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Acquisitions

Antitrust Authorities Approve Acquisition of UGS Corp. by Siemens

27 April 2007

Following standard antitrust investigations, the European Commission has approved unconditionally the acquisition of UGS Corp. by Siemens AG. As a result, the US software company can now be integrated as 'UGS PLM Software' division into the Siemens Automation and Drives (A&D) Group. Siemens expects to close the acquisition by early May. The US antitrust approval by the Federal Trade Commission was already issued in February 2007. The total purchase price agreed with the previous

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owner of UGS Corp., Bain Capital, Silver Lake Partners und Warburg Pincus, amounts to USD 3.5 billion including assumption of existing debt.

"The acquisition of UGS is a decisive step to provide our customers with integrated systems and solutions from a single source. We will create a unique, integrated company which combines all the technologies required to cover the entire value chain from development, production and sales to service", stated Helmut Gierse, President of Siemens A&D. "The positive feedback we have received from our customers throughout the acquisition process makes us confident that by integrating UGS technologies we will not only gain shares in the fast-growing market sector for PLM software, but we will also further expand our position as the worldwide leading industrial automation company."

The trend towards geographically distributed production facilities and globally networked production across company boundaries will continue increasingly. For those included in the value chain – product designers, machine builders and engineering companies, as well as suppliers, service providers and distributors – readily available information is the key to business success. With a global workforce of 7,300 and more than 46,000 customers UGS is a worldwide leader in PLM (Product Lifecycle Management) software and services. UGS' software portfolio covers the entire array of collaborative product data management, computer-aided design and digital manufacturing simulation ('Digital Factory'). In fiscal year 2006 the company posted sales of USD 1.22 billion.

In the course of the acquisition UGS will be integrated into the Siemens Automation and Drives Group as 'UGS PLM Software' division. From a company law point of view the company will be incorporated into Siemens Corp. with headquarters remaining in Plano, Texas. The international affiliates of UGS Corp. will be integrated into the existing Siemens regional companies step-by-step.

The Siemens Automation and Drives Group (A&D), Nuremberg, Germany, is a leading manufacturer in this field worldwide. Products supplied by A&D include standard products for the manufacturing and process industries and for the electrical installation industry as well as system solutions, for example for machine tools, and solutions for whole industries such as the automation of entire automobile factories or chemical plants. Supplementing this range of products and services, A&D also offers software for linking production and management (horizontal and vertical IT integration) and for optimizing production processes. A&D employs 70,600 people worldwide and in fiscal year 2006 (to September 30) earned a group profit of €1.572 billion on sales of €12.848 billion and orders of €14.108 billion, according to U.S. GAAP. Further information about A&D is available in the Internet at <http://www.siemens.com/automation>

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CIMdata News

Major NC Software Report to be Released by CIMdata

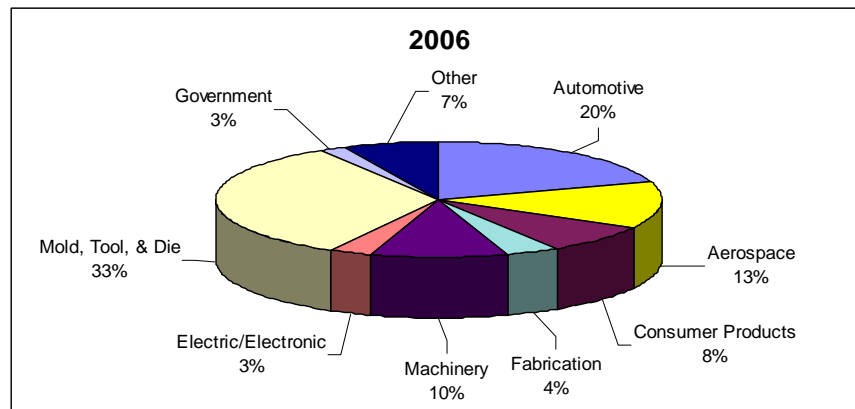
2 May 2007

CIMdata PLM Industry Summary

CIMdata consulting and research firm announced that the Advance Packet of Key Data from Version 16 of the NC Software and Services Market Assessment Report is now available and that the full report will soon be issued. This annual report contains 78 charts and tables and is approximately 200 pages in length. It presents a comprehensive assessment of the marketplace and extensive ranking of vendors providing NC software. The marketplace sections include:

- a discussion of the worldwide manufacturing environment.
- sizing of the NC software and services market.
- distribution of the market by nine factors such as geography and industry.
- a 64 page discussion of major industry trends and key technologies in manufacturing, machining, the NC software market and NC software.

The following chart presents the distribution of the NC software market by industry segment. It can be seen that the mold, tool, and die segment is clearly the largest segment as vendors received 33% of their revenues in 2006 from this segment. Other large industry segments were in automotive and aerospace, which generated 20% and 13% of worldwide NC software revenues, respectively.



Market Distribution by Industry

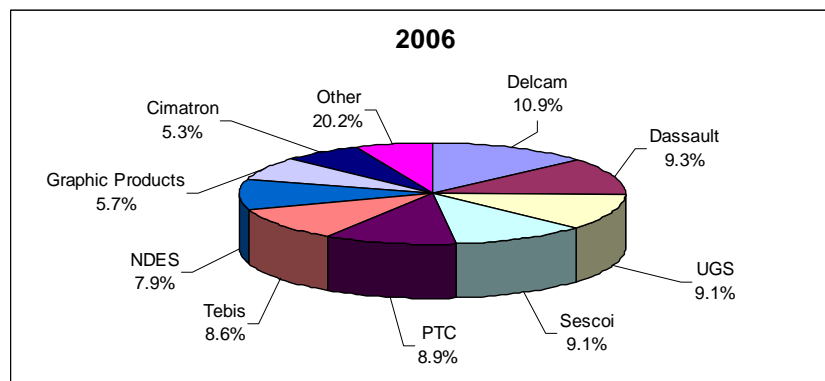
The Market Assessment Report also includes extensive comments on NC software vendors as well as the ranking of these vendors. There are approximately 60 pages of comments that relate to the capabilities and market positioning of each of the largest 20 NC software vendors. The vendor rankings include:

- ranking of vendors by vendor revenue and end user payments for 2006 and 2007.
- ranking of vendors within geographies and industries and by type of vendor.

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- ranking of vendors by seats shipped and installed for industrial and educational markets for 2006 and 2007.
- ranking of vendors by brand on the basis of seat counts and revenue received for 2006 and 2007.
- the most rapidly growing vendors for 2006 and 2007 on the basis of revenue received.
- ranking of vendors on the basis of head count in product development and total company.

The ranking of NC software vendors servicing the mold, tool, and die marketplace are shown in the following chart. It can be seen that there is no dominant vendor or small group of vendors that control the market. In 2006, Delcam had the worldwide largest market share with 10.9%, and they were followed by Dassault Systèmes with 9.3% and UGS with 9.1%.



2006 Market Share of Vendors in the Mold, Tool, and Die Market

The Advance Packet and the complete Version 16 of the NC Software and Services Market Assessment Report can be ordered by contacting CIMdata at 734-668-9922 or by emailing info@cimdata.com.

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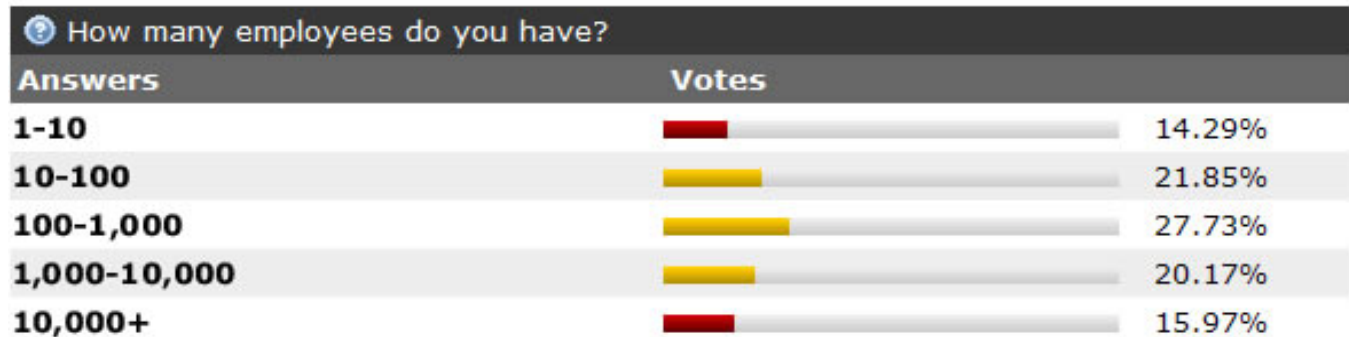
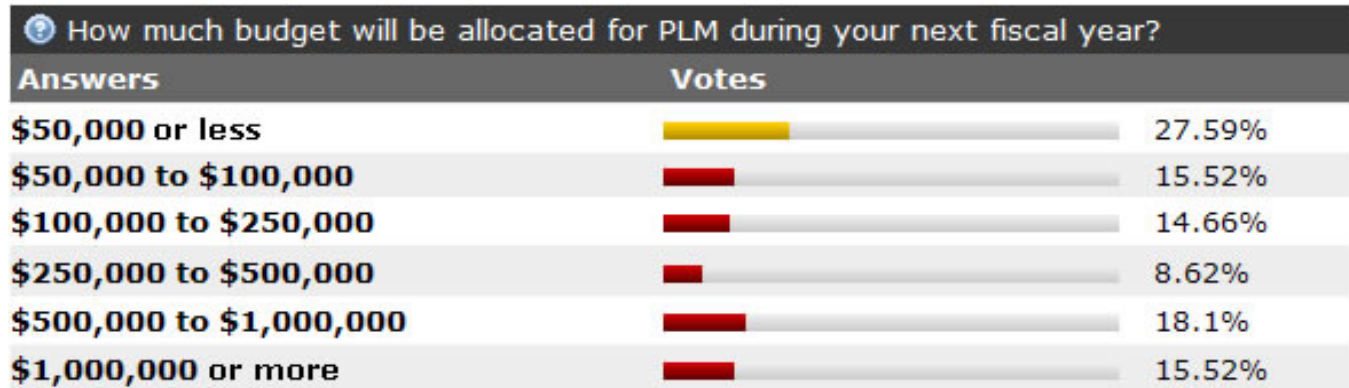
The Response to CIMdata's Recent Opinion Poll Indicates Continued Commitment to PLM by Companies of all Sizes

4 May 2007

The response to the recent poll (see following graphic) indicates continued commitment to PLM by companies of all sizes. Approximately 64% of the respondents were from companies with less than 1,000 employees with 36% from larger enterprises. Reflective of the response from Small to Medium size businesses (SMBs), 43% of the respondents indicated that their companies would be spending less than \$100,000 for PLM during the coming year. This is consistent with SMB PLM transaction sizes in recent years. Another 23% indicated PLM spending of up to a \$500,000 in 2007. The remaining 34% indicated

CIMdata PLM Industry Summary

their PLM spend would exceed \$500,000 which represents a significant yearly investment by those businesses - consistent with the 36% of respondents from larger enterprises.



NOTE: The results of these polls are anecdotal, not scientific.

If you have a suggestion for a poll you'd like to see contact us at info@cimdata.com.

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You are Invited to Participate in our Newly Released Opinion Poll Concerning Your Organization's Positioning of its PLM Initiative and Whether it has Established a Formal PLM Related Vision & Strategy

4 May 2007

To register your opinion on this two-part question, please visit <http://www.cimdata.com/research/polls/polls.php>.

CIMdata Privacy Policy

The results of these polls are tabulated as you vote. The results are completely anonymous. If you are currently logged in your vote will not be connected to your personal information in any way. CIMdata respects your privacy and no personal data will be transferred as a result of voting in these polls.

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Company News

Autodesk's Portfolio of Academic Solutions Prepares Next Generation of Design Professionals

1 May 2007

Autodesk, Inc. announced updates to its portfolio of academic software solutions, which promote project-based learning and provide worldwide access to the same cutting-edge, 3D design tools used by industry leading professionals. The design curriculum included in Autodesk's academic software has been developed for educators by educators, and provides the necessary tools to inspire and support tomorrow's generation of future engineers, architects and designers.

Autodesk's academic suite includes Autodesk Design Institute, Autodesk Design Academy, Autodesk DesignKids and Autodesk Animation Academy. These solutions introduce concepts, theory, and exercises for students to develop the design skills they will need for successful careers in design.

"Autodesk is committed to inspiring design innovation among students and educators," said Paul Mailhot, senior director of worldwide education programs at Autodesk. "Through project-based learning, students receive the exposure and training they need to compete for the engineering, architecture and design jobs of the future -- from the time they are in middle school all the way through college graduation."

Autodesk Design Institute Helps Prepare College Students for Careers in Design

Autodesk Design Institute gives post-secondary educators and students access to a wide range of design tools that allow them to apply 3D modeling and visualization skills to a variety of design disciplines. Students studying architecture, interior design, mechanical engineering, manufacturing, civil engineering, geographic information systems, industrial design, and urban and rural planning, all benefit from exposure to Autodesk's professional tools.

Autodesk Design Institute also provides schools with access to technical support directly from Autodesk and comprises the latest technology, including: AutoCAD 2008, AutoCAD Architecture 2008, Autodesk Inventor Professional 2008, Revit Architecture 2008, Revit Structure 2008, AutoCAD Civil 3D 2008, AutoCAD Map 3D 2008 and Autodesk VIZ 2008 software products.

The comprehensive curriculum for Revit Architecture, Inventor Professional and Civil 3D included in Autodesk Design Institute allows educators to integrate the newest Autodesk software titles into any existing design curriculum. Educators also have access to e-learning tools and product extensions made available through the Autodesk Design Institute members-only website. Students and educators are also encouraged to participate in Autodesk's online Student Engineering and Design Community to access tutorials, join discussion boards, network with peers and download free* versions of popular 3D software

such as Inventor Professional, Revit Architecture, Alias Studio and Civil 3D. The Student Engineering and Design Community is available at <http://www.students.autodesk.com/>.

Autodesk Design Academy Inspires High-School Students for Visionary Careers in Design, Engineering and Architecture

The Autodesk Design Academy solution was developed specifically to support science, technology, engineering and mathematics (STEM) education and is ideal for secondary schools looking to offer students a relevant and engaging curriculum that maps to national standards.

Through Autodesk Design Academy, students apply STEM principles to real-life engineering and architecture projects, which provide a real-world context allowing students to develop skills that focus on teamwork, presentation and design. Autodesk Design Academy offers project-based approach to design basics, pre-architecture, pre-civil engineering, pre-mechanical engineering, geometry and substantial design courses.

Autodesk Design Academy also includes the "Introduction to Engineering" foundation course developed by Project Lead the Way (PLTW), a non-profit organization dedicated to the advancement of pre-engineering instruction for middle and high school students. The addition of this program expands the pre-engineering content already available in Autodesk Design Academy, giving educators access to rigorous and relevant curriculum. By September 2007, PLTW will have been adopted by more than 2,200 schools throughout the United States.

"Students and teachers benefit from rigorous and relevant instruction and experience in their participation in Project Lead the Way. Using the latest software technology in the industry as offered by Autodesk Design Academy, enhances and reinforces their mutual learning," said Niel Tebbano, vice president of PLTW. "Our partnership with Autodesk allows us to deliver project- and problem-based instruction at a high level, and contribute to our goals of increasing the quality, quantity and diversity of America's future technical workforce."

Through Autodesk Design Academy, schools have licenses for the same Autodesk software that professionals use around the world, including AutoCAD 2008, Revit Architecture 2008, AutoCAD Architecture 2008, AutoCAD MEP 2008, Autodesk Inventor Professional 2008, AutoCAD Civil 3D 2008 and Autodesk VIZ 2008 software products.

Autodesk Design Kids Inspires Future Engineers at an Early Age

The Autodesk DesignKids software portfolio is a new, fun middle-school technology solution that helps increase student motivation and academic performance by bridging the gap between theory and practice. Through a series of enjoyable and challenging experiential learning activities, students can make the connection between underlying concepts that link science, math and other subjects together in real-world applications while learning Autodesk software. The Autodesk DesignKids curriculum reinforces math, science and art learning objectives while introducing students to engineering and architecture processes. The curriculum also maps to national standards for technology, math, science and language arts, and the

project-based approach helps students develop teamwork, critical thinking and presentation skills while building self-esteem and confidence.

Autodesk DesignKids allows students the opportunity to design a paper airplane, skyscraper, house, skate park or jewelry. The DesignKids curriculum requires no prior knowledge of Computer Aided Design (CAD) and is a great way to engage 7th and 8th graders in further STEM-related education and visionary careers. Autodesk DesignKids meets the software needs of a classroom lab and includes: AutoCAD 2008 and Autodesk Inventor 2008 software.

Autodesk Animation Academy Teaches Students STEM Concepts through Visually Compelling Animation

Autodesk Animation Academy combines art and academics in an engaging learning environment that incorporates science, math, language arts and technology.

The project-based curriculum encourages teamwork, planning and critical thinking as students use visual communication tools and techniques to explore specific topics and present what they learn. Through Autodesk Animation Academy, students create visuals of planetary mechanics, archaeological reconstruction of the Parthenon, the digestive system, weather systems and tornadoes, and forensics and facial reconstruction, in addition to a capstone independent study project.

Autodesk Animation Academy uses a standards-based, cross-disciplined curriculum, developed specifically for secondary institutions by experienced educators and technical experts. Autodesk 3ds Max software, the foundation of the program, has a short learning curve and a vast toolset, allowing any student the chance to quickly discover the basics of 3D visualization and animation.

The Autodesk Animation Academy curriculum incorporates five complete lessons, including a fundamental animation course. The Autodesk Animation Academy also provides an extensive set of educator resources, including syllabi, teaching guides, handouts, evaluation rubrics and online tutorials.

Distribution and Availability

Autodesk Design Institute 2008, Autodesk Design Academy 2008 and Autodesk DesignKids 2008 will be available to U.S., Canadian and Latin American customers throughout May and June via Autodesk's network of authorized academic value-added resellers.

Autodesk will demonstrate its complete suite of academic solutions, as well as its online Student Engineering and Design Community, at this year's National Educational Computing Conference, at booth 2616 in the Georgia World Congress Center in Atlanta.

*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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Bentley Announces Release of April 2007 Annual Report

30 April 2007

Bentley Systems, Incorporated released its April 2007 Annual Report. The report, which is titled “Helping to Improve the World’s Infrastructure,” is available online at <http://www.bentley.com/April2007annualreport>.

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Gerber Technology Establishes Subsidiary in Vietnam

2 May 2007

[Gerber Technology](#) has announced that it has established a Wholly-Foreign-Owned Enterprise (WFOE) with headquarters in Hanoi, Vietnam. This move strengthens Gerber’s ability to deliver enhanced service and support to customers in this fast-growing Asian market.

In addition to the opening of the office in Hanoi, Gerber is also planning a branch office in HoChiMinh City that will include an Advanced Technology Centre and a service location in Da Nang. The Advanced Technology Centre will house Gerber’s automated spreading systems and multi-ply cutting systems and showcase the company’s computer-aided design (CAD) systems with plotters. The facility will serve as a centre for product demonstration, system testing, and hardware and applications training for customers, engineers and industry students. It will be the first centre of its kind in Southeast Asia and will also serve the needs of apparel and related industrial companies in the neighbouring countries of Cambodia, Laos and Thailand.

“With Vietnam’s membership in the WTO in December 2006, textile and apparel industry exports are expected to increase from US \$5.8 billion in 2006 to US \$10 billion in 2010,” said James S. Arthurs, president, Asia-Pacific, Gerber Scientific Inc. “There is a tremendous opportunity for companies in Vietnam to improve quality and expand their production capabilities by investing more in automation.” He continued, “We already have over 150 customers using more than 500 systems in Vietnam which we have sold through our distributor, Schmidt Vietnam Co. Ltd., since first appointing them in 1994. And we are delighted that the management and staff responsible for our operations for the last 12-13 years have agreed to join Gerber. This will ensure the continuity of our customer relationships.”

“Vietnam continues to be a growing resource for brands and manufacturers in the U.S. and around the world who are looking for options in sourcing,” added John Hancock, president, Gerber Technology. “We look forward to establishing strong relationships directly with our customers in this region.”

Contact Gerber Technology in Vietnam at:

Ngo Huy Duong, General Manager

Gerber Scientific International (Vietnam) Co., Ltd.,

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Nui Truc Street, Kim Ma Ward,

Ba Dinh District,

Hanoi,

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Innovation Key Driver of Product Lifecycle Management Adoption, According to Capgemini Survey

3 May 2007

As more companies turn to product lifecycle management (PLM) tools, more than half of the respondents (55%) said innovation, not cost savings (30%), is now the key driver in adopting PLM principles inside their organization, according to a survey by Capgemini US LLC, one of the world's leaders in consulting, technology and outsourcing services. The five-question survey was conducted onsite last week at PLM World in Long Beach, CA.

As the global PLM market matures, more early adopters are beginning to focus more on aligning their processes (40%) and organization (40%) than people (15%) or technology (5%) to optimize their PLM strategy for the long run. In addition, more than half of respondents (55%) said the PLM was their “#1 priority” or of “major importance” to the success of their business. Another finding: six in ten respondents said flexibility (60%) is the most important feature of a PLM tool, compared to only one in six for ease of use (15%) and scalability (15%).

“As PLM has arrived on the scene as a leading enterprise software solution to drive business value in recent years, survey respondents told us that PLM reduces time to market and leads to cost savings

through improved cross-functional and extended enterprise collaboration,” said Mark Heidenreich, principal at Capgemini. “The benefits case for PLM adoption has never been stronger, and we expect industry shapers like UGS to continue to grow rapidly as more organizations take advantage of the flexibility of PLM tools to grow their business.”

[View the complete survey findings](#) from PLM World.

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Israeli OptiTex will Provide one of Latin's America Largest National Training Organizations with Computer Programs for Professional Apparel CAD Training

30 April 2007

Israeli based OptiTex recently announced that it has been chosen to take a major part in a comprehensive project designated towards the computerization of Colombia’s largest National Training Organization.

The project was put together by a leading Israeli technology company that specializes in technological training systems and e-learning solutions and where OptiTex was selected as one of the suppliers and integrators and within this framework, provided the training institution with design systems to train and professionally integrate employees into the fashion and textile sector. Implementation of the software has already began and is expected to last for few months while the software is installed in various locations around the country.

[OptiTex](#) CEO, Ran Machtinger mentioned that the company has vast experience in integrating into professional training programs in Israel and abroad, and that OptiTex software is installed in most of the fashion and apparel training institutions in Israel. This translates into low cost software at hundreds of work-stations, an example of which is the WIZO College of Design in Haifa, one of Israel’s professional training institutions that has been using OptiTex software for many years and is currently upgrading its OptiTex stations to incorporate the most updated versions. According to Machtinger, participating in the project will enable OptiTex to drastically expand its presence in Latin America.

It should further be mentioned that over the past year, a large number of universities and colleges around the globe (China, Brazil, USA, Switzerland, Poland and more) have equipped themselves with various OptiTex programs, emphasizing the fact that the market share and use of OptiTex programs is strengthened as these people complete their training and enter the market.

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Mentor Graphics Names Vice President and Chief Financial Officer

2 May 2007

[Mentor Graphics Corporation](#) announced that Maria M. Pope will join the company as vice president and chief financial officer, reporting to president, Gregory K. Hinckley.

“We are delighted that Maria Pope, a seasoned executive with more than 20 years of financial and operational experience, will be joining our senior management team,” said Gregory K. Hinckley, president of Mentor Graphics. “We are very fortunate to have an executive with the caliber of leadership and management skills that Maria brings, to head up our finance team. Mentor will certainly benefit from her wide-ranging background.”

Pope will be responsible for treasury, tax, accounting, internal audit, corporate development, and investor relations at the company. Additionally, she will manage facilities and purchasing.

Previously, Pope held various senior management positions at Pope & Talbot, Inc., most recently vice president and general manager of the Wood Products Division. She has also held financial management positions at Levi Strauss & Co. and at Morgan Stanley & Co. Her extensive experience also includes board of director positions with Premera Blue Cross, where she is a member of the executive committee and chairs the audit committee, and Portland General Electric Company, where she is a member of the finance and audit committees. Pope has an MBA degree from Stanford Graduate School of Business and a BA degree from Georgetown University.

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Sescoi Opens Office in Shanghai

26 April 2007

Sescoi announced the opening of its SESCOI China subsidiary office in Shanghai.

WorkNC is used by thousands of companies worldwide including most of the world’s automobile manufacturers and is known for its ease of use and automated cutter paths which set the standard in easy 2 thru’ to 5-axis programming. China is now the world’s 2nd largest automaker and Chinese automotive companies deploying WorkNC include Shanghai General Motors and Shanghai Koito Automotive Lamp Company.

Bruno Marko, chairman and founder of SESCOI, said, “Our new Chinese subsidiary will provide enhanced local support for our customers and also help extend our reach in the Chinese manufacturing sector, growing at an annual rate of 14-16%.”

WorkNC is a high performance CAM/CAD system which is simple to learn and use enabling Chinese companies to overcome the shortage of skilled CAM operators and maximize their productivity fast. A Chinese version of WorkNC is available.”

The SESCOI China office is situated: Room 14B, 450 Fushan Rd, Pudong New Area, Shanghai, 20012, China.

Tel: 86 21 58 30 37 19, Fax : 86 21 58 30 36 64, e:mail: info@sescoi.cn.

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Events News

Apache Design Solutions to Present Technical Webinar on Power Analysis Using RedHawk from Early Design to Signoff

3 May 2007

Apache Design Solutions announced that the company will present a free online technical webinar on how RedHawk can provide designers with the ability to estimate, analyze, optimize, and validate their power grid design - from floor planning through silicon signoff. RedHawk is a complete SoC power and noise solution that has been adopted as a signoff solution by 80% of the top IDM, fabless semiconductor, and foundries, and is certified by TSMC's reference flow 7.0.

WHO: Apache Design Solutions, Inc.

WHAT: An educational webinar detailing Apache's comprehensive silicon integrity solutions for SoC power - spanning from early design to signoff.

WHERE: TechOnline <http://www.techonline.com/learning/webinar/199200024>

WHEN: 10:00 a.m. PST, 1:00 p.m. EST,

Wednesday, May 9, 2007

Specifically, this live webinar will discuss: RedHawk's capabilities and its application throughout different stages of the design flow Methodology for early design analysis, including grid prototyping and decap optimization Post layout power grid analysis and optimization, including impact on timing and design margin management Examples of design analysis results and performance metrics.

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Autodesk Brings AIA National Convention to Second Life

4 May 2007

To reach the growing number of architects and designers participating in the Second Life virtual world, Autodesk, Inc. announced it will host a series of events and activities on Autodesk Island in Second Life tied to the themes presented this week at the 2007 American Institute of Architects (AIA) National Convention. Second Life residents will soon be able to watch webcasts and presentations from the

convention and participate in seminars to learn more about the key trends driving change in the architecture industry.

The Second Life 3-D virtual world is entirely built and owned by its residents. Since opening to the public in 2003, it has grown rapidly and is now comprised of more than six million residents from around the world.

Following the conclusion of the AIA 2007 National Convention, Autodesk will deliver a series of presentations on Autodesk Island in Second Life. The first event will be a presentation by Sergio Palleroni, associate professor of architecture at University of Texas, Austin, who will be speaking about the challenge to redefine the role of architecture as an agent for change and facilitate the widespread adoption of sustainable design. Subsequent presentations on Autodesk Island will focus on other topics covered at the AIA Convention, such as how technology including building information modeling (BIM) can make sustainable design easier and more efficient. The Autodesk Island content will also provide visitors with video presentations and an Autodesk host who will be present on the Island at specified times.

"Much like [Autodesk](#) software, the Second Life virtual world gives architects and designers another tool for experiencing their designs before they are made real," said Phil Bernstein, FAIA, vice president of industry strategy and relations, Autodesk AEC Solutions. "We are excited to stimulate the learning and creativity of the architectural community in Second Life and look forward to growing our presence in-world."

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Baxter Healthcare Corporation And Deloitte Consulting LLP To Present 'Product Lifecycle Decisions: How To Succeed In The Global Market' At BIO2007

3 May 2007

Baxter Healthcare Corporation and Deloitte Consulting LLP will present a panel discussion "Product Lifecycle Decisions: How To Succeed In The Global Market" on Tuesday, May 8, 2007 at 2:00pm at the Biotechnology Industry Organization's ([BIO](#)) International Convention 2007 at the Boston Convention & Exhibition Center in Boston.

The panel discussion will bring a "360-degree" perspective to product lifecycle decisions, including the viewpoints of the rapidly growing biopharma company, the mature biopharma manufacturer, the experienced contract manufacturer and the global outsourcer. The panelists will look at such provocative issues as "Make or Buy," "All or Nothing," "Here or There" and "Product Lifecycle Management."

The panelists include Tom Polen, vice president of marketing, BioPharma Solutions, Scott Gottlieb, MD, American Enterprise Institute for Public Policy Research and former FDA deputy commissioner for medical and scientific affairs, Paul Marshall, vice president of operations, Amylin, and Pete Mooney, principal, Deloitte Consulting LLP. Steve Usdin of BioCentury will moderate the panel discussion.

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CCE to Participate on the CAD Interoperability & 3D Collaboration Panel at the 2007 SME Productivity in Global Manufacturing Conference

30 April 2007

[CCE](#) announced that it will participate at this year's Society for Manufacturing Engineers ([SME](#)) Productivity in Global Manufacturing Conference, being held from May 2 through May 3, 2007 at the Marriott Renaissance in Detroit.

CCE's V.P. Sales & Marketing, Vinay Wagle, will be a part of an expert panel on May 2, 2007 to discuss current and future trends in CAD Interoperability & 3D Collaboration and how it affects engineering organizations all over the world.

This two-day, international conference provides an opportunity for design, engineering, and manufacturing professionals to interact, learn and share experiences in interoperability and collaboration with 3D data. Attendees will learn about the latest strategies, best practices and solutions, while interacting directly with fellow users and leading experts in the field.

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Cimatron to Showcase New Die Design Application at BlechExpo

30 April 2007

Cimatron Limited announced that visitors to the upcoming BlechExpo trade fair in Germany will be able to see the CimatronE DieDesign, which was officially released several months ago. Cimatron's die design application helps produce quality designs in record time, enabling die makers to win more business and carry out more profitable projects.

"Thanks to DieDesign, we are able to win more business," said Thorsten Franke, project manager at Ernst Keller GmbH in Arnsberg, Germany. "Since we can forecast more accurately, we are able to offer our tools at the right price. Today, we are establishing a quotation at an average of only one hour including the blanking, strip layout, and material utilization. Prior to DieDesign, we needed six hours for this kind of work."

The new application is rich with die-specific functions, so designers no longer need to spend valuable time attempting to construct the unique features of a die using general-purpose CAD systems.

"From the very first time we saw DieDesign application, we realized it was the right tool to make us work more effectively," added Franke. "The blanking is absolutely accurate and detailed. In the past, we usually had to perform several modifications on the ready-produced tool or on the laser cutting in order

to accomplish a correct part. Since using DieDesign, the scope of modifications in these phases has been considerably reduced.”

The DieDesign application is tightly integrated with other parts of the CimatronE CAD/CAM product suite, streamlining the entire product cycle from quoting to manufacturing and the delivery of a complete die tool. More information about DieDesign is available on Cimatron’s website at <http://www.cimatron.com/>.

Visitors to BlechExpo can view demonstrations of the DieDesign application and the entire CimatronE product suite at Cimatron’s booth number 5423, located in hall 5. With nearly 650 exhibitors and more than 14,000 expected visitors, BlechExpo is considered one of the world’s premier events for sheet metal processing. This year’s fair (June 13-16) will take place for the first time at the new convention center in Stuttgart, Germany. For more information and registration, see <http://www.blechexpo-messe.de/en/blechexpo>.

"We are excited to introduce the new Die Design application," said Dirk Dombert, manager of Cimatron GmbH. "The initial feedback from customers like Ernst Keller GmbH is extremely encouraging, and we look forward to exhibiting such a promising solution in front of all the industry's professionals that will be attending this important event."

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Delcam to Show Machining and Inspection Software to the Oil Industry

30 April 2007

Delcam will demonstrate the latest versions of its PowerMILL and FeatureCAM CAM software on booth 5231 at the Go Expo to be held at Stampede Park, Calgary, from June 12th to 14th. These two programs give Delcam the ability to provide solutions to companies looking for a programming system for mills, mill/turns, lathes or wire EDM equipment. In addition, Delcam will show its hardware-independent inspection software, PowerINSPECT. With these programs, Delcam is placed to help oil industry companies to improve their productivity.

The latest release of PowerMILL includes new and improved functionality for roughing and finishing with both three-axis and five-axis machines. The enhancements include a wider range of five-axis strategies for both roughing and finishing, including the ability to generate a five-axis toolpath from any three-axis toolpath, three-axis swarf machining and parametric surface finishing. Together with Delcam’s CAD system PowerSHAPE, a complete solution is available to set up work planes, check alignments and repair or create models for manufacture.

FeatureCAM includes major enhancements to the software’s automatic feature-recognition functionality and additions to its range of 3D machining strategies that help reduce calculation speeds and improve surface finish. In addition, creation and editing of toolpaths has been made quicker, easier and more flexible.

The latest version of the PowerINSPECT includes support for multi-axis On-Machine Verification and improved ease of use. The multi-axis option for On-Machine Verification will allow companies with four-, five- or six-axis equipment to undertake comprehensive verification of their parts on more complex machine tools, both during and after machining. The main advantage of the new option will be the ability to check undercut regions, without any need to re-position the workpiece.

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EMC to Exhibit Information Infrastructure Solutions for Life Sciences at the 2007 Bio International Convention

1 May 2007

What: EMC Corporation representatives will demonstrate information infrastructure solutions that may help accelerate drug discovery and development. They will discuss how life sciences organizations can store information more intelligently, leverage content for collaboration and compliance, protect information effectively and affordably, and secure critical assets.

When: May 6-9, 2007

Where: Pod #A3, Massachusetts Biotech Council Pavilion

[BIO International Convention 2007](#)

Boston Convention & Exhibition Center

415 Summer Street, Boston, MA 02210

(In the South Boston seaport area)

This annual four-day event is held to educate policymakers and the public about biotechnology and to promote industry growth. It is hosted by the nonprofit Biotechnology Industry Organization and typically draws 20,000 attendees.

Discussions: The technologies to be demonstrated can help streamline drug discovery, reduce costs, facilitate collaboration, protect against data loss, and ensure regulatory compliance. EMC employees will showcase networked storage platforms that provide the availability, reliability, scalability, and performance that life sciences organizations require. Employees also will describe EMC's information archiving and compliance solutions for emerging and enterprise life sciences organizations.

EMC's compliance solutions help emerging life sciences organizations accelerate regulatory cycles and product commercialization. Based on EMC® Documentum® content management software, they manage records tied to standard operating procedures, regulated content and clinical trials. The solution

to be demonstrated even lets users create consistent, accurate, and compliant advertisements, product promotions, labels, and package inserts.

EMC will also demonstrate a collaboration solution that helps emerging life sciences organizations promote innovation and foster effective collaboration through virtual teams inside and outside the organization. Based on the EMC eRoom® collaboration products, this solution comes with a set of predefined templates that can accelerate an organization's ability to collaborate quickly.

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MSC.Software Demonstrates the Path Forward to Engineering Productivity Through Enterprise Simulation

30 April 2007

MSC.Software Corp. announced its Path Forward seminar series, a six city roadshow designed to address increasing customer demand for a path to an integrated, multi-discipline simulation environment that allows for complex system interaction and frees users to explore more innovative design potential.

The Path Forward seminars review MSC.Software's products including the new MD R2 Solutions, demonstrating how these solutions enable significant value and a technological and business path forward. MSC.Software's path forward programs enable the value proposition and true competitive advantages available through MD R2's underlying common data model.

"Through exposure to the underlying capabilities and associated business models we offer our customers to help them enable competitive advantage, attendees will gain a clear understanding of the value proposition available to them through our engineering products and MD Solutions," said Stephen Bodnar, MSC.Software's vice president of marketing and product management. "The seminars will also describe MSC.Software's new Enterprise Advantage licensing options, enabling customers to progressively incorporate new productivity enhancing technology while maintaining the inherent value of their historical environments and investments."

The Path Forward seminars will take place as follows:

May 1, 2007	Detroit, MI
May 3, 2007	Dallas, TX
May 16, 2007	Santa Ana, CA
May 23, 2007	Montreal, Canada
May 30, 2007	Hartford, CT

June 13, 2007

Chicago, IL

For more information or to register, please visit: <http://productivity.mscsoftware.com/>

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NGC to Focus on Supply Chain Visibility, Speed and Execution at Material World 2007

1 May 2007

New Generation Computing® (NGC®) will address some of the most critical supply chain issues facing today's retailers and brands during a seminar at Material World Miami Beach 2007, May 8 -- 10, 2007.

Alan Brooks, president of NGC, and Fred Isenberg, vice president of sales, will speak on "Speed, Visibility and Execution with Integrated PLM, Global Sourcing and ERP Systems," on Wednesday, May 9, 11:15 a.m. in Room C127 of the Miami Beach Convention Center. This seminar will discuss the challenges of the global apparel business, as well as new opportunities to leverage information technology to streamline business processes and improve speed to market. The seminar will also focus on an integration strategy to connect suppliers, factories, agents, third parties, logistics and customers. Admission to the seminar is free, and no pre-registration is required.

In addition, NGC customer Casual Male Retail Group will present a case study on the company's implementation of PLM and global sourcing software. Roger Mayerson, executive vice president of product development and global sourcing for Casual Male, will participate in "Product Lifecycle Management: Integrating People, Processes and Information" on Tuesday, May 8, 10:10 a.m. in Room 127.

NGC is an exhibitor at Material World and will showcase its SQL Series suite of end-to-end solutions -- including e-SPS® software for global sourcing and visibility, e-PLM for product lifecycle management and RedHorse® apparel ERP -- in booth #1813. To schedule a meeting or product demonstration, email NGC at sales@ngcsoftware.com. Members of the press who are interested in scheduling an interview should contact jeff@ketnerbarnes.com.

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UGS Shows Mid-Sized Manufacturers how to Improve New Product Development Processes Through PLM

30 April 2007

UGS Corp. announced the expansion of its "Fast Track to PLM" SMB educational seminar series to help mid-size manufacturers understand how to improve their new product development (NPD) processes by implementing a PLM strategy.

“Mid-sized manufacturers need to streamline their new product development processes to get the right products to market faster,” said Bruce Boes, vice president of UGS Velocity Series Marketing, UGS. “To do this, they must evaluate their new product development practices in three distinctive areas: process management, product development and manufacturing engineering. Our successful ‘Fast Track to PLM’ program offers attendees a tangible view of how they can improve these areas by implementing PLM. We are the only company that has effectively delivered an integrated CAD, CAM, CAE and cPDM solution from a single supplier, tailored specifically to the needs of mid-sized manufacturers.”

At the heart of the new product development program are results from a recent survey of Manufacturing Business Technology magazine’s readership that gauges new product development challenges and solutions as a means to improving:

- Process management: establishing consistency and repeatability.
- Product development: beating the competition to market with the right product.
- Manufacturing engineering: speeding production, and synchronizing suppliers.

The results of this survey can be seen in a new webcast, now available at <http://www.ugs.com/mbt> that looks at the balance between agility, structure and focus, including the perspective of UGS customer Razor USA LLC, makers of the popular Razor® Scooter. Razor was able to transform its product development processes and bring two to three times as many new products to market each year with their use of Solid Edge®, the CAD component of the UGS Velocity Series™ portfolio.

For more information or to obtain a list of available webinars on New Product Development visit UGS’ SMB Center at <http://www.ugs.com/smb>.

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Financial News

ANSYS, Inc. Delivers Record First Quarter Operating Results

3 May 2007

ANSYS, Inc. announced a new Company record for first quarter non-GAAP operating results.

"We are very excited to start off 2007 with record first quarter operating results. These results are the outcome of the persistent dedication and efforts of the global ANSYS team and demonstrate our continued progress in executing on our long-term vision," stated Jim Cashman, ANSYS President and CEO. "We entered into this fiscal year with enthusiasm and momentum, and we continue to be pleased with the measurable progress against our integration plans for the Fluent acquisition, particularly as we have reached another important milestone with the one year anniversary this week."

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ANSYS' first quarter 2007 financial results are presented below. The non-GAAP results exclude the income statement effects of stock-based compensation, purchase accounting for deferred revenue and acquisition-related amortization of intangible assets. Non-GAAP and GAAP results reflect:

- Total non-GAAP revenue of \$89.6 million in the first quarter of 2007 and total GAAP revenue of \$87.9 million in the first quarter of 2007 as compared to \$46.0 million in the first quarter of 2006;
- A non-GAAP operating profit margin of 42.6% in the first quarter of 2007 as compared to 43.4% in the first quarter of 2006; a GAAP operating profit margin of 30.5% in the first quarter of 2007 as compared to 38.7% in the first quarter of 2006;
- Non-GAAP net income of \$23.5 million in the first quarter of 2007 as compared to \$14.5 million in the first quarter of 2006; GAAP net income of \$16.2 million in the first quarter of 2007 as compared to GAAP net income of \$12.9 million in the first quarter of 2006; and
- Non-GAAP diluted earnings per share of \$0.58 in the first quarter of 2007 as compared to \$0.42 in the first quarter of 2006; GAAP diluted earnings per share of \$0.40 in the first quarter of 2007 as compared to GAAP diluted earnings per share of \$0.38 in the first quarter of 2006.

The Company's GAAP results reflect stock-based compensation charges of approximately \$2.2 million (\$1.8 million after tax) or \$0.04 diluted earnings per share for the first quarter of 2007.

The non-GAAP financial results highlighted above, and the non-GAAP financial outlook for 2007 discussed below, represent non-GAAP financial measures. A reconciliation of these measures to the appropriate GAAP measures, for the three months ended March 31, 2007 and 2006, and for the 2007 financial outlook, is included in the condensed financial information included in this release.

Continuing his comments, Cashman noted, "We remain committed to provide an unparalleled array of world-class engineering simulation solutions as demonstrated by the recent delivery of new product releases to the market, which included ANSYS 11.0. This release represents the continued advancement of our integrated, best-in-class computer-aided engineering (CAE) functionality, including advanced analysis, meshing, optimization, multiphysics and multibody dynamics."

Cashman concluded, "Looking ahead, our first quarter results lay the groundwork for continued momentum in 2007, and as such, we are increasing our outlook for the year. We believe that we are well positioned to invest and capitalize on the global market opportunities for growth, leveraging our extensive customer base, strategic vision, technology leadership, and solid business model, to drive technological and operational excellence."

Management's Remaining 2007 Financial Outlook

The Company has provided its 2007 revenue and earnings per share guidance below. The revenue and earnings per share guidance is provided on both a GAAP basis and a non-GAAP basis. Non-GAAP

revenue and non-GAAP diluted earnings per share exclude charges for stock-based compensation, as well as the income statement effects of purchase accounting for deferred revenue and acquisition-related amortization of intangible assets.

As required by SFAS No. 123R and guidance issued by the Securities and Exchange Commission, effective January 1, 2006, the Company records expenses and tax benefits related to stock-based compensation. As a result, the GAAP estimates for earnings per share provided below reflect the anticipated impact of stock-based compensation. The Company issues both nonqualified and incentive stock options; however, incentive stock options comprise a significant portion of outstanding stock options. The tax benefits associated with incentive stock options are unpredictable, as they are predicated upon an award recipient triggering an event that disqualifies the award and which then results in a tax deduction to the Company. GAAP requires that these tax benefits be recorded at the time of the triggering event. The triggering events for each option holder are not easily projected. In order to estimate the tax benefit related to incentive stock options, the Company makes many assumptions and estimates, including the number of incentive stock options that will be exercised during the period by U.S. employees, the number of incentive stock options that will be disqualified during the period and the fair market value of the Company's stock price on the exercise dates. Each of these items is subject to significant uncertainty. Additionally, a significant portion of the tax benefits related to disqualified incentive stock options is accounted for as an increase to equity (additional paid-in capital) rather than as a reduction in income tax expense, especially in the periods most closely following the adoption date of SFAS No. 123R. Although all such benefits continue to be realized through the Company's tax filings, this accounting treatment has the effect of increasing tax expense and reducing net income. For example, the Company realized a tax benefit of \$1.3 million during the first quarter of 2007 related to disqualified incentive stock options; however, only \$99,000 of such amount was recorded as a reduction in income tax expense. Because there are significant limitations in estimating the impact of SFAS No. 123R, including those discussed above, the actual impact of stock-based compensation on GAAP earnings per share may differ materially from the estimated amounts included in the guidance below.

Impact of Adoption of FIN 48

Effective January 1, 2007, the Company adopted FASB Interpretation No. (FIN) 48, "Accounting for Uncertainty in Income Taxes" - an Interpretation of SFAS No. 109, "Accounting for Income Taxes." Pursuant to FIN 48, ANSYS identified, evaluated and measured the amount of income tax benefits to be recognized for all of its income tax positions. The adoption of FIN 48 resulted in an increase to income tax expense in the first quarter of 2007 of \$584,000 and a corresponding adverse impact on the effective tax rate of 2.3%. Income taxes as a percentage of GAAP earnings before income taxes were approximately 37% in the first quarter of 2007 as compared to 34% in the first quarter of 2006. This rate fluctuates over time based on the income tax rates in the various jurisdictions in which the Company operates, and based on the level of profits in those jurisdictions.

Second Quarter 2007 Guidance

The Company currently expects the following for the quarter ending June 30, 2007:

- GAAP revenue in the range of \$87 - \$89 million

- Non-GAAP revenue in the range of \$87 - \$89 million
- GAAP diluted earnings per share of \$0.35 - \$0.38
- Non-GAAP diluted earnings per share of \$0.52 - \$0.53

Fiscal Year 2007 Guidance

The Company currently expects the following for the fiscal year ending December 31, 2007:

- GAAP revenue in the range of \$363 - \$366 million
- Non-GAAP revenue in the range of \$365 - \$368 million
- GAAP diluted earnings per share of \$1.46 - \$1.53
- Non-GAAP diluted earnings per share of \$2.14 - \$2.17

Non-GAAP revenue and diluted earnings per share are supplemental financial measures and should not be considered as a substitute for, or superior to, revenue and diluted earnings per share determined in accordance with GAAP.

ANSYS will hold a conference call at 10:30 a.m. Eastern Time on May 3, 2007 to discuss first quarter results. The replay will be available for one week by dialing 719-457-0820 or 888-203-1112 and entering the passcode "ANSYS" or "26797". The archived webcast can be accessed, along with other financial information, on ANSYS' website at <http://www.ansys.com/corporate/investors.asp>.

Use of Non-GAAP Measures

The Company provides non-GAAP revenue, non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share as supplemental measures to GAAP regarding the Company's operational performance. These financial measures exclude the impact of certain items and, therefore, have not been calculated in accordance with GAAP. A detailed explanation of each of the adjustments to such financial measures is described below. This press release also contains a reconciliation of each of these non-GAAP financial measures to its most comparable GAAP financial measure.

Management uses non-GAAP financial measures (a) to evaluate the Company's historical and prospective financial performance as well as its performance relative to its competitors, (b) to set internal sales targets and spending budgets, (c) to allocate resources, (d) to measure operational profitability and the accuracy of forecasting, (e) to assess financial discipline over operational expenditures and (f) as an important factor in determining variable compensation for management and its employees. In addition,

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many financial analysts that follow our Company focus on and publish both historical results and future projections based on non-GAAP financial measures. We believe that it is in the best interest of our investors to provide this information to analysts so that they accurately report the non-GAAP financial information. Moreover, investors have historically requested and the Company has historically reported these non-GAAP financial measures as a means of providing consistent and comparable information with past reports of financial results.

While management believes that these non-GAAP financial measures provide useful supplemental information to investors, there are limitations associated with the use of these non-GAAP financial measures. These non-GAAP financial measures are not prepared in accordance with GAAP, are not reported by all of the Company's competitors and may not be directly comparable to similarly titled measures of the Company's competitors due to potential differences in the exact method of calculation. The Company compensates for these limitations by using these non-GAAP financial measures as supplements to GAAP financial measures and by reviewing the reconciliations of the non-GAAP financial measures to their most comparable GAAP financial measures.

The adjustments to these non-GAAP financial measures, and the basis for such adjustments, are outlined below:

Purchase accounting for deferred revenue. As announced on May 1, 2006, ANSYS acquired Fluent Inc. in a series of mergers. In accordance with the fair value provisions of EITF 01-3, "Accounting in a Business Combination for Deferred Revenue of an Acquiree," acquired deferred revenue of approximately \$31.5 million was recorded on the opening balance sheet, which was approximately \$20.1 million lower than the historical carrying value. Although this purchase accounting requirement has no impact on the Company's business or cash flow, it adversely impacts the Company's reported GAAP software license revenue primarily for the first twelve months post-acquisition. In order to provide investors with financial information that facilitates comparison of both historical and future results, the Company has provided non-GAAP financial measures which exclude the impact of the purchase accounting adjustment. The Company believes that this non-GAAP financial adjustment is useful to investors because it allows investors to (a) evaluate the effectiveness of the methodology and information used by management in its financial and operational decision-making and (b) to compare past and future reports of financial results of the Company as the revenue reduction related to acquired deferred revenue will not recur when related annual lease licenses and software maintenance contracts are renewed in future periods.

Amortization of intangibles from acquisitions and its related tax impact. The Company incurs amortization of intangibles, included in its GAAP presentation of amortization of software and acquired technology, and amortization expense, related to various acquisitions it has made in recent years. Management excludes these expenses and their related tax impact for the purpose of calculating non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share when it evaluates the continuing operational performance of the Company because these costs are fixed at the time of an acquisition, are then amortized over a period of several years after the acquisition and generally cannot be changed or influenced by management after the acquisition. Accordingly, management does not consider these expenses for purposes of evaluating the performance of the Company during the applicable time period after the acquisition, and it excludes such

CIMdata PLM Industry Summary

expenses when making decisions to allocate resources. The Company believes that these non-GAAP financial measures are useful to investors because they allow investors to (a) evaluate the effectiveness of the methodology and information used by management in its financial and operational decision-making and (b) compare past reports of financial results of the Company as the Company has historically reported these non-GAAP financial measures.

Stock-based compensation expense and its related tax impact. The Company incurs expense related to stock-based compensation included in its GAAP presentation of cost of software licenses, cost of maintenance and service, research and development expense and selling, general and administrative expense. Although stock-based compensation is an expense of the Company and viewed as a form of compensation, management excludes these expenses for the purpose of calculating non-GAAP operating income, non-GAAP operating profit margin, non-GAAP net income and non-GAAP diluted earnings per share when it evaluates the continuing operational performance of the Company. Specifically, the Company excludes stock-based compensation during its annual budgeting process and its quarterly and annual assessments of the Company's and management's performance. The annual budgeting process is the primary mechanism whereby the Company allocates resources to various initiatives and operational requirements. Additionally, the annual review by the board of directors during which it compares the Company's historical business model and profitability as it relates to the planned business model and profitability for the forthcoming year excludes the impact of stock-based compensation. In evaluating the performance of senior management and department managers, charges related to stock-based compensation are excluded from expenditure and profitability results. In fact, the Company records stock-based compensation expense into a stand-alone cost center for which no single operational manager is responsible or accountable. In this way, management is able to review on a period-to-period basis each manager's performance and assess financial discipline over operational expenditures without the effect of stock-based compensation. The Company believes that the non-GAAP financial measures are useful to investors because they allow investors to (a) evaluate the Company's operating results and the effectiveness of the methodology used by management to review the Company's operating results, and (b) review historical comparability in its financial reporting, as well as comparability with competitors' operating results.

Acquired in-process research and development. The Company incurs in-process research and development expenses when technological feasibility for acquired technology has not been established and no future alternative use for such technology exists. Management excludes these expenses and their related tax impact for the purpose of calculating non-GAAP financial measures when it evaluates the continuing operational performance of the Company because these costs do not relate to the Company's ongoing operations and generally cannot be changed or influenced by management at the time of or after the acquisition. Accordingly, management does not consider these expenses for purposes of evaluating the performance of the Company during the applicable time period after the acquisition, and it excludes such expenses when making decisions to allocate resources. The Company believes that this non-GAAP financial adjustment is useful to investors because it allows investors to (a) evaluate the effectiveness of the methodology and information used by management in its financial and operational decision-making and (b) to compare past and future reports of financial results of the Company as the expense related to in-process research and development is a one-time item recorded on the date of acquisition.

Non-GAAP financial measures are not in accordance with, or an alternative for, generally accepted accounting principles in the United States. The Company's non-GAAP financial measures are not meant

to be considered in isolation or as a substitute for comparable GAAP financial measures, and should be read only in conjunction with the Company's consolidated financial statements prepared in accordance with GAAP.

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Open Text Reports Third Quarter 2007 Financial Results

2 May 2007

Open Text™ Corporation reported unaudited financial results for its third quarter that ended March 31, 2007.(1)

Total revenue for the third quarter was \$156.1 million, compared to \$100.9 million for the same period in the prior fiscal year. License revenue in the third quarter was \$43.0 million, compared to \$28.4 million for the same period in the prior fiscal year. (2)

Adjusted net income in the quarter was \$17.5 million or \$0.34 per share on a diluted basis, compared to \$13.7 million or \$0.27 per share on a diluted basis for the same period in the prior fiscal year. Net income in accordance with U.S. generally accepted accounting principles ("US GAAP") was \$3.9 million or \$0.08 per share on a diluted basis, compared to \$7.3 million or \$0.15 per share on a diluted basis for the same period in the prior fiscal year. (3)

Cash, cash equivalents and short-term investments as of March 31, 2007 was \$159.7 million, compared to \$124.4 million as of December 31, 2006. Accounts receivable at the end of the third quarter totaled \$113.7 million, compared to \$114.1 million in the prior quarter. Days Sales Outstanding (DSO) was 66 days at the end of the third quarter of fiscal 2007, compared to 67 days as of March 31, 2006.

Operating cash flow in the third quarter of fiscal 2007 was \$41.3 million compared to \$28.7 million in the third quarter of fiscal 2006.

"We met our operating goals and generated strong cash flow. The Hummingbird integration is for the most part complete, and I continue to be pleased with the positive response from our customers and the synergies we are realizing from our employees and products," said John Shackleton, President and Chief Executive Officer of Open Text.

"The Company plans to make an additional debt repayment of \$30 million. Planning for future lump sum debt repayments will be reviewed on a periodic basis," said Paul McFeeters, Chief Financial Officer of Open Text.

SAP Resells Open Text's Livelink ECM

Earlier today SAP® and Open Text jointly announced that SAP is reselling solutions from Open Text. Based on Open Text's Livelink ECM solutions, SAP will resell applications marketed under the names "SAP Archiving by Open Text" and "SAP Document Access by Open Text." Adding powerful capabilities for secure, long-term archiving, Open Text's solutions complement the existing document management capabilities of SAP applications helping customers increase business process efficiency, reduce risks and ensure compliance with government regulations. Available today, the archiving and document access applications are targeted toward the financial services industry as well as public sector organizations, healthcare companies and other service organizations.

For more details, please see the press release at: <http://www.opentext.com/news/>.

Share Buyback

Open Text also announced it has initiated a filing to potentially purchase Common Shares over the next 12 months. Open Text may choose to repurchase up to an aggregate of 2,494,053 Common Shares on the Nasdaq National Market, which represents 5% of the issued and outstanding shares, and has filed a notice of its intention to commence an open market repurchase program with applicable Canadian Securities Regulators. Purchases would occur on or after May 7, 2007. As of April 30, 2007, Open Text had 49,881,068 issued and outstanding Common Shares.

Teleconference Call

Open Text will host a conference call on May 2, 2007 at 5:00 p.m. ET to discuss the final financial results of its third quarter.

A replay of the call will be available beginning May 2, 2007 at 7:00 p.m. ET through 11:59 p.m. on May 16, 2007 and can be accessed by dialing 416-640-1917 and using pass code 21225309 followed by the number sign.

For more information or to listen to the call via Web cast, please use the following link: http://www.opentext.com/investor/investor_events/index.html.

Notes

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

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

(3) Use of US Non-GAAP financial measures

In addition to reporting financial results in accordance with US GAAP, the Company provides certain financial measures that are not in accordance with US GAAP. These non-US GAAP financial measures have certain limitations in that they do not have a standardized meaning; and as a result, the Company's definition may be different from similar non-US GAAP financial measures used by other companies and/or analysts and may differ from period to period. Thus, it may be more difficult to compare the Company's financial performance to that of other companies. However, the Company's management compensates for these limitations by providing the relevant disclosure of the items excluded in the calculation of adjusted net income and adjusted EPS, both in its reconciliation to US GAAP net income and EPS and in its consolidated financial statements, all of which should be considered when evaluating the Company's results. The Company uses the financial measures adjusted EPS and adjusted net income to supplement the information provided in its consolidated financial statements, which

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Implementation Investments

Aqua Pennsylvania Selects Bentley's Haestad Methods Water Modeling Solutions

2 May 2007

Bentley Systems, Incorporated announced that Aqua Pennsylvania, Inc., a subsidiary of Aqua America, Inc., the largest U.S.-based publicly traded water utility, has selected Bentley's Haestad Methods solutions to model the infrastructure that provides water and wastewater service to approximately 1.4 million residents across Pennsylvania.

Aqua Pennsylvania's selection of Bentley's WaterGEMS, SewerGEMS, and WaterCAD products was based on a thorough review by the utility's modeling engineers, CAD designers, and GIS professionals. Interoperability with AutoCAD and ESRI's ArcGIS was a key factor in choosing the new modeling platform.

"[Aqua Pennsylvania](#) is undertaking a major effort to integrate GIS and hydraulic modeling of its water distribution networks in Pennsylvania, and to support hydraulic modeling efforts in other Aqua America companies," said Bill Ross, Aqua America's vice president, engineering. "As part of that effort, Bentley's Haestad Methods hydraulic modeling software will play an important role in managing our current and future networks."

WaterGEMS and SewerGEMS are the only water and wastewater modeling solutions to offer utilities the flexibility of using any of four interoperable platforms within a single product. These modeling platforms include MicroStation, ArcGIS, AutoCAD, and a completely updated stand-alone interface providing unprecedented ease of use, speed, and flexibility within a single modeling product.

For more information about Bentley's Haestad Methods solutions, visit <http://www.bentley.com/Haestad>.

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Bentley Announces Winners of 2007 BE Awards of Excellence BE Conference 2007

1 May 2007

[Bentley Systems, Incorporated](#) announced the winners of the 2007 BE Awards of Excellence, which honor the work of Bentley users improving the world's infrastructure.

Thirty-one projects in the professional portion of the program received BE Awards during the BE Conference in Los Angeles. These projects set benchmarks and showcase the imagination and technical mastery of the organizations that created them. In the academic portion of the program, BE Awards went to the Educator of the Year and to the top four student designs.

The independent panel of BE Awards jurors, which included accomplished Bentley users and distinguished industry experts, selected the winning projects from more than 280 nominations.

The Winners of the 2007 BE Awards of Excellence

This year's BE Awards of Excellence winners are as follows:

Building

- BIM for Architecture: Rogers Stirk Harbour & Partners Ltd – The Leadenhall Building
- BIM for Building Engineering: M/E Engineering, P.C. – BioMed Engineering and Optics Laboratory Building
- BIM for Multiple Disciplines: Arup – Review and Study of the Opera Theatre Interior and New Works, Sydney Opera House
- BIM for Visualization and Simulation: Dvorak architekti s.r.o. – Vrnata House
- BIM for Sustainable Design: Fortis Bank – Kancelarij Cluster Restructuring Project
- Building Innovation: LJB, Inc. – Wells Fargo Home Mortgage
- Building Structural Analysis, Design, and Documentation: WSP Group plc – Manchester Hilton
- Building Distributed Enterprise: The Standard Bank of South Africa Ltd – Central Premises Information Repository

Civil

- Civil Innovation: HNTB – TrueViz™ OnTarget®
- Civil Road Infrastructure: Scott Wilson Kirkpatrick (India) Pvt Ltd – Laning of Hyderabad-Vijayawada and Norra Länken
- Civil Site Design: Vela VKE Consulting Engineering – Zimbali Civil Infrastructure
- Civil Visualization and Simulation: Mott MacDonald Ltd – East London Line Project
- Civil Structural Analysis, Design, and Documentation: Arup – Marina Bayfront Pedestrian Bridge
- Civil Distributed Enterprise: The Banks Group – Centralized Data Storage Using StartPoint and Riverbed WAN Optimization

Geospatial

- Geospatial Communications: Nacap Telecom BV – Fibre Optics ‘Zuid-Limburg’ -Isilinx
- Geospatial Government: Gemeente Amsterdam, Dienst Ruimtelijke Ordening – IJburg
- Geospatial Mapping and Cadastre: Petrobras SA – SGO Project - Petrobras Subsea Assets Tracking
- Geospatial 3D GIS: AAMHatch – True Orthophotography and 3D Model of the City of Melbourne
- Geospatial Water Resource Management: ISKI Genel Mudurlugu – Infrastructure Integration of Mega City - Istanbul
- Geospatial Utilities: Baltimore Gas & Electric Co. – The BGE Bentley Project
- Geospatial Innovation: Dutch Ministry of Finance – Geospatially Enabling the Dutch Ministry of Finance; Putting ‘Where’ into SAP
- Geospatial Distributed Enterprise: Sandia National Laboratories – Power Through Integration

Plant

CIMdata PLM Industry Summary

- Plant Multi-Discipline Design: BSPiR Energoprojekt-Katowice S.A. – The Coke Plant “Przyjazn”
- Plant Lifecycle Information Management: North China Power Engineering (Beijing) Co. Ltd – Building Up NCPE Content Management Platform With ProjectWise as the Core
- Plant Structural Analysis, Design, and Documentation: Southern Co. Services – Plant Wansley Units 1-2 FGD Addition
- Plant Visualization and Simulation: Atkins Water – Bolton Wastewater Treatment Works
- Plant Innovation: VECO Alaska Inc. – Conoco Phillips Drill Site Technologies
- Plant Rookie of the Year: Sanitation Districts of Los Angeles County – San Jose Creek Central Plant Modification
- Plant Distributed Enterprise: Bechtel – Jamnagar Export Refinery Project

Special Awards

- Best Overall IT Strategy: VECO Alaska Inc. – Bentley Enterprise Implementation and Management
- Well-Trained Organization: Halff Associates, Inc.

Academic Awards

- Educator of the Year: Dr. Howard Turner – California State Polytechnic University
- Middle School/High School - MicroStation: Steffan Egger – The Ultimate Bar (BRG 4/Waltergasse VIENNA)
- Middle School/High School – MicroStation PowerDraft: Anthony Apostolou, Meghan Goff, and Christine Lupton – Pelican Bay Elementary School (Eastern Technical High School)
- University/Collegiate, Architecture/Building: Lim Yu Tian (Johathan) – ARCHinteractive (Singapore Polytechnic)
- University/Collegiate, Engineering: Piotr Łukasz Czerski– An Interchange ‘Przyczolkowa’ in Wilanow District Warsaw (Warsaw University of Technology)

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Cadence Encounter And SiP Design Technologies Used By STMicroelectronics To Implement World'S First 65nm Dual High-Definition Mpeg-4 Decoder

30 April 2007

[Cadence Design Systems, Inc.](#) said the Cadence Encounter digital IC design platform and system-in-package (SiP) design technology were integral to the successful implementation of STMicroelectronics' industry-first, 65-nanometer STi7200, a high-performance, dual high-definition (HD) decoder for digital consumer applications such as set-top boxes, high-definition DVDs (dual-standard Blu-ray and HD-DVD) and digital TVs. The development reinforces Cadence's position as a EDA partner for high-end 65nm system-on-chip (SoC) designs.

"Cadence worked hand-in-hand with our design teams to ensure that the Cadence high-end digital and SiP design technologies were able to handle this design, which is the most complex and advanced SoC we have ever undertaken," said Thierry Bauchon, R&D Director, Home Entertainment & Displays Group of STMicroelectronics. "The result was that the chip, unveiled at the Consumer Electronics Show in January 2007, was manufactured on-time and functioned correctly, enabling customers' demonstrations in the month following sample availability in our labs."

"Cadence's hierarchical methodology for advanced 65nm designs allowed us to smoothly transition from concept to design and even enabled silicon-package co-design of our high performance DDR2 interface," continued Bauchon. "This was a non-trivial task, but Cadence's Encounter and SiP design technologies helped us achieve the first-silicon success, with DDR2 interfaces full functional at 667MHz targeted specification."

Announced at the Consumer Electronics Show (CES) on January 8 and intended for the fast growing market of digital set-top boxes, digital TVs and high-definition DVD players, the new chip underscores the increasingly important role played by integrated circuit design in today's consumer electronics market. STMicroelectronics' new dual-video-stream high-definition (HD) decoder chip, the STi7200, is the first to simultaneously decode two high-definition video streams, providing consumers with a variety of viewing and recording options. The highly integrated SoC supports both the HD DVD and Blu-ray formats and is the world's first such device produced in a 65nm process technology to deliver lower power consumption and competitive pricing.

With over five million instances and 740 I/Os, the device is also one of the largest and most complex chips in STMicroelectronics' lineup. Preliminary tests validated the chip's functionality within hours of receiving the first silicon of the device.

"This achievement underscores not only the technical leadership of our high-end digital design and SiP technologies, but also highlights the overall value of our partnership as a key enabler of advanced digital content for consumer products," said Craig Johnson, corporate vice president of marketing for Cadence Design Systems. "This is a leading edge, high-performance design for high-volume consumer applications, and truly, the stakes could not have been much higher. Through our partnership, the

Cadence design solutions were able to deliver a superior product with significantly reduced development cycles."

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CEI and RENCI Partner, Making EnSight Visualization Software Available to North Carolina High-Tech Companies Statewide

May 2007

Computational Engineering International (CEI) and the Renaissance Computing Institute (RENCI) announced a new partnership that makes CEI's EnSight to RENCI's staff and partners at its headquarters and engagement facilities throughout North Carolina.

CEI is an Apex, N.C.-based developer of software applications for the scientific and engineering community and offers products that cover all aspects of simulation, including meshing, plotting, process workflow, animation, and visualization. RENCI is a statewide virtual organization that seeks to solve complex, multidisciplinary problems by uniting academia, government, industry, and world-class computing and technology resources. It was formed to drive technological innovation and scientific discovery and to spur economic growth in North Carolina and is a state-funded collaborative venture of the University of North Carolina-Chapel Hill, Duke University, and North Carolina State University.

Through the new partnership RENCI has licensed 12 seats of EnSight DR, a version of the application intended specifically for users of distributed computing. The move will allow all RENCI researchers and partners to take advantage of EnSight's powerful visualization capabilities at any of its existing or soon-to-open research centers. RENCI's main offices are in Chapel Hill, about half way between the Duke and UNC-Chapel Hill campuses. It also operates engagement centers at North Carolina State University's Centennial Campus in Raleigh and will soon open centers at East Carolina University in Greenville, UNC Asheville, Duke, and UNC-Chapel Hill. All RENCI facilities will have advanced visualization systems available for use by university researchers and other partners.

"We're pleased not only to gain users at six different academic locations throughout the state but to gain users whose work is sure to push the limits of visualization," said Darin McKinnis, CEI's vice president of marketing and sales. "As these top researchers from government, academia, and the private-sector expand the bounds of their own fields, their feedback will help us to continually improve EnSight and keep pace with the latest, most cutting-edge needs in the scientific and engineering community."

In addition to providing new EnSight users, the partnership also gives CEI access to RENCI's visualization facilities. Equipped with the latest high-resolution visualization walls designed and built by RENCI, the facilities are ideal for showcasing EnSight's capabilities and will be used to conduct software demonstrations and user training.

"This is a great example of a university/business collaboration that will provide many benefits to both partners," said RENCI economic development director David Knowles. "RENCI has the chance to use a

powerful visualization software tool in new and exciting ways and to showcase its state-of-the-art visualization facilities. CEI, in turn, will gain more than just a new customer. Our facilities will provide CEI with the ideal venue to demonstrate its products to potential clients and to train current users throughout the state.”

RENCI has been actively developing visualization resources to allow researchers to take advantage of the simulation technology in multiple areas, including medical, geological, and meteorological research and computer-aided engineering (CAE). By adopting EnSight as a common visualization platform throughout its facilities, RENCi not only provides researchers access to an industry-leading tool, but also creates a computing standard which will facilitate effective collaboration among its clients and across disciplines.

For more information about CEI or any of its software, visit <http://www.ensight.com/>. To learn more about RENCi and its current projects, visit <http://www.renci.org/>.

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City of Lakeland, Florida, Joins Bentley’s Municipal License Subscription Program

2 May 2007

Bentley Systems, Incorporated announced that the City of Lakeland, Florida, has joined Bentley’s Municipal License Subscription (MLS) program. The city will use its new MLS to make its engineers more productive and expand their access to advanced software. This will enable Lakeland to deliver enhanced services to its citizens at the lowest reasonable cost while maintaining its reputation as a low-tax city.

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 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.

[Lakeland](#) provides its 91,623 citizens with a complete array of services, including electric power, water, wastewater and stormwater management (within the city’s 72.2-square-mile area), land development, road maintenance, and emergency services, to cite just a few. It also generates and distributes electric power from its city-owned-and-operated power utility to 253,405 residents spread over a 246-square-mile area.

Said Tracy Kirkpatrick, Lakeland’s assistant director, Department of Information Technology, “With our MLS, for close to the same price as our former subscription, we can access more than 10 times the number of Bentley products and solutions. Given the breadth of services that Lakeland delivers to its citizens, this is clearly an opportunity to which we had to say yes.”

CIMdata PLM Industry Summary

He continued, “There are a number of products we are anxious to test and possibly deploy – for example, Bentley Expert Designer to improve the productivity of our engineers when designing and operating our electric distribution network. However, at the top of our list is Bentley’s ProjectWise collaboration system. Its implementation will help us support our site development workflows and eventually make Lakeland an excellent example of e-government in action.”

Lakeland believes that site development automation will bring substantial savings through data sharing among city departments and external contractors and developers. In the medium term, the city foresees all of the paper in the site development process being replaced by digital documents posted to ProjectWise – available to users through secure log-ins and privileges. Currently, every time a contractor applies for a permit on a project, it has to submit 10 paper copies of all the specifications and drawings.

Benefits Lakeland is already enjoying from its new MLS include the ability to provide project teams with an increased number of licenses for the Bentley products it is currently deploying. Among these are MicroStation, Digital InterPlot, InRoads, PlantSpace, and SewerGEMS.

As Kirkpatrick explained, “With our MLS, our engineers don’t have to wait for access to, say, a MicroStation license. Previously, we sometimes had to ask field engineers to bring in their laptops after just 48 hours in order to free up licenses for more pressing assignments. Now, our field engineers can keep their laptops and MicroStation licenses out in the field for months at a time. The same holds true for the other Bentley products we regularly deploy.”

In addition, the city is saving both time and money as a result of dramatic reductions in software deployment times. As Kirkpatrick said, “With our old subscription it would take us a year to go through our planning and budgeting process, followed by a lengthy procurement process once the budget had been approved. Today, we just download the software we need and go from there. Without question, the MLS is making us a more nimble and responsive organization.”

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
- Electric and gas network design

- Water and wastewater treatment plant design
- Urban planning
- Cadastre management
- Public safety
- Municipal building design
- Mapping and 3D modeling

Because the program's 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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City of Toronto, Canada, Joins Bentley's Municipal License Subscription Program

2 May 2007

Bentley Systems, Incorporated announced that the city of [Toronto, Canada](#), has joined Bentley's Municipal License Subscription (MLS) program. Toronto's new MLS agreement will increase its engineering capabilities and help it better serve the infrastructure needs of its 2.6 million citizens.

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 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.

Commenting on the city's new MLS, Wally Kowalenko, Toronto's director, Survey and Mapping, said, "We can now equip our GIS and engineering teams with the very best in GIS and engineering solutions from Bentley irrespective of the list price of the software. We expect this to make us a more effective and efficient organization in the longer term.

"Moreover, our MLS will also help us standardize our GIS and engineering platforms and this, too, will make us more efficient. We will have fewer types of file formats to manage, and training can be focused

on a single, unified set of software solutions. In addition, software acquisition and procurement procedures will be streamlined.”

Nearly all of Toronto’s departments, including technical services, transportation, police, fire, ambulance, and water, already deploy Bentley solutions. Two sister organizations, Toronto Hydro and Toronto Transit, use Bentley software for electric power distribution and bus and light rail services, respectively, while the city’s GIS team uses Bentley’s geospatial products to maintain core GIS data. The data includes cadastral information, parcel information, street center lines, addresses, topography, aerial photography, and the enterprise GIS databases used by other departments.

Bentley software solutions currently employed by Toronto include MicroStation, Bentley I/RAS B, InRoads, InRoads Site, InRoads Storm and Sanitary, and InRail. However, this list will grow substantially as a result of the city’s new MLS.

Said Kowalenko, “We will immediately begin to deploy more of the InRoads software. We are also exploring the possibility of deploying ProjectWise in conjunction with our enterprise workflow system to help share data and manage our engineering project documentation. In the longer term, we expect to deploy many new Bentley software solutions.”

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
- Electric and gas network design
- Water and wastewater treatment plant design
- Urban planning
- Cadastre management
- Public safety

- Municipal building design
- Mapping and 3D modeling

Because the program's 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.

As Kowalenko continued, "We expect that the MLS program will be a prime agent in improving the services that we deliver to our citizens. Citizens don't see what is behind the delivery of a service, but they certainly know, and appreciate, when it is delivered in an optimal manner.

"Behind improved service delivery are harmonized business processes, harmonized software platforms, standards-based development, integration with enterprise systems, better reporting, and better mobile solutions for field technicians. We are beginning to map out how additional software from Bentley will positively impact all of these elements of our local government operation and look forward to its deployment."

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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CoCreate Announces Winners in 2007 Design Competition

2 May 2007

CoCreate Software, Inc. announced the winners of its 2007 Design Competition.

Results and product designs for the 2007 Design Competition are featured at: <http://www.cocreate.com/innovation>.

This year's Design Competition celebrated innovation in product development, clearly recognized by the variety and depth of product designs included in the 160 entries submitted by CoCreate customers from all across the world.

The 2007 winning product designs come from the following companies:

- Amerequip, USA
- Audemars Piguet, Switzerland

- Bedeschi, Italy
- Bortolin Kemo, Italy
- Cushman Engineering, USA
- GEBR. BRASSELER, Germany
- Grimme, Germany
- Hydro Aluminium Raeren, Belgium
- Jonas & Redmann, Germany
- KELLENBERGER, Switzerland
- Kossler, Austria
- LI-COR Biosciences, USA
- Liebherr Ehingen, Germany
- Liebherr Hausgerate Ochsenhausen, Germany
- MAFI Transport-Systeme, Germany
- Norden Machinery, Sweden
- normative mechanics, Germany
- OelschlagerMetalltechnik GmbH, Germany
- TANDLER Zahnrad- und Getriebefabrik, Germany

Included among the high-tech electronic and machinery entries were robotic handling equipment, electronic biometric devices, scientific instrumentation for spatial-temporal CO2 efflux measurement, safety can openers, wireless mobile column lifts, and an electric guitar.

MAFI Transport-Systeme captured the highest number of votes for their battery powered, heavy duty MFI Tractor with a 40t total towing weight, earning distinction as the overall winner for the 2007 Design Competition.

MAFI is one of the leading worldwide manufacturers of in-plant transport systems for industry and seaports whose products include tractors with diesel engines, electric motors or hybrid drive systems, automatic guided vehicles, rail cars and industrial trailers.

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Hidral Selects UGS Teamcenter for its Product Lifecycle Management Initiative

2 May 2007

UGS Corp. announced that Hidral, S.A., a Spanish company specializing in designing and manufacturing elevators, selected UGS' Teamcenter™ Engineering solution in order to transform their process of innovation through knowledge sharing and optimizing the product development process.

Hidral selected Teamcenter Engineering because of its extensive ability to manage complex data and collaborate between diverse product development teams. Teamcenter Engineering will be deployed by Hidral to reduce design times and improve information exchange during project development. The Teamcenter Engineering implementation allows the company to increase its design and engineering capabilities, using the integration with suppliers and customers.

“Although we evaluated other commercial solutions during the project viability phase, we finally opted for Teamcenter. It will allow us to conveniently represent our product thanks to its configurator and will facilitate the global management of the overall lifecycle. Besides these technical criteria, we know we can count on a technology partner like UGS to develop mid-term projects,” said Francisco F. Coronado, manager of the Information Systems Department, Hidral, S.A. “We hope that this collaboration project with [UGS](#), through ADS (Arion Data System), will provide us with a solid base for our information systems to enable us to tackle the challenges associated with our growth.”

“It is a pleasure for us to offer our services to a world-class company like Hidral, which has registered a successful expansion and consolidation process in the Spanish market,” said Peter Schneider, general manager of UGS Spain. “With Teamcenter, Hidral will experience a transformation of its innovation process, becoming one of thousands of companies that are already experiencing the benefits of this tool.”

About Hidral

The Firm, founded in 1975 and specialized on the production and supply of complete elevator platforms, has become a strategic supplier of fully equipped elevators, expanding the product portfolio of numerous elevator provider enterprises, both nationwide and outside Spain. During this evolution, the firm has increased its portfolio, offering a wide range of products. Currently, in order to provide suitable delivery

deadlines, the company has a 20,000m² office, divided into two production centers and 2,000m² offices with a great investment in high-tech.

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Irish Department of Education Purchases 25,000 Licenses of SolidWorks Software

30 April 2007

The Irish Department of Education and Science has purchased 25,000 licenses of SolidWorks® Education Edition software to expand technology education in second level schools and grow the pool of skilled local engineers. Students between 12- and 18-years old in 550 schools will learn SolidWorks in four technology subjects.

This announcement underscores Europe's rapidly increasing adoption of SolidWorks software as an effective tool for teaching students the design and engineering skills they'll use in professional careers. SolidWorks Education Edition is the standard for teaching students CAD fundamentals in Norway, Northern Ireland, and France, and has been deployed in major school districts in Germany and Spain.

Investing in the future

t4 - Technology Subjects Support Service, Ireland's teacher support and training division for technology education in the Irish Department of Education, chose [SolidWorks](#) because its intuitive interface will allow students to grasp design and engineering principles so they spend more time creating 3D models than learning software. Ireland's Minister for Education and Science, Mary Hanafin, made €40 million (\$53.4 million) available for a progressive, phased-in curriculum featuring four subjects to be taught in second level schools, including: Technology, Design and Communication Graphics, Architectural Technology, and Engineering Technology. The new initiative also includes money for 4,500 Dell® Precision Workstation PCs and M65 Laptops which will come pre-imaged with SolidWorks, Microsoft® Learning Suite software, and antivirus on every PC.

“The use of SolidWorks represents a very significant advance in the provision of information and communications technology (ICT) in Irish schools and will ensure that students of technology subjects and their teachers have access to resources and facilities on a par with any world-leading education systems,” said t4 National Coordinator Paddy Keays. “SolidWorks has a fast learning curve, and that's very important when teaching CAD skills and design and engineering concepts to 12- to 18-year-old students. Our students will have the freedom to design projects and easily change and manipulate their models to investigate ‘what if’ scenarios which will prepare them for the fast-changing technological society. It will also allow us to use the software to communicate previously abstract concepts.”

t4 has already begun training 2,000 teachers throughout the country on how to effectively teach SolidWorks in the new curricula. The second level schools (similar to middle and high schools in the U.S.) will begin teaching SolidWorks software next September. Students will also learn fundamental analysis concepts with COSMOS® design analysis software, which will allow them to see how their

projects will handle a variety of forces. Educators will be able to provide students relevant applications in mathematics and science through virtual simulation tools that explore topics like stress on bridges, air flow over cars, and the motion of physical systems.

Authorized SolidWorks reseller [Solid Solutions Ireland](#) played a critical role in working with t4 to deploy the right CAD software for the project and coordinating the country-wide teacher training that will be the backbone of every classroom lesson involving SolidWorks. Solid Solutions Ireland will also provide the ongoing support that t4 and all participating schools need.

“The Irish Department of Education has taken an aggressive approach to fuel student interest in technology and CAD in hopes of growing the pool of locally skilled engineers,” said SolidWorks Business Manager Education Europe Lutz Bettels. “This is a significant deal that reinforces global demand for SolidWorks software training in the classroom as preparation for professional careers.”

About t4 - Technology Subjects Support Service

t4 - Technology Subjects Support Service is a full time support service under the auspices of the Teacher Education Section within the Department of Education and Science of Ireland. The primary function of t4 is to prepare and support teachers to implement the revised syllabuses for Architectural Technology, Design and Communication Graphics, and Engineering Technology and the new subject Technology at Leaving Certificate level. For more information, visit the Web site at (<http://www.t4.ie/>).

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KTM Drives Innovation And Growth Strategy With PTC Product Development System

2 May 2007

PTC announced that [KTM](#) Sportmotorcycle AG, headquartered in Mattighofen (Austria), has selected the PTC® Product Development System (PDS) to support its growth strategy which is being driven by innovative products. The championship winning manufacturer of off-road motorcycles is expanding its use of PTC solutions to encompass Windchill, the PTC content and process management solution. The move to an integral PDS will enable KTM to optimize their product development process and thereby accelerate the pace of innovation, reduce time-to-market and allow additional focus on new market segments.

Since the 1970s KTM has successfully specialized in leading-edge sports motorbikes, winning numerous world championships in motor cross and enduro competitions as well as in grueling desert rallies such as the Rally Dakar. The company has a long pedigree of innovation: leading the market in the introduction of disc brakes, upside-down forks and progressive link rear suspension in off-road chassis design. With its revolutionary LC4 family of four-stroke engines KTM helped break the dominance of two-stroke engines in off-road competitions that had lasted more than two decades.

KTM has used [PTC Pro/ENGINEER](#) as its standard 3D CAD/CAM/CAE software for the entire product design since 1999, enabling the rapid transfer of innovative ideas into successful products. This speed of innovation has been key to KTM's growth rates, which have often exceeded 15% annually – e.g. culminating in 84,000 units sold in 2006. The expansion of KTM's product portfolio into road-going sports bikes and new markets including Quad vehicles and the revolutionary concept sports car “X-Bow” (poised for introduction in 2008), are further planned milestones in KTM's growth path.

To ensure innovation and product quality for the extended product portfolio, KTM partners with companies such as the Italian race car manufacturer Dallara for carbon chassis manufacturing or Audi for engine and power trains. To better manage its product development processes, KTM required a Web-based single architecture that could enable product collaboration and project management in a secure environment. Building on its long and successful partnership with PTC and following an exhaustive evaluation process, KTM decided to complement its engineering infrastructure with PTC Windchill. The project is being implemented by PTC Global Services, who is responsible for all aspects of the deployment including business process consulting, solution architecture design, project management, implementation, training and rollout.

“KTM is committed to delivering sports motorcycles that offer our customers competitive advantage on the racetrack,” said Harald Plöckinger, Member of the Management Board KTM Sportmotorcycle AG. “Our ‘Ready to Race’ philosophy requires leading-edge technology with rapid response to change and precise execution. The PTC Product Development System addresses our need to complement innovation with structured processes in an integral IT environment.”

“The pace of innovation in automotive markets requires a PLM solution that is easy to deploy and easy to use, but doesn't sacrifice on power when it comes to content and process management capabilities,” said Martin Walters, director, automotive market strategy, PTC. “Because our integral PDS provides the right mix of power and ease, it is increasingly being adopted by leading manufacturing companies as their PLM backbone to help realize an efficient management of product development processes, information, timelines and costs.”

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Marmol Radziner Prefab Honored With Revit BIM Experience Award for Innovative, Sustainable Designs

4 May 2007

Autodesk, Inc. awarded a Revit BIM Experience Award to Marmol Radziner Prefab for its use of Revit Architecture software as the core of an innovative business model and integrated project delivery method. Los Angeles-based Marmol Radziner Prefab uses the Revit Architecture platform to design and produce modular, steel- frame homes that combine factory efficiency and green materials with high-end custom residential design. The Revit BIM Experience Award honors firms for their innovation and excellence in implementing solutions in the Revit platform for building information modeling (BIM) to create quality, complex designs and collaborate across building design disciplines.

CIMdata PLM Industry Summary

Since the design-build architecture firm Marmol Radziner + Associates launched its new prefab company in 2005, Marmol Radziner Prefab has worked with LA CAD to implement and utilize Revit Architecture to integrate the design and prefabrication process. This solution provides greater control over quality, schedule and project details so that the company can offer its unique blend of prefabrication and customization. While designers are drawing and categorizing as many as 12 to 24 modules that comprise a house, certain manufacturing activities and tasks related to the entire house unit can be scheduled and executed simultaneously to speed time to market with minimal errors. The firm also takes advantage of Revit Architecture's visualization capabilities to communicate design intent to clients, and Revit integration with Autodesk 3ds Max software to create final renderings. The company has received awards from the American Institute of Architects, ID Magazine and the Industrial Designers Society of America.

"We place great emphasis on integrating the design and fabrication of our green prefab homes," said Leo Marmol, FAIA, managing principal, Marmol Radziner Prefab. "With Revit Architecture, we can streamline the design and prefabrication process by developing repeatable design libraries, creating shop drawings from the core model, and producing the steel frame structures that are the hallmark of our work."

For the first two-story home designed by Marmol Radziner Prefab, Revit enabled a seamless process from concept through design development and construction documents into fabrication. The 8,500 square foot home located outside Las Vegas was originally designed as a site-built house, but later switched to a prefabricated design comprised of 36 prefabricated modules. The designers used Revit to quickly transform the original design and model the home based on Marmol Radziner Prefab's standard library of module frames, components and details. Using these standardized elements allowed greater efficiency in the documentation of the design and ultimately in the factory production of the home. Marmol Radziner Prefab's in-house structural steel fabricators used only the Revit model to generate shop drawings, create accurate and coordinated cut lists, and procure stock without guessing, waste or time-consuming hand takeoffs. The modular construction process minimizes waste by maximizing the amount of work done in the factory, which facilitates reuse and recycling of excess material. The factory production also provides a centralized location for the construction trades, which allows them to coordinate their work and reduce vehicular emissions generated from travel to the construction site.

"Autodesk applauds Marmol Radziner Prefab for their use of Revit Architecture to create a groundbreaking design and production process that benefits both the environment and their clients," said Jay Bhatt, senior vice president, Autodesk AEC Solutions. "We hope their innovative use of Revit will inspire other firms to use BIM to design and build more sustainable buildings."

For more information on the Revit BIM Experience award visit <http://www.autodesk.com/revitbimaward>.

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Norgren Moves Faster and More Fluidly With ENOVIA SmarTeam PLM Solution

30 April 2007

CIMdata PLM Industry Summary

Dassault Systèmes ([DS](#)) and [RAND](#) North America, a joint venture of DS and Rand, a Technology Corporation announced that Norgren, a global supplier of actuators, valves, filters, and pressure sensing and control devices for the automotive, electronics, medical and food processing industries, selected ENOVIA SmarTeam for a major worldwide PLM project. Norgren's PLM strategy will bring its products to market ahead of competitors and develop smarter, more inventive and effective solutions.

Chicago-based Norgren, the largest division of the IMI group, chose ENOVIA SmarTeam to provide a comprehensive, phased program that will enable collaborative multi-CAD, multi-site design and manufacturing management across thirteen locations worldwide. To achieve its ambitious program, which within three years will serve some 5,000 enterprise users around the globe and integrate with Norgren's corporate ERP system, the company turned to RAND North America.

“Our complex global manufacturing and supply chains needed a system to efficiently manage our product data, whether originating in Germany, China, the US or the UK,” said Mary Pierce, Norgren Global PLM program manager. “ENOVIA SmarTeam is allowing us to integrate and manage this information while tracking the numerous design changes and capturing best practices. Standardized collaborative design methods are eliminating money and time spent working from outdated designs, as well as encouraging innovation and improved division of labor among our globally-dispersed design teams.”

RAND North America began rollout early 2007 with 175 seats installed at three ENOVIA SmarTeam databases – Fellbach, Littleton, CO, USA and Shanghai CHINA. The remainder of the sites, consisting of an additional 558 licenses with many sites utilizing ENOVIA SmarTeam's multi-site capabilities, will be deployed during 2007/2009.

“To succeed in today's increasingly competitive mid-market, leading companies are selecting PLM solutions to gain essential business benefits through collaboration,” said Alex Zeltcer, general manager, ENOVIA SmarTeam. “Norgren will leverage ENOVIA SmarTeam to quickly ramp up and consolidate its global product design activities. In the next phase, the company will automate and optimize key business processes, including bills of material, engineering change management and bidding practices, using ENOVIA SmarTeam to streamline workflows across people, sites and platforms. This will enable global-scale purchasing and further cost savings.”

About Norgren

Norgren is part of the diverse and internationally successful £1.57 billion IMI Group - confirming its financial strength, stability, and dependability. With established manufacturing facilities in USA, Germany, UK, Switzerland, and Spain and with newer facilities in Mexico and the Czech Republic Norgren has the global manufacturing and support capabilities to be able to cope with the most demanding international projects. Drawing on many years of experience of handling major projects across national boundaries Norgren can harness global resources to match its customers' own operations. With support through an established sales and service network in 75 countries Norgren has the global reach and capability to ensure continuity of supply and local support where it is needed for customers involved in export markets or multi site operations.

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PTC Becomes PLM Provider of Choice to Electronics and High Tech Industry

1 May 2007

PTC announced that in the past 12 months, 173 organizations have licensed PTC Product Lifecycle Management (PLM) solutions to support their electronics product development goals. High Tech customers selecting Windchill for their PLM needs range from the largest and most successful consumer electronics, computer, telecommunications equipment, semiconductor manufacturing equipment, semiconductor, ODM and contract manufacturers to rapidly growing small and medium sized businesses across the globe. Today, all 30 of the top electronics and high tech customers by revenue use PTC® solutions.

Intense time to market requirements and an unrelenting pursuit of innovation are pressuring electronics and high tech organizations to advance their product development processes. “As a result of this fiercely competitive environment, ASE Group must continuously scrutinize our product development processes and evaluate how to increase productivity and improve quality while delivering better support to our customers,” said Dr. Mingcheng Sheng, vice general manager, ASE Kaohsiung Information Center, ASE Group, the world's largest provider of independent semiconductor manufacturing services in assembly and test. “As a result, we decided to work with PTC to optimize our technology infrastructure to support our business objectives of doing the maximum with the minimum.”

The [PTC](#) Product Development System (PDS) is able to support organizations like ASE Group by providing the following advantages:

- A single, comprehensive PLM system that helps prevent late-stage changes by supporting the entire process starting from early-stage product development
- Process centric solutions that tie technology to best practices in high tech product development
- Synchronization of electrical, mechanical, software and technical publications development, and collaboration across these disciplines
- Component management solutions that enable designers to design for environmental regulatory compliance and supply chain from the beginning
- Collaboration with distributed development, suppliers and customers with a single, scalable solution

“Electronics and high tech companies continue to struggle with creating the most effective global product development strategies, often trying to manage both design and manufacturing through a heavily outsourced value chain,” said Chad Hawkinson, vice president, product strategy, electronics, PTC. “PTC

is focused on providing solutions that alleviate this burden and streamline the creation of innovative products by enabling mechanical, electrical and software designers to work better together to make more informed decisions at the beginning of the development process, reducing late-stage changes and improving product quality.”

A partial list of electronics and high tech customers that have recently licensed PTC PLM solutions includes:

Arima Computer Corp., Arima Communication Corp., ASE Group, Asustek Computer Inc., Asyst Technologies Inc., AT&T Services Inc., Bose Corp., Chi Mei Communication Systems, Chi Mei Optoelectronics Corp., China Electronics Technology, Comba Telecom Systems Holding Limited, Compal Electronics, Inc., CSMC Technologies Corp., Daktronics Inc., Dell, EMC2 Corp., Emerging Display Technologies Corp., Hitachi High Tech Electronics Engineering, Hon Hai Precision Industry Co. Ltd, Huawei Technologies Co., Ltd., Intel Corp., iRobot Corp., LG Philips LCD Co., Mitsubishi Electric Corp., Motorola Inc., Nortel Networks, Omron Network Applications Co., Pantech C&I Co., Psion Teklogix Ltd., RF Micro Devices, Samsung Electronics, Taiwan Green Point Enterprises, TCL & Alcatel Mobile Phones, Texas Instruments Inc., Tyco Electronics, Unisys Corp., and Varian Semiconductor Equipment.

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Q-Checker Has Been Chosen by Ford Motor Company as its Product Data Quality Solution

1 May 2007

[Dassault Systèmes](#) and [RAND](#) North America, a joint venture of Dassault Systèmes and Rand A Technology Corporation announced that its Q-Checker software has been deployed by Ford Motor Company ("Ford") throughout its global operations, including its Ford North America, Ford Europe, as well as its Jaguar, Land Rover and Volvo Cars divisions. Q-Checker is a product data quality management tool for CATIA and is developed by Transcat PLM, a wholly-owned subsidiary of Dassault Systèmes.

RAND North America and Transcat PLM partnered with Ford throughout a detailed evaluation of Q-Checker software, to ensure that the software would effectively enable Ford to streamline its engineering design process to reduce time to market as well as enhance design and product quality. During the evaluation process, RAND North America and Transcat PLM assessed requirements, customized Q-Checker and conducted training. Q-Checker should effectively serve to set Ford's global design standards, enforce best practices and allow CAD models to flow more easily throughout the design and manufacturing process and between different business units.

"We are very pleased that after an extensive benchmarking process, Ford has chosen to implement Q-Checker as its global product data quality assurance solution," said Brian Semkiw CEO RAND North America. "This is an important win for us and we look forward to working with Ford on this strategic initiative."

"Having Q-Checker implemented by Ford, illustrates the power of DS's partner ecosystem," said John Leney, senior director, Dassault Systèmes. "Industry leading products, integrated tightly with CATIA and Dassault Systèmes' other PLM solutions, bring our customers' diverse added functionality and customization."

Q-Checker software helps companies reduce design errors and improve the product design process, by ensuring that 3D CAD models can be used effectively throughout the entire design and manufacturing process. Q-Checker offers an integrated application for checking the quality and integrity of CAD models and drawings, and it ensures that company design standards and best practices have been used in creating each model. Q-Checker has a track record of helping users rectify design problems as soon as they are discovered by most large automotive and aerospace companies using CATIA.

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QLogic Taps Agile 9.2 to Manage Environmental and Regulatory Compliance Requirements

30 April 2007

[Agile Software Corporation](#) announced that QLogic has migrated to Agile 9.2 PLM, to take advantage of the solution's expanded version of Agile Product Governance and Compliance (PG&C) to manage product and program compliance against standards and regulatory requirements. QLogic is the leader in Fibre Channel host bus adapters (HBAs), stackable switches and blade server switches, whose products are the backbone of storage networks for most Global 2000 corporations. Agile 9.2 is the next generation release of the Agile 9 platform that enables leading organizations to manage their enterprise product record throughout the product lifecycle -- from design to new product introduction to ramp to volume and end of life.

"Agile's expertise in the electronics and high-tech industry is a great advantage to us as we continue to navigate the ever-changing and increasingly complex realm of environmental regulations," said Dominic Cortella, director, reliability and quality assurance, QLogic. "Agile Product Governance and Compliance provides us with the ability to determine product compliance faster, provide certificates of compliance to customers and make alternate source decisions more rapidly."

QLogic's products are delivered to small, medium and large enterprises around the world, powering solutions from leading companies like Cisco, Dell, EMC, HP, IBM, NEC, Network Appliance and Sun Microsystems. Sold directly to OEMs and through QLogic-authorized distributors and resellers, QLogic customers rely on the company's SAN infrastructure technology to deliver storage solutions to IT professionals in virtually every business sector. Agile Software will assist QLogic's efforts to ensure compliance with environmental regulations such as the European Union's Restriction of Hazardous Substances (RoHS) regulation and Waste of Electronic and Electrical Equipment (WEEE) directive. The ability of Agile PG&C to track and demonstrate varying degrees of compliance requirements early in the product lifecycle will provide QLogic critical information for designing and manufacturing its products, as well as supporting its customers in their compliance efforts.

"Electronics manufacturers like QLogic continue to face competitive markets around the globe that require high tech companies to relentlessly accelerate innovation, reduce costs and improve quality. New environmental regulations only compound this challenge," said Jay Fulcher, Agile president and CEO. "Agile 9.2 enables companies such as QLogic to improve product profitability, gain greater product insight and control, and manage environmental compliance throughout the product lifecycle."

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Tacton Streamlines Product Configuration for FlexLink Customers

2 May 2007

[Tacton Systems](#) announced that [FlexLink AB](#), a global supplier of process automation technology for industrial manufacturing, has implemented Tacton Configurator to enable its customers to configure their own industrial conveyor solution via the FlexLink website.

FlexLink supplies a wide range of products and technologies to meet assorted handling requirements and enhance the production flow within many different kinds of today's industries, from automotive and electronics to food and dairy, medical and pharmaceutical, and paper converting. The new web-based system replaces a labour-intensive system of manual catalogues and sales visits, and has been market-developed over the past two years.

Using Tacton Configurator integrated with their Enterprise Resource Planning system, the company has replaced conventional salesrep-based techniques with a web application, where the user selects a conveyor design from a digital catalogue. They are then presented with different input requirements and options in order to configure a model. Once these configuration requirements have been specified, the Tacton Configurator will propose a solution, complete with delivery information. Customers can also generate and download a 3D CAD model of their selected design. The web-configurator system is available 24/7.

Klas Orsvärn, Executive VP, R&D, Tacton Systems, says: "An important aspect is the Configurator's integration with FlexLink's Enterprise Resource Planning system, so it can gather and present all the information that a client will require at a moment's notice."

Johan Wester, Engineering Tools Driver at FlexLink, says: "The Configurator solution dramatically reduces the amount of time and administration necessary in putting together a quotation – both from the customer's point-of-view, and that of FlexLink."

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UGS Expands Support to Malaysia's Academic Community through an In-kind software grant to Universiti Teknikal Malaysia Melaka

30 April 2007

UGS Corp. announced a plan to strengthen support to academia in Malaysia. As a part of this plan, UGS has presented the Universiti Teknikal Malaysia Melaka (UTeM) an in-kind software grant with a commercial value of more than US\$4 million comprising NX™, UGS' digital product development solution, and Teamcenter™, its collaborative Product Development Management (cPDM) software.

The announcement was made this week at the "Technology Revolution in Design and Manufacturing for Higher Education" seminar aimed at promoting the understanding of the various advanced technologies of PLM. Organized by the faculty of Mechanical Engineering of UTeM, the seminar was addressed by Y. Bhg. Datuk Prof Ismail bin Hassan, vice chancellor of UTeM and the Y.B. Datuk Dr. Ruddin Abd. Ghani, Parliamentary Secretary of the Ministry of Science, Technology and Innovation. The seminar was attended by more than 100 individuals including officials from the Ministry of Higher Education, deans, lecturers and education officers from various Malaysian educational institutes.

"Malaysia's economy is in midst of transforming to an economy driven by knowledge and innovation," said Datuk Pro Ismail bin Hassan of UTeM. "We are aligning our education system in order to produce a respected workforce with expertise in the fields of science, technology and engineering as well as other fields closely associated with innovation. We believe that by leveraging UGS' advanced technology we will empower our students to meet the growing demand of today's manufacturing industries."

The seminar highlighted the technological and industrial relevance of PLM for higher learning in Malaysia and illustrated how PLM can be implemented as a foundation for strategic product innovation and global innovation networks. PLM software helps students and faculty conceive, design, engineer and validate projects using the same tools that today's leading global manufacturers employ. Currently, designers and engineers at many leading companies on a global basis already use UGS® PLM solutions in their product innovation efforts.

“As an industry leader, we believe we have the responsibility to support growth and innovation of economies by working with governments and partners to build capabilities and global competitiveness,” said Hans-Kurt Lübberstedt, executive vice president of Asia Pacific, UGS. “While Malaysia strives towards the new economy, we need to expedite the delivery of PLM technology to the younger generation, and help achieve their goal of producing highly skilled workers for the knowledge-based economy.”

UGS’ is working with its education partner and authorized reseller in Malaysia, CADD CAM Solutions Sdn. Bhd. to deliver the PLM solutions and support to UTeM and other institutes of higher learning in the country to enhance their curricula.

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Unisys Improves Logic Design Team Productivity With Cadence Incisive Formal Verifier

30 April 2007

[Cadence Design Systems, Inc.](#) announced that Unisys Corporation has incorporated Cadence® Incisive® Formal Verifier into its design flow for assertion-based formal analysis. Using Formal Verifier, Unisys experienced productivity gains and improvements in overall quality, delivering advanced complex chips at multiple sites.

Part of the Cadence Logic Design Team Solution's "Design with Verification" approach, Formal Verifier exposed many hard-to-find functional bugs early in the Unisys design cycle, enabling greater team productivity and accelerating project completion. Logic Designers were able to verify design blocks months prior to testbench simulation, resulting in faster and more cost-efficient overall chip verification. Moreover, the assertions developed by the team early in the design cycle were fully reusable in simulation and acceleration/emulation later in the flow, adding greater observability and leading to faster debug and an overall shorter verification cycle.

"Design with verification starting with Incisive Formal Verifier has helped us take our enterprise servers to market more efficiently and earlier, and at a lower cost," said Steve Guarrieri, vice president of platform development at Unisys. "In addition, it helped mitigate the risk of corner-case re-spins, and we've found it easy to broadly deploy into our standard product flow across multiple projects, including our most advanced and complex ASICs."

The Unisys team reported success on multiple projects, including a highly complex ASIC design. The ease of adoption and designer-friendly nature of the Formal Verifier technology further enhanced the Unisys verification environment that included Incisive Design Team Simulator and Incisive Palladium® Emulator. When combined with the comprehensive Plan-to-Closure assertion-based verification methodology, Unisys realized significant productivity gains.

"We are excited to see companies such as Unisys, reaping savings and benefits from the Cadence Logic Design Team Solution's early verification technology," said Steve Glaser, corporate vice president of

marketing, Verification Division at Cadence. "Incisive Formal Verifier offers a complete plan-to-closure assertion-based verification methodology, yields tremendous productivity and quality gains, and provides a perfect fit for design teams that want to optimize RTL bring-up and improve overall project time to market."

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Product News

Autodesk and Architectural Data Systems Collaborate to Enhance AutoCAD Architecture Productivity

4 May 2007

Autodesk, Inc. and Architectural Data Systems (ADS) announced an initiative to enable users of AutoCAD Architecture 2008 software (formerly Autodesk Architectural Desktop) -- full access to ADSearch -- an extensive attribute-based building product search engine from ADS. Through the ADSearch technology, Autodesk intends to provide AutoCAD Architecture 2008 users with access to the broad array of manufacturer catalogs and can rapidly digitally search, manage, and create in-depth product lists made available by ADS.

"We developed ADSearch to make the laborious and manual process of searching manufacturers' sites and reference materials more efficient and less time consuming," said Chuck Williams, CEO of ADS. "With this new initiative, AutoCAD Architecture users could increase productivity and simplify management of multiple data and sites to streamline workflow. We are thrilled to collaborate with an industry leader such as Autodesk."

By integrating our technologies, AutoCAD Architecture 2008 users could gain rapid electronic access to thousands of manufacturer's products: Potential benefits of this relationship include the ability to:

- Automatically capture and store selected data in the user's spec sheets until the user decides how, what and when to save based on specific traits the user requested for the design
- Integrate AutoCAD Architecture 2008 with product selection and spec writing
- Allow product-to-product search capabilities in one search result

"Through our collaboration with ADS, hundreds of thousands of AutoCAD Architecture users could access an extensive library of manufacturer catalogs," said Phil Bernstein, vice president of industry strategy and relations, Autodesk AEC Solutions. "This is the latest example of our ongoing commitment to supporting established industry processes and the large AutoCAD Architecture community."

For more information about ADS visit: <http://www.architecturaldatasystems.com/>.

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Autodesk and HP Extend Family of Trusted Solutions for Design Collaboration

4 May 2007

At the American Institute of Architects convention, Autodesk announced with HP that the latest version of Autodesk Design Review software is available with the new HP Designjet T1100 and T610 Printer series. The solution offers architects, engineers and construction professionals an integrated design review package and the flexibility to easily and efficiently print anytime. For firms such as Skidmore, Owings & Merrill LLP (SOM), Autodesk and HP are helping professionals save time and resources and improve productivity, to complete projects on time and create a competitive advantage.

"The latest Autodesk Design Review software and HP Designjet printers provide architecture, engineering and construction professionals with a powerful combination of technologies for effective collaboration," said Amar Hanspal, senior vice president, Autodesk Platform Solutions and Emerging Business. "Through our joint efforts, we're delivering the quality and accuracy of design information that are essential for the demanding nature of our customers' work."

Autodesk Design Review, popular software for comprehensive review, markup and design collaboration, strengthens design professionals' ability to share and communicate design comments from non-CAD reviewers, digitally and globally. Recently introduced, Autodesk Design Review 2008 features a built-in, improved version of HP Instant Printing, offering a comprehensive package that makes team collaboration and project printing simple and easy.

"HP and Autodesk continue to demonstrate leadership in the market and a commitment to technical design professionals by developing unique solutions that give users a competitive edge," said Enrique Lores, vice president and general manager, Large Format Printing Division, HP. "HP Instant Printing for Autodesk Design Review further simplifies the printing experience by providing users with the ability to print what they want whenever they want it, with only one click, eliminating wait-time and costly outsourcing. Working closely with Autodesk, HP is able to bring dependable printing technology that best meets needs of architectural, engineering and construction professionals."

Seamless Collaboration

[Autodesk](#) Design Review 2008 software supports the design process by enabling even more extensive collaboration on both 2D and model-based information. The software speeds the design review process with intuitive tools for viewing, measuring and marking up compact, detail-rich DWF files without requiring CAD software or expertise. Design Review enables all-digital collaboration and communication of design changes among designers and their team members, tracking changes to designs and allowing easy integration of feedback into Autodesk manufacturing, architecture/engineering/construction (AEC) and geospatial applications, as well as word processing documents and spreadsheets. Incorporating Design Review into their business processes, architects using applications based on Revit or AutoCAD software, for example, can easily share their designs with a

client or general contractor, take advantage of fast, easy printing to HP printers and receive feedback digitally.

SOM, one of the world's leading architecture, urban design, engineering and interior architecture firms, leverages the productivity tools that HP and Autodesk technologies have developed together to efficiently and seamlessly collaborate with its own key partners to create iconic designs around the world.

"Design teams at SOM use Design Review with HP Instant Printing and the new HP Designjet T1100 Printer series to collaborate on design and construction documents, especially between offices," said James Vandezande, associate and digital design manager, SOM. "HP and Autodesk's collaboration has given us the ability to quickly, effortlessly and more responsively work with our partners."

Trusted Choice in Large Format Printing

With the latest version of HP Instant Printing for Autodesk Design Review, customers have batch-print capabilities that accelerate printing productivity when sending multiple sheets, making batch printing of DWF files even easier with HP Designjet printers. HP Instant Printing now also offers automatic media selection so the Design Review software automatically detects what media is loaded on the printer.

In addition, the new HP Designjet T1100 and T610 printers will ship with Autodesk Design Review 2008. This allows HP customers direct access to the new batch printing capabilities with HP Instant Printing. This added feature further enhances the already highly productive, reliable HP Designjet T Printer series. Autodesk Design Review will also support the HP Designjet Z6100, Z3100 and Z2100 printers. Customers using these products can download HP Instant Printing for Autodesk Design Review from the Autodesk Web site at <http://www.autodesk.com/dwf-hpip>.

The HP Designjet T Printer series offers CAD professionals and work teams exceptional productivity and reliability. The new HP Designjet T Printers series, which include the HP Designjet T610 and T1100 Printer series, offers a new standard of print quality with its Three-black ink set and HP Vivera inks, delivering exacting detail. The HP Designjet T Printer series builds upon the proven reliability of HP large-format printers by adding enhanced compatibility and dependability delivered by HP-GL/2 and in-printer processing architecture. In addition, these printers offer print speeds up to three times faster than the previous HP Designjet offering. Combining fast print speeds and outstanding image quality, the HP Designjet T printer series supports HP's leadership in large format printing.

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Autodesk Launches Autodesk Inventor LT

3 May 2007

Autodesk, Inc. announced a technology preview release of Autodesk Inventor LT software, a new member of its Autodesk Inventor family of software products. Inventor LT will help customers enhance

their communications with suppliers and manufacturing partners by making it easy and affordable to create, share and edit 3D part designs.

"Inventor LT eliminates many of the headaches associated with moving files between different CAD systems," said Robert "Buzz" Kross, vice president of Autodesk Manufacturing Solutions. "As a result, customers can realize the benefits of 3D part design and AutoCAD interoperability to get their jobs done faster and easier."

Inventor LT Technology Preview is available only as English language software and is available for download only in the United States and Canada. Additional countries may be added at a future time.

Create, Share and Edit 3D Designs for Improved Supply Chain Communication

Inventor LT helps customers improve their communications with their supply chain by making editable 3D part design data more accessible than ever before. Rich functionality available in Inventor LT enables:

- Multi-CAD translation capabilities for leading native and neutral 3D CAD file formats
- 3D part model creation and editing
- Automated mechanical drawings
- Genuine DWG interoperability with DWG TrueConnect technology
- Photorealistic rendering of 3D part designs

"By supporting multi-CAD interoperability in most leading file formats, Inventor LT provides a tremendous solution for the entire manufacturing supply chain," said Kross. "We are thrilled to make this one-of-a-kind product available to the extended manufacturing community."

To learn more about Inventor LT, or to download a copy of the software, please visit the Autodesk Labs site at http://labs.autodesk.com/technologies/inventor_lt.

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Bentley Announces the ProjectWise Passport

30 April 2007

Bentley Systems, Incorporated announced the ProjectWise Passport – a versatile, portable, and global license for collaboration.

CIMdata PLM Industry Summary

Said Bhupinder Singh, senior vice president, Bentley Software, “To improve the world’s infrastructure, globally distributed enterprises must be able to quickly and easily connect their people and information to facilitate collaboration and improve productivity. Today, 42 of the 50 leaders among the ENR Top 500 Design Firms are using the ProjectWise collaboration system to successfully deliver their infrastructure projects.”

The ProjectWise Passport provides ProjectWise users with a versatile collaboration license that is portable between projects. With just one ProjectWise Passport a user is now licensed for any ProjectWise client, including:

- ProjectWise StartPoint
- ProjectWise Navigator
- ProjectWise Explorer
- ProjectWise InterPlot Organizer

For example, with ProjectWise Navigator – Bentley’s newest addition to the ProjectWise collaboration system – project team members can review and enrich original 2D and 3D design content. This promotes full design collaboration within an iterative workflow to cycle the enriched content back to the design team.

In addition to working as an independent desktop application, ProjectWise Navigator can also operate in a managed environment as a client to ProjectWise StartPoint or ProjectWise Integration Server. Again, the ProjectWise Passport will license all such uses.

Added Singh, “So each user needs only one ProjectWise Passport, no matter how many ProjectWise clients and/or servers he uses to collaborate. This makes licensing and deploying any part of the ProjectWise collaboration system extremely easy and cost-effective, and enables all holders to join any project already equipped for collaboration with the entire team.”

Using ProjectWise technologies, teams are experiencing a faster time to ROI than the 12-month norm. This is due, in part, to their increased ability to manage, find, and share valuable project content for reuse, and immersively review and analyze project designs. High-level benefits include:

- Closer connections between people and information across a distributed enterprise
- Increased project quality leading to improved service to clients
- Easier change management, reduced risk, reduced rework, and cost avoidance

A ProjectWise Passport can be procured as a perpetual license or as a subscription for project use. For more information on the ProjectWise Passport or the ProjectWise collaboration system, go to <http://www.bentley.com/ProjectWise>.

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Bentley Architecture Achieves IFC2x3 Certification

30 April 2007

Bentley Systems, Incorporated announced that Bentley Architecture, an advanced Building Information Modeling (BIM) application for architectural design and construction documentation, has successfully passed certification for the coordination view of IFC2x3. Implemented on the common technology platform for Bentley's building applications, the IFC2x3 translator is also available in Bentley Structural, Bentley Building Mechanical Systems, and Bentley Building Electrical Systems.

Commenting on the certification, Volker Thein, Bentley's product director for Industry Foundation Classes (IFC), said, "The IFC data model is one of the keys to facilitating collaboration among project teams and interoperability among software systems. We at Bentley are proud to have achieved IFC2x3 certification and are fully committed to this standard's ongoing development. It aligns perfectly with Bentley's mission to provide BIM solutions that let architects, engineers, contractors, and owners build as one."

Developed by the International Alliance for Interoperability (IAI), IFC is a global industry standard for sharing design, construction, and facility management data in a vendor-neutral format across BIM applications that support it. By capturing both geometry and properties of intelligent building objects and their relationships, the IFC data model facilitates interoperability among disparate applications, including design applications such as Bentley Architecture, analysis applications, compliance checking software, and so on. As a result, architects and engineers, contractors, building owners and operators, and regulatory agencies can access, modify, and coordinate design and construction information in a single shared model and data repository.

The combination of IFC and information-rich Building Information Models helps overcome the inefficiencies of a distributed and fragmented building industry. At the same time, it enables fundamental process improvements that provide all stakeholders with tremendous benefits, including faster project delivery, less waste, and greater productivity.

In addition to supporting IFC, Bentley's comprehensive portfolio of fully integrated products and solutions provides other capabilities that facilitate the sharing of information and interoperability among BIM, CAD, and analysis applications, such as:

The ProjectWise scalable collaboration system for connecting people and information across the distributed enterprise

- DGN/DWG compatibility
- 3D PDF and Google Earth™ support
- Import/export tools for general-purpose industry standards such as STEP, STL, IGES, DXF, and SKP (SketchUp)
- Import/export tools for many dedicated industry standards such as CIS/2 and SDNF
- Seamless integration with Bentley's STAAD and RAM structural analysis products
- Direct integration with many structural analysis applications, such as GT STRUDL, ROBOT, MIDAS/GENw, and SFRAME
- Direct integration with CAMDUCT duct fabrication solutions
- Integration with power analysis applications – EDSA (US NEC/ANSI/IEEE), AMTECH ProDesign (BS 7671), elcoPower (DIN/VDE)
- Integration with lighting analysis solutions – Lumen Designer, DIALux, Relux

For further information, visit <http://www.bentley.com/buildinginteroperability>.

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Bentley Releases Comprehensive Engineering Design Solution to Advance GIS for Electric Utilities

2 May 2007

[Bentley Systems, Incorporated](#) released its comprehensive engineering design solution to advance GIS for electric utilities.

The solution includes Bentley Electric XM and Bentley Expert Designer XM – two new fully interoperable products built on Bentley's next-generation geospatial technology. In addition, Bentley Electric XM is delivered with a industry best practices data model for electric utilities, along with an intuitive visual modeling editor that can be used to modify and extend the model.

Bentley's solution for electric utilities supports new levels of efficiency in managing electric distribution networks throughout the plan, design, build and operate lifecycle. Enabled with configurable business workflows, the solution helps integrate mapping, facilities management, and design with work management and asset management workflows. Users can optimize designs, specify all materials and

labor required to complete work requests, and have flexibility in managing labor and materials costs, all in the context of defined business processes.

Said Carey Mann, vice president Geospatial Solutions, for Bentley, “By removing the inefficiencies of disparate systems from tightly coupled business processes, Bentley’s new solution represents a new paradigm for electric utilities. For the first time, facilities mapping, design engineering, and analytically driven estimating have been integrated into a single work environment.”

Bentley Electric XM delivers core mapping, network documentation, facility mapping, and facility management functions. In addition, it provides feature placement, editing, and viewing, supports directional network trace and highlight, validates feature placement against configurable business rules, and enables simple service delivery.

Bentley Expert Designer XM extends Bentley Electric XM to add intelligent and optimized design and integrated estimating. It features rapid rules-based placement of facilities, provides an interactive catalog with drag and drop placement, automatically assigns compatible units (standard materials and labor), and facilitates design version and cost comparisons.

Whether graphically editing or dragging catalog items to work points, the estimate is dynamically created as each feature is placed, edited, or removed. Connectivity and structural attachments are maintained, while structural and electrical analytical capabilities support optimal pole, transformer, wire, and fuse sizing.

The Bentley Electric XM data model is extensive and supports:

- Poles, framing standards, switch cabinets, conduits, vaults and duct banks, and guys
- Conducting features in the primary and secondary network
- Maintenance inspections
- Structural analysis
- Guying, pole loading, sag and clearance, and cable pulling
- Primary distribution network
- Conductor
- Transformers, sectionalizers, and other devices
- Electrical analysis

- Local flow, motor starting, and voltage flicker
- Equipment sizing and optimization
- Secondary distribution network
- Street lighting
- Service and loads
- Load modeling and secondary wire sizing

Bentley Electric XM and Bentley Expert Designer XM are part of the increasingly comprehensive solution offered by Bentley to operators of electric utilities. With products to design, build, and operate power generation plants, substations, and transmission and distribution networks, Bentley provides a true plant-to-consumer solution.

Bentley's unique federated data management technology ensures that engineering and business documents are integrated with information stored in spatial databases such as Oracle 10g. It accomplishes this all in the context of definable workflows that support established business processes and enable collaboration among distributed participants.

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Cooper B-Line Cable Tray Systems Catalog Now Available for AVEVA's PDMS

1 May 2007

AVEVA and Cooper B-Line, a global leading producer of Cable Tray, have announced the availability of the initial release of Cooper B-Line cable tray catalog and specifications in AVEVA's 3D PDMS (Plant Design Management System) format.

This release of the Cooper B-Line Cable Tray Catalog for PDMS contains 304 & 316 Stainless Steel Ladder Straight Sections, Fittings and Accessories. Additional separate catalogs for the various B-Line Cable Tray product lines will be released within the next 90 days. These include the Aluminum Ladder Straight Sections, Fittings and Accessories; Hot Dipped and Pre-Galv Ladder Straight Sections, Fittings and Accessories; and the Polyester & Vinyl Esther Ladder Straight Sections, Fittings and Accessories.

The catalogues are available free of charge to all Cooper B-Line and AVEVA customers. For more information, please contact Cooper B-Line toll-free at (800) 851-7415, via Email: blineus@cooperbline.com, or on the web at <http://www.cooperbline.com/product/CableTray/index.asp>.

Cooper B-Line manufactures quality support systems for the electrical, mechanical and comm/data industries.

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Dassault Systèmes' DELMIA Part of Transnational Research Project at Airbus

3 May 2007

[Dassault Systèmes](#) announced that [Airbus](#) has completed a major research project that is expected to result in a greater level of automated drilling applications within the aerospace giant. This patent-applied-for process, which incorporates [DELMIA V5 Robotics](#) software, is aimed to reduce costs, cut production time, and improve quality.

“Our research is part of a drive to significantly reduce manual processing across aircraft programs. Standard industrial robots are not accurate enough for our process specifications, as absolute positional accuracy of ± 0.2 mm is required in many application areas. Our team brought together two development partners, KUKA UK and M3, using DELMIA solutions, to address this problem and come up with a way to bring a low cost, flexible robotic platform into the aerospace sector,” explains Mark Summers, engineering group leader, Automation and Robotics, Airbus UK. Company-wide, Airbus drills around 50 million holes per year, half of which are manually processed.

M3 is a METRIS metrology integrator, and a DELMIA UK Service Partner. The new Airbus process links a METRIS system to the KUKA robot dynamically, on-line. All of the robot programs being created off-line use DELMIA's Robotics simulation solutions.

“Because aircraft parts are so large and accuracy requirements so high, Off-Line Robotic Programming was needed. DELMIA Robotics Simulation software technology with our metrology interface and integration means the robot is consistently running programs, accurately, and data is referenced back to the CAD master dynamically on-site. The first production system will be put into action at Airbus in the UK,” said Roger Holden, managing director of M3, the company with joint commercial rights to this solution (with KUKA UK). The project is a real partnership between Airbus, KUKA, METRIS, and DELMIA.

The unique and fully integrated metrology system measures the virtual world first and adapts the real world to fit, making the robot intelligent enough to make its own adaptations. This means that it can make accurate allowances for temperature fluctuations, for example. The system makes the robot aware of deflections by measuring the relative positions of the target and the robot as it moves towards it. The robot is then able to coordinate that data and make the necessary compensations.

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Delcam Adds Multi-Axis Option to PowerINSPECT On-Machine Verification

2 May 2007

Delcam has added a multi-axis option to the On-Machine Verification version of its PowerINSPECT inspection software. With this option, companies with four-, five- or six-axis equipment will be able to undertake comprehensive verification of their parts on their machine tools, both during and after machining.

The main advantage of the new option will be the ability to check any undercuts, without any need for re-positioning the workpiece. Similarly, it will be possible to check inside features that are not accessible from the z direction. For example, a series of holes at different angles could be checked in a single operation. In addition, shorter styli will be able to be used when checking deeper pockets or walls, by lowering the head of the machine tool towards the job and inclining the stylus towards the surface to be measured.

The OMV version of PowerINSPECT offers all the advantages associated with the releases of the software for use on dedicated inspection equipment. It gives both quick and easy comparison of tooling and sample components against CAD data, and produces clear, comprehensive reports that can be understood by everyone involved in the product development process, not just inspection specialists. The system allows off-line programming of the inspection sequence for the machine tool, with fully-integrated simulation, and so minimises the time taken on the machine for the verification operation.

The most obvious benefit of On-Machine Verification is for those companies that do not have existing inspection capabilities, for example, organisations that machine parts so large that the cost of dedicated facilities is prohibitive. Most modern machine tools either come with, or can be retrofitted with, probing capabilities to assist in the set-up of the job. With the OMV version of PowerINSPECT, this same equipment can now be used for verification at little extra cost. The ability to program complete verification sequences off-line means that there can be minimal interruption to the machining operations.

On-Machine Verification can give time savings by enabling the quality of the component being machined to be monitored at all stages in the manufacturing process. This will allow any errors to be detected earlier, and so corrected more quickly and at lower cost. For example, it will be possible to check that the correct amount of stock has been left on the component after a roughing operation, rather than having to wait until all machining operations have been completed before discovering that an error has been made.

Similarly, the extent of any damage caused, for example, by a tool breakage, can be assessed accurately and a decision made immediately to determine whether the part can still be completed within tolerance or whether it will have to be scrapped.

On-machine verification will also benefit companies with customers that insist on independent inspection of their work. By carrying out an initial verification on the machine, errors can be detected, and corrected, that might otherwise not be found until after the component had been shipped to the inspector.

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Elmo BoM 2006 CAD-ERP Data Exchange Application Receives Autodesk Inventor 2008 Certification

29 April 2007

Elmo Solutions (<http://www.elmosolutions.com/?ref=070429>) announced that its Elmo BoM 2006 CAD-to-ERP exchange application (http://www.elmosolutions.com/bom_data_extraction.html?ref=070429) has successfully passed Autodesk Certification for Autodesk Inventor 2008.

Autodesk has certified that Elmo BoM 2006 has demonstrated the highest level of interoperability with Autodesk Inventor. Elmo BoM 2006 not only addresses the needs of Autodesk users, but also those of all their colleagues, particularly those who work along the production process. It allows extracting and exporting, in just one single operation, of all of the product data it finds in Autodesk Inventor, SolidWorks, Visio, AutoCAD, AutoCAD Architectural, AutoCAD Electrical, AutoCAD Mechanical and Mechanical Desktop. The extracted BoM (Bill Of Materials) takes the form of a single XML or Tab-delimited file which can then be imported or attached in third-party applications (such as Excel, Access, etc.), or brought into any ERP system, thus making CAD product data available for other purposes such as engineering, production, costing, etc. It was designed to make data available in a timely fashion throughout the entire Product Lifecycle. Elmo BoM 2006 is available as a trial downloadable version on the Elmo Website at http://www.elmosolutions.com/elmobom/elmo_bom.htm?ref=070429.

Elmo Solutions's President and Science Officer, Ricardo Talbot, said: "We are pleased - and very proud - that once, again, Elmo BoM was among the first products to pass Inventor 2008 certification with flying colors, without any modification whatsoever. That says a lot about Elmo Solutions's commitment toward the highest quality standards in software development. We believe our enhanced solution will help PLM/CAD customers obtain the best possible return on their huge past investment in the creation and maintenance of their digital design data and metadata by making these priceless assets available to all departments of a company (production, sales, marketing, costing, service, etc.). Elmo BoM was the first of our rich collection of tools that will allow to dig for these hidden treasures."

Established in 1979, Elmo Solutions is a leader in the creation, management and publishing of engineering documents and metadata. The current Elmo Solutions offering also includes Agni Link (http://www.elmosolutions.com/elmo_link_cad_erp_interface.html), a live, bidirectional link between CAD and ERP systems, and Elmo Enterprise Search (http://www.elmosolutions.com/elmo_enterprise_search_engine.html), an enterprise search engine targeted mainly at engineering and manufacturing users.

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Hansen and Enterprise Informatics Announce Strategic Partnership

1 May 2007

[Hansen Information Technologies](#) (Hansen®), a leading provider of enterprise applications for the public sector, announced a new partnership with Enterprise Informatics, Inc., a leading provider of Enterprise Information Management solutions that ensure rapid access to accurate information in the context that it is needed. This partnership with Hansen uses the eB Document Management solution, proven in government, nuclear and other regulated markets, to extend the Hansen product suite.

The Hansen solution offers customers a solution to manage critical business processes in federal, state and local governments. Government organizations constantly face pressure to increase quality and timeliness of service for their customers and turn to optimizing information processing to meet these demands. Hansen customers are increasingly challenged with managing volumes of paper and digital documents. Enterprise Informatics extends Hansen's integrated suite of solutions to manage these documents and provide access through Hansen's Version 7 and Version 8 interfaces with eB. Hansen customers such as the City of Las Vegas and Jefferson County in Louisville, Kentucky are successfully using eB to meet these challenges.

"Hansen has an extensive customer base in government markets and a reputation as the leader of intelligent and innovative enterprise applications for government. That makes Enterprise Informatics' future with Hansen Information Technologies exciting," said Enterprise Informatics CEO, Alan Kiraly. "Our business plan for government organizations is focused on being the leading solution provider for managing relevant and accurate document and records information. Partnering with the leader of enterprise applications, Hansen Information Technologies, now offers Hansen customers a comprehensive information management across their enterprise. Hansen Information Technologies is a great company that fits our stringent criteria. We are excited to have Hansen Information Technologies as a partner."

"[Enterprise Informatics](#), a market leadership in content management and the proven flexibility of Enterprise Informatics' eB®, coupled with a synergistic market focus, offers tremendous value to government, utility and nuclear markets," said Chuck Hansen CEO of Hansen Information Technologies. "Economies around the world are seeking to find a solution that delivers a robust, reliable and complete solution that is easy to use. Based on many years of implementation knowledge, leveraged with additional research, Hansen is confident that that Enterprise Informatics' eB will provide all of the records and document management services needed to complement Hansen's comprehensive solution portfolio."

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IBM and Camilion Team Up to Deliver Product Lifecycle Management Solutions to Insurers

1 May 2007

IBM Global Business Services and [Camilion Solutions](#), a leading provider of Product Development Solutions and Policy Administration Systems to the insurance industry, announced an agreement whereby IBM is now a reseller for Camilion's flagship software solution, ProductAuthority™. IBM,

which is the largest provider of IT solutions to the global insurance industry, supporting more than a billion transactions a day, will also resell Camilion services and training.

Industry experts predict that customized, niche products in life, health and property are the next phase in insurance. Capitalizing on that trend will require dynamic product lifecycle models designed to quickly take advantage of fluctuating market and customer demands, as well as information systems and data to help identify, predict and manage to those demands.

The world's only "pure" insurance product configurator, ProductAuthority provides IBM with the crucial product development component for their enterprise Insurance Product Lifecycle Management (PLM) solution. IBM will provide the integration expertise, the business knowledge required around data and analytics, and the hardware and software platform to optimize speed to market and performance. This end-to-end PLM solution will enable customer-driven product development and allow business users to better manage product information and make it consistent throughout the enterprise. In addition, insurers will realize significant process improvement and costs related to product development, distribution and customer service would be dramatically reduced.

"Camilion's partnership with IBM gives both our organizations the unique ability and experience to facilitate a critical business transformation for our mutual customers," said Ross Orrett, President and CEO of Camilion. "Built to capitalize on a Services-Oriented Architecture (SOA), ProductAuthority will easily integrate with key data and analytics solutions that IBM will provide, as well as next-generation Policy Administration Systems, to enable insurers to meet their future product development requirements."

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IBM and Dassault Systèmes Launch 3DLive for Online 3D Collaborative Intelligence Connecting People Live in 3D

2 May 2007

IBM and Dassault Systèmes ([DS](#)) announced the availability of 3DLive collaborative intelligence solutions to maximize interaction, improve decision making and accelerate innovation. 3DLive leverages the full power of real-time 3D through an intuitive user interface to search, navigate and collaborate online, which puts product intellectual property (IP) at the fingertips of everybody involved in PLM activities, wherever they are.

"3DLive literally puts all stakeholders on the same page, using 3D as a universal media through which they can work together, accelerating decision making and driving innovation, in production, marketing, project management and at the executive level. We are leveraging the PLM IP we built up over the years in new ways," says Thierry Delaporte, VP Deputy Operation Office, Space Engines Division, Snecma, SAFRAN Group. "With 3DLive, we can maximize our existing PLM investments."

“With 3DLive, Dassault Systèmes is introducing its next generation of online 3D applications, which will use 3D as a powerful online media to expand collaborative product innovation communities,” says Dominique Florack, senior executive vice president, product - R&D, Dassault Systèmes. 3DLive is a revolutionary lightweight solution composed of ‘live’ applications that broaden the collaborative nature of PLM, first available for CATIA, ENOVIA and DELMIA.

“3DLive is a truly revolutionary solution that offers benefits never before envisioned in product development and team collaboration,” explains Al Bunshaft, vice president, IBM PLM Solutions. “The power to conceptualize, develop and deliver products in a shared environment over the Web presents enormous possibilities for customers seeking an advantage in the fast-paced and ultra-competitive markets where they do business.”

3DLive will become available to all customers by late June. General availability for DS is immediate and late June for IBM.

All new online applications from Dassault Systèmes will be labeled Version 6.

To learn more about IBM and PLM, visit: <http://www.ibm.com/solutions/plm>

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Informative Graphics Releases Free MYRIAD 3D Reader

2 May 2007

Informative Graphics Corporation ([IGC](#)) announced the release of its free MYRIAD® 3D Reader. MYRIAD 3D Reader is both a desktop application and an ActiveX component that can be embedded in other programs or run inside web pages in Internet Explorer, Firefox or Netscape.

IGC has included its Visual Rights® persistent security technology in the new MYRIAD product line. MYRIAD 8 Service Release 1 (releasing soon) allows users to publish 3D CAD models with added dimensions, cut away or cross section views and changed part colors, then publish to secure 3DF to control what reviewers can do with the model data. Visual Rights include hard or relative expiration dates, password protection and rights restrictions like measure, inside part viewing, printing and copying. Visual Rights are persistent with the model and utilize US export-approved data encryption.

The MYRIAD 3D Reader also opens 3D DWF models, STL files and static VRML CAD models. It can be used commercially for free; however, additional licensing may be required for bundling the MYRIAD 3D Reader into other fee-based software products/services. MYRIAD 3D Reader replaces the ModelPress Reader.

MYRIAD 3D Reader key features:

- Supports secure 3DF models published by MYRIAD 8 SR1 (releasing soon)
- Supports 3D DWF, STL and VRML (CAD-published) files
- Orbit, fly through, find part by name, identify part by selection, explode, cross section
- Full 3D measurements, approximate part volume, mass center and more
- ActiveX interface works with IE and Firefox/Netscape (additional download required)
- Simple interface

MYRIAD 3D Reader is available for immediate download at <http://www.myriadviewer.com/>.

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i2 Cycle Time Optimization Enables Retailers to Understand and Shrink Product Lifecycle of Private Label Products

2 May 2007

The retail landscape is changing and the market is looking to differentiate through better tailoring the customer shopping experience and introducing private label products exclusive to their retail chain. However, bringing private label goods into the mix adds supply chain complexity as retailers struggle to shorten the product lifecycle so they can react faster to the latest fashion trends. Retailers looking to gain a competitive edge in this area are implementing the cycle time optimization solution from i2 Technologies, Inc. With new trends in outsourcing the supply chain is getting longer, and this solution provides visibility from the manufacturing process to the store shelf. The ability to track merchandise throughout its lifecycle and reduce time-to-shelf enables better decision making capabilities during the selling season.

i2 Cycle Time Optimization is designed to reduce concept-to-store cycle time. The solution can create capacity constrained product plans to synchronize with in-store assortment plans, pre-position key raw materials and optimize inventory (finished and raw material) throughout the value chain, and reduce distribution and handling costs. The entire value chain is connected through the cycle time optimization solution using an integrated retail and supply chain planning process.

“Retailers can use i2 Cycle Time Optimization to become more customer centric by making assortment decisions closer to the selling season and keeping their private label products in sync with the world’s latest fashion trends,” said i2 Vice President of Retail, Chuck Kramer. “This can reduce the risk in selection of style and quantity of purchase as well as reduce inventory risk through cycle time reduction from store to store. By leveraging this solution, retailers have the opportunity to gain a distinct competitive advantage and reap significant value.”

i2 Cycle Time Optimization offers retailers the following benefits:

- The ability to react to fashion trends closer to the start of the season
- The opportunity to optimize and manage spend across the supplier base
- Reduced distribution and handling costs
- Reduced inventory without reduced customer service levels

[i2](#) Cycle Time Optimization will be available in the i2 Business Content Library, a repository of process and technology solutions based on i2's more than 20 years of supply chain domain expertise. These solutions can be utilized without modification or can help accelerate the customization and deployment of composite solutions.

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LMS Virtual.Lab Landing Gear Reduces Errors and Saves Time in Landing Gear Engineering

2 May 2007

[LMS](#) announced the introduction of a dedicated simulation solution for landing gear systems based on LMS Virtual.Lab Motion. The new solution allows development teams to build detailed aircraft landing gear models, reliably simulate their real-life performance, quickly assess multiple design alternatives and optimize aircraft designs before prototype building. LMS Virtual.Lab Landing Gear has been developed in close cooperation with several aircraft and landing gear manufacturers to cover the specific engineering challenges in developing landing gear systems.

LMS Virtual.Lab Landing Gear supports development teams in gaining a detailed insight in the dynamic behavior of the landing gear, and its overall performance in terms of reliability, stability and safety. The integrated solution supports the analysis of the behavior of the landing gear in all regular maneuvers. It also assesses the response of new system designs to extreme and failure load cases, for which physical tests are either too dangerous or too costly to perform.

LMS Virtual.Lab Landing Gear includes a dedicated user interface which is fully customized to the specific modeling and simulation process for landing gear engineering. This allows users to build their design from pre-defined and fully parameterized landing gear templates or to create their own landing gear configuration template. To assure a realistic representation of the landing gear, the simulation models include tires, wheels, brakes, telescopic oleo damper struts and linkages to brace and retract the system. The models incorporate aerodynamic loads and information about retraction, deployment, take-off, landing and ground maneuvers. Based on the model parameters, LMS Virtual.Lab automatically assembles the complete landing gear model, applies the ground load cases, runs the simulation and

performs standardized post processing of the results. This integrated process eliminates extensive modeling efforts, removes potential modeling errors and supports the quick assessment of design alternatives.

The new Landing Gear solution is based on LMS Virtual.Lab Motion, offering advanced multi-body simulation capabilities to assess dynamic system behavior. LMS Virtual.Lab Landing Gear therefore takes the flexibility of components and the operation of control systems into account to accurately calculate loads on components and the complete landing gear under a wide range of operating conditions. For example, landing gear retraction and extension can be simulated to size the actuators and hydraulic valves that drive these maneuvers. Takeoff, landing, taxiing, symmetric and asymmetric braking and other ground maneuvers can all be accurately simulated to validate the correct functioning and the safety limits of new landing gear designs.

Dedicated post-processing features help engineers to easily identify and solve problems in the landing gear design. Users can review dynamic responses, including all system loads, accelerations and positions. They can detect collisions based on detailed CAD models, analyze motion envelopes and force vector animations.

“LMS Virtual.Lab Landing Gear addresses the key requirements of landing gear development teams to assess the overall performance of a new design or a set of derivatives in the shortest possible time,” commented Willy Bakkers, Vice-President and General Manager of the LMS CAE Division. “The new LMS Virtual.Lab solution ensures that aircraft engineers can optimize their design before building prototypes and maximizes their return from the available test resources.”

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Mentor Graphics Announces More Than 500 Companies Have Downloaded Fast Algorithmic C Datatypes

3 May 2007

Mentor Graphics Corporation announced that more than 500 companies and organizations have downloaded its Algorithmic C™ (AC) datatypes. Originally announced in June 2006, AC datatypes are arbitrary-bit-width datatypes based on ANSI C++. They enable algorithm, system and hardware designers to precisely model bit-true behavior in C++ specifications while accelerating simulation speeds by 10-200x faster versus alternate datatypes.

More than 500 companies and organizations worldwide have downloaded AC Datatypes for free from the Mentor Graphics web site (go to <http://www.mentor.com/esl>). This includes individuals from leading electronics companies, R&D organizations, academic institutions, government agencies, and electronic design automation (EDA) tool vendors.

AC datatypes reduce many of the compromises inherent in previous datatypes. In terms of precision and performance, AC datatypes offer the best of both worlds: the ability to specify arbitrary bit widths, while

improving simulation performance by 10-200x versus other datatypes such as SystemC. AC datatypes also solve problems of semantic consistency associated with other datatypes. The semantics of AC datatypes are intuitive and consistent, enabling designers to become proficient in just one day. In contrast, there are semantic differences between limited precision SystemC datatypes (sc_int or sc_fixed_fast), and the arbitrary precision datatypes (sc_bigint or sc_fixed). In reality, proficiency in one SystemC datatype does not ensure familiarity with the others, making it error prone to adjust bit-width in a given design. The AC datatypes have been architected to be easily used with ANSI C++ or SystemC design flows.

“Facilitating rapid progress from design concept to implementation is the core value proposition of electronic system level (ESL) design,” said Shawn McCloud, high-level synthesis product line director, Design Creation and Synthesis Division, Mentor Graphics. “In the algorithmic space, the free AC datatypes from Mentor Graphics increase designer productivity while enabling even greater control over design intent, all in a language that designers already know and trust. We are very happy that designers are embracing this approach and are surprised to see how quickly the new datatype is being adopted.”

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Moldflow Launches Chinese Version of Moldflow Plastics Insight 6.1

27 April 2007

Moldflow Corporation announced the release of Moldflow Plastics Insight® (MPI®) 6.1 in Simplified Chinese.

Ken Welch, executive VP and general manager of Moldflow’s Design Analysis Solutions business unit, states, “This release of MPI further validates our commitment to local language support, especially in a market as dynamic as China’s.” He continued, “As China expands the range of plastics applications designed and manufactured domestically, it needs tools like MPI to optimize their part and mold designs, increase part quality and increase competitiveness in a cost conscious market.”

First released in November 2006, MPI 6.1 delivers new technologies and key enhancements to help users investigate and solve potential design issues, better interface with structural CAE software programs, reduce solution time, and work more efficiently.

Availability

MPI 6.1 is available now in Simplified Chinese, Japanese and English. For more information, please call Moldflow China at + 86 21 5820 1677 or go to <http://www.moldflow.com/>.

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MSC.Software Signs a Source Code License and Distribution Agreement With nCode

2 May 2007

MSC.Software Corporation announced a source code license and distribution agreement with nCode International, a leading provider of computer-aided analysis (CAE) technologies and services focused on product life performance and durability. This agreement enables MSC.Software to better embed durability technology throughout its product offerings including its SimEnterprise suite.

Because manufacturers face tremendous pressure to bring products to market under increasing time constraints, safety and predictive failure have become mission critical. As two of the leaders in enabling technology that accurately simulate and predict the fatigue life of mechanical products, systems and components, MSC.Software and [nCode](#) have enjoyed a strong working relationship focusing on durability for more than a decade. This next level of the relationship will enable customers to more quickly embrace and apply durability testing as a standard part of the product innovation process.

"As the leader in enterprise simulation, MSC.Software takes this step to better serve our customer needs, helping drive more innovative products to market faster, and with higher levels of confidence in safety and durability," said Doug Peterson, senior vice president of product development for MSC.Software. "By streamlining the users access to these capabilities, we enhance process performance and the ability to more broadly expose this technology throughout our product suite. We look forward to delivering this technology as an embedded part of forthcoming releases."

"nCode is pleased to broaden the reach of its durability technology through MSCSoftware's embedded durability solutions which increases the ability of manufacturers to accurately predict product life performance and durability," said Brian Dabell, chief executive officer, nCode. "By embedding this code within the SimEnterprise suite, companies will now be able to more efficiently and seamlessly share durability results and information as part of their enterprise simulation."

"The acquisition of fatigue and durability technology allows MSC.Software to broaden its multidiscipline offering while expanding overall end user capability through SimEnterprise for additional value to our customers," said Glenn Wienkoop, president and chief operating officer, [MSC.Software](#). "With MSC.Software's unique SOA, SimEnterprise is rapidly evolving as the one-stop shopping source for CAE."

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Multi-Axis Turning, New in SprutCAM 2007

27 April 2007

SprutCAM has continued its policy of offering CAM software at a realistic price with the launch of SprutCAM 2007.

The latest version contains a new turning module for lathes and mill/turn centres as well as all the features of the existing software for programming 3-axis and 3+2 axis machining centres. In addition, the latest version includes a new job list structure interface. There is also advanced graphical toolpath simulation and collision detection, which is both faster and clearer to give users absolute confidence in the reliability of their cutterpaths.

Dave Pearson, Managing Director of Sprut Technology (UK) Ltd, said, “The addition of the turning module makes SprutCAM 2007 an even more effective package for manufacturers. The system will make it easy for them to programme all their machines in one system and work towards lean manufacturing by optimizing both their milling and turning methods, while minimizing their levels of software investment.”

The turning cycles within SprutCAM 2007 are extensive and include roughing, groove roughing and finishing, threading, parting off, drilling, tapping and boring. Working from the stock and the original model of the part, the software continually updates the shape of the component after each turning operation, including changes due to mill/turn operations. The transparent workpiece graphics make it easy to see how the part is progressing and ensure that subsequent toolpaths consider the actual material remaining, which will avoid collisions and minimize air cutting.

The improved high precision simulation in the latest version will verify both turning and mill/turn operations and provides collision detection and accurate visualization of the toolpath. As with SprutCAM’s milling packages, and the new completely integrated turning software, toolpath editing provides a powerful means of controlling the exact tool trajectory, while the customisable postprocessor generator and postprocessor library enables users to tailor the CNC code to suit their exact requirements.

Sprut Technology focuses on personal service and support for its customers and has introduced online tools for rapid response to technical queries. Dave Pearson concluded, “SprutCAM 2007 is a completely integrated and seamless system which can import CAD data from leading packages. It is ideal for both experienced and inexperienced CAM users, enabling them to optimize the productivity of their workshops without extensive training and at an affordable cost, thereby maximizing return on investment.”

About Sprut Technology (UK) Ltd

As the exclusive reseller for SprutCAM in the UK, the company has been offering the software since 2003. Its customers range from large corporations, which need an easier way to programme their machines, to small engineering companies which would normally find CAM software too expensive. The software, developed by SprutCAM in Russia, has been designed to be easy to use and cost effective, and is sold in over 40 countries around the world. Additionally, Sprut Technology (UK) Ltd is an agent for the TRYAX range of milling machines, which combine economy with rugged design, and it is the sole UK and Ireland reseller for Kompas-3D a parametric three dimensional modelling system developed by Ascon JSC, based in St Petersburg, Russia. By offering CAM, CAD and machine tools the company is unique in the knowledge, service and experience it can share with its customers.

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Right Hemisphere Adds PLM Specialist Virtual Services to Its North American Channel Operations

30 April 2007

Right Hemisphere® welcomed Virtual Services, Inc. into its channel operations to help respond to increasing demand and opportunity for Right Hemisphere's solutions in North America. Virtual Services, a product lifecycle management (PLM) specialist, signed a value-added reseller (VAR) agreement with Right Hemisphere which authorizes the company to sell, support, and install Right Hemisphere's software throughout North America.

"Virtual Services has over 450 customers and is well known in the automotive and aerospace industries. With their expertise, they are an ideal partner for any manufacturer looking to streamline its supply chain collaboration capabilities," said Randy Ochs, vice president of strategic alliances and channel development at [Right Hemisphere](#). "Right Hemisphere is very pleased to welcome this highly skilled team of professionals into its channel program."

Virtual Services is a leading supplier and implementer of PLM solutions to automotive, aerospace and defense companies. The company is particularly adept at helping manufacturers achieve supply chain synchronization. Virtual Services offers its own solution, called LEaP (Linked, Enabled and Proficient). LEaP helps manufacturers improve their product quality while reducing time and cost requirements by integrating suppliers into the manufacturers' product development, design, and manufacturing environments.

"Using a combination of our LEaP solution and Right Hemisphere's Deep Server software, we can rapidly enable manufacturers to integrate suppliers into their product design, development and manufacturing processes without forcing them to use one set of CAD or PLM tools," said Mike Fecek, vice president of sales at Virtual Services. "Right Hemisphere's software is a neutral visual communication hub between tier one, two, and three suppliers, so everyone can work with the tools they are most comfortable with and still securely share data and collaborate effectively. Deep Server is a critical enhancement to our supplier collaboration solution that will enable manufacturers and suppliers to use product graphics to communicate and collaborate both within and across their extended enterprises."

For more information or to contact Virtual Services, please go to <http://www.virtualgrp.com/> or call the company at (248) 498-1000.

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SAP Expands Document Management Capabilities with Archiving and Document Access Solutions from Open Text

2 May 2007

SAP AG and Open Text™ Corporation announced a joint worldwide offering to help companies efficiently manage the growing amount of data and documents crucial to effective business operations. SAP is reselling solutions from Open Text, the largest independent provider of enterprise content management (ECM) software.

Adding capabilities for secure, long-term archiving, Open Text's solutions complement the existing document management capabilities of SAP® applications. This solution helps customers increase business process efficiency, reduce risks and ensure compliance with government regulations.

Based on Open Text's Livelink ECM solutions, SAP will resell applications marketed under the names "SAP Archiving by Open Text" and "SAP Document Access by Open Text." Available today, the archiving and document access applications are targeted toward the financial services industry as well as public sector organizations, healthcare companies and other service organizations.

Two Decades of Partnership

This global reseller agreement builds on two decades of partnership between SAP and Open Text. Open Text's Livelink ECM Suite for use with [SAP](#) applications is a mature and well-established offering deployed in more than 2,500 SAP customer sites around the world.

"GATX is in the midst of implementing Open Text's Livelink ECM, which was selected, in part, for its proven integration with SAP applications," said Yvonne Scott, CIO, GATX Corporation. "The solutions, now available directly from SAP, should help us to cost-effectively manage the growth of our data. The solutions from these two highly regarded companies are expected to maximize data security and integrity and improve system performance and availability while allowing us to address regulatory compliance. Once fully implemented, this will enable us to better focus our attention on other investments in our business."

Archiving and Document Solutions Incorporate Livelink ECM Components

Open Text's Livelink ECM solutions for use with SAP applications consists of two primary components that address data and document archiving and document access in an SAP application environment:

- SAP Archiving by Open Text incorporates the imaging, SAP data and document archiving components of Livelink ECM. It is a secure, cost-effective solution that stores data on optical media or compliant disk storage with logical to physical archive management. This helps to lower the cost and risk of meeting data retention and destruction requirements. Document archiving helps eliminate information silos and reduces the need for time-consuming regular mail or expensive express delivery services as well as the need for paper archives.

- SAP Document Access by Open Text incorporates the capabilities of the archiving solution and extends it with the ability to provide SAP applications with a process-oriented and application-spanning view of all business documents and data across SAP and non- SAP applications. A Web browser-based interface also allows occasional users to easily retrieve content.

“We have had a close relationship with SAP for many years and we look forward to engaging with SAP further to drive archiving and ECM solutions in the marketplace and help customers address the growing complexity of managing information and compliance demands,” said John Wilkerson, executive vice president of Global Sales, Services and Support at Open Text. “We offer proven archiving and ECM solutions. At Open Text, we will continue to expand our offerings to include business and industry-specific solutions for managing enterprise content tightly integrated with SAP applications.”

SAP Archiving by Open Text and SAP Document Access by Open Text can be purchased and supported directly from SAP.

“Our enhanced relationship with [Open Text](#) underscores our commitment to empower customers to take a holistic approach to Enterprise Content Management,” said Tom Shirk, president, SAP Global Public Services. “The ease of use for data and documents is a key pillar in any document management initiative, and, in particular, in the services industries. Open Text products have proven their value throughout a long track record of success with SAP customers and provide solid capabilities which complement SAP applications.”

Open Text is an SAP Software Partner with certified integrations and the companies have shared two decades of partnership and co-development. As a result of this cooperative relationship, Open Text, which acquired IXOS in 2003, is the market leader in document management, document archiving and data archiving for SAP solutions. Broad-based and industry solutions let enterprises create, access, manage and securely archive all content for SAP solutions—both data and documents—to address stringent requirements for risk reduction, operational efficiency and IT consolidation.

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Selerant Shouts 'Action' for DevEX®; DevEX Swings and Sings on Microsoft SQL Server 2005 and Microsoft Office SharePoint Server 2007

3 May 2007

Selerant (<http://www.selerant.com/>) announces plans to release its web-based Product Lifecycle Management solution, DevEX, on Microsoft SQL Server 2005 this December 2007. "We have seen a steadily increasing demand for Microsoft SQL Server 2005 support from our customers," states Carlo Colombo, CEO of Selerant. "We are certainly pleased to put into motion a plan that will not only satisfy the immediate demand, but will prepare DevEX for the future with our plans for integration with Microsoft Office SharePoint Server 2007."

The plan will not be alone, many DevEX users will find themselves in motion as they collaborate faster, expedite products through development lifecycles, and customize their implementation to create truly unique toolsets -- all with the added ability of a closed certified connection with Microsoft SQL Server 2005 and Office SharePoint Server 2007.

"This two-way closed communication ensures that users will have the ability to import and export data securely and seamlessly between the toolsets of DevEX and Microsoft Office SharePoint Server 2007," explains Colombo. "We are essentially providing a superior level of formulation development, regulatory compliance, and collaboration to customers who prefer solutions built with certified Microsoft integration."

[Selerant](#) already has customers who have signed contracts or are currently in the contract negotiation process. "We have seen a significant upswing in interest," states Sunil Thomas, Selerant's Vice President of Sales and Marketing. "While these customers have initially come to us for our expertise in regulatory compliance, formulation development and global collaboration. The changing factor now in the final stages of contracts is the standardization to Microsoft SQL Server 2005 and the ability to use Office SharePoint Server 2007 tools directly from DevEX."

"We are pleased that Selerant's DevEX will be offered on SQL Server 2005," said Don Richardson, director of Worldwide Manufacturing Industry Strategy at Microsoft Corp. "By adopting SQL Server 2005 technologies, Selerant's solution will provide formula-based manufacturers with a scalable web-based end-to-end product lifecycle tool on the Microsoft platform."

While DevEX has always enabled scalability, the Microsoft platform amplifies the degree of flexibility, security, and cost-efficiency. DevEX users can optimize their unique implementation suites and elevate their own efficiency and profitability to new levels while ensuring global compliance to the strictest standards, all while utilizing Microsoft Office SharePoint 2007 features.

"Our standards demand that we not only promise new developments, but put these promises of development into action," says Colombo. "This closed integration between DevEX and Microsoft SQL Server 2005 and Office SharePoint 2007 will be the first of many steps in our very promising DevEX product roadmap. And that's why we are very excited to shout, 'Action!'"

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The IGE+XAO Group Announces the First Version of a Software Package Covering the Entire Electrical Harness Design Process and Integrated to Dassault Systèmes Solutions

2 May 2007

The [IGE+XAO Group](#) launched the first version of a software package, totally integrated to Dassault Systèmes CATIA and covering the complete electrical harnesses design process for the aircraft and

automotive markets. Named SEE Electrical Harness PLM for CATIA, this complete CATIA V5 suite allows creating logical harnesses using data stemming from systems and digital mock-up designs.

This product, the first new on the market, is the result of a close partnership set-up between the two companies. With 46,000 licenses sold, the IGE+XAO Group has brought to this partnership all the expertise acquired in more than 20 years in the field of Computer-Aided Design (CAD) software dedicated to Electrical Engineering, Systems and Fluids.

"SEE Electrical Harness PLM for CATIA", masterminded by the IGE+XAO Group, includes in particular a topology module which allows to generate and manage the cabling, taking into account the routing criteria imposed by the professional rules. These functionalities offer the possibility to major industrial companies the opportunity to design more precisely and faster their electrical harnesses, and therefore to reduce the development cycles significantly.

For Alain Di Crescenzo, IGE+XAO Group CEO, "We are convinced that these innovative solutions are a real opportunity for companies equipped with CATIA to develop faster and thus reduce their costs. This first version is a key step in the Gold partnership signed with Dassault Systèmes and we expect significant consequences for our companies."

"The Dassault Systèmes solutions dedicated to systems modelling and simulation in a collaborative environment bring unequalled added value for the development of sophisticated products, thanks to an innovative logical and physical design approach. The IGE+XAO Group expertise in Electrical CAD as well as its large component library complement the PLM CATIA V5 solutions for the design and manufacturing of electrical systems" stated Philippe Laufer, Dassault Systèmes CATIA Vice-President.

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UGS Launches Solid Edge Version 20, Extending Reach Further into Plant Equipment Design

3 May 2007

UGS Corp. announced Version 20 of Solid Edge® software, 3D computer-aided design (CAD) solution. With hundreds of enhancements, the new version delivers key functionality for plant equipment design as well as increases engineering productivity and design collaboration across the entire global value chain.

Solid Edge V20 is the latest release of UGS' hybrid 2D/3D CAD software and a design-centric solution in the mid-range CAD industry. Solid Edge is the CAD component of the UGS Velocity Series portfolio targeted specifically at the needs of mid-sized manufacturing companies.

"Solid Edge V20 delivers substantial increases in engineering productivity through many industry firsts," says Dan Staples, director, Solid Edge Business. "For example, V20's 2D goal seeking technology breaks new ground in the CAD industry, while the addition of zones to our assembly modeler is a first for mid-range CAD. This opens up many new possibilities for design optimization in plant equipment

design and shop floor layout. We also continue to improve design collaboration through tight integration with Teamcenter Express for cPDM.”

Massive assembly capabilities broaden footprint in Plant Equipment Design market

Companies such as Siemens VAI Clecim, Anglo Platinum and Kronos use Solid Edge’s advanced assembly design capabilities to layout their factory floors and plant equipment, which often have assemblies of more than 100,000 parts. Solid Edge V20 takes the next step to making it even easier to layout factory floors with actual machine geometry, as well as deal with other large assemblies in industries like heavy industrial vehicles, large mechanical machinery, and process and power by becoming the first mid-range modeler to add assembly zones for massive assembly design. In addition, Solid Edge continues its 64-bit architecture development with more applications available, as well as improved performance, which aid users working with massive assemblies.

The German Electron Synchrotron (DESY) is one of the leading accelerator centers in the world. “Typical assembly size that we use in our daily work consists of about 5000 parts, the largest assemblies being between 30,000 and 50,000 parts,” said Josef Gonschior, design engineer, DESY (Germany). “The advantage of the new Zone command in Solid Edge V20 provides is a targeted separation of the working area and better performance due to less geometry. As a result, we are able to work with several developers on even bigger assemblies. The Zone command gives us the insight in adjacent assemblies that are used by others.”

Design collaboration across the value chain to support PLM

Solid Edge V20 improves supply chain collaboration through integration with the new Teamcenter Service Oriented Architecture (SOA). This allows improved access to the central database from remote locations via wide area networks. A new “Auto-constrain in Assembly” feature adds parametric intelligence to imported data regardless of origin or translation method. In addition, a new dynamic reviewing capability for direct editing provides real-time feedback when editing imported models.

Solid Edge V20 also introduces new translators to help users transition from AutoCAD to Solid Edge, collaborate with Catia V5, and read the STL file format for easy file sharing with a variety of systems.

Hatch (Mississauga, Ontario, Canada) has been serving the mining and metals, energy and infrastructure markets for more than 50 years and in 80 countries. “Design collaboration within our organization and outward to our suppliers and clients is always a challenge,” said John Matthews, mechanical designer, Hatch. “By using Solid Edge, we have been able to streamline our communication to complete our projects more efficiently. For example, we used Solid Edge to design six different Coilbox designs for customers in Korea, Ukraine, China and the United Kingdom. The original model was modified, improved and reused. With the new tools in Solid Edge V20, specifically the AutoCAD translation, we are able to communicate up and down our supply chain efficiently.”

Engineering enhancements increase productivity

Solid Edge V20 adds more than 170 enhancements to part design and drafting that drive further productivity gains, including:

- Goal Seeking to solve 2D engineering scenarios that are more easily expressed graphically than with equations in real time. Knowing the target value of an engineering calculation, goal seeking allows users to set certain parameters, while the system varies other factors to achieve the desired result. Results can be used to drive 3D geometry in a true hybrid 2D/3D design environment.
- Advanced Feature Libraries, including Part Feature grouping to streamline reuse of common features.
- Tabulated drawings to create a single drawing for an entire family of parts.

Availability

Solid Edge V20 will be available in English this quarter and in nine additional languages shortly thereafter. Consistent with its “native Microsoft” strategy, Solid Edge V20 now supports Windows Vista, Internet Explorer 7 and Direct 3D graphics.

For more information on Solid Edge V20, visit <http://www.ugs.com/velocity> or www.solidedge.com/v20.

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VISTAGY and JETCAM Expand Global Technology Partnership

1 May 2007

[JETCAM International](#) and [VISTAGY, Inc.](#) have announced an expanded business and technology partnership to help their joint customers more efficiently develop highly-engineered products made of advanced composite materials. This agreement follows development work between the companies to create an exchange of 3D product data between VISTAGY’s FiberSIM® composites design software and JETCAM’s Expert CAM and nesting software. This partnership will ensure that the products work together to offer users a design and manufacturing environment—from conceptual design through to the cutting machine.

FiberSIM, powered by VISTAGY’s EnCapta® technology, helps engineers predominantly in the aerospace, automotive, marine, and wind energy industries streamline many of the complex tasks for designing and manufacturing composite products. The software is integrated into commercial 3D CAD software systems and provides a flexible, open, production-proven engineering environment specifically designed to comprehensively support all major composite manufacturing methodologies. 2D flat patterns of composite plies generated by FiberSIM from the 3D CAD model can be automatically exported to JETCAM’s nesting software to ensure manufacturers accurately create composite shapes with less material waste and fewer errors than previously possible.

CIMdata PLM Industry Summary

Various levels of JETCAM Expert systems are available and the higher levels, which take advantage of FiberSIM-generated design information, ply geometry, and flat patterns, allow fully automated and unmanned processing and nesting of laminate plies. This technology effectively turns the CAM element of the production process into a 'black box' solution, which can be integrated into any existing production management software. VISTAGY and JETCAM will also work globally on a commercial level to ensure customer success and satisfaction when utilizing these applications together.

“We see this partnership as a natural progression from the development that has already taken place,” said Mike Weber, Managing Director of JETCAM International. “It will provide users with the most effective solution from conceptual stage all the way through to the final manufacturing processes.”

“As a result of our combined years of experience in aerospace and automotive composites, customers are already enjoying a seamless, accurate and open exchange of 3D data between our design and nesting applications,” said Steve Luby, president and CEO at VISTAGY, Inc. “Now, as we deepen and expand our cooperation and development efforts by adding JETCAM to the FiberSIM Technology Partner Program, organizations can be assured of a deeper level of integration and an improved user experience to streamline design, nesting and manufacturing processes.”

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