
Income from operations	4.3	(15.0)
Net income	3.7	(15.1)
Free cash flow before non-recurring items (3)	1.6	5.6
Stockholders' equity at December 31, 2006		
Net cash at December 31, 2006		

CIMdata PLM Industry Summary

(in millions of euros)	January 1 - December	January 1 - December
	31	31
	2006	2005
Revenues	216.1	211.2
Change (like-for-like)	+3%	
(1)		
Income from operations	14.3	8.1
before non-recurring		
items (2)		
Change (like-for-like)	+90%	
(1)		
Income from operations	14.1	(11.1)
Net income	12.1	(12.3)
Free cash flow before	15.4	8.3
non-recurring items (3)		
Stockholders' equity at	72.2	67.0
December 31, 2006		
Net cash at December 31,	8.7	10.2
2006		

(1) Like-for-like: 2006 figures restated at 2005 exchange rates (which are not indicated in this table)

(2) Non-recurring items: net charge of EUR 0.2 million in Q3 2006; net charge of EUR 19.2 million in Q4 2005

(3) Non-recurring items: net payments of EUR 1.2 million for Q4 2006 and EUR 9.7 million for FY 2006; net payments of EUR 0.7 million for FY 2005

The Board of Directors of Lectra, chaired by André Harari, today reviewed the audited consolidated financial statements for 2006.

(Detailed comparisons between 2006 and 2005 are like-for-like)

Q4 2006: Growth in Revenues and Earnings

Business activity for Q4 2006 reflected a slight fall-off in total orders for new software licenses and CAD/CAM equipment, down 2% relative to Q4 2005.

Total revenues amounted to EUR 57.8 million, up 5%.

CIMdata PLM Industry Summary

Income from operations amounted to EUR 4.3 million, unchanged at actual exchange rates. This represents a rise of EUR 1 million (+25%) like-for-like, compared to Q4 2005 income from operations before non-recurring items. The operating margin increased by 1.4 percentage points to 7.4%.

FY 2006: Robust Growth in Earnings and Free Cash Flow

Revenues for full-year 2006 totaled EUR 216.1 million, up EUR 6.5 million (+3%) relative to 2005.

Trends were mixed in Lectra's main geographic markets. In Europe, orders for new software licenses and CAD/CAM equipment fell by 9%; Italy alone recording outstanding growth of 20%. Orders increased slightly in North America (+1%). There was sustained growth in the Asia-Pacific region, with a rise of 14%. Especially noteworthy was the 46% jump in orders in China relative to 2005, when business was severely affected by the abolition of textile quotas.

The expected rebound in sales of new systems did not materialize in 2006. New software license revenues (EUR 33.7 million) increased by 9% overall compared to 2005. CAD/CAM equipment revenues were unchanged at EUR 71.8 million.

Revenues from new systems sales in the fashion market declined by 4% overall; automotive, aeronautical and marine market revenues rose by 15%; and furniture market revenues fell by 14%. These markets represented 58%, 34% and 8% of total revenues, respectively.

Overall, revenues from new systems sales (EUR 116.2 million) increased by 1% relative to 2005. Recurring revenues (EUR 99.9 million) increased by EUR 5.4 million overall (+6%), and accounted for 46% of total revenues.

Income from operations before non-recurring items amounted to EUR 14.3 million, up EUR 7.3 million (+90%). In reported figures the increase was EUR 1.3 million greater than the growth (EUR 4.9 million) in revenue. The operating margin (6.6%) increased by 3.3 percentage points. This performance confirms the improvement in Lectra's key operating ratios.

Net income was EUR 12.1 million.

The company generated EUR 15.4 million in free cash flow before non-recurring items—nearly twice the figure for 2005 (EUR 8.3 million). This resulted from EUR 24.9 million in net cash provided by operating activities, and EUR 9.5 million in capital expenditure.

Dividend Increased by 15%

Confirming its confidence in the future, and in light of earnings growth for the past year, the Board of Directors has decided to propose the distribution of a dividend of EUR 0.15 per share in respect of 2006 at the forthcoming Shareholders' Meeting on April 30, 2007. Subject to Shareholders' approval, the dividend will be made payable on May 10, 2007.

Lectra World 2007 - Lectra Unveiled its Latest Technologies

To unveil its technological innovations to the world, Lectra organized a series of events on the occasion of Lectra World 2007. Lectra World 2007 began by gathering together more than 1,000 Lectra employees from all over the world in Bordeaux, from January 31 through February 2, 2007.

On February 5 and 6, 400 customers, prominent figures from the fashion universe, institutions, and journalists from the world over attended a congress in Bordeaux dedicated to the fashion industry. Lectra unveiled its latest technological innovations (see press releases of January 18, 26 and 29, and February 2, 2007). In particular it presented its new generation of Vector cutting systems—representing an R&D outlay of more than EUR 12 million and mobilizing more than 80 engineers over 3 years. Lectra also presented its new service contracts based notably on the capability of the new Vector to perform auto-diagnostics and to automatically communicate with Lectra's Call Centers. Finally, numerous new software applications were unveiled, especially in 3D virtual prototyping, automated grading of patterns, collaborative design, and PLM.

Lectra confirms its mid-term financial goals

Last year, the company stated that, based on prospects at the time, it expected to achieve by 2008—or 2009 at the latest—revenues of EUR 300 million, with a 15% operating margin, and continue to generate free cash flow in excess of net income. These targets assumed an average parity of \$1.25 / EUR 1 over the period.

While the expected rebound in sales of new systems did not materialize in 2006, making it unlikely that Lectra will achieve its targets in 2008, the company remains confident of achieving them in 2009, assuming the same euro-dollar parity.

The company continued to invest in essential areas in 2006 in order to achieve its growth potential in the context of the new challenges it faces. Lectra has accelerated its transformation through numerous recruitments and training programs; sustained its intensive R&D drive (nearly EUR 80 million over the past five years) and IT systems overhaul; and reinforced its customer-dedicated infrastructures.

The company therefore now expects its five key growth drivers to start delivering their benefits in full, namely: PLM for the fashion industry; major automotive customers; the United States and China; and, finally, the evolution, renewal and development of Lectra's installed base of 17,000 customers, and the extension of related services.

Lectra enters 2007 in a position of strength

[Lectra](#) enters 2007 in a position of strength. It has bolstered its teams significantly; they are motivated and ready for action. It has an entirely new, highly competitive product offering. Its financial fundamentals have improved in recent years and these are now extremely robust. Finally, it continues to step up its investment in R&D, with an ambitious plan, guaranteeing its technological leadership.

CIMdata PLM Industry Summary

Assumptions for 2007 are based on a parity of \$1.33/EUR 1, which will negatively impact revenues (by approx. 2%) and earnings (by approx. EUR 2.7 million) by comparison with the average parity for 2006 (\$1.26/EUR 1). At the date of publication, the company has not hedged its net dollar exposure for 2007.

First-half sales activity, however, is likely to suffer from the product launches, which could temporarily depress orders, revenues, earnings and free cash flow—particularly in the first quarter.

In light of the positive impacts these launches are expected to produce in the full-year, revenues are expected to come to between EUR 220 and EUR 235 million (respectively +4% and +11% relative to 2006, like-for-like).

Due to the combination of improved operating ratios and a rise of approx. 10% in fixed costs relative to 2006, income from operations excluding non-recurring items is expected to come to between EUR 11.5 and EUR 16.5 million, a growth of between 0 and 43%, like-for-like, relative to 2006.

The Management Discussion and Analysis of Financial Condition and Results of Operations for the fourth quarter and full-year 2006 are available at <http://www.lectra.com/>. Q1 2007 results will be published on April 27, 2007, after the close of Euronext Paris.

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UGS to Host Full Year 2006 and Fourth Quarter Earnings Webcast/Teleconference on Thursday, February 22, 2007

16 February 2007

UGS Corp. announced it will host a webcast/teleconference on its full year and fourth quarter 2006 earnings with securities analysts live on the Internet and on a conference call line at 11:30 a.m. U.S. Central time, Thursday, Feb. 22, 2007. See below for access information.

Participants may listen to the call via web-streamed audio, which requires Windows Media® Player or RealPlayer®, or listen and view the event using phone and net conferencing.

TO LISTEN VIA STREAMING WEB AUDIO:

URL: <https://e-meetings.mci.com>

Conference Number: 3865372

Passcode: UGS

Note: Pop-up blockers must be disabled.

To join:

- Go to the URL listed above
- Select Join an Event from the Events tab
- Enter all requested registration information and follow instructions to proceed

TO LISTEN VIA PHONE:

Domestic and International: +1-517-268-4880

Passcode: UGS

TO VIEW THE ACCOMPANYING VISUAL PRESENTATION VIA NET CONFERENCE:

<https://e-meetings.mci.com/nc/join.php?i=PA3865372&p=UGS&t=c>

Note: Participants who want to view the net conference are advised to visit

<http://www.mymeetings.com/updates/net-systemcheck.php?ver=2003> any time prior to the event to ensure their systems are configured properly.

NET REPLAY:

URL: <https://e-meetings.mci.com/nc/join.php?i=PA3865372&p=UGS&t=r>

Note: The replay will be available approximately 30 minutes after the call concludes and the link will be live until March 24, 2007.

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Valor Shows Record Revenues: Breaks the \$10 Million Mark in Q4/2006

12 February 2007

Valor Computerized Systems [Prime Standard: VCR], the leader in productivity-enhancing solutions for the Electronics Industry, announces today its financial results for the year ending December 31, 2006.

Total revenues in 2006 accumulated to \$36.7 Million, similar to the results in 2005, which accumulated to \$36.3 Million. Revenues in Q4-06 were \$10 Million, an increase of 6% as compared to \$9.5 Million in Q4-05.

The net profit in 2006 was \$3.4 Million – an increase of 145% compared to \$1.4 Million in 2005. The net profit in Q4-2006 accumulated to \$911 thousand, compared to \$253 thousand in Q4-2005.

EBIT in 2006 was \$2.9 Million - an increase of 145% compared to \$1.2 Million in 2005. In the fourth quarter of 2006, EBIT was \$788 thousand, compared to \$274 thousand in the parallel period of 2005. Earnings per Share (diluted) in 2006 were \$0.16, compared to \$0.07 in 2005.

Continuing the company policy of dividend distribution, the Board of Directors decided to recommend to the shareholders meeting the distribution of a dividend at the gross sum \$0.15 per share (but not more than the aggregated amount of \$3.1 Million). The dividend shall be subject to withholding and company taxes. The recommendation will be brought to the upcoming general shareholders meeting of the Company on March 22nd, 2007. The Ex-Date for dividend distribution will be the date on which the resolution of distribution shall be adopted by the shareholders meeting.

Some of the following statements are forward-looking in nature, and actual results may differ materially:

“Valor has seen record revenues in the fourth quarter of 2006,” Valor President and CEO, Ofer Shofman, announced in summarizing the year. “Deals postponed in previous quarters have begun to materialize and the company expects to meet the challenges of the current upward market trends.”

After intensified development activity, Valor will shortly be announcing a break-through new technology for the electronics manufacturing market. Shofman estimates that the product will generate significant long-term revenues. This product joins Valor’s suite of best-in-class design-to assembly technology and consultation solutions.

Commenting on increased revenue and three consecutive quarters of growth, Shofman cited the company’s recently implemented organizational changes as one factor. “Our products are now divided into P&L based business units, and each business unit is now responsible for generating profits on its own.”

With new products, broader technology scope and expanding global outreach, Valor is strongly positioned for a successful year in 2007. Assuming market conditions remain the same, the company anticipates continued growth.

The complete financial report can be downloaded from the Investor Relations Section on the Valor corporate website: <http://www.valor.com>.

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Implementation Investments

AeroSpec, Inc. Uses Synergis Adept Data Management to Fast Track Production of Industrial Equipment

14 February 2007

Synergis Software announced that [AeroSpec Incorporated](#), specialists in the design and manufacturing of lean automated and semi-automated production equipment, uses Synergis Adept® as its enterprise Product Data Management (PDM) solution to automate its design processes and get their equipment to market rapidly.

"In other environments you have many weeks to do a drawing. In many cases, we have hours. At that kind of rate, you need an automated data management system," stated Steve Marinella, president of AeroSpec, Inc. "We are in the business of getting products to market quickly. Let's say you invented the world's greatest pacemaker. You know you have competitors out there, and you want to get it to the hospitals first to get the doctors to endorse it. You have to prove you have capacity; prove you can build those and supply the doctors faster than anybody else. That's where we come in. We build the equipment to build the pacemaker."

The company has always adopted innovative tools and techniques that allow them to stay competitive. Of the 42 employees, 10 are engineers and their primary 3D design tool is SolidWorks. They have 15 seats of Adept to manage tens of thousands of drawings for customers in medical devices, aerospace, consumer products, and the government.

"From the time the product is designed it's a race to see how fast we can produce the equipment to make it and get full capacity -- with the assurance that we are going to be able to reach mass production rapidly. So we have to build equipment very quickly. If there is any last minute change, it has to be done extremely quickly. Therein lies the demand on our part for a data management system."

A Long Term Commitment to Data Management AeroSpec needed a data management solution to replace their outdated system, which did not support SolidWorks. They also knew that data management was a mission critical application and required prompt and expert support from a vendor.

"We felt that [Synergis](#) Software was committed to making our lives easy," said Marinella. "Initially, another vendor had our business but they blew it. We figured we were going to live with a system for 15 years and we had to have a vendor we felt we could live with. And Synergis Software was it."

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Catalog Data Solutions Adopted by International Gas Spring

13 February 2007

Catalog Data Solutions ([CDS](#)) announced that International Gas Spring has adopted its CAD model download solution.

Chicago based [International Gas Spring Inc.](#) is a member of the IGS Group, founded in 1982 to manufacture high quality gas springs solutions.

Responding to customer requests for CAD models of its products, International Gas Spring decided to offer 3D CAD models for download from its web site. "We wanted to meet customer requests for a CAD download service to save them time and ease product selection," said Brant Pelton, GM, International Gas Spring. "With the addition of 2D/3D CAD drawings to our website, we are meeting that need for all the commonly used CAD programs and we anticipate an increase in customer satisfaction and sales as a result."

"We are delighted to have been selected by International Gas Spring for our leading online CAD model download solution, lead tracking system and affordable CAD services", said John Major, CEO Catalog Data Solutions, "online 3D models are an important sales and marketing tool for all industrial suppliers and distributors. With many customers moving from 2D to 3D CAD systems providing online 3D CAD model downloads often 'locks' products into a design so suppliers later benefit from the sales success of that design. Suppliers without 3D models on their website are at risk of losing customers to their competition who do offer 3D models".

Studies show that over 90% of designers and engineers now use the Internet to locate components for their new designs. Catalog Data Solutions helps industrial suppliers and distributors grow sales and strengthen customer loyalty through interactive online catalogs, ecommerce, 3D CAD model delivery and product configurator solutions.

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IronCAD Doubles Productivity for Fixture Designer, Darko Inc.

14 February 2007

IronCAD announced retail fixture designer [Darko, Inc](#) has integrated IronCAD into its development cycle. From conceptual development, to design, to communication with manufacturing, Darko's use of IronCAD has doubled their productivity.

"Our customers need cutting edge creative combined with accurate display solutions extremely quick. IronCAD provides me all the tools needed to easily get a job from conception through final production without sacrificing creative," says Jeff Myler of Darko, Inc.

Specific functionality, like dual kernels or IronCAD's sheet metal module, reduces an engineer's design time significantly. Because IronCAD makes use of both ACIS and Parasolid modeling kernels, Darko designers can communicate easily with customers, manufacturers and even designers not using IronCAD. "IronCAD's support of common file formats is amazing. I can share models with just about anyone", says Jeff Myler of Darko, Inc. "Whether sharing files with another software platform, metal fabricators or molders, IronCAD provides the files needed to communicate with them," he continued

Sheet metal is also simplified. Most retail fixtures are composed entirely of sheet metal pieces. Manipulating sheet metal geometry efficiently helps Darko maintain a production advantage over competitors. "Sheet metal pieces fold and unfold with single click. And I can suppress or re-order parts at will without worrying that software won't let me do what I want. IronCAD lets me design freely while retaining CAD precision," says Myler.

For more information visit: <http://www.ironcad.com/product/inaction/consumer/darko/darko.html>.

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ITT Flygt Delivers Localized Technical Documentation Faster Using PTC® Dynamic Publishing Solution; Arbortext® Software Enables Information Reuse to Drive Optimized Publishing Process

13 February 2007

PTC announced that [ITT Flygt](#), a leading manufacturer of submersible pumps, mixers and accessories, is using PTC Arbortext Dynamic Publishing Software to optimize its content creation and dynamic

publishing processes and will allow ITT Flygt to create, manage and deliver accurate, timely, and localized documentation used in the service and maintenance of its products.

Founded in 1901, ITT Flygt is a global player in the fluid handling market with production sites and employees located in 130 countries. During this time the company has continued to develop innovative technologies that improve wear resistance and sustain performance over the lifecycle of its products, which in some instances can be more than 40 years. As part of its product service commitment, ITT Flygt faced the challenge of on-going maintenance requests and the growing requirement to quickly create and deliver high quality technical documentation through its products' lifecycles. This is the result of the increased usability demands on documentation from customers who require highly accurate content and specific language and document format preferences.

ITT Flygt chose PTC's Dynamic Publishing Solution because it would enable them to optimize its complex publishing process by creating information that can be reused, repurposed and automatically published in multiple languages and formats. With Arbortext software ITT Flygt can now take a component-based approach to authoring technical publications, enabling them to provide continuously updated technical documentation throughout the product lifecycle as well as quickly localize its technical documentation in order to deliver new products to market faster.

"The timely delivery of localized documentation is critical for the market success of our new products," said Agneta Weisberg, manager of technical documentation, ITT Flygt. "Because regulations in Europe and elsewhere have become very strict, ITT is oftentimes required to produce appropriate documentation in local language in order to introduce new product to key markets. We are using PTC's Dynamic Publishing Solution because of its scalability and flexibility to address this challenge. We are a global company and it is important to us that our solutions support a global strategy."

"Our publishing solutions provide powerful capabilities that enable organizations like ITT Flygt to deliver increasingly greater amounts of technical documentation over long product lifecycles to a wide variety of audiences," said Josh Fredberg, vice president of product and market strategy, PTC. "The [PTC Dynamic Publishing Solution](#) allows companies to standardize how product documentation is created, managed and delivered in order to efficiently and cost-effectively optimize the technical publications processes."

PTC's Product Development System (PDS) helps companies optimize a wide variety of product development processes including technical publications. For technical publications, the PDS combines text authoring, technical illustrations, content management and configuration management, dynamic publishing and graphics visualization. Additionally, the PDS enables an organization to automatically publish information in multiple formats, languages, and media. PTC's integral system lowers deployment risks and support costs by providing interoperability and integration of all components.

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LMS Test.Lab Enables S.A.B.C.A. to Cut Time in Half for Qualification Tests of Complex Thrust Vector Control Sub-Systems (TVC)

15 February 2007

LMS announced that S.A.B.C.A. implemented LMS Test.Lab in developing components and assemblies for a wide range of aircraft and space projects, including those for the ESA's new launcher VEGA. Based in Brussels, Belgium, S.A.B.C.A. has been active for decades designing, testing and manufacturing parts and systems for major aircraft and spacecraft, including the Ariane 5 and several Airbus aircraft.

S.A.B.C.A. is utilizing the LMS Test.Lab Environmental software to perform "shake and bake" qualification testing with sine profiles, shock and random inputs in a vibration range of 1 to 22 Gs, from 5 to 2000Hz. These tests have to ensure that prototype assemblies can operate properly under the severe vibration environment of rocket lift off and in-flight conditions. Data acquisition is handled by LMS SCADAS III front-end units, each with a capacity of 24 input channels. The system is highly scalable, enabling S.A.B.C.A. to readily add channels and interconnect multiple LMS SCADAS units to further increase the channel count of their system.

According to S.A.B.C.A. engineering, channel count is critical for acquiring the large amount of measurement data generated through the testing campaigns. S.A.B.C.A. requires a particularly high level of accuracy in qualifying their new mechatronics systems containing complex electronic control systems and intricate parts made of lightweight materials. Some of the latest innovations under development at the S.A.B.C.A. Mechatronics department are the thrust vector control systems (TVC) constituted of electromechanical actuators, integrated power drive control electronics, sets of lithium ion batteries and cable harnesses. These TVCs will be used on the new European VEGA launcher instead of the more expensive and heavier hydraulic system used for previous TVCs.

These actuators control the positioning of the launcher nozzles and are therefore critical to the trajectory of the vehicle and success of the space mission. The new TVC designs use lightweight materials and contain state-of-the-art control electronics, including a proprietary HBRISC2 processor designed and ESA qualified by S.A.B.C.A. for demanding aerospace applications. Because this new TVC design relies heavily on electronic circuitry, tests entail a much more refined vibration control for three axes simultaneously, requiring considerably more channels than was previously available on the former system.

LMS Test.Lab Environmental was selected for the high channel count, the scalability of the system and the ability of refined vibration control needed for this advanced testing. Controlling vibrations at 22Gs of complex 100kg mechanisms with moving elements is not feasible with any kind of controller. In addition these vibrations use complex multi-channel control accelerometers combined with several types of estimators. The LMS system enables to monitor results on-line in real time so S.A.B.C.A. engineers can confirm the validity of data as tests are being run and also remotely shut down the system in case of emergency without destroying the test specimen.

Another major selection factor was the data management and reporting capabilities of the system in accommodating the large amounts of test results generated. The Active Pictures feature in LMS Test.Lab is especially helpful in allowing S.A.B.C.A. engineers to view and manipulate live test data in an office environment.

Having these powerful capabilities in a single integrated solution allows S.A.B.C.A. engineers to set up tests, take accurate measurements, interpret data and report results much more quickly than was possible

with their previous system. The productivity gain is significant, with the time from start to finish typically condensed by half with LMS Test.Lab.

S.A.B.C.A. confirmed that the LMS technical support team was particularly responsive in providing guidance and information for achieving this level of improved efficiency. LMS support personnel are valued as high-caliber professionals with the know-how needed to get answers to the questions very quickly. According to S.A.B.C.A., LMS has gone far beyond selling a test system throughout the implementation. LMS has been an active partner in applying advanced technology to its full potential in strengthening the leadership position of S.A.B.C.A. in the highly competitive aerospace market.

For more information on LMS Test.Lab, please visit <http://www.lmsintl.com/testlab>.

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Municipality of Nynäshamn Joins Bentley's Municipal License Subscription Program

12 February 2007

[Bentley Systems, Incorporated](#) announced that the municipality of Nynäshamn, a community of 25,000 near Stockholm, has joined Bentley's Municipal License Subscription (MLS) program.

Commenting on the municipality's MLS, Tom Lillhannus, mapping and surveying engineer for Nynäshamn, said, "In the next few years, we will handle more than 60 projects, including major ones crucial to the growth of Nynäshamn's infrastructure. Successful completion of this ambitious workload will require the broad range of advanced software solutions readily available through Bentley's MLS. Moreover, our new MLS will provide us with a greatly needed standardized platform that allows us to easily share project information – internally and externally – in a variety of formats."

Bentley's MLS offers municipalities all the software they need to design and manage all their infrastructure for a fixed annual fee based on population. The breakthrough program enables them to improve productivity and reduce administrative costs by outfitting their entire mapping and engineering organizations with fully integrated software for GIS and engineering workflows. This leads to improved services and more efficient government.

[Nynäshamn](#) has under way or in the planning stages several major infrastructure projects that will serve its citizens as well as its expanding business sector. The projects include a four-lane highway, a double-track commuter line that will also accommodate additional rail freight transportation, and a new deep-sea port. Nynäshamn's new MLS program will help facilitate each of these projects, along with a growing list of others, and enable the municipality to streamline its GIS and engineering workflows.

Nynäshamn will take advantage of the program's cost-efficiencies to expand its use of MicroStation. In addition, it will begin to deploy other applications in Bentley's comprehensive portfolio of software across its entire organization.

Said Lillhannus, "We've also joined Bentley's Enterprise Training Subscription program, which entitles the entire staff to unlimited professional training by Bentley Institute. So, not only do we get the software

we need to complete our infrastructure projects, we also get the training we need to use our new software as effectively as possible.”

Bentley’s MLS program provides municipalities with unlimited access to a comprehensive portfolio of integrated GIS and engineering software for all of their infrastructure, including:

- Public works – roads, bridges, water, sewer, and storm
- Land development
- E-government
- Light rail design
- Community broadband
- Water and wastewater treatment plant design
- Electric and gas distribution networks
- Urban planning
- Cadastre management
- Public safety
- Municipal building design
- Mapping and 3D modeling

Because program fees are fixed, Bentley’s MLS guarantees predictable software costs and budgeting. In addition, it removes the administrative burden of complex software licenses, shortens procurement cycles, speeds project starts, and ultimately leads to more efficient government.

For more information about Bentley’s MLS program initiative and software or to contact a Bentley representative, visit <http://www.bentley.com/MLS>.

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Synopsys Design Compiler Topographical Technology Expedites ASIC Design at STMicroelectronics

12 February 2007

[Synopsys, Inc.](#) announced that that STMicroelectronics, a leading supplier of semiconductors, has deployed Synopsys Design Compiler® topographical technology in its 90-nanometer (nm) and 65-nm application-specific integrated circuit (ASIC) design flow to expedite design time. STMicroelectronics is adopting Design Compiler topographical technology in its ASIC methodology to eliminate design iterations and streamline the overall design cycle for its internal design groups and for external customers.

In an ASIC model, reducing netlist iterations between the customer and ASIC vendor to achieve design closure is critical to completing a design on schedule. Design Compiler topographical technology accurately predicts final design timing, power, testability and area results prior to actual physical implementation, giving front-end designers early visibility into layout results. In this way, both the customer and ASIC vendor can be assured that the netlist generated after synthesis will, in fact, achieve the desired performance.

"Topographical technology offers much-needed predictability for a convergent RTL-to-GDSII path. Front-end designers no longer have to wait for layout results to uncover critical design issues; they can identify and fix them up front. In turn, back-end teams receive a better netlist for physical implementation which is more likely to meet the desired performance," said Philippe Magarshack, group vice president, Central CAD and Design Solutions, Front-End Technology Manufacturing, at STMicroelectronics. "We are extremely pleased with the results we have seen with topographical technology on advanced ASIC designs and have incorporated it in both our 90-nm and 65-nm ASIC design flows. We encourage our internal and external ASIC customers to use it for all their synthesis needs to expedite the design process."

Design Compiler topographical technology is an innovative, tapeout-proven synthesis technology that significantly reduces design time. It utilizes the Galaxy™ Design Platform physical implementation technologies to derive accurate interconnect delay data that allows the Design Compiler solution to predict post-layout design results such as timing, testability, and area during synthesis. In addition, topographical technology utilizes clock tree synthesis technology to estimate post-layout power results of the design, resulting in a highly predictable RTL-to-GDSII path.

"More and more market leaders like STMicroelectronics are recognizing the value of Synopsys topographical technology to help streamline their design flows and reduce design cycle time," said Antun Domic, senior vice president and general manager, Synopsys Implementation Group. "We look forward to extending our collaboration with STMicroelectronics to support their ASIC customers through the broad deployment of topographical technology."

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Product News

Agilent Technologies Introduces Automotive Test Solutions that Simplify Product Debugging, Validation

13 February 2007

Agilent Technologies Inc. introduced multiple product options that help automotive engineers develop their electronic products faster and under budget, while meeting quality requirements. These automotive test products can be integrated in complex, automated functional test configurations, which can be leveraged from design validation into production.

Agilent is demonstrating the following new products at Embedded World:

The FlexRay option for the Agilent 6000 series mixed signal oscilloscopes, which offers a set of FlexRay frame, slot and error triggering, including the ability to trigger on specific FlexRay communications qualified on base-cycle and cycle-repetition. Designers can see a synchronous and time-correlated display of segment and slot-timing boundaries by importing a FIBEX file that defines the global FlexRay schedule directly into the 6000 Series mixed signal oscilloscope. More information is available at http://www.agilent.com/find/flexray_PR.

The FlexRay extension to the Agilent 16800 and 16900 Series logic analyzer, which provides FlexRay packet decoding capabilities and is essential when debugging and validating activity between multiple buses in an automotive system. Analysis includes timing between signals, inverse assembly and packet display for key buses, as well as time-correlation of protocol packets to CPU and memory bus activity.

Information about the FlexRay standard and the FlexRay Consortium, of which Agilent is a member, can be found at <http://www.flexray.com>.

“New Advanced Driver Assistance Systems will further connect subsystems within the car, and from cars to cars and cars to the infrastructure,” said Roland Jeutter, automotive business manager at Agilent Technologies Germany. “Our new automotive products help to master new technologies and the increasing complexity of these advanced Electronic Control Units.”

To ensure that the advanced electrical/electronic system of a vehicle stays within the limits for the electromagnetic emissions, Agilent adds support for the widely adopted measurement methods defined in the CISPR 25 standard. As unveiled at IEEE EMC 2006, Agilent’s fully CISPR 16-compliant solution will be released later this year. In addition to making CISPR 25 measurements, the Agilent solution, which is based on the Performance Spectrum Analyzer (PSA), will allow testing throughput not seen in previous-generation EMI receivers, at a competitive price.

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Altera and TES Partner on FPGA-Based PCI Graphics Controller IP; High-Quality Graphics Core for Automotive and Industrial Display Designs

14 February 2007

[Altera Corporation](#) and [TES Electronic Solutions](#) announced the immediate availability of an FPGA-based high-quality PCI graphics intellectual property (IP) core for automotive and industrial display applications. The TES Display Controller/Accelerated Vector Engine (D/AVE) PCI IP core allows systems designers to quickly integrate specific graphics functions such as high-quality thin film transistor (TFT) pixel rendering into all of Altera's low-cost Cyclone© and high-end Stratix® series FPGAs.

D/AVE generates high-quality vector graphics with sub-pixel processing and extended anti-aliasing functionality. The IP core connects via the ubiquitous PCI interface and provides an innovative rendering engine as the main component for flexible system integration at the hardware level. Applications include navigation, dashboard and on-system displays (OSDs) in the automotive, aviation and industrial sectors.

“Our D/AVE graphics core with PCI easily integrates into the architecture of Altera's FPGAs, providing rapid development cycles that offer reprogrammable parameters for a wide range of high-quality automotive and industrial applications,” said Nick Walker, senior vice president, sales and marketing at TES. “Using this PCI interface in these types of applications dramatically shortens device qualification times and reduces availability issues that are prevalent in these markets.”

Altera® programmable technology is designed into advanced automotive and industrial applications, including driver assistance, infotainment and gateways. In response to the exponential growth in the complexity of these systems, Altera and TES offer this scalable graphics core with a PCI interface IP delivering a flexible, low-risk design path for reducing complexity and optimizing cost-efficiencies.

“Previously designers were forced to use microcontrollers with integrated graphics and dedicated graphics controllers for specific applications. This necessitated separate system designs and development delays were incurred using semi- or full-custom silicon,” said Michael Samuelian, director of Altera's industrial business unit. “Unlike fixed logic implementations, the Altera/TES solution enables designers to dramatically reduce their overall development time, while improving system performance and lowering cost.”

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Altera Automotive Graphics Platform Enables “Design Once, Make Many” Applications; New Building Blocks Support Rapid Development of In-Car Multimedia Systems

14 February 2007

[Altera Corporation](#) introduced the Altera® Automotive Graphics System (AAGS), a scalable solution that enables design engineers to quickly and efficiently design multiple automotive infotainment products based on a single electronic design. Implemented in Altera's low-cost Cyclone® series or high-performance Stratix® series FPGAs, the AAGS enables designers to overcome the lengthy and costly design cycles of fixed-function graphic controllers.

The AAGS design platform integrates Altera's Nios® II embedded processor with third-party intellectual property (IP) and design tools from automotive graphics partners including:

- TES Electronic Solutions OpenGL ES-compliant graphics library and embedded 2D/3D Graphic Multiplatform Library (eGML), for the real-time generation of display graphics
- Imagem's spline-based library for handling bitmaps, frame buffer accesses, drawing of graphic primitives and object handling and movement
- SEGGER's Microcontroller Systeme GmbH support for emWin
- Altia's GUI building tool for quick automotive human machine interface (HMI) development

In addition to the Nios II processor, the AAGS incorporates a LCD timing controller, a basic multi-layer multi-display controller, a sophisticated spline manipulation engine and a vector graphics acceleration engine. For more information, visit www.altera.com/end-markets/auto/graphics-processing/aut-graphics-processing.html.

“An FPGA-based solution gives automotive designers a highly efficient means for modifying their designs so they can create product differentiation and quickly meet changing market requirements without costly system redesign,” said Todd Scott, senior director of Altera's consumer, automotive, broadcast business unit. “To beat the overall cost of standard cell solutions, AAGS customers can go directly to production with the low-cost Cyclone series FPGA, or for more complex designs that require implementation in a high-performance Stratix series FPGA, migrate to a HardCopy® structured ASIC to drive down costs.”

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Apriso Joins SAP's Industry Value Network for Forest and Paper Companies

13 February 2007

Apriso Corporation confirmed its selection as a member of SAP AG's industry value network (IVN) for forest and paper companies within the mill products industry. This designation is based upon SAP customer feedback and nominations and recognizes the value Apriso brings to forest and paper companies, extending Apriso's relationship with SAP.

SAP's industry value networks are ecosystems that bring together partners such as Apriso, independent software vendors and systems integrators with SAP and executives from leading SAP customer companies. The members of each IVN, including the recently launched IVN for forest and paper companies, work together to solve customers' most pressing business challenges through the creation and continual improvement of end-to-end business processes. As a result of the collaboration, companies will extend and enrich their investments in solutions from SAP and IVN members, helping optimize asset utilization and lower IT investment risk.

Apriso was selected for participation within SAP's IVN for forest and paper companies based on its ability to provide a lean Manufacturing Execution System (MES). Apriso's offerings are part of its overall FlexNet® platform, a highly scalable, global operations execution system that may be deployed for specific operations tasks (ex: warehouse operations) or for multiple operations, such as production and maintenance.

“Apriso is pleased to have been selected for participation within this newly created IVN”, says Marcus Collins, Mill Products industry director for Apriso. “We believe the Apriso solution is unique in the industry, providing a scalable system for extending the value of SAP solutions. Apriso provides a means for mills to effectively manage operations execution, yet still leverage the centralized management of an enterprise-class ERP system, like those provided by SAP.”

Enhancing Customers’ ERP Investment in SAP Solutions

Apriso has already provided hundreds of operations execution solutions for manufacturers, so their inclusion within this newly created IVN for forest and paper companies is a logical choice. Apriso, an SAP Software Partner and “Powered by SAP NetWeaver®” partner, offers customers over 110 pre-configured integration points with SAP solutions.

The real benefactors of this recently announced relationship are the forest and paper customers who will have access to highly flexible applications with built-in business processes to address their unique manufacturing challenges. Forest and paper organizations can now empower plant operators, operations managers and executive management to make better informed and timely decisions. This will empower them to take faster corrective action to improve efficiency, lower costs and enhance profitability in a number of functional areas, including:

- Better supplier visibility
- Maximize delivery performance
- Better accuracy on the mill floor
- Improve maintenance planning
- Enhance ROI on ERP investment

To learn more about Apriso and SAP’s IVN for forest and paper companies, please go to <http://www.apriso.com/en-us/Industries/millproducts.htm>, or contact Apriso’s industry director for Mill Products, Marcus Collins, at +1 (425) 256 – 2886, or at mcollins@apriso.com.

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Autodesk Enhances Geospatial Solutions to Offer Powerful Engineering GIS

12 February 2007

At its World Press Day event, Autodesk, Inc. showcased enhancements to its AutoCAD Map 3D 2008 and AutoCAD Raster Design 2008 geospatial software products, which further improve the integration of geospatial data by planning, engineering and operations personnel in utilities and municipal

governments. With easy access to combined GIS and CAD information, organizations are streamlining operations across business and engineering teams, and ultimately redefining conventional mapping, design and asset management. These two applications, combined with Autodesk MapGuide Enterprise Web-based GIS software and Autodesk Topobase infrastructure design and management systems, offer customers and developers alike a powerful, cost-effective GIS solution.

"Whether they are repairing a water pipeline or planning a subdivision, engineers, field personnel and asset managers need up-to-the-minute location and design information," said Lisa Campbell, vice president, Autodesk Geospatial Solutions. "This essential requirement is key to improving organizational productivity in multiple industry sectors, which is why Autodesk continues to enhance our portfolio of core technologies to meet this challenge."

CAD and GIS Integration Transforms Workflow

Autodesk Geospatial Solutions make it possible for key departments to integrate, access and share combined CAD and GIS information, so that project workflow and decision making are no longer hindered by inaccessible or incompatible data. Autodesk's geospatial solutions, including AutoCAD Map 3D, Autodesk MapGuide Enterprise, Autodesk Topobase and AutoCAD Raster Design, are integrated to overcome these traditional information silos by using a single, open source data access technology. Together with a spatially enabled database management system, these software applications provide a foundation for centralized access and integration of data across design, geospatial and enterprise systems, as well as disseminating spatial information to customers, internal teams, the public and other enterprise applications over the Web.

The key to Autodesk Geospatial Solutions' performance is Autodesk Feature Data Object (FDO) data access technology for making disparate data types work together. Last year, Autodesk released both its FDO technology and its Autodesk MapGuide platform for spatial applications to the open source community, creating MapGuide Open Source software. These projects, now hosted by the Open Source Geospatial Foundation (OSGeo) allow developers all over the world to contribute to this geospatial technology.

Autodesk Geospatial Solution Suite

AutoCAD Map 3D 2008

A leading engineering GIS platform for creating and managing spatial data, AutoCAD Map 3D 2008 includes new FDO features to improve users' ability to access and share data more effectively, regardless of its location or file type.

Key enhancements in the latest release include:

- Faster access to data using FDO data access technology -- up to 90 percent faster.

- Capacity for more powerful analysis and visualization of GIS and CAD data.
- Tools for easier import, export and publication of data.
- Enhanced interoperability with other AutoCAD-based applications for publication of fully stylized maps.

AutoCAD Raster Design 2008

Built on the AutoCAD platform and easily added to AutoCAD-based products, Raster Design 2008 helps improve the overall productivity of design teams by helping to streamline access to scanned paper drawings, maps, aerial photos, digital elevation models, satellite imagery and similar digital design data. Using Raster Design software's advanced vectorization, raster editing and analysis tools, designers can make the most of their image archives, improve decision making, and enhance project presentations.

AutoCAD Raster Design 2008 provides several new features and improvements, including:

- More options for inclusion of imagery in multiple formats, and support for multi-frame images.
- Tools for faster conversion and verification, editing and image clean-up.
- Tools for preparation of raster data for AutoCAD-based applications, and image capture for better interoperability with AutoCAD Map 3D 2008 software.

Autodesk MapGuide

The commercial Autodesk MapGuide technology family, including Autodesk MapGuide Enterprise and Autodesk MapGuide Studio, bypasses the barriers of system and data incompatibility with a flexible Web-mapping platform for publishing and distributing spatial information quickly, easily and cost-effectively via the Internet. Autodesk MapGuide products make it easy to build and implement custom applications to take advantage of spatial data.

Autodesk Topobase

Autodesk Topobase software addresses a key challenge facing business and engineering executives today-disconnected islands of information. Because spatial information is usually managed by many departments and processes, and data often does not move smoothly through processes, between departments or between software systems, executives are hard-pressed to get contextual information for effective decisions. To help organizations improve efficiency and make choices based on comprehensive insight, Topobase builds on AutoCAD Map 3D, Autodesk MapGuide Enterprise and Oracle Spatial technology to integrate CAD, asset, GIS and customer information into a centralized relational database

that provides a complete view of infrastructure asset. Topobase also features pre-configured vertical modules for organizations that manage specific types of infrastructure, such as water and wastewater.

Availability

Product availability will vary by country. AutoCAD Map 3D and Raster Design are integrated with Autodesk MapGuide Enterprise in a connected platform available at costs far below competing offerings. Details on purchasing options will be available in the spring at:

<http://www.autodesk.com/purchaseoptions>.

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Autodesk Enhances Industry-Leading AutoCAD Software

12 February 2007

At its World Press Day event today, Autodesk, Inc. introduced AutoCAD 2008 software. The application's innovations continue to respond to customer needs and requests, driving Autodesk product development and alignment of the company's core applications to help customers redefine the design process, save costs and support continuous quality improvement.

"The market success of AutoCAD is a direct result of our effort to respond to customer needs and raise the standard for innovation to take our customers one step further," said Amar Hanspal, vice president, Autodesk Platform and Geospatial Solutions. "Since creating the design software market with the debut of AutoCAD software, Autodesk has remained focused on making the design process smoother and smarter. That's why we continue to integrate our core drafting, visualization and collaboration technologies in order to accelerate the evolution of design -- and ultimately, help our customers become more innovative, productive and competitive."

Updates, Introductions Reflect Evolving Design Landscape

Together, improvements in AutoCAD and Autodesk Design Review software and the debut of the Autodesk Impression application deliver new tools for customers to solve the increasing complexities of the design process. Autodesk also announced updates to its industry-specific portfolio of AutoCAD-based solutions for architecture, engineering and construction (see "Autodesk Releases Updated AutoCAD-based Architecture and Engineering Solutions," Feb. 13, 2007).

AutoCAD 2008

The latest update to AutoCAD software focuses on improving designers' ability to document their designs, with a level of control that helps ensure that their drawings look as professional as they require. AutoCAD 2008 focuses on solving common customer problems in a way that respects current workflows, so that little or no retraining is required to obtain significant time savings.

Key enhancements include:

- Simple, intuitive creation, editing and management of annotation scale, tables, text and leaders, to virtually eliminate duplication of work, minimize errors and time spent on workarounds, and support corporate standards for design.
- Customer-driven improvements in functions ranging from drafting to presentation, including more than 35 enhancements in response to customer visits, Autodesk User Group International (AUGI) top-10 feature wish lists, and feedback forms.

"One of the most powerful aspects of AutoCAD software has been its support for designing and documentation in real-world scale," said Lucio A. Da Silva, CAD manager, Architectural Land Design, Inc. "But combining those elements with associated annotation has been difficult. AutoCAD 2008 makes it transparent for the designer -- we think it's a must-have update that builds on the modeling and visualization enhancements we got in AutoCAD 2007."

AutoCAD LT 2008

Autodesk also launched AutoCAD LT 2008 software. While AutoCAD software offers 3D conceptual design tools, advanced rendering, network licensing and deployments and more, AutoCAD LT is wholly focused on 2D drafting productivity for individual users. AutoCAD LT 2008 features the improvements to drafting tasks that are found in AutoCAD 2008.

Autodesk Design Review 2008

Supporting the design process by enabling even more extensive collaboration on both 2D and model-based information, Autodesk Design Review software is now available free of charge as a download from the Autodesk website. The software speeds the design review process with viewing, measuring and markup tools that are intuitive and that do not require CAD software or expertise. Design Review enables all-digital collaboration and communication of design changes between designers and their team members, tracking changes to 2D and 3D designs and allowing easy integration of feedback into Autodesk manufacturing, AEC and geospatial applications, as well as word processing documents and spreadsheets.

New capabilities in Autodesk Design Review 2008 include:

- New and enhanced design review capabilities for non-CAD users, including improved 3D measure and markup, drawing version comparison and better 3D model navigation.
- Better automation of design information with field data, using geo-referenced maps and connection to GPS devices.

- Increased productivity for viewing, printing, and searching designs, including native viewing and printing support for DWF files within Microsoft Vista XPS viewer; HP Instant Printing support for batch printing on HP Designjet printers; and support for on-demand access to ThomasNet's in depth product and service information from within the design.

Autodesk Impression 2008

Autodesk Impression software is Autodesk's response to thousands of customers who asked for a tool that would let them produce illustrations. Incorporating feedback from more than 30,000 Autodesk Labs beta testers, Impression is now available for purchase. The application enables users to create presentation-ready graphics directly from DWG and DWF files, boosting teams' productivity and allowing clients to experience ideas and explore design alternatives while a project is in development. With Impression, users can quickly produce high-quality illustrations and renderings that have a hand-drawn look, while leveraging the value of their CAD data.

Highlights of Impression 2008 features include:

- Easy-to-use tools for applying pre-built and custom styles. Styles are comprised of everything from strokes that look like pencil work, to fills representing markers and watercolors. Custom styles can be developed to create a "signature style" for a specific project or for use by everyone in a firm.
- Time-saving features such as Style Mapping. These features let users create multiple images that all have the same look and feel.
- Rapid updating tools such as CAD Geometry Update. These tools allow users to update and change illustrations as a design develops.

Autodesk Comprehensive Services

Autodesk offers services designed to help customers maximize the cost- effectiveness and productivity benefits of AutoCAD software.

Autodesk Consulting, including integrated consulting and training, helps customers worldwide maximize the value of their investment in Autodesk technology. For more information about Autodesk Consulting, see <http://www.autodesk.com/consulting>.

Autodesk Subscription is the easiest way to keep design tools and learning up-to-date. For an annual fee, customers benefit from the latest versions of their licensed Autodesk software, web support direct from Autodesk, self-paced training options and a broad range of other technology and business benefits. For more information, contact your Autodesk Authorized Reseller or visit <http://www.autodesk.com/subscription>.

Autodesk Developer Network (ADN) provides commercial and individual software developers with the resources needed to build specialized software applications that meet the needs of a wide variety of customers, in a broad range of industries. For more information, visit:

<http://www.autodesk.com/partnerproducts>.

Availability

AutoCAD 2008 and AutoCAD LT 2008 will be available in English, German and Japanese. Details on purchasing options will be available in the spring at: <http://www.autodesk.com/purchaseoptions>.

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Autodesk Transforms Product Development Process With Manufacturing Solution Updates

12 February 2007

At its World Press Day event today, Autodesk, Inc. unveiled the latest versions of its manufacturing solutions, which help customers redefine the product development process by experiencing their ideas before they are real. With updates to Autodesk Inventor, AutoCAD Mechanical, AutoCAD Electrical, Autodesk AliasStudio, Autodesk Showcase and Autodesk Productstream software products, the company is offering a complete approach to digital prototyping that allows manufacturers to cost-effectively validate their ideas and foster product innovation.

"As the largest and most trusted global supplier of engineering software, Autodesk is committed to providing companies with the world's most innovative 2D and 3D applications," said Robert "Buzz" Kross, vice president of Autodesk Manufacturing Solutions. "We have updated our products to help manufacturers leverage the power of functional design to make it fast and easy to do more digital prototyping. This allows them to bring new products to market faster, without the expense and waste of multiple physical prototypes."

The latest Autodesk manufacturing solutions redefine the product design process by supporting and natively connecting all of the disciplines involved in product development, from industrial design to mechanical and electrical engineering and manufacturing. Autodesk manufacturing applications' functionality and interoperability create an environment in which industrial designers can create and share digital concept models with engineers, who can use functional design to automatically generate 3D geometry for a digital prototype that seamlessly incorporates mechanical and electrical engineering data. With the help of a comprehensive data management system, tightly integrated calculations, stress analysis and motion simulation, engineers can test digital prototypes, optimize and validate their designs, and give customers the opportunity to experience a product's performance before it is built. Furthermore, files in the DWF file format deliver rich design data in digital format to the shop floor.

Autodesk Inventor Software Brings 2D, 3D Together

The Inventor product line is the best choice for designers who want to redefine their product development process and power their workflow with digital prototyping.

Key updates that aid digital prototyping include:

DWG Interoperability -- Using DWG TrueConnect users can read and write DWG files without translators while maintaining full associativity with the 3D Inventor model and increasing reuse and sharing of 2D manufacturing data.

AliasStudio Interoperability -- New capabilities for importing AutoCAD surface and solid data -- combined with new DWG export from Autodesk AliasStudio -- provides a quick and reliable way to transfer concept designs into Inventor.

Sheet Metal Design Tools -- Upgrades improve productivity when designing sheet metal parts and provide support for manufacturing information including flat pattern modifications and punch tool data.

Ribbon Cable Design Tools -- Full control over the shape and routing of ribbon cables simplifies the design of electrical wiring and reduces manufacturing errors by ensuring that all types of wiring can be included in the digital prototype and subsequent documentation.

Sketch Productivity Tools -- An updated 2D sketch environment reduces the learning curve for new designers and improves productivity for existing designers with clearer constraint status information and sketch geometry formatting tools.

"As a company with a large collection of 2D legacy drawings, we find the new DWG TrueConnect feature simplifies our everyday tasks and gives us more time to devote to innovation," said Warren Sweet, engineering manager at H&T Battery Components. "We are able to take advantage of the enhanced productivity that 3D brings, without sacrificing our many years of existing AutoCAD expertise and designs."

A Comprehensive Manufacturing Solution

Along with Inventor, Autodesk is releasing fully enhanced versions of complementary manufacturing products, including:

AliasStudio -- a complete set of tools for the conceptual design process, helping companies create superior designs -- which drives superior business. AliasStudio is now interoperable with Inventor.

Showcase -- an interactive tool that facilitates informed decision-making using realistic imagery from 3D design data and an environment in which to present and review designs.

AutoCAD Electrical -- a leading application built specifically to design and document electrical control systems.

AutoCAD Mechanical -- the 2D mechanical design and drafting application that features standards-based libraries of parts and content, automation tools, and associative detailing of Autodesk Inventor models.

Autodesk Productstream -- software that automates the release-management process by managing engineering changes and bills of materials.

Autodesk Offers Options

Customers have options when it comes to purchasing and implementing Autodesk manufacturing solutions. Autodesk Subscription provides an alternative to individual upgrade purchases and delivers added benefits. Subscription customers receive the latest versions of their licensed Autodesk software, web support direct from Autodesk, self-paced training options, and a broad range of other technology and business benefits for an annual fee.

Autodesk Consulting is available for customers who want to maximize the value of their investment in Autodesk manufacturing solutions through integrated consulting and training. Locally based classroom training is also available through Autodesk's 1,200 Authorized Training Centers, with sites in more than 75 countries around the world.

Availability

Product availability will vary by country. Details on purchasing options will be available in the spring at: <http://www.autodesk.com/purchaseoptions>.

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Autodesk Updates AutoCAD-Based Solutions for Architects, Civil and MEP Engineers

12 February 2007

At its World Press Day event today, Autodesk, Inc. unveiled updates to its comprehensive portfolio of discipline-specific software solutions based on the AutoCAD software platform for architecture, engineering and construction (AEC). Autodesk also announced that several product names have been modified to reflect their sharing the AutoCAD 2008 platform for design and documentation productivity.

AutoCAD Architecture 2008 (formerly Autodesk Architectural Desktop), AutoCAD MEP (formerly Autodesk Building Systems) and AutoCAD Civil 3D software applications incorporate new features and functionality to help architects, mechanical, electrical and plumbing (MEP) and civil engineers improve productivity and increase efficiency. Enhancements in these AutoCAD-based applications also pave the way for architects, designers and engineers to streamline fundamental tasks and redefine traditional design process.

"From our vantage point as a driving force in design software, we can see tremendous opportunity for our customers to continue to improve design and documentation productivity for even the basic tasks of engineering and building design," said Jay Bhatt, vice president, Autodesk AEC Solutions. "The latest updates to our portfolio of 2D and 3D tools are improving established ways of working, and make meaningful enhancements to the functions that are integral to our customers' work."

Updates Raise the Standard for Core 2D and Modeling-based Activities

The latest application updates are built on the AutoCAD 2008 platform, also announced today (see "Autodesk Enhances Industry-leading AutoCAD Software," Feb. 13, 2007). Autodesk now offers customers state-of-the-art 2D and 3D model-based software solutions that bring innovations in conceptual design, dynamic modeling and usability to design workflow and core tasks. These features and functions boost the speed and coordination of drafting and modeling work.

AutoCAD Architecture 2008

AutoCAD Architecture provides the best AutoCAD-based design and documentation productivity for architects. AutoCAD Architecture 2008 makes it easier for users familiar with AutoCAD to automate tedious drafting tasks so design documentation can be completed more easily and more quickly.

New features and functionality in AutoCAD Architecture 2008 include:

- Automatic scaling of drawing production allows users to simply change the scale of the design, and the annotations including dimensions, tags and leaders are automatically updated.
- Changing building elements and components display (such as a door and its swing) is now as easy as modifying AutoCAD linework.
- New Drawing Compare feature, available through the Autodesk Subscription program, uses color-coded displays to show items on a drawing that have been changed, added or deleted by other members of the design team. Changes to items such as styles, fire ratings or other non-graphical properties also can be tracked.

AutoCAD MEP 2008

AutoCAD MEP 2008 is AutoCAD-based software for mechanical, electrical and plumbing (MEP) engineers, designers and drafters. AutoCAD MEP 2008 software brings efficiency to AutoCAD-based workflows for greater productivity and accuracy, which also helps minimize coordination errors between architecture and engineering teams.

New features in AutoCAD MEP 2008 include:

- Automation of MEP systems design, layout and documentation, including single line plumbing, electrical layout and piping.
- Part wizard to speed creation of new parts with predefined parametric templates.
- International metric content, for documentation in global projects using international metric measurements.
- Improved display control for construction documentation and display.

AutoCAD Civil 3D

Autodesk provides civil engineers, designers, surveyors and drafters with a comprehensive AutoCAD-based package that uses a dynamic model to link design and production drafting for site development, road design and more. This capability enables changes to update across the project, so that all team members work from the same consistent, up-to-date design. AutoCAD Civil 3D 2008 is helping civil engineers redefine design by using proven technology to eliminate much of the tedious step-by-step development of plans. At the same time, Civil 3D helps speed execution of design changes and facilitates evaluation of multiple design scenarios.

Key features in AutoCAD Civil 3D 2008 include:

- Enhanced multiuser environment for work on larger, more complex projects.
- Interactive design capabilities and feature automation for greater productivity, such as automatic generation and updates to roadway plan and profile sheets.
- Increased survey functionality to create base geometry faster and move data from and to the field.
- Interoperability and migration for multiple data formats, including Google Earth mapping functionality and the DWF file specification.

AEC Solutions Portfolio Consolidates Products, Services

In addition to updating industry-leading applications, Autodesk has consolidated its efforts across architecture, engineering and construction (AEC) to better serve the increasingly integrated teams and processes across the industry as well as the business needs of the individual disciplines within the industry. Autodesk AEC solutions include industry-leading civil engineering, building design and engineering, and building operation applications, as well as collaborative project management (CPM) tools for construction. In addition to AutoCAD-based applications, the portfolio features the latest Revit family of products for building information modeling (BIM), Autodesk FMDesktop software for facility management, and Autodesk Buzzsaw and Autodesk Constructware software and services for CPM.

Availability

Product availability will vary by country. Details on purchasing options will be available in the spring at: <http://www.autodesk.com/purchaseoptions>.

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Autodesk Updates Revit Platform for Building Information Modeling

12 February 2007

At its World Press Day event today, Autodesk, Inc. announced comprehensive updates to its Revit platform for building information modeling (BIM) software applications, and an expanded portfolio of solutions that address the building industry's evolving requirements for productivity and efficiency. The latest updates to the Revit platform help provide immediate competitive advantage, better coordination and quality, and increased support for sustainable design, all of which can lead to better performing buildings and higher profitability for architects, engineers and the extended building team.

"BIM is accelerating the pace of change in the building industry as information-based modeling becomes the norm across the building design and construction disciplines," said Jay Bhatt, vice president, Autodesk AEC Solutions. "The newest versions of Revit-based applications will help our customers get even greater benefit from BIM and transform traditional design and industry processes with better decision-making information to reduce costly complexity, mistakes and delays."

Enhancements Take Advantage of BIM to Redefine Design Process

The roles of architects, engineers, and designers in the building process are changing with the increasingly global and complex nature of design, engineering and construction, a more demanding business climate and more widespread adoption of BIM. BIM is the creation and use of coordinated, consistent and computable information about a building project. Such information is crucial to more efficient design decision making, precise construction document production, performance predictions, cost estimations and construction planning, as well as managing and operating facilities. At the core of the Revit platform, Autodesk's purpose-built solution for BIM, a powerful parametric change engine automatically helps coordinate all changes across design, documentation and analyses. The Revit platform can keep information coordinated, up-to-date and accessible in an integrated digital environment, giving architects, engineers, builders and owners a clear overall vision of all their projects, as well as aiding their ability to make better decisions faster.

To even more closely align products with customer needs and requirements, Autodesk has modified the names of several Revit-based applications. Revit Architecture 2008 (formerly Revit Building), Revit Structure 2008 and Revit MEP 2008 (formerly Revit Systems) software products support new ways of working for architects, designers, drafters and engineers, helping them to predict, analyze and deliver better building performance.

Revit Architecture 2008

Purpose-built for building information modeling, Revit Architecture mirrors the real world of buildings, so architects and designers work holistically, rather than with isolated elements such as floor plans, sections and elevations. In addition to improvements to the many powerful features of this mature product, Revit Architecture 2008 also delivers:

- Improved management of linked model information and improved DWF file specification support.
- Google Earth Plug-In for publishing Revit models to Google Earth mapping functionality.
- Better interoperability with Autodesk 3ds Max animation software to help drive design consensus across project stakeholders.

Revit Architecture 2008 also delivers new features to enable sustainable design with analysis of materials, quantities, energy use and lighting. With enhanced gbXML (Green Building Extensible Markup Language) functionality, designers can quickly perform energy analysis and study building performance using tools such as those from Green Building Studio, Inc. and IES Ltd.

Revit Structure 2008

Revit Structure 2008 redefines structural engineering by making it easier for structural engineers, designers and drafters to design and visualize their structures. Building on the Revit platform's parametric change management technology, the latest release lets structural engineers create a building information model and related construction documentation more easily with new features including:

- New modeling tools for parametric structural trusses, warped structural slabs and curved beams.
- Construction documentation enhancements such as dependent views for split drawings, dimensions and element visibility.
- Improved usability and interoperability with industry-standard tools and third-party analysis applications.

Revit MEP 2008

Revit MEP 2008 delivers BIM for the mechanical, electrical and plumbing (MEP) engineering market with improved features to support building performance analysis and better decision making. Revit MEP 2008 is available as part of AutoCAD Revit MEP Suite, which combines Revit MEP 2008 for systems information modeling and AutoCAD MEP 2008 (formerly Autodesk Building Systems) for MEP documentation. Important features in Revit MEP 2008 include:

- Fully parametric change management increases coordination and maximizes the efficiencies of the Revit-based workflows across the architecture and engineering teams.
- Automated exchange of engineering design information improves communication and minimizes design coordination errors between MEP engineering disciplines, as well as with the architectural and structural engineering disciplines.
- Integrated building performance analysis for sustainable design through a direct link to the Integrated Environmental Solutions (IES), Virtual Environment -- providing reportable building analysis data including annual energy requirements, whole building carbon emission output, occupant satisfaction, day-lighting and thermal analysis capabilities.

Visualization Tools Enhance BIM

The Revit platform can be used with design visualization and conceptualization tools built on the same technology as Autodesk's leading film, gaming and product design software. These tools, together with Autodesk simulation and analysis applications, give users the flexibility to optimize and improve their designs before they are built -- helping to save time and money, improve quality and foster innovation. The latest version of Autodesk VIZ 2008 software provides architects, designers and visualization artists with the modeling, lighting, rendering and animation tools required for professional-quality 3D architectural visualizations. VIZ 2008 also includes improved support of AutoCAD and Revit software files; new, simplified architectural rendering tools; speed and performance enhancements; and new learning tools.

AEC Solutions Portfolio Consolidates Products, Services

In addition to updating industry-leading applications, Autodesk has consolidated its efforts across the architecture, engineering and construction (AEC) industries to address the evolution of the building industry and serve the business needs of the individual disciplines comprising the industry. Autodesk AEC Solutions incorporate industry-leading civil engineering, building design and engineering, and building operation applications, as well as collaborative project management (CPM) tools for construction. In addition to the Revit family of products for BIM, the portfolio features AutoCAD-based applications such as AutoCAD Architecture (formerly Autodesk Architectural Desktop), AutoCAD MEP (formerly Autodesk Building Systems), and AutoCAD Civil 3D; Autodesk FMDesktop software for facility management; and Autodesk Buzzsaw and Autodesk Constructware software and services for CPM.

Availability

Product availability will vary by country. Details on purchasing options will be available in the spring at: <http://www.autodesk.com/purchaseoptions>.

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Autodsys Releases AcceliCAD2CAM

15 February 2007

Autodsys (<http://www.autodsys.com/>) announced AcceliCAD2CAM, a new CAD platform that in conjunction with Solustan's LinkMotion driver provides direct-to-CAM output, allowing designers to go directly from design to manufacture.

Said Ron Prepchuk, President of Autodsys, Inc. "We have worked closely with Solustan to create the features that engineers and designers need to quickly produce fabricated parts from their CAD drawings. The combination of AcceliCAD2CAM and Linkmotion will save users thousands of dollars in software costs." Some of the features added to the base AcceliCAD product include over-travel, bridges, fills, toolpath direction, and the conversion of entities such as text shapes to polylines.

In the past parts would be designed with CAD software and then imported into a CAM software package before being sent to the machine for milling. With this new combination designers will send their drawings straight from CAD to the cutter just as if they were sending it to a printer. Supported machines include 2 or 3 axis machines with step or servo motors, and laser machines with step, servo or Galvanometric motors. Said Dhiren Shah, Dir. of Operations for Solustan, Inc., "After creating a design in AcceliCAD the designer uses the LinkMotion driver to send the design to the machine as if it were being sent to a printer. There is no need to learn a new program or create additional controller software; and no G codes to remember. "

About AcceliCAD2CAM

AcceliCAD is the new standard for low-cost CAD software that offers compatibility with the DWG file format as well as support for industry standard commands, menu files, script files, shape files, text fonts, hatch patterns, linetypes, LISP programs, SDS/C++ programs, and VBA programs. Based on the popular IntelliCAD software, it contains all of its standard features as well as many advanced features that make it easier to create and edit DWG files. AcceliCAD2CAM has a suggested retail price of \$499.

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CoWare Integrates ARM RealView Development Suite with Its Virtual Platform Product Family

12 February 2007

[CoWare®, Inc.](#) announced the integration of the ARM RealView® Development Suite with CoWare's Virtual Platform product family. The integration of the RealView Development Suite provides a single software-debugging interface from virtual platform-based designs to production. In addition, for multi-core virtual platforms, the RealView Development Suite debugger will be synchronized with other third-party processor debuggers being used. This integration will result in faster, better, and lower cost software development.

"The ARM RealView Development Suite provides a broad range of target connectivity for use throughout the development process," stated Tim Holden, director of EDA relations at ARM. "The integration with CoWare's Virtual Platform product family extends this range for the benefit of our mutual customers."

“Multi-core SoCs with increasing software content are becoming the norm in digital and wireless consumer devices,” said Marc Serughetti, director of marketing at CoWare. “The integration of the RealView Development Suite is well-suited for this type of software development, system integration, and testing as it ensures the synchronization of the virtual platform software development tools and debuggers with other processor IP included in the device.”

About CoWare Virtual Platform Product Family

Virtual platforms for software development are fast and scalable models of the system hardware, including the device hardware and the environment it evolves in. Unlike traditional software methods, virtual platforms combine execution speed, early availability, controllability, observability, and determinism with pre- and post-silicon usability. CoWare delivers tools and services for the creation, distribution, and use of virtual platforms for software development to leading semiconductor and electronic device companies worldwide. To see a demonstration of a CoWare Virtual Platform with ARM RealView Development Suite, contact the CoWare office nearest you.

About the ARM Connected Community

The [ARM Connected Community](#) is a global network of companies aligned to provide a complete solution, from design to manufacture and end use, for products based on the ARM architecture. ARM offers a variety of resources to Community members, including promotional programs and peer-networking opportunities that enable a variety of ARM Partners to come together to provide end-to-end customer solutions.

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Dassault Systèmes Announces New Capability for Analyzing Fluid-Structure Interaction with ABAQUS and STAR-CD

15 February 2007

Dassault Systèmes ([DS](#)) announced the availability of a powerful coupled-analysis capability for fluid-structure interaction (FSI) utilizing ABAQUS, the technology-leading finite element analysis (FEA) software from their SIMULIA brand, and STAR-CD, a market-leading computational fluid dynamics (CFD) software from CD-adapco.

The new FSI solution builds on the SIMULIA strategy of delivering an open platform for multiphysics simulation. The bi-directional coupling leverages a strong partnership with [CD-adapco](#) and the independent, open solution for the coupling—MpCCI software from Fraunhofer SCAI—to enable ABAQUS and STAR-CD to work together to solve a wide range of important FSI problems.

"This coupled solution provides the most powerful FSI technology available on the market," states Dennis Nagy, VP of marketing and business development at CD-adapco. "Companies using our coupled solution will dramatically improve collaboration between fluid dynamics engineers and structural

engineers. This will enable them to gain a greater understanding of system behavior and a competitive edge in delivering innovative inventions and products to market."

"Multiphysics simulation such as FSI is increasingly important," says Ken Short, VP of strategy and marketing at [SIMULIA](#). "It allows engineers to replicate and predict realistic physical behavior of complex systems where the interactions of fluid and structural responses are significant. Our customers will benefit tremendously from our open platform approach which enables them to easily integrate, fully supported best-in-class technology."

The new offering allows manufacturers and researchers in automotive, aerospace, off-shore, biomedical, consumer, and process industries to study the influence of fluid flow-induced forces and heat transfer on structural integrity as well as the impact of nonlinear material response on fluid flow behavior. This allows them to evaluate a broad range of conditions, such as flow-induced vibrations in structures, in-vivo vascular flows, valve dynamics, and fluid-structure applications in consumer goods and packaging.

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ESI Group Announces the Latest Version of PAM-CRASH 2GPAM

9 February 2007

ESI Group announced the release of PAM-CRASH 2G, the virtual testing solution for impact, crash and safety professionals.

PAM-CRASH 2G serves clients in industries such as automotive, aerospace, consumer electronics and material producers. The software also provides benefits in time-to-market and lifetime cost over traditional manufacturing techniques. It supports collaborative work between various actors involved in the simulation process.

The major evolution of PAM-CRASH 2G resides in the new methodology called Multi-Model Coupling to perform detailed simulations, which is a key point of the 2006 version. "PAM-CRASH 2G offers fast turnaround with very detailed model when we need to obtain in given areas precise geometry of the deformation, or reliable rupture prediction» explains Peter Ullrich, Impact, Crash & Safety Product Line Manager ESI Group." Instead of imposing a small time step to the whole structure, the software isolates the local areas with refined mesh".

"PAM-CRASH 2G is a solution to drive business value and gain a competitive edge. We used PAM-CRASH 2G for front crash simulation with sub frame failure prediction. Its multi-scale coupling using subcycling enables the representation of locally refined models for detailed failure analysis. Computation time has been greatly decreased due to subcycling in comparison with standard PAM-CRASH 2G jobs. Moreover, code coupling enables further applications, like convenient handling for Car-To-Car crash." confirms Dr. Greve, CAE Methods, Volkswagen Group Research.

Taking into account the transport industry's permanent concern of weight reduction, PAM-CRASH 2G proposes the modeling of advanced materials like honeycomb, super-elastic alloys, plastics or adhesive bonding. In restraint system design, PAM-CRASH 2G's unique Finite Point Method (FPM) addresses how gas flow affects airbag inflation. All these new features enhance accuracy and improve ease-of-use, which result in the most efficient solver currently available with respect to high performance computing and software quality.

The PAM-CRASH 2G environment is an advanced enterprise solution for CAE data management providing an open and interoperable framework for IMPACT, CRASH and SAFETY applications. Visual Crash for PAM (VCP), the dedicated pre-processing solution to PAM-CRASH 2G's solver, uses solver algorithms directly to save time for accuracy and consistency checks like contact interfaces or spot welds. It is extended to other areas like in manufacturing e.g. composite forming or stamping to support Simulation Based Design.

ESI Group supplies a complete compute model library to CAE engineers. This library includes crash test dummies, barriers, test devices and human models according to the current safety regulations. It helps CAE engineers to save significant time in model set-up and to design high performance cars.

PAM-CRASH 2G is available on computers running 32 and 64 bit versions of the Windows, Linux, and UNIX operating systems. It runs as a massively parallel application on computer systems supporting this capability.

For more information, please contact either your ESI Group representative or visit <http://www.esi-group.com>.

[ESI](#) Group's Crash, Occupant Safety and Biomechanics Solutions PAM-CRASH 2G, the virtual testing solution for crash and safety professionals comprises three main components: firstly a solver offering state-of-the-art physics-based models for crash and other impact problems, its key capabilities include advanced material models, coupling with manufacturing process simulation, a mesh-free CFD method for airbag modeling, and a highly scalable parallel solution; secondly the Visual Environment portfolio, a suite of highly productive CAE process automation products; finally validated compute models including crash test dummies, impactors, barriers, and a unique family of human body models.

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FreeDesign Releases FreeDimension Version 1.1 with NURBS Output

14 February 2007

FreeDesign™ Inc. announced the update of its signature software. FreeDimension version 1.1 offers users enhanced output capabilities in its unique free-form modeling interface. The release includes an optional output module, which enables FreeDimension models to be output in a NURBS format for use in downstream CAD applications.

FreeDimension represents a radically new approach to surface generation in 3D models. The new technology enables designers to stylize 3D models intuitively, unburdened by the need for complex tools to create curved surfaces. With a remarkably easy user interface, the software quickly expedites what used to be the most difficult task in 3D models: the molding of naturally looking organic shapes, ergonomic surfaces, and rich three-dimensional textures.

This new freedom in design is possible because FreeDimension departs from the usual method of CAD surfacing, which uses NURBS (Non-Uniform Rational B-Splines). FreeDimension instead employs a new flexible technique of curve-creation called "n-sided" surfacing.

The NURBS output module, an optional add-on in FreeDimension 1.1, gives users the best of both worlds - free-form design flexibility and the ability to export projects to familiar CAD applications. The module re-calculates FreeDimension's surfaces as NURBS surfaces. The surfaces can then be easily exported to other 3D tools via the common IGES format. "Any CAD system that can handle NURBS and IGES can read our models," says Dick Sowar, FreeDesign CEO. "This is an exciting enhancement that allows FreeDimension models to integrate directly with a 3D designer's workflow."

FreeDimension V 1.1 enhances surface output to the popular and easy-to-use SketchUp modeler from Google. Improved surface handling means that surfaces exported into SketchUp will appear the same as in FreeDimension, and hides facets within the surface that were previously displayed in the software. Default orientation, color and transparency selections will also pass correctly into SketchUp and can be amended in SketchUp. The upgrade is free to current licensed users and is included in the FreeDimension 1.1 package. Three new tutorials demonstrate the proper use of the new output modules, and are available from the FreeDesign website.

All FreeDimension products are available for immediate download at <http://www.freedesign-inc.com>.

For those wishing to try out this revolutionary new modeler, FreeDimension 1.1 may be tested on a free 15-day trial basis at <http://www.freedesign-inc.com>.

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IBM Launches IBM FileNet Content Manager 4.0

13 February 2007

FileNet, an IBM company, announced general availability of IBM FileNet Content Manager 4.0, with enhanced functionality and platform support, improved scalability, and capabilities aimed at offering more flexible and centralized IT deployment.

FileNet Content Manager is an enterprise Content Management solution for managing any type of digital content which uniquely combines document management with out-of-the-box workflow and process capabilities to activate documents and content by delivering the right content to the right place at the right time – to support the decision making process of an organization.

New features in Content Manager 4.0 include a new, re-architected J2EE Content Engine that runs on seven major operating systems including Windows, AIX, Solaris, HP-UX and Linux and continuing support for DB2, SQL Server and Oracle. The J2EE content engine offers a robust and familiar infrastructure for Enterprise operations and system management staff, enabling Content Manager 4.0 to be seamlessly integrated into customers existing IT infrastructures and providing lower total cost of ownership.

“Content Manager 4.0 accelerates the deployment of all types of business content, enhancing the collaborative contributions from individuals and departments with specialized expertise,” said Lee Roberts, general manager, Content Management, for IBM. “Armed with the latest and most relevant information and a richer business context, workers at all levels of the organization can make better faster decisions that are in the best interest of the business and its customers.”

A recent IBM FileNet P8 4.0 Content Engine performance study produced top-end retrieval rates exceeding 6 million documents per hour, and top-end ingestion rates exceeding 4 million documents per hour.

Additionally, Content Manager 4.0 boasts significant enhancements and support for industry standard , open security and single sign on (SSO) protocols through support for Java Authentication and Authorization Service (JAAS). Content Manager 4.0 now supports IBM Tivoli Directory Server and Tivoli Access Manager, and leverages J2EE and Web Services standards to easily integrate into SSO products in use today.

Content Manager 4.0 offers a rich compound document model for managing complex documents, streamlining the authoring, translation, review and publishing processes, and enabling organizations to dynamically publish documentation that is accurate, consistent, relevant, and cost-effective. The compound document engine is ideal for production document generation in regulated industries or where complex documents with long lifespans are required. The new Content Manager 4.0 compound document model enables partners such as Document Sciences and Thunderhead to offer new capabilities to our mutual customers.

Content Manager 4.0 is optimized for high performance in a widely distributed enterprise and provides highly-flexible, distributed content caching for improved performance across remote sites. Content Manager 4.0 also supports concurrent deployment of a wide variety of user interfaces and end user interaction models that improve efficiency and decision-making at all levels within an organization.

Additionally, Content Manager 4.0 expands on IBM FileNet Content Federation Services for third-party repositories, enabling enterprises to search, catalog, classify, secure, retain, comply, activate, update and delete content residing in repositories across the enterprise.

Content Manager 4.0 also features expanded support for federated annotations -- items such as electronic “sticky notes,” rubber stamps, and comments -- that often contain critical information to an organization’s business processes. Annotations to content in existing FileNet imaging optimized systems can now be viewed by FileNet P8 users, further extending the value in existing customer investments.

Pricing and Availability

Content Manager 4.0 is now shipping. For more information, please contact 1-800-FILENET.

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IBM Announces General Availability of IBM FileNet Image Manager Active Edition 4.0

13 February 2007

FileNet, an IBM company, announced general availability of IBM FileNet Image Manager Active Edition (IMAE) 4.0.

FileNet IMAE allows organizations to securely and permanently store immense volumes of fixed information in a robust and highly available environment

Designed to meet mission-critical document imaging requirements, IMAE combines FileNet's highly scalable image repository with FileNet P8 Content, Application and Process Engines. The result is a powerful, scalable imaging system for the capture, control, storage, access and consolidation of any type of digital content, that makes the right information available to the people who need it, helping them make better decisions faster.

IMAE brings together the benefits of a dedicated imaging platform with the FileNet P8 Enterprise Content Management (ECM) platform, enabling organizations to leverage content and processes to meet compliance requirements for better, faster decision making, improved operational efficiency and lower total cost of ownership.

"IMAE enables FileNet imaging users to extend the value of their investment in the world's best-performing enterprise image management solution," said Lee Roberts, general manager, Content Management, for IBM. "IMAE offers all the proven Image Services functionality our high-end imaging users have come to depend on, along with the FileNet P8 next-generation functionality they need to expand their ECM infrastructure and activate their content."

The product is ideal for existing FileNet Image Services customers looking to leverage FileNet Records Management, Business Process Management and Web Content Management capabilities.

IMAE enables billions of documents to be shared by tens of thousands of users on a global basis. The system handles scanning volumes from thousands to several million pages a day, and high speed import volumes in excess of 4 million pages a day. IMAE addresses the requirements of large numbers of distributed users through remote and document-level caching, remote entry services, high-speed batch printing, as well as support for optical storage and Computer Output to Laser Disk (COLD).

New features include support for federated annotations -- items such as electronic “sticky notes,” rubber stamps, and comments -- and support for high numbers of distributed servers, as well as improved security and high availability capabilities. Additionally, the solution offers world-class disaster recovery capabilities, with its unique content transaction logs that support recovery of partial or complete systems. IMAE also offers support for the new Hewlett-Packard Itanium/Integrity server platform as well as a variety of databases and operating systems, providing flexibility of deployment across multiple platforms.

Pricing and Availability

FileNet Image Manager Active Edition (IMAE) is now shipping. For more information, please contact 1-800-FILENET.

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IBM Expands Information on Demand Growth Initiative

13 February 2007

IBM announced new software and business consulting services to accelerate the company's global Information on Demand initiative, which is aimed at helping clients better compete and pursue new business opportunities by using information as a strategic asset.

IBM unveiled the new offerings to expand a cross-company investment and skills commitment it launched a year ago to enable clients to gain a competitive business advantage through new and innovative uses of information.

With the amount of digital information expected to double every 11 hours by 2010*, clients are confronted by a convergence of information-centric challenges each day -- including globalization, mergers and acquisitions and regulatory compliance. These factors have fueled client demand for new technologies and capabilities that enable them to innovate and grow their businesses, while tackling global competition and an avalanche of information.

Consequently, demand for IBM's Information on Demand offerings grew rapidly throughout the past 12 months, with hundreds of new client wins and 42 percent revenue growth in the fourth quarter of 2006, contributing to IBM's best software results in more than five years.

The new software IBM introduced today from FileNet, a strategic Information on Demand acquisition IBM made in October 2006, helps clients ensure that business information is delivered and used in the context of their critical business processes. IBM FileNet P8 4.0 enables organizations to capture, manage, access and consolidate all forms of content, improving their ability to automate records management, meet compliance requirements and reduce operational risk. This helps clients derive value out of unstructured information -- the more than 85 percent of information that isn't stored in a format that can be easily searched or accessed via conventional database software.

"Taking a piece-part approach to managing, securing and storing critical business information prevents companies from gaining insights from their business information and using it for competitive advantage," said Steve Mills, senior vice president, IBM Software Group. "IBM's ability to combine software, hardware and industry expertise is helping clients make better decisions, capture business opportunities and respond to threats in real-time."

Additionally, IBM Global Business Services (GBS) today announced expanded FileNet consulting services as part of its global content management services practice that includes consulting and integration capabilities. With the expanded FileNet consulting practice, more than 1,000 IBM consultants will now be dedicated to providing a range of content management consulting services to FileNet and IBM Enterprise Content Management clients, ranging from initial strategy and planning through the building and management of enterprise-wide solutions. IBM GBS also will apply its leadership in Service Oriented Architecture and Service Oriented Business Architecture consulting to help clients take better advantage of all types of information -- regardless of format, platform or location -- and put it to use to improve business processes, quickly respond to market needs or rapidly identify new opportunities.

IBM also introduced a new Web 2.0 interface for its Content Manager OnDemand offering that provides access to important business information directly from any Web browser. This enables clients to retrieve reports, statements, e-mails, and check images and other content with just a few clicks. Built on a scalable, open platform, the new Web 2.0 interface is based on advanced technologies such as AJAX, and represents the versatile client interface that will be used to unify access across the entire IBM enterprise content management portfolio.

IBM's Information on Demand initiative is helping clients in all industries better manage and take advantage of their business information. For example, one of the nation's leading managed health care services companies is using IBM software to improve the operational efficiency and turnaround time of its claims and enrollment departments. The software enabled the client to reduce operations cycle times from hours to minutes; increase employee productivity by 20 percent, realize a 12 percent reduction in its general and administrative expenses, and eliminate manual routing of paperwork.

For more details and information about IBM's Information on Demand initiative, visit <http://www.ibm.com>.

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IBM Launches IBM FileNet Business Process Manager 4.0

13 February 2007

FileNet, an IBM company, announced general availability of IBM FileNet Business Process Manager 4.0, an Business Process Management suite which helps organizations automate and optimize business processes and leverage content for increased responsiveness, reduced cycle times, more timely and accurate decision making and improved compliance across the enterprise.

Because of the tremendous gains organizations have been able to attain leveraging Business Process Management (BPM), it has become a key driver for business performance. FileNet BPM 4.0 continues to build on FileNet's reputation for delivering comprehensive BPM capabilities with a new and improved focus on ease of use, simplified integration and customization, enabling customers to achieve quick return on investment.

New features support BPM standards for business process modeling (BPMN) and execution (XPDL) and BPM integration as part of an overall Service Oriented Architecture (SOA) strategy, as well as support for compliance and corporate performance management initiatives. Additionally, BPM 4.0 offers features to streamline customization of business processes and content-centric applications, enabling organizations to easily integrate BPM to existing enterprise architectures.

Offering a standards-compliant Web Services API, FileNet BPM provides extensive support for Web Services and SOAs. Support for process orchestration enables organizations to both consume and incorporate Web Services into business processes, and also publish processes as Web Services for consumption by other services and applications.

FileNet BPM offers a number of process design capabilities to empower business analysts and reduce the need for IT involvement, and enable customization of business processes and BPM applications. BPM supports Business Process Modeling Notation (BPMN), a standardized graphical notation to document and describe business processes. By using BPMN, organizations can better communicate process design across organizational boundaries and better meet regulatory compliance requirements.

FileNet BPM now integrates with Microsoft Visio. With approximately 2 million licensed users, Microsoft Visio is the world's most pervasive, business-user oriented graphical process modeling environment. FileNet's support for Microsoft Visio enables users to model business processes within a familiar user interface.

Additionally, FileNet BPM offers enhancements to its Business Process Framework (BPF). BPF substantially reduces development time and cost for content-centric applications, enabling customers and partners to accelerate deployment of business-specific solutions based on FileNet BPM. As part of BPF, users can now leverage eForms as a front-end user interface to collect, present information and drive business processes steps. Furthermore, BPM 4.0 now offers offline eForms capabilities. Forms with built-in logic capture information offline and then transfers this data when integrated online, supporting mobile workers in the field who often work extensively offline.

Also, the web-based graphical layout designer allows customers to prototype and deploy BPM applications significantly faster than previously possible, accelerating time to value.

Providing enhanced scalability, BPM 4.0 also supports process engine farming, where a group of servers acts in federation as if they were a single machine. Each machine actively participates in handling the workload; if one of the process engine servers shuts down, the others continue to actively process work, supporting high availability initiatives and providing an optimal disaster recovery configuration.

Additionally, organizations can add servers as needed, providing a cost-effective means of increasing processing capacity.

Also new in BPM 4.0 is a multi-lingual process engine, which enables organizations to build true global business applications. BPM offers support for all major languages. BPM recognizes end user settings to deliver information in the recipient's native language. This is beneficial for organizations leveraging outsourcing or expanding into new geographic markets, and critical for organizations that must meet legal mandates for bi-lingual language support.

A number of new feature enhancements provide organizations with the means to track, monitor, measure and optimize processes in real time. FileNet Business Activity Monitor provides real-time visibility into the effectiveness of business processes and overall business performance by monitoring key metrics and alerting users to deviations. New enhancements support 64-bit technology which allows customers to use virtually unlimited capacity.

Pricing and Availability

BPM 4.0 is now shipping. For more information, please contact 1-800-FILENET.

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McLaren Software™ Joins Primavera® Technology Partner Program

13 February 2007

McLaren Software announced that it has joined Primavera's Technology Partner Program. Primavera Technology Partners are an elite group of software solutions providers who offer integrated solutions for Primavera's target industries.

Through the Technology Partner Program, Primavera works collaboratively with its partners to provide complementary solutions that address the specific business needs of joint customers. "McLaren Software extends the value of Primavera by helping organizations optimize their design, change management processes, and documents, while mitigating risk throughout the project life-cycle," said Michael Zambon, Primavera Alliance Manager.

"By leveraging [McLaren Enterprise Engineer](#)'s ability to provide insight into the actual status of intellectual work products, including drawings, documents, and presentations," explained Paul Muir, CEO at McLaren Software, "the integration will allow our joint customers to manage all aspects of their large capital projects from one platform."

Enterprise Engineer is a suite of configurable business applications that manages engineering content, as well as the work processes that produce and use this content. Enterprise Engineer supports the engineering process by providing a single point of controlled access to manage the production and use of engineering content, such as: CAD drawings, standard operating procedures, correspondence, email and

specifications throughout the lifecycle of an asset or project. Enterprise Engineer features built-in business rules, processes and security feature, and allows users to automate the use of engineering content across the company and with third-party contractors and customers.

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MSC.Software Signs OEM Agreement With FEMUTEC GmbH

15 February 2007

MSC.Software has announced a new OEM relationship with manufacturing specialists [FEMUTEC GmbH](#) that will focus on simulation interests in materials forming.

FEMUTEC GmbH has a ten year proven track record of developing and supplying software, technical support, and consultancy to manufacturing organizations, including a successful long term Business Partner relationship with MSC.Software. Under the new agreement, FEMUTEC will add to their existing manufacturing portfolio, providing worldwide development, sales and technical services for MSC.Software's manufacturing solutions Superform and Superforge, two highly complementary technologies developed specifically for the material forming and forging industries.

"MSC.Software is constantly seeking new partnerships aimed at providing our customers with breadth of solution capability and an unrivalled depth of service expertise," said Amir Mobayen, senior vice president, EMEA Operations, MSC.Software. "FEMUTEC combine a solid history of commercial success with the experience and dedication which is required for specialist manufacturing simulation applications of this nature. Our extended partnership will further strengthen our mutual offering, and will bring new value to customers in a range of manufacturing industries."

The simulation of material forming processes is a specialist application involving several highly advanced and innovative non-linear computational technologies. Based on the finite volume 'meshless' Eulerian technology from MSC.Software's Dytran solver, Superforge is ideally suited for modeling the flow characteristics of hot forging applications. By way of complement, Superform utilizes the more traditional Lagrangian implicit Finite Element technology from MSC.Software's Marc solver, together with advanced adaptive re-meshing to address a wide range of bulk and sheet forming applications.

Both solutions have seen large scale deployment in heavy manufacturing organizations in Europe, Asia-Pacific, and the Americas, enabling organizations to significantly reduce prototype trials, optimize tool and die life, and to minimize the cost of scrapped components.

"This OEM agreement is a significant step towards a more powerful vertical solution for the bulk metal forming market," stated Michael Wohlmuth, Managing Director FEMUTEC GmbH. "This partnership combines FEMUTEC's industrial knowledge and GUI development expertise with MSC.Software's best in class solver technology and provides an upper league manufacturing solution to customers."

More information regarding MSC's products and services can be found at <http://www.mscsoftware.com>.

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Open Text Delivers Industry's Most Powerful and Scalable Email Management Solution with Sun Microsystems

15 February 2007

CIMdata PLM Industry Summary

Open Text™ Corporation announced the industry's most powerful email management solution which is capable of archiving and managing billions of emails per year. Jointly developed with Sun Microsystems, the offering is part of a deepening relationship between the two companies and is designed for large global organizations, and the problems they face monitoring and archiving huge email volumes to meet growing regulatory, compliance and litigation requirements.

Email has become an integral tool in all facets of business today. But email also presents considerable risk due to its inherently informal nature, making it hard to accurately classify and retain as required by regulatory agencies and new e-discovery rules under the Federal Rules of Civil Procedure. Compounding the problem is the sheer volume of email traffic, putting intense pressure on the computing infrastructure to scale to meet the demand.

By joining forces, Sun and Open Text have developed a solution that, in recent testing at Sun's labs, demonstrated the scalability enterprises will need to effectively manage huge email volume throughout the entire content lifecycle. In tests, the solution demonstrated that it can handle the indexing, monitoring and archiving of up to seven million emails per day, or more than two billion emails per year.

The joint solution consists of Livelink ECM - Email Monitoring for Microsoft Exchange or Livelink ECM - Email Monitoring for Lotus Notes, Sun Fire™ x64 (x86, 64-bit) and UltraSPARC®-based servers with the Solaris Operating System (OS). This is the only solution on the market that can manage volumes of this magnitude to help enterprises meet stringent compliance requirements.

"Open Text is committed to delivering solutions to market that satisfy the compliance needs of our customers," said Kirk Roberts, Open Text's Executive Vice President of Products, Solutions and Marketing. "Together with Sun, we were able to increase the scalability of our email solution to meet current and future email management needs of the largest organizations in the world."

The scalability of the solution was recently confirmed by a major European bank -one of the world's largest -- which selected the Open Text and Sun combination as the basis for an enterprise-wide email monitoring solution. According to the bank's test results, 5,610,534 emails were indexed and archived within a 24-hour period.

Through certifications of the Sun StorageTek NAS 5000 family, Sun StorageTek Compliance Archiving Software, and Sun's StorageTek Content Infrastructure System with Open Text's Livelink - ECM archiving solutions, the two companies are also helping customers meet regulatory requirements for long-term storage and archival.

"The exponential growth of data is being fed in part by the massive volume of email that needs to be indexed and archived," said Nigel Dessau, Senior Vice President of Storage Marketing and Business Operations, Sun Microsystems. "Leveraging the power of our Solaris-based servers with OpenText's Livelink ECM more than satisfies the email monitoring and scalability requirements of even the world's largest enterprises."

Open Text's Email Management Solutions

Open Text offers a broad suite of email management solutions -- everything from basic archiving to more sophisticated capabilities for managing email as corporate records and for e-discovery requirements across the entire chain of email communication in an organization. Open Text offers solutions for structured retention and disposition management of all email, allowing customers to decide how long emails are kept before they are automatically destroyed. Automatic classification capabilities can extract relevant metadata from email content (such as importance flags, author or dates) and apply the appropriate classification tags and retention lifecycle policies.

For more information on Open Text's email management solutions, go to <http://www.opentext.com/2/sol-products/sol-pro-email.htm>.

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OneSpin Solutions Delivers Next-Generation Equivalence Checker for Advanced FPGA Design Verification

12 February 2007

[OneSpin Solutions GmbH](#), an electronic design automation (EDA) company that provides breakthrough formal verification solutions, announced its next-generation 360 EC-FPGA equivalence checking solution. It is the industry's first equivalence checker to support all sequential optimizations performed by FPGA synthesis tools on large designs, enabling designers to meet functional, performance and cost targets, with minimal manual intervention. It is ideal for both prototyping and production-part verification.

The new 360 EC-FPGA enhances OneSpin's established 360 EC ASIC equivalence checker with innovative FPGA verification capability. It thoroughly proves, without simulation, that design functionality is maintained through all implementation phases of FPGA and ASIC design.

Unlike other established equivalence checkers, synthesis-tool-independent 360 EC-FPGA allows FPGA designers to leverage the optimizations afforded by FPGA synthesis tools and to verify the design "as is," without having to switch off optimizations and undertake extensive manual scripting. In particular, it verifies whole-chip flat netlists, enabling the most aggressive optimizations. It works with established FPGA synthesis tools and flows without any change to the flow, delivering industry-leading ease of use. Moreover, the solution does not require the "side files" generated by the synthesis tool, which often are not even validated by equivalence checkers.

According to Peter Feist, president and CEO of OneSpin, "Our customers tell us their ability to use the 360 EC-FPGA means they don't have to trade-off quality vs. productivity. Our new push-button approach accelerates hardware delivery and software development, speeding overall time to market."

The 360 EC-FPGA solution verifies functional equivalence between the register transfer level (RTL) code and the post-synthesis FPGA netlist, as well as between the post-synthesis netlist and the post-place-and-route FPGA netlist. The new equivalence checker supports all major FPGA families from

Altera and Xilinx, including netlists generated by the ubiquitous Synplicity® Synplify Pro® and the Altera® Quartus® II synthesis flows.

"OneSpin's 360 EC-FPGA shows deep understanding of the sophisticated optimizations performed by Synplicity's FPGA synthesis tools," said Andy Haines, Synplicity's Senior VP of Worldwide Marketing, "bringing extra productivity to our mutual customers."

Majid Ghameshlu, Senior Project Manager Chip Design at Siemens CES added, "360 EC-FPGA secures our FPGA prototyping flow from bugs that might be introduced during synthesis and optimization steps. Its extensive support for sequential optimizations allows us to use more sophisticated synthesis optimizations, resulting in a faster implementation and in better device utilization. 360 EC-FPGA has proven very useful in shortening our debugging cycle."

The 360 EC-FPGA solution also can be deployed with OneSpin's 360 Module Verifier (360 MV) to deliver error-free FPGA-based intellectual property from RTL to FPGA device. The 360 MV static formal verification solution ensures error-free IP, while 360 EC-FPGA preserves this quality through subsequent design phases.

Pricing and Availability

The 360 EC-FPGA solution - featuring FPGA equivalence checking for Synplicity's Synplify Pro and Altera's Quartus II FPGA synthesis tools as well as ASIC equivalence checking - is available now. A license is priced at U.S. \$ 137,500.

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Open Text to Deliver Regulated Documents Solution on the Microsoft Office SharePoint Server 2007 Platform

13 February 2007

Open Text™ Corporation said it will introduce a new solution for life sciences companies that manages regulated documents on proposed new drugs or medical devices in a controlled environment built on the 2007 Microsoft Office system. The solution, which will be available in March, lets users work in their familiar Microsoft Office environment, while delivering compliance with U.S. Food and Drug Administration (FDA) regulations.

Open Text announced the news today in conjunction with its Summit 2007 user conference underway this week in Huntington Beach, California.

With Open Text Regulated Documents for Microsoft Office SharePoint Server 2007, companies will be able to use 2007 Microsoft Office applications to manage, author, review and approve content in a controlled environment that is compliant with specific FDA guidelines, such as its 21 CFR Part 11 regulations. The new solution builds on Open Text's experience from its successful Livelink ECM -

CIMdata PLM Industry Summary

Regulated Documents solution, first introduced to life sciences companies in 2002, and extends Open Text's extensive and well-proven life sciences domain knowledge to a new ECM platform.

"Open Text's new solution takes full advantage of the new features in the 2007 Office system, including Microsoft Office SharePoint Server 2007, to increase the effectiveness of users in highly regulated environments," said Steve Shihadeh, General Manager of Healthcare and Life Sciences at Microsoft Corp. "Because this solution taps Open Text's extensive pharmaceutical and life sciences expertise, it will offer companies using SharePoint Server 2007 immediate productivity benefits by working in a system that is already FDA-compliant, while also stepping up to meet enterprise-wide scalability."

Compared to traditional, standalone regulated document applications, the new solution takes advantage of the collaboration features in Microsoft Office SharePoint Server 2007, such as the document information panel, Windows Workflow Foundation, InfoPath Forms and content management capabilities, to significantly improve the end-user experience and enhance productivity.

For example, the solution uses metadata information supplied by the user (such as document owner or date created) to automatically update appropriate content inside a document, and then uses that metadata for ongoing records management and archiving. Microsoft content types are used to classify documents and related workflows so that the processes most appropriate for each type of document can be easily and consistently followed. All user activities take place in the well-known Microsoft Office environment, making it easy for users to adopt this new solution as part of their daily work.

"By building this solution on the 2007 Microsoft Office system, we were able to hide the heavy lifting in managing the complicated workflows and review processes for regulated documents, resulting in a superior user experience," said Brett Shellhammer, Senior Vice President of Business Solutions for Open Text.

"We see our Regulated Documents for Microsoft Office SharePoint Server 2007 not as a standalone solution, but as offering an approach suitable for many companies and organizations within and outside of the FDA's sphere of influence," Shellhammer added. "As Microsoft points out in its white paper 'Enterprise Content Management in Regulated Industries,' (<http://www.microsoft.com/industry/healthcare/lifesciences/businessvalue/whitepaper/ecm.mspx>) the challenge of working with Regulated Documents goes beyond the life sciences industry. Our new Regulated Documents solution provides a platform for creating compliant applications."

The introduction of Open Text Regulated Documents for Microsoft Office SharePoint Server 2007 is a continuation of Open Text's strategic direction to build solutions based on ECM infrastructure technology provided by major platform providers, such as Microsoft. Over the coming year, Open Text will deliver additional solutions based on Microsoft Office SharePoint Server 2007 for the pharmaceutical and life sciences industry, while also building solutions for other industries, such as energy that are also required to manage the document lifecycle process.

Open Text Regulated Documents for Microsoft Office SharePoint Server 2007 will be available in March of 2007. For more information on the full range of Open Text pharmaceutical and life sciences solutions

go to: <http://www.opentext.com/2/sol-industry/sol-ind-pharma.htm>. For more information on the Summit 2007 Conference, go to <http://events.hummingbird.com/summit/2007/index.html>.

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PTC Launches Mathcad® 14.0; Latest Release Extends Support to 9 Languages and Improves Calculation Power and Clarity

12 February 2007

PTC announced Mathcad 14.0, the latest release of PTC's engineering calculation software. Since its acquisition of Mathsoft in April 2006, PTC has focused on making the broad capabilities of the Mathcad technology more widely available to customers operating across geographic boundaries. Mathcad 14.0 expands the ability of PTC's customers to solve pressing engineering calculation needs and improves the associated documentation of these calculations throughout the product development process.

Engineering calculations are critical to the process of designing and developing products, which today is often a globally distributed process. With Mathcad 14.0, PTC now provides full Unicode support and will soon offer the product in nine languages. New languages will include Italian, Spanish, Korean, and both Traditional and Simplified Chinese. Expanded language support in Mathcad 14.0 will enable geographically dispersed teams to solve and document calculations in their local language which ultimately improves efficiencies by increasing speed and accuracy as well as reducing potential errors that may occur from language translation.

Mathcad 14.0 also delivers improved calculation power and clarity through new worksheet analysis functions, inline numeric evaluation enhancements, and enhanced symbolics. This will help users to derive formulas, demonstrate process and document engineering reasoning. Finally, specific enhancements to the Mathcad 14.0 mathematic solvers will allow users to solve and document a broader range of engineering design problems.

“As a long-time user of Mathcad software, SkyCross is particularly pleased with the additional capabilities delivered with Mathcad 14.0,” said Dr. Chris Morton, CEO, SkyCross. “The additional language support and continued integration with Pro/ENGINEER® will enable us to easily extend this software into our product design processes. We look forward to continue working with PTC as it delivers the technology we require to optimize our product development systems.”

Highlights of the enhancements in Mathcad 14.0 include:

- Support for nine languages that include English, French, German, Italian, Japanese, Korean, Spanish, Traditional and Simplified Chinese
- Full Unicode support enables usage of all multilingual characters including Asian, Cyrillic, Hebrew, Arabic and Greek throughout the application

- New ODE solvers including a state space solver and support for the Adams-Bashforth ODE method for more trouble-free, higher precision answers
- Improved calculation clarity by viewing definition and result in a single statement
- Enhanced plot formatting capabilities that include new tab to customize 2-D plot axes, support for negative radii on polar plots
- Enhanced documentation quality with a new math font to improve display of math expressions and operators
- Continued integration with Pro/ENGINEER
- Increased technical support with access to PTC's global 24 x 7 technical phone support and online web tools for maintenance customers

The integration between Mathcad and Pro/ENGINEER is a bi-directional link between the two applications. Users of these solutions can associate any Mathcad file with a Pro/ENGINEER part or assembly using the analysis feature in Pro/ENGINEER. Critical values calculated in Mathcad can be mapped to parameters and dimensions in the CAD model to drive the geometric design. Parameters from a Pro/ENGINEER model can also be input into Mathcad for downstream engineering design calculations. The integration offers dynamic updates to calculations and the CAD drawing when parameters are changed. Additionally, Mathcad-driven Pro/ENGINEER designs can now be validated using Pro/ENGINEER Mechanica® structural, thermal, fatigue and mechanism analysis solutions.

“Mathcad 14.0 reinforces our commitment to develop products that enable organizations to optimize their product development processes,” said James Heppelmann, executive vice president and chief product officer, PTC. “With its multiple language support, additional engineering calculation capabilities and integration with Pro/ENGINEER, Mathcad 14.0 allows organizations with geographically dispersed engineers to leverage critical engineering calculations that drive product design models and standardize best practices.”

Mathcad 14.0 Availability

Mathcad 14.0 is currently available in English. All additional language versions are expected later in February 2007. The timing of any product release, including any features or functionality, is subject to change at PTC's discretion. For more information on how to obtain Mathcad 14.0, please visit the Mathcad product pages on <http://www.ptc.com>.

Single users may purchase Mathcad from the PTC Web Store at <http://store.ptc.com/us>.

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Seemage and Auto-trol Deliver Comprehensive Solution for Technical Illustration

14 February 2007

Seemage, Inc. (<http://www.seemage.com/>) and Auto-trol Technology Corporation (<http://www.auto-trol.com/>) announced a comprehensive worldwide technology and distribution agreement. Working together, the two companies will offer the technical illustration marketplace the world's most open, secure and enduring solution for both 2D illustration and interactive production of rich deliverables created from 3D design data. Seamless integration of Seemage™ and Tech Illustrator™ makes it possible for users to switch effortlessly from 3D to 2D without having to adopt closed, proprietary file formats. In addition, these technologies can be quickly and easily deployed without the costs and delays associated with product lifecycle management (PLM) enterprise infrastructures. Auto-trol will market, sell and support the combined offering worldwide.

“The partnership we are announcing today between Seemage and Auto-trol combines two leadership products that together make it possible to achieve levels of accuracy, compatibility and productivity in technical illustration that was not previously possible,” said Chris Williams, CEO, Seemage, Inc. “Existing Auto-trol customers including Airbus, General Motors, Ford and Rolls Royce can now have easier and faster ways of reusing their 3D design data in the creation of technical documentation.”

Seemage is revolutionizing manufacturing, service, technical illustration, maintenance and support with its “product information everywhere” technology. Based on open XML standards, Seemage imports a complete digital product definition into Seemage’s easy-to-use content creation and management applications. Using Seemage, end users across the enterprise can reuse original 3D design information combined with critical data like bills-of-material (BOMs) from enterprise resource planning (ERP) systems to create a broad range of product deliverables. Rich deliverables can include animations, technical illustrations, marketing materials and service and support documentation. Seemage’s open XML technology provides seamless integration into existing customer processes and enterprise applications. Seemage can be easily incorporated into standard desktop environments to enhance end-user productivity. Further, because Seemage is XML-based, it can be fully integrated with any enterprise system. Seemage-authored content is always fully associative to any change in the digital product definition, ensuring users have the latest product information automatically.

Auto-trol’s Electronic Publishing product Tech Illustrator (TI) enables compliance with important 2D commercial and governmental standards like S1000D, ATA iSPEC 2200 and WebCGM 2.0. TI provides access to a wide variety of import methods from legacy hardcopy and electronic archives and combines powerful drawing, editing and annotation tools. A comprehensive command and macro language along with API development tools provides the flexibility to automate and integrate existing customer processes. Auto-trol implements open standards by offering a wide range of high quality import and export capabilities to give its customers freedom from vendor proprietary solutions and keep their data and knowledge for the future.

“We are very excited to partner with Seemage,” said Wolfgang Scholz, Director of European Organization, Auto-trol Technology GmbH. “Our customers are looking for the right way to integrate production of 2D and 3D deliverables to maximize productivity while avoiding vendor lock-in. Tech

Illustrator and Seemage together address the problem completely and are the obvious choice for customers concerned about the future of competitive technical illustration products.”

Integrating Seemage and Tech Illustrator unites the very best of two worlds: 2D and 3D. Users may now simply choose the right functionality for the required deliverable and the integration between Seemage and Tech Illustrator will ensure openness and compatibility with the widest range of other systems while producing high-quality illustrations quickly and easily. Seemage and Tech Illustrator are available today from Auto-trol in the USA and Europe. Auto-trol will service and support customer implementations to ensure customers achieve the full benefits of both technologies.

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Sequence Columbus-AMS Adds Statistically Accurate PVT Corners, Superior Rail Analysis

13 February 2007

[Sequence Design](#) announced statistically accurate PVT corner extraction, along with new features to enable a best-of-breed flow for extracting and analyzing power rails in full-custom blocks using Columbus-AMS.

Columbus-AMS now combines Statistically Accurate Interconnect Corners (SAC) with temperature effects for analyzing PVT variations in 65nm designs. Columbus-AMS with SAC cuts over-design by eliminating pessimism. Users can specify temperature for each corner, producing combined PVT corners that work with existing STAs, instead of requiring a complex transition to statistical STA tools. Columbus extracts multiple PVT points in one run, speeding turnaround while insuring identical parasitic topology for all points.

Columbus Fast Rail Extraction models power rails in full-custom blocks. Working with Calibre-LVS, it extracts the rails in typical blocks in minutes with accurate resistance values and electromigration annotation, including for 45-degree lines. Columbus then combines rail parasitics, signal-net parasitics, and the layout netlist to create a complete DSPF for HSIM-PWRA or other analysis tools. Speedview-AMS now accepts HSIM resistance data, as well as voltage-drop and EM data. This combination of Calibre-LVS, Columbus Fast Rail Extraction, Columbus-AMS, HSIM, and Speedview-AMS gives the most complete, efficient, graphical analysis of rails available.

The Columbus extraction product family is part of Sequence’s high-performance, low-power design lineup: PowerTheater, CoolPower, CoolCheck, and CoolTime. Columbus-AMS is both a foundation for the company’s RTL-to-silicon, power-aware design tools for SoCs and the industry’s leading RLC parasitic extraction tool for high-performance digital and analog/mixed-signal designs. Sequence customers have taped out over 200 successful, high-performance designs using Columbus-AMS extraction.

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SoftInWay Introduces FEA-Opt Technology as Taiwanese Distributor

16 February 2007

[SoftInWay](#) announced that it has broadened the company's Asian sales network by completing an agreement with FEA-Opt Technology to provide distribution of its AxSTREAM™ Suite of Multidisciplinary Design Optimization software to the Taiwanese turbomachinery industry.

FEA Opt Technology (<http://www.fea-optimization.com/>) provides high-technology solutions like Numerical Design Optimization, multi-physics CAE consultancy, CAE system integration and customization to the industrial and scientific customer bases within Taiwan. "Most of our personnel come from Taiwanese turbomachinery companies and are recognized CAE experts locally" said Dr. Shen-Yeh Chen, President of FEA Opt Technology and who is currently a consultant to several research institutes and corporations in Taiwan. "With AxSTREAM in our product line, FEA-Opt Technology can really provide total solutions to turbomachinery customers now."

"We are very pleased to be establishing a partnership with such an experienced CFD/CAE solutions provider as FEA Opt Technology," stated Dr. Leonid Moroz, President of SoftInWay. "Their past success in supporting clients in the industrial, aerospace and automotive industries in Taiwan will prove to be a great strength in establishing our design optimization software in these markets."

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Synopsys' Designware IP for PCI Express Supports NXP Semiconductors' PXPIPE PHY Interface

14 February 2007

[Synopsys, Inc.](#) announced that its DesignWare® intellectual property (IP) for PCI Express* supports the PXPIPE PHY interface standard from NXP, the independent semiconductor company founded by Philips. Designers using the DesignWare IP for PCI Express in their System-on-Chip (SoC) designs with an external PHY now have an option to choose a proven, version 1.1-compliant solution based on either the PIPE PHY interface or NXP PXPIPE PHY interface standard. Using an external PHY chip such as the NXP PX1011A provides designers an alternative PHY solution for ASIC prototyping and ASIC/FPGA-based products.

Synopsys' complete portfolio of DesignWare IP for PCI Express, including Endpoint, Root Complex, Switch, Bridge and Dual Mode Cores support the NXP PXPIPE PHY interface standard. To help assure seamless interoperability, Synopsys and NXP have performed interoperability testing between the DesignWare IP for PCI Express and the NXP PX1011A PHY solution. The combined solution also passed the PCI-SIG* v1.1 compliance testing in December 2006 providing a proven, compliant and low-risk implementation for chip developers.

"Several customers have come to us jointly and requested the combined DesignWare IP for PCI Express and NXP PX1011A PHY solution. Our collaboration with Synopsys assures designers that they are using PCI Express products that have been proven to work together and are fully PCI Express version 1.1-compliant," said Dhvani Vyas, general manager, interface product line, NXP Semiconductors. "This allows our mutual customers to concentrate on the value-added portions of their design with the

knowledge that their PCI Express controller and PHY will integrate smoothly while being completely compliant with the PCI Express standard."

"Having semiconductor and IP providers like Synopsys and NXP work together to deliver PCI Express solutions helps engineers to adopt the PCIe architecture and further deploy the technology into the industry," said Al Yanes, PCI-SIG chairman. "By participating in the PCIe compliance testing for version 1.1, both companies are demonstrating active roles in the PCIe ecosystem."

"As a leading IP provider, we take an active role in driving the adoption of standards like PCI Express and promoting interoperability efforts," said John Koeter, senior director of marketing, Synopsys Solutions Group. "Synopsys' DesignWare IP for PCI Express provides a complete solution for adding PCI Express IP to today's complex SoCs and has been listed on the PCI-SIG Integrator's list since August 2004. Our customers depend on our commitment to third-party interoperability and compliance testing to reduce risk and shorten time to market."

Availability

The DesignWare IP and NXP's PX1011A PHY are available now.

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Synopsys IP for PCI Express 2.0 (GEN II) Passes PCI-SIG Compliance

14 February 2007

[Synopsys, Inc.](#) announced that its DesignWare® PHY and digital controller intellectual property (IP) for PCI Express™ 2.0 (Gen II) is the first complete Gen II IP solution from a single vendor to pass the latest compliance testing at the PCI-Special Interest Group (PCI-SIG) workshop. Compliance helps ensure interoperability while minimizing risk and reducing time to market for designers using complex, high-performance PCI Express interfaces. Designers depend on the market-leading DesignWare PHY, digital cores and verification IP to provide a complete, silicon-proven solution for incorporating PCI Express connectivity into system-on-chip (SoC) designs.

The DesignWare digital controller IP for PCI Express 2.0 is fully compliant with the recently released PCI Express 2.0 specification and has successfully passed the latest PCI Express compliance testing at the PCI-SIG interoperability workshop held in the United States in December 2006. The DesignWare digital controllers for PCI Express 2.0 support the 2.5 and new 5.0 gigabits per second data rates of the PCI Express 2.0 specification and provide a complete portfolio of IP for the design of Endpoint, Root Complex, Switch and Bridge applications. Designers of SoCs using AMBA® 3 AXI™ and AMBA AHB™ on-chip interconnect can easily add PCI Express 2.0 functionality to their designs by using the DesignWare Bridge for PCI Express to AMBA 3 AXI or DesignWare Bridge for PCI Express to AMBA AHB IP.

"Designers expect Synopsys, as the leader in PCI Express IP, to aggressively implement the industry's PCI Express roadmap and to test our IP at compliance workshops as early as possible," said John Koeter, senior director of marketing, Synopsys Solutions Group. "We have been providing PCI Express 2.0 support to our customers since the 0.3 version of the Gen II specification. This has not only allowed our customers' design teams to begin early Gen II development, but has also enabled the DesignWare® PHY for PCI Express and digital controller (IP) for PCI Express 2.0 to pass the latest compliance tests on the first attempt."

At the December 2006 PCI-SIG v1.1 compliance workshop, Synopsys also tested DesignWare PHY IP, implemented in multiple foundry process nodes from TSMC and SMIC. The DesignWare PHY IP is fully compliant with the PCI Express specification and the PIPE interface standard. It offers superior performance, area, power and testability. DesignWare PHYs substantially exceed the PCI Express electrical specifications in such key performance areas as jitter margin and receive sensitivity while containing advanced on-die diagnostics, including an on-die oscilloscope.

The DesignWare Verification IP (VIP) Suite for PCI Express supports the directed and random methodologies defined in the Verification Methodology Manual (VMM) for SystemVerilog. The DesignWare VIP Suite for PCI Express is available as a standalone product, as well as being included in the DesignWare Library and VCS Verification Library. The DesignWare VIP is also included with the DesignWare digital controller for PCI Express 2.0, enabling designers to test the integration of the DesignWare digital controller IP in their SoC designs.

PCI-SIG released the PCI Express Base 2.0 specification in January, 2007. Synopsys' DesignWare digital controller IP for PCI Express for 2.0 conforms to this specification and is included in the PCI-SIG Integrators List, having demonstrated compliance to the version 1.1 specification, the most advanced compliance workshop offered by the PCI-SIG.

Availability

The DesignWare digital controller (Endpoint, Root Complex, Dual Mode, Switch and Bridge) for PCI Express 2.0 is available now. The DesignWare PHY IP for PCI Express is available today in lane widths from x1 to x16 and in multiple process nodes from leading foundries including: TSMC, SMIC, IBM, and Chartered. The DesignWare VIP Suite for PCI Express is available now.

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Synplicity Offers a Complete Design Solution for Xilinx High-Performance Virtex-5 SXT DSP Platform

14 February 2007

Synplicity, Inc. announced its synthesis software and true DSP synthesis software solutions provide immediate and comprehensive design support for Xilinx Virtex-5 SXT FPGAs - the latest member of its 65nm Virtex-5 FPGA family optimized for high-performance Digital Signal Processing (DSP).

The combination of Synplicity's Synplify Pro® logic synthesis and Synplify® DSP synthesis software offers designers using the Xilinx Virtex-5 SXT devices superior quality of results and exceptional productivity for DSP-oriented designs. Synplicity's ability to provide optimized tools for the newest members of Xilinx Virtex-5 FPGA family demonstrates the close working relationship between the two companies and the success of the on-going Ultra-High Capacity Task Force whose purpose is to develop incremental design flows that maximize the quality of results and design productivity in next-generation FPGA designs.

“The collaboration between Synplicity and Xilinx has a strong track record of delivering best-in-class solutions for our newest FPGA device families,” said Steve Douglass, vice president of Product Development for the Advanced Products Group at Xilinx. “The Ultra High-Capacity Timing Closure Task Force between the two companies has resulted in a high quality synthesis engine from Synplicity that is optimized to fully deliver the performance, cost and flexibility advantages of the 65nm Virtex-5 FPGA family.”

Synplicity's solutions provide an advanced and efficient flow within the Virtex-5 SXT FPGA design environment, enabling customers to take advantage of the DSP-rich capabilities built into these devices. The Synplify Pro tool brings a timing-driven synthesis approach to Virtex-5 SXT devices, delivering best-in-class performance and area optimization. The Synplify Pro software's automatic memory extraction and inferencing capabilities will also benefit Virtex-5 SXT FPGA customers by enabling them to take advantage of the device's industry-leading memory-to-logic ratio.

In addition to logic synthesis support, Synplicity delivers a high productivity flow from DSP algorithm to RTL implementation on the Virtex-5 SXT DSP platform FPGA with the Synplify DSP software. The Synplify DSP software's true DSP synthesis capability automatically creates optimized RTL implementations of DSP functions, using either the advanced IP blockset in Synplify DSP or through integration with the Xilinx System Generator. The software offers several IP blocks that make design capture faster and much more concise for developers working with WiMAX, Wi-Fi and other OFDM-based wireless standards. The Synplify DSP software also provides automated features such as folding, multi-channelization, polyphase decomposition and system-level retiming that enable customers to effectively reduce area and improve timing performance within their device.

“Xilinx's Virtex-5 SXT FPGAs feature some of the most advanced DSP functions and are a clear indicator of the tremendous growth we are seeing within the DSP market,” said Andy Haines, senior vice president of marketing at Synplicity. “Our synthesis flow works seamlessly within the Virtex-5 design environment and allows customers to take full advantage of the advanced DSP capabilities these devices offer. Our partnership with Xilinx represents a win-win for Synplicity, Xilinx and our mutual customers and we look forward to continuing to work with Xilinx through our Ultra High-Capacity Task Force to solve some of today's most complex FPGA design issues, while also working closely to develop complete and efficient design flows.”

Availability

The Synplify DSP and Synplify Pro software, offering support for Virtex-5 SXT devices, is available now. Contact your local [Synplicity](#) sales representative for more information.

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Tacton Systems and Animech Technologies Launch TCdim3nsion for 3D Product Configuration

12 February 2007

Tacton Systems and Animech Technologies are deepening their cooperation within 3D product configuration and are now launching TCdim3nsion™ (Tacton Configurator Dimension), an add-on to the Tacton Configurator. The product, which has been developed by Animech, will be patented and sold by Tacton Systems with technical support from Animech.

TCdim3nsion™ is a further development of the earlier 3D software aniPart, now fully configured to work as a standard solution in the Tacton Configurator. With this solution, a sales representative can visually configure 3D drawings and product-specific flow charts in front of the customer. A complete and exact list of components is created automatically and integrated with the company's PDM and ERP systems. This can save months of time for the sales specialist when it comes to defining the specified product, and reduces the time for the manufactured product to reach the customer.

"Together with Tacton, Animech can now offer a unique solution for visual configuration of complex products," says Björn Berg, General Manager for Animech technologies. "This deal confirms the cooperation that has grown over the past few years through successful customer projects."

The solution is used today by a range of customers including GE Healthcare, who confirm that the tool has given them a head start in the market ahead of the competition, while considerably reducing costs and project times.

"This fits perfectly into our strategy for the Tacton Configurator; a powerful all-in-one solution for both 3D visualization and 3D configuration," says Christer Wallberg, Managing Director for Tacton Systems. "The cooperation with Animech makes it possible to deliver customer satisfaction across the board where valuable 3D CAD data is used to support the sales process."

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Technia and Eurostep Announce Partnership in PLCS and PLM System Integration

15 February 2007

Technia and Eurostep have entered into a partnership to provide solutions based on Eurostep's Share-A-space™ and PLCS, the ISO standard for product life cycle support.

By combining the strengths of the two companies, the partnership will further enhance the two organizations' capabilities in delivering collaborative life cycle engineering solutions. These solutions

will be based on Share-A-space™ from Eurostep and implementation knowledge from Technia. Market segments targeted are the Telecom, Aerospace and Defence, Automotive and Offshore industries.

“Eurostep is very pleased to announce this partnership” - says Håkan Kårdén, CEO Eurostep Group. “Technia has great knowledge and a highly regarded reputation in the field of PLM. They will add valuable resources to our Share-A-space™ business. PLCS is continuously gaining acceptance as a foundation for business critical solutions. Having Technia as a partner will provide our Share-A-space™ customers with access to valuable competence for the important implementation work”, ends Håkan Kårdén.

“–Eurostep and Technia have been working side by side at many customers in the Nordic countries. We regard this as a logical step to provide more value to our common customers. The basis for the partnership is the increased demand from PLM customers to integrate acquisitions, suppliers and customers through standards like STEP and PLCS. The partnership will allow Technia to improve our in-service and aftersales application offerings. We believe that Eurostep’s software solution Share-A-space™ nicely complements our main ENOVIA MatrixOne and SmarTeam offerings”, says Staffan Hanstorp, CEO, Technia.

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Telelogic Announces Automated Model-Based Testing Solution Utilizing the UML 2.0 Testing Profile

12 February 2007

[Telelogic](#) announced an automated model-based testing solution for the embedded/real-time market that fully supports the Unified Modeling Language™ (UML®) 2.0 testing profile.

The new offering, which is a key component of the company’s Design for Testability initiative, includes the latest releases of Telelogic Rhapsody® ATG and Rhapsody TestConductor™ products. These products improve test productivity, product quality and competitiveness, while reducing test and development costs by delivering the benefits of graphical modeling and automation associated with Model-Driven Development™ (MDD™) into the testing domain. They also provide a migration path from traditional code-based test development to model-based testing, and offer a new graphical test development approach that works seamlessly with the Rhapsody MDD environment.

“Design for Testability is an initiative that moves testing from its traditional place as the last step in the development process to much earlier in the design phase. This enables developers to uncover errors sooner, when they are less costly to fix,” said Ingemar Ljungdahl, Chief Technology Officer, Telelogic. “With the introduction of the latest version of Rhapsody ATG and TestConductor, developers can now create test cases quickly and can match the productivity gains made by developers and engineers working in a Rhapsody Model Driven Development environment. This approach can simplify testing even the most complex designs.”

The new Rhapsody test solutions offer developers powerful benefits:

- Users can meet the challenges presented by increased design complexity by graphically modeling test cases, thus leveraging the power of abstraction provided by models.
- Users can increase their efficiency and flexibility by automatically generating the test harness and test cases, previously a time-consuming and error-prone process.
- Users can use the UML 2.0 testing profile to integrate the entire design and test process seamlessly into one cohesive MDD environment, improving configuration management and change propagation.

Rhapsody ATG and TestConductor are available now.

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Telelogic Releases Rhapsody OSEK Integration, the First UML 2.0/SysML-Based Modeling Environment to Produce OSEK Targeted Code

13 February 2007

[Telelogic](#) has expanded its partner ecosystem by forming a strategic alliance with Willert Software Tools GmbH. Through this partnership Telelogic Rhapsody® will provide the first Model-Driven Development™ (MDD™) environment for automotive software development that complies with Open Systems and Corresponding Interfaces for Automotive Electronic (OSEK) and is based on the Unified Modeling Language™ (UML®) 2.0 and SysML.

For the first time, automotive software application developers will be able to design, test, and validate embedded software in a UML 2.0/SysML-based MDD environment. Developers will be able to seamlessly deploy the code to a target Embedded Control Unit (ECU) running OSEK, the dominant standard for automotive software and electronics. OSEK, created by industry partners BMW, Bosch, DaimlerChrysler, Opel, Siemens, PSA, Renault and VW, was developed to enable software reuse, solve control unit incompatibility, and to reduce engineering costs.

“Telelogic Rhapsody provides a critical set of capabilities to developers working in the OSEK domain,” said Andreas Willert, President, Willert Software Tools GmbH. “Willert Software Tools is proud to partner with Telelogic to create this solution and add value to our customer’s experience with OSEK-compliant adaptors specifically customized for different combinations of OSEK, microcontroller, and compiler. Additionally, our training and consulting services can help users get up to speed quickly while getting the most out of their software solutions. What’s more, this partnership has already produced a proven solution, with the Rhapsody and Willert OSEK adaptation now modified for a major automotive OEM manufacturer.”

“This alliance demonstrates our commitment to building strong relationships with key technology partners, such as Willert Software Tools. Willert Software Tools are experts in creating efficient code targeted for the resource-constrained environments found in automotive ECUs,” said Raz Yerushalmi, Vice President, Development Systems and Automotive Applications, Telelogic. “The ability to efficiently generate code from Rhapsody targeted to the OSEK-compliant real-time operating system (RTOS) will allow automotive engineers to further leverage the benefits of using the Telelogic solutions for UML 2.0/SysML-based MDD. These benefits include improved communication via standard models, reduced errors through simulation and model-based testing, and time savings offered by code generation.”

The Telelogic and Willert OSEK solution enables software developers to use the Rhapsody MDD environment for software development, design, analysis, and C code generation. The solution includes a real-time execution framework that enables the generated code to target an OSEK-compliant RTOS. Additionally, the Rhapsody OSEK integration supports the OSEK Implementation Language file, or OIL file, providing a seamless integration into OSEK-compliant software solution chains. In circumstances where software developers need to connect a software solution chain consisting of the microcontroller, the compiler, and the OSEK implementation, Willert can tailor the integration for any combination of these three elements. By optimizing the OSEK adaptor, generated code and OIL file, Willert provides an efficient integration for small target implementations on microcontrollers.

Developed for embedded automotive applications, the Telelogic Rhapsody OSEK integration is available now.

About Willert Software Tools GmbH

Andreas Willert founded Willert Software Tools GmbH in 1992 with a core business strategy to equip customers with complete software development environments created to solve their most demanding engineering challenges. This philosophy goes beyond simply supplying software development tools: the Willert company also imparts the necessary "Know How", experience and expertise to closely assist customers in the successful deployment and use of their software development environments. From the start, Willert has been specialized in embedded software development for smaller systems that mainly use 16 bit microcontrollers (especially of the Infineon C167/XC167 family). Willert Software Tool's mission is to provide a combination of cutting edge technology backed with by industry experience to solve their customer's software challenges.

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Theorem Launches High Capability Process Manager Application

14 February 2007

Theorem Solutions announces the immediate availability of TPM (Theorem Process Manager), a new application designed to save time and money through the automation, control and management of computing processes.

The new software is not only applicable to customers operating in Theorem's traditional design and manufacturing market, but also provides major benefits to IT and data processing users across a wide range of industry sectors.

TPM enables complex batch operations to be initiated by a simple 'drag and drop' action that can execute programs, evaluate results and both collect or distribute files. It is ideal for running and scheduling a variety of processes and can be easily configured to apply pre-determined actions based on the outcome of each program.

Results at various process stages are evaluated and automatically compared to user-defined rules. Depending on the conditions found, TPM will respond with appropriate actions - perhaps by branching to other processes, or even instigating entirely new processes. This 'intelligent process branching' substantially reduces - and in some cases may entirely eliminate - the need for external operator intervention. Accordingly, TPM enables complex sequences to continue to run without input and will unfailingly apply the correct company-approved procedures to the processes.

TPM also handles unexpected results such as program failures, the disruption of batch processes and resource overloads, all in accordance with pre-defined rules. As a result, processes are much more likely to run successfully to completion regardless of the problems encountered.

Theorem's General Manager Keith Jeacock said: "In addition to delivering precise process control and management, TPM can provide fully detailed audit trails of 'what happened when'. This data can be automatically drawn into word processing or spreadsheet applications and displayed as charts, graphs or tables. Dependable audit trails are frequently very valuable when areas for cost savings are being sought within an organisation. Furthermore, they are becoming more and more important in today's litigation-conscious business environment. TPM enables users to save time and money and, in some cases, a lot more!"

He added: "TPM is an exciting new product, with applications across the complete data processing spectrum. It complements Theorem's industry-leading CADverter data translators and will be sold alongside our other software solution ranges."

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2007 CoCreate OneSpace Suite Now Shipping

12 February 2007

CoCreate Software, Inc. announced the availability of the 2007 CoCreate OneSpace Suite.

Speed, flexibility and responsiveness to change are characteristics of a Dynamic Modeling based approach to 3D product development. CoCreate's 2007 release builds around this core, growing the company's leadership position as the world's #1 provider of Dynamic Modeling based software for 3D product development.

CIMdata PLM Industry Summary

And with the 2007 release, CoCreate continues to grow its leadership position in the CAD/PLM industry, moving 3D beyond design, and into streamlining business processes with a 3rd generation approach to product lifecycle management (PLM).

The 2007 release also adds to the breadth of the CoCreate platform with new design modules, new partnerships, and new depth of capabilities. CoCreate's 2007 release delivers everything companies need for product development, including the ideal platform for lean product development.

CoCreate has taken major steps with the 2007 release to make its suite accessible to the small to mid-size business. Effective data management has been a challenge for all sizes of companies, and CoCreate OneSpace Model Manager's new 15 minute deployment brings complete relief from traditional data management headaches. CoCreate's unique combination of subscription and traditional licensing options deliver new levels of affordability, letting companies align budgets to their software demands.

As enterprises become more sophisticated and global in their business processes, CoCreate continues to give companies choice and flexibility in how they approach their PLM processes. OneSpace Model Manager can either serve as the system of record for product data, or share product data with other enterprise systems. The 2007 release moves this strategy forward with updated out-of-the-box integrations.

"In 2001 we decided on CoCreate OneSpace Modeling. This version is further confirmation that we made the right decision. In combination with OneSpace Model Manager, the new 2007 CoCreate OneSpace Suite is perfectly suited to support our PLM requirements," said Thomas Mayer, CAD Manager, STIWA Fertigungstechnik.

"Many of the world's most recognized brands in the high-tech electronics and machinery industries, such as Canon, Carl Zeiss Meditec, HP, Intermec, Molex, Liebherr, Agilent, Bystronic Laser AG, and Seiko Epson Corporation, are using the CoCreate platform to support their product development and lifecycle management processes," said William M. Gascoigne, CoCreate CEO. "Our 2007 release delivers the next generation of PLM today."

Companies interested in exploring the CoCreate platform can start now with the recently released OneSpace Modeling Personal Edition. This free personal version of CoCreate's professional 3D CAD product, is available at <http://www.cocreate.com/free> and enables companies to take the first steps towards realizing 3rd generation PLM.

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