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Acquisitions/Mergers

EMC Completes Acquisition of Captiva

30 December 2005

EMC Corporation announced it has completed the acquisition of Captiva Software, a provider of input management solutions. Captiva stockholders approved the acquisition on December 23.

Input management software - which provides for the conversion, indexing and processing of paper-based information to digital formats - has become increasingly strategic as companies electronically capture, digitize and categorize more of their information. Captiva's products transform costly and inaccessible paper records into instantly usable electronic business information, resulting in faster business processes and more accurate and timely response in regulatory compliance situations. Through this process, organizations can gain a richer understanding of their information and become better equipped to classify it, create policy based workflow and automate information lifecycle management (ILM).

EMC will operate the Captiva business as part of the EMC Software Group. Reynolds Bish, former Captiva President and CEO, will continue to manage the business and report to Dave DeWalt, President, EMC Software Group.

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CIMdata News

CIMdata in the News: “Additional ABCs About PLM”

December 2005

In “Additional ABC’s About PLM”, Lawrence S. Gould, Contributing Editor of [Automotive Design and Production](#) addresses the confusion about the definition of PLM by obtaining explanation via the consultants who focus on the technology.

In the article, “Ed Miller, president of CIMdata (<http://www.cimdata.com>; Ann Arbor, MI), says “PLM isn’t something you go and buy. Rather, it’s an area that you develop a strategy around for the collaborative creation, management, dissemination, and use of all product/plant definition information and the management of virtual product processes”—from a product concept to end of life.

To read the full article, click [here](#).

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Company News

ACS Software Offers Hands-on Training for the AutoEDMS Document Management and Workflow Solution

December 2005

ACS Software, Inc., developer of the AutoEDMS Document Management & Workflow Solution, will host a three-day, hands-on, instructor-led, classroom training for the person(s) who will be installing, supporting and/or managing AutoEDMS. The training will be held in Redondo Beach, CA, March 1st - 3rd, 2006.

System Administrator Training is offered three times a year (March, June & October), and provides attendees with the skills needed to integrate and automate the functions of AutoEDMS. Throughout the courses, intensive hands-on exercises give practical development experience within the AutoEDMS environment. Keith Bowles, ACS Application Engineer and Training Instructor, noted, "Industry research shows that, without adequate training, the capability of software is under utilized and the optimal productivity of users is reduced by as much as 50%."

Training Costs

The cost for this comprehensive, three-day training course is \$1195 per person, with a discount of \$100 for each additional attendee from the same company attending training at the same time. A 10% Early Bird Discount will be taken off the total cost of Training for those who register by January 31st.

About ACS Software, Inc.

Established in 1981, ACS Software, Inc. is the developer of the AutoEDMS™ Document Management & Workflow Solution, designed for workgroups and multi-site enterprises. ACS Software delivered the first PC-based EDMS system in 1986, and there are thousands of AutoEDMS customers worldwide, in a wide variety of industries. ACS supports clients in all 50 states and in over 25 countries.

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Albacore Research Ltd. Becomes ShipConstructor Software Inc.

23 December 2005

Albacore Research Ltd. (ARL), the creator of the 3D Product Modeling and Production Planning software ShipConstructor™, announced the company's new name: ShipConstructor Software Inc. (SSI).

CIMdata PLM Industry Summary

“After 15 years of Albacore Research Ltd., we have outgrown our original company name,” says Rolf G. Oetter, Co-founder, President and CEO, “the shipbuilding industry talks ShipConstructor and we want to reflect that.”

“We have grown substantially over the last couple of years, not only in North America, but worldwide. ShipConstructor has become the software-of-choice for the U.S. Second-Tier Shipbuilding Industry, resulting in the funding of two intensive development programs by the National Shipbuilding Research Program (NSRP) and several Small Business Innovation Research (SBIR) grants. We are proud that highly respected and recognized companies such as Northrop Grumman Ship Systems and Gibbs & Cox in the US, Dubai Drydocks in UAE and Austal, Australia and USA, trust ShipConstructor with their projects,” adds Mr. Oetter, “and the number of ShipConstructor users worldwide is growing fast.”

Software development originally started out as a one-man University project in 1989, with the incorporation of ARL following in 1990. ARL quickly established itself as an industry leader with the best available PC-based compound curvature plate expansion program ‘ShipCAM’ – now part of the ShipConstructor Hull module. In 1996, ARL reacted to customer needs for an AutoCAD-based ship production software system with the release of ‘CAD-Link’, now a major component of the ShipConstructor software suite as the Structure module. In the following years, ARL developed more sophisticated software versions as well as additional modules, to what has become an immensely powerful 3D product data modeling and production planning tool for ship design and production – the ShipConstructor software suite. The suite now provides functions for curved plates, structure, pipe, HVAC, equipment, and NC-processing, and also generates sophisticated production documentation, including assembly drawings, pipe spools, and production reports.

As Co-founder, Rolf G. Oetter has seen the company develop from the one-man show in 1989 to a company of close to 40 people in 2005. Being a specialist for production optimization, Mr. Oetter has been paramount in sticking to the company’s motto of questioning current shipbuilding standards and looking at shipbuilding tasks from a different angle, ensuring a broad view and the best possible solutions to the issues associated with shipbuilding. “Just because something has ‘always been done a certain way’ does not necessarily mean that that way is the most efficient way of doing it, says Mr. Oetter. “ShipConstructor has been vital in transforming many yards to modern and efficient operations and, in 2001, received the Marine Log Maritime Achievement Award in the ‘Enhancing Shipyard Productivity’ category, acknowledging that our approach works.”

Behind the software is a very strong team of energetic and well educated computer scientists and computer engineers. The backbone of this team is Darren Larkins, Chief Software Architect. “Our development team prides itself on delivering the highest level of product development and technical support. The level of customer accessibility to developers is unparalleled in the industry and allows for immediate expert feedback and solutions,” says Mr. Larkins. “Furthermore, we do not scare away from totally rewriting the software to make best use of the technologies available today. The Structure module, for example, is currently being rewritten to allow for the parametric-like features of the new Database Driven Relational Object Model (DDROM) or ‘smart parts’ technology.”

Another key member of the team is Jason Paterson, Senior Software Architect, who was the first to join ARL in 1994, as a student. Jason is well recognized by many of our customers because of his excellent training courses and his patient and extremely knowledgeable technical support. Jason has been vital to

CIMdata PLM Industry Summary

keeping our customers' operations running smoothly. After the introduction of our new Quality Assurance Team in 2005, Mr. Paterson has refrained from doing training and technical support to focus his extensive knowledge and experience on the architectural challenges associated with software development. Mr. Eric Dionne has taken over the role of a trainer with his immense experience. Together with Mr. Steve Ivison, he ensures that software development focuses on the needs of the shipbuilding industry. Those two shipbuilding experts combine over 50 years of shipbuilding experience.

“Close collaboration with our customers is essential to providing the best possible solutions to day-to-day problems,” says Mr. Ivison. “I have worked with ShipConstructor on the shipyards' side for years and am excited to work with it from a different perspective now, bringing to the table years of worldwide shipyard experience.”

Today, SSI is a fast growing company with close to 40 employees, and 17 local representatives in all major continents, including an Asian subsidiary office in Singapore, ARL Asia Pte. Ltd., headed by Dr. Oskar Lee, as well as a subsidiary office in Mobile AL, United States, ShipConstructor Software USA, Inc., headed by Mr. Patrick Cahill.

“For the future, we plan to continue the growth of ShipConstructor, concentrating on STEP interfaces, the Common Parts Catalog (CPC), as well as Project Split and Merge. These functions will benefit shipbuilders by providing even more flexibility and enabling many players to operate on the same project. We are also in the first stages of an Electrical Package and are looking into the development of a Weld Management tool.” says Mr. Oetter. “The continued success and growth of ShipConstructor is paramount to our team, and we intend to continue delivering features that enable our customers to succeed and grow - according to our motto: We go the extra nautical mile for our customers.”

About ShipConstructor Software Inc.

ShipConstructor Software Inc. (SSI) is the creator of the 3D product modeling tool for the design and fabrication of ships and offshore structures - ShipConstructor™. SSI was established in 1990 in Victoria, Canada, as Albacore Research Ltd. (ARL) and was recently renamed ShipConstructor Software Inc. in December 2005.

ShipConstructor is proving its capabilities on a wide range of new construction, conversion and repair projects, including the US Navy's Littoral Combat Ship, the US Coast Guard's Deepwater Project and the Devils Tower SPAR. More than 200 yards and designers worldwide, among which you will find well known names such as Northrop Grumman Ship Systems, Gibbs & Cox, and Dubai Drydocks, trust ShipConstructor with their projects.

ShipConstructor provides functions for curved plates, structure, pipe, HVAC, equipment, and NC-processing and also generates sophisticated production documentation, including assembly drawings, pipe spools, and production reports.

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ALGOR, Inc. Launches Expansion Plan

3 January 2006

[ALGOR, Inc.](#) announced that it has hired the architectural firm of Next Architecture to expand its O'Hara Township world headquarters to accommodate additional staffing planned this year.

The expansion will take place in phases, beginning with upgrades to the existing facility. The construction firm of A. Martini & Co., Inc. has been selected to perform the work in the first phase. The company is planning to complete the expansion, which will provide about 50 percent more working space, by the end of 2006.

According to CEO Michael Bussler, "We are hiring for both our ALGOR engineering software company and our [Inecom Entertainment Company](#)." Both are divisions of the parent company -- ALGOR, Inc. "Overall corporate growth was over 12 percent last year and we anticipate even higher for 2006," said Bussler.

Bussler added, "To respond to emerging global opportunities for our core engineering software, which is used by both the largest companies and the smallest firms to speed up their product design process while improving quality and lowering costs, we are hiring in several areas. These areas include sales, marketing and software development.

"Geographically, we are expanding our software operation into the Pacific Rim for the first time and we are strengthening our existing European connections. Additionally, we are seeing an increase in demand for our engineering products domestically.

"Another factor which will fuel growth in 2006 is FEMPRO, a new product being launched at this time, which will enable ALGOR software to add value to engineering software produced by competing companies.

"At the Inecom division, where sales have increased by fifty percent in 2005, we are hiring to expand our marketing reach. Additionally, we are seeking third-party partners to augment our captive production capacity and produce more titles to feed our expanding network of retail partners. These partners include Barnes & Noble, Best Buy, Borders, Amazon.com, Wal-Mart, Target and more.

To accommodate growth in both divisions, ALGOR plans to hire additional staffing for its infrastructure, including its information technology department. In addition, the company plans to begin selling computer software that it has developed for image processing and Internet web page development.

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AVEVA Appoints New Sales Managers for North and South America Regions

4 January 2006

AVEVA Inc. has hired two new sales positions. Mr. Otto Weiberth has been appointed Head of Sales for AVEVA's U.S. and Latin America operations, and Mr. Emon Zaman has been appointed Regional Manager of AVEVA Canada, a wholly-owned subsidiary based in Calgary, Alberta.

Otto Weiberth will oversee AVEVA's sales and support operations for the United States and Latin America. He brings to AVEVA over 30 years of sales, marketing, and engineering experience in the process plant design industry. His extensive sales management experience spans both software and engineering firms, including direct and indirect channel sales. Most recently he was with Autodesk, where he achieved "Top 3" Territory Account sales status for 2004- 05. Previously, he was Vice President of Sales Worldwide for a plant design software company and has spent almost 15 years working for a major EPC firm in the P&P industry.

Emon Zaman will oversee AVEVA's direct and indirect sales and support operations for all of Canada. Emon Zaman's career experience bridges both the process and energy industries, and he brings to AVEVA a deep understanding of the engineering needs and requirements in these industries. Early in his career, Mr. Zaman worked as a Process Engineer at an EPCM company, and was involved in Engineering Design & Plant Commissioning activities. For the six years prior to joining AVEVA, he has worked in various sales and business development roles within the Energy Vertical Market for Aspen Technology. He is a Registered Professional Engineer in Alberta.

Otto Weiberth will be based out of AVEVA's Wilmington, Delaware sales office. Emon Zaman will be based out of AVEVA's Calgary, Alberta office. For more information, please contact AVEVA at <http://www.aveva.com/>.

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GiveMePower Corporation and NEC Solutions America Announce Strategic Marketing Alliance to Provide Mobile Solutions for Retail and Construction

5 January 2006

GiveMePower Corporation, a provider of next-generation computer-aided design and digital-blueprint management software for "anytime and anywhere" use on any Windows® computing platform, and NEC Solutions (America), Inc., a provider of integrated solutions for the Connected Enterprise in North America, announced the signing of a letter of intent to jointly market best-of-class mobile and wireless computing solutions for retail store, construction and facilities management applications.

Under terms of the proposed agreement, NEC Solutions America and [GiveMePower](#) will jointly market and cross-sell special "turn-on-and-go" mobile and wireless hardware and software solutions, initially featuring GiveMePower's new PowerCAD® SiteMaster™ 2 laser-based building surveying and information management software running on NEC's sixth-generation Panel-i® 6 mobile and wireless computing terminal.

"This alliance helps extend NEC's lead in providing retail store operators and building information managers with truly productive mobility solutions that deliver major benefits across entire organizations," said Cliff Carr, national sales manager, Retail Solutions Division of NEC Solutions

America. "By empowering workers with the ability to quickly and easily create and manage up-to-date floor plans and inspection drawings, businesses have better control over their store planning and facilities management needs."

With more than 100,000 units in use at leading retailers around the world, NEC's Panel-i 6 is a rugged mobile operating terminal with a large touch-screen interface that connects to back-office systems wirelessly, enabling store and building information managers to optimize business processes. Utilizing the latest Microsoft® Windows Mobile® 5.0 operating system, the Panel-i 6 provides workers with complete mobility in their daily operations to gather and process information. The convenience of a 10.4" screen, long battery life and light-weight, touch-screen operation allows the user to view and manage information more efficiently than other smaller-screen devices.

Improving the production of "as-built" floor plans, area calculations and building inspection drawings by up to 1,000% on jobs for McDonald's, Cartier, Deutsche Telecom and the US Navy, GiveMePower's PowerCAD SiteMaster 2 software enhances the speed and ease by which precise building floor plans, inspection drawings and Excel® -compatible room and area reports can be produced using portable Bluetooth® wireless lasers such as the Leica DISTO™ Plus, to create architecturally-rich, AutoCAD® -compatible building plans in real time on the Panel-i mobile terminal.

"NEC is a world leader in the supply of mobile and wireless business solutions," said Bill Walton, president and CEO of GiveMePower Corporation. "By integrating our PowerCAD mobile design and information management software with NEC's beautifully designed Panel-i 6 mobile terminal, anyone who needs to manage their stores and production facilities can now do so much faster and easier than they could before."

PowerCAD SiteMaster is part of GiveMePower's family of CAD Anywhere™ 2D and 3D design, viewing and mobile/wireless collaboration solutions. Other users benefiting from GiveMePower technologies include: AT&T, General Dynamics, Maytag, Payless ShoeSource, Penn State University, the United States Postal Service and multiple branches of the U.S. Military.

Specially priced solutions starting from under \$3,000, featuring the Panel-i 6 pre-loaded with PowerCAD SiteMaster 2 and optional Leica DISTO Plus portable lasers will be available for purchase after January 9, 2006 from NEC Solutions America, GiveMePower Corporation and their authorized dealers.

With headquarters in Rancho Cordova, California, NEC Solutions America serves a wide range of markets, including the healthcare and public safety, financial services, cinema, retail and manufacturing markets. Information regarding NEC Solutions America can be found at <http://www.necsam.com>.

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Moldflow Achieves Significant Product and Technology Milestones in 2005

28 December 2005

Moldflow Corporation highlights some important product releases over the year that further solidify Moldflow as the leading innovator when it comes to products for optimizing every phase of the plastics injection molding design to manufacturing process.

On the design side, Moldflow Plastics Insight® (MPI®v) 5.1 was released in April and for the first time allowed users to simulate the thermoset injection-compression molding process, while the beta version of MPI 6.0 was debuted at the 2005 International Moldflow User Group (iMUG) meeting in October. Also previewed at iMUG '05 were two new technologies: Moldflow Communicator for results qualification and visualization and Simalink, which facilitates bi-directional data exchange between design and manufacturing environments.

Moldflow Plastics Advisers® 7.2, which shipped in September, allowed for the analysis of large multi-cavity mold layouts while in May, Moldflow's exclusive Dual Domain™ technology was awarded a European patent. Magics STL Expert 2.0 was released in February, CAD Doctor 2.0 shipped in September and MoldflowWorks 1.1 achieved SolidWorks Certified Gold Product status in January. Finally, Moldflow Design Link (MDL) 5.1 was released in February and MDL 5.2 shipped in September.

On the manufacturing side, all of Moldflow's manufacturing products - Celltrack™, Shotscope®, MPX® and Altanium® - included the immediate availability of device level Ethernet support in May. Moldflow Plastics Xpert® 4.0, which included a new process setup routine that helps determine an optimum injection velocity from the relative viscosity shear rate curve, and Shotscope 4.0, which featured automatic part diversion after machine downtime, were released in July. Altanium Matrix® 2.1 was released in September and included the ability to group temperature control zones in multiple panes and an added mold cooling monitor option. Celltrack went wireless in October, increasing the flexibility and mobility of equipment placement on the factory floor and reducing the cost of installation, and both Shotscope 4.1 and Celltrack 2.0 were previewed at iMUG '05. On top of all that, Moldflow was granted a European patent for its Altanium® Mold-Mounted Hot Runner Process Control technology in August.

According to CEO Roland Thomas, "2005 was a very productive year for Moldflow, and one that enabled our customers to improve their results dramatically, especially those implementing the full range of capabilities of our design through manufacturing products. We're looking forward to an equally productive year for 2006 and we wish all of our customers, partners and investors great success in the coming year."

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PROCAD Announces New Resellers

December 2005

PROCAD has recently signed two new resellers in Indonesia and the USA.

PROCAD announced that PT Ezytech Total Integrasi of Jakarta will be serving all of Indonesia, offering the 2D DESIGNER and 3DSMART solutions for a growing oil and gas industry. Meanwhile, GLJ, Inc. of Augusta, Georgia will be offering PROCAD products throughout the southeast, where the multi-

faceted and intuitive software has proven to be highly productive for many chemical companies in that region.

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SmartOrg Announces Partnership with China Software Distributor

5 January 2006

SmartOrg announced a partnership with Qast Systems Solutions, one of China's largest software distributors.

"We are very excited about this opportunity to serve customers in China, the world's fastest growing economy. Qast will distribute Supertree® decision analysis software and Decision Advisor® intelligent decision system", said Don Creswell, SmartOrg Vice President Sales and Marketing.

Qast Systems Solutions, Inc. is one of the largest software distribution companies in China. Qast is a privately held company founded in 2001 in Shanghai, China. Today, the company has five sales offices covering mainland China, Hong Kong, Taiwan and Singapore. Qast currently has over 1,000 resellers under their sales network. Qast provides services including sales, marketing, technical support, IT consulting, software localization, OEM, and training. Web site: <http://www.qast.com>.

SmartOrg Value-Based Management (VBM) processes and software help organizations drive profitable growth by identifying and focusing resources on high-value opportunities. VBM addresses the fundamental questions: "should we do it? and if we do it how much is it worth?". VBM bridges the gap between business and technology by managing risk and uncertainty to optimize economic return. SmartOrg headquarters are in Menlo Park, California with regional offices in the U.S. and the U.K. and partnerships in Asia. Web site: <http://www.smartorg.com>.

The partnership with Qast marks a second outlet for SmartOrg in China. SDR, located in Beijing, provides consulting and training services in support of SmartOrg processes and software. Web site: <http://www.sdr.com.cn>.

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UGS Names Solid Edge Design Contest Winners

27 December 2005

UGS Corp. announced the winners of its Q3 2005 Solid Edge® computer-aided design (CAD) contest.

Winning products were designed and rendered using Solid Edge technology. Top honors include a Digital Eyewitness in-car video system, a milling cutter and a drilling head.

The Solid Edge contest highlights excellence in mechanical engineering and is open to designers working on one of more than 200,000 Solid Edge seats deployed around the world. The contest promotes mechanical design excellence by users of 3D solid modeling technology.

Americas

Top honors went to Mark Schultz of Kustom Signals Inc., a world leader in the manufacture and design of public safety traffic equipment (Lenexa, Kansas). Schultz used Solid Edge to design the Digital Eyewitness in-car video system used in law enforcement. The system features an integrated overhead console with fold-down monitor, forward- and optional rear- mounted camera and an environmentally controlled vault designed to withstand vibration and temperature extremes.

(<http://www.kustomsignals.com>)

Asia Pacific

Top honors went to Vijayadasa Udupa of Kennametal Shared Services Pvt. Ltd., a leading global supplier of tooling systems and engineering services (Bangalore, India). Udupa uses Solid Edge to develop cutters and milling inserts for large spiral and longitudinal diameter pipes that transport crude oil or water long distances. (<http://www.kennametal.com>)

Europe, Middle East, Africa

Top honors went to Josef Maxa of Unit Plus s.r.o., a developer of single-purpose machines (Czech Republic). Maxa used Solid Edge to design a construction drilling head. (<http://www.unitplus.cz>)

Each winner receives a SpaceBall 5000™ motion controller from Solid Edge Voyager Program member 3Dconnexion, a Logitech company. To see the winning images and contest details, visit <http://www.ugs.com/solidedge>. <http://www.solidedge.com/successes/design.contest.htm>.

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Events News

CGTech to Showcase VERICUT 6 at WESTEC in Los Angeles

5 January 2006

CGTech will showcase VERICUT® 6 CNC machine simulation and optimization software in booth 2628 at the [WESTEC Advanced Productivity Exhibition](#), March 27 through March 30, 2006.

VERICUT 6 features several enhancements designed to increase the ability of manufacturing engineers to simulate the entire CNC machining process in order to produce better results and reduce the time spent in the programming and machining cycle. New features include:

- the ability to view and configure multiple setups in a single session.
- the capability to simulate machines with multiple synchronized tools, spindles and auxiliary attachments.
- a redesigned tool manager that simplifies NC program optimization.
- an enhanced Model Export option that now exports in-process “cut models” as native CATIA V5, ACIS SAT, and STEP models.
- the ability to create CNC probe programs and inspection sequences.

CGTech specializes in numerical control (NC/CNC) simulation, verification, optimization, and analysis software technology for manufacturing. For more information, visit <http://www.cgtech.com> or call (949) 753-1050.

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Kubotek USA's Vice President of Development to Speak at SolidWorks World

4 January 2006

Kubotek USA announced that Paul Stallings, the company's vice president of development, will be speaking at SolidWorks World 2006, the SolidWorks User Conference being held January 22-25, 2006 in Las Vegas, NV.

Kubotek and SolidWorks announced a partnership in October 2005, when Kubotek joined the SolidWorks Solution Partner program. The partnership supports the company's focus on providing solutions that ease CAD interoperability, allowing designers and engineers to easily share models and product data.

"Today, the ability to import models from a variety of 'alien' sources is essential for optimum productivity," said Dr. Stallings. "Simply importing a dumb CAD file is not enough and often requires tedious model reconstruction. Data translation products haven't yet resolved making imported models work well with primary CAD systems. Missing is the ability to discern topological and geometric differences in addition to feature information."

Stallings' presentation will address common translated file issues and best practices for today's multi-CAD environments.

Dr. Paul Stallings is vice president of development at Kubotek USA, and is responsible for providing the strategic direction for Kubotek's engineering software products, including its flagship design engineering tool KeyCreator. In addition, Dr. Stallings oversees the company's software development team.

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Mark Your Calendar for the 2006 Annual PLM World Conference May 8-12 in Long Beach, CA.

January 2006

The 2006 annual PLM World conference May 8-12 in Long Beach, CA. will have General Sessions given by UGS executives on the strategy and direction of their products, Technical Breakout sessions from UGS customers and employees in all areas of the software including NX, I-deas NX, Solid Edge/Velocity, Teamcenter and Tecnomatix, and training sessions giving you a chance to get hands on experience with products you already have or may be considering for purchase. Visit <http://event.plmworld.org> for more details and a complete agenda.

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Mastercam X on Display at NDES 2006

January 2006

Mastercam® Direct and Mastercam X will be showcased at the National Design Engineering Show at the Donald E Stephens Convention Center in Rosemont, IL on March 21-23 in booth # 18026 (inside the SolidWorks Pavilion). The Mastercam Direct for SolidWorks add-in along with the release of Mastercam X, offers SolidWorks users new ways to boost productivity.

[Mastercam](#) is a SolidWorks Certified CAM Product. Certified CAM Products are ones which have been evaluated by SolidWorks and are determined to be the best software products that work well with SolidWorks.

Mastercam Direct, free to the Mastercam and SolidWorks communities, allows users to open a model in Mastercam while in a SolidWorks session, and then apply existing toolpaths to that model. Users can import the model into Mastercam, complete with the solids history tree intact. The Direct interface can detect changes made to the original file when re-imported into Mastercam and alert the user, allowing them to modify any associated data such as geometry or toolpath information.

Mastercam Direct can be added directly to the SolidWorks toolbar. When the add-in is selected, the current SolidWorks part will be opened directly into Mastercam where the user can immediately update existing toolpaths for the part, or easily select an entire set of operations from another part to apply to the CAD model.

Mastercam X will also be on display. Dramatically streamlined and featuring powerful, new features, Mastercam X has been designed to reduce programmer interaction and increase machining flexibility.

Mastercam X delivers a new, streamlined customizable interface. Specially designed to minimize user interaction while maximizing programming options, the new interface is completely customizable and

can be set to each person's specific preferences. Mastercam's new "smart" ribbon bar further boosts efficiency and maximizes workspace by appearing only when needed, and displaying tools specific to the job at hand.

Mastercam X features a suite of new programming tools, including the powerful new Pencil Offset Finishing toolpath. This new surface machining technique extends the crisp "cleanup" of a pencil trace toolpath across an entire part by automatically sectioning the part into logical machining areas.

Mastercam X also introduces Machine and Control Definition. These are virtual descriptions of the actual machine tool and control you will use to cut a part, allowing Mastercam to automatically customize its interface based on your CNC machine. This means that Mastercam X is aware of what the machine can and cannot do, helping ensure a correctly programmed part.

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Financial News

ANSYS To Release Fourth Quarter Earnings February 16, 2006

5 January 2006

ANSYS, Inc. announced it expects to release its fourth quarter earnings on Thursday, February 16, 2006. In addition, the Company will hold a conference call conducted by James E. Cashman III, President and Chief Executive Officer, and Maria T. Shields, Chief Financial Officer, at 10:30 a.m. Eastern Time to discuss fourth quarter results and future outlook.

What: ANSYS Fourth Quarter Earnings Conference Call

When: 2/16/2006 at 10:30 a.m. Eastern Time

Where: <http://www.ansys.com/corporate/investors.asp>.

The conference call dial in number is 800-811-8824 or 913-981-4903

passcode ANSYS

The call will be recorded with replay 888-203-1112 or 719-457-0820

passcode ANSYS (26797)

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Intergraph Announces Date for Fourth Quarter 2005 Financial Results

6 January 2006

Intergraph Corporation will report fourth quarter 2005 financial results on Wednesday, January 25, 2006 after market close. The Company's management will host a conference call to discuss the fourth quarter results on Thursday, January 26, 2006 at 11:00 a.m. EST.

Investors are invited to listen to a live Webcast of the conference call through the investor relations section on Intergraph's Website at <http://www.intergraph.com/investors>. Listeners to the Webcast will be asked to pre-register and should plan to visit the Website 5 to 10 minutes before the live broadcast of the conference call. The replay of the Webcast will be available approximately one hour after the live conference call at <http://www.intergraph.com/investors> and will remain available for one year until January 26, 2007.

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Magma Announces Earnings Call for Third Quarter of Fiscal 2006

5 January 2006

WHO: Magma Design Automation Inc.

WHAT: Live webcast and conference call to discuss financial results for the company's fiscal 2006 third quarter, ended Jan. 1, 2006. The call will be hosted by Rajeev Madhavan, chief executive officer; Roy E. Jewell, president and chief operating officer; and Greg Walker, chief financial officer.

WHEN: The webcast and conference call will begin Thursday, Feb. 2, 2006, at 1:30 p.m. PST. Magma will release its third-quarter financial results after the market closes on Feb. 2.

WHERE: The webcast can be accessed live from the Investor Relations section of Magma's website at <http://investor.magma-da.com/home.cfm>. A replay of the webcast will be available on Magma's website through Feb. 9, 2006.

To listen to the live call by telephone, call either of the numbers below:

U.S. & Canada: (800) 661-8947, conference #3991101

Elsewhere: (706) 634-2358, conference #3991101

A telephone replay will be available through Feb. 9 by calling either of the numbers below:

U.S. & Canada: (800) 642-1687, conference #3991101

Elsewhere: (706) 645-9291, conference #3991101

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Open Text to Report Second Quarter Financial Results on Wednesday February 1st 2006

6 January 2006

Open Text™ Corporation announced that financial results for its second quarter of fiscal year 2006 (ended December 31st, 2005), will be released at approximately 4:00 p.m. ET on Wednesday, February 1st, 2006.

Teleconference Call

Open Text will host a conference call on February 1st, 2006, at 5:00 p.m. ET to discuss financial results of its second quarter.

Date: Wednesday, February 1st, 2006

Time: 5:00 p.m. ET/2:00 p.m. PT

Length: 60 minutes

Where: 416-640-1907

Please dial-in approximately 10 minutes before the teleconference is scheduled to begin. A replay of the call will be available beginning February 1st, 2006 at 7:00 p.m. ET through 11:59 p.m. on February 17th, 2006, and can be accessed by dialing 416-640-1917 and using passcode #21170437.

For more information or to listen to the call via Web cast, please use the following link:

http://www.opentext.com/investor/investor_events/.

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Implementation Investments

AlphaCAM Keeps Pacegrade on Course for Success

4 January 2006

A major fire at any woodworking company can spell disaster. But for West Midlands-based Pacegrade Ltd, it marked the start of a regeneration process that has seen it virtually treble turnover in the past five years. Now the company has put AlphaCAM's manufacturing technology at the heart of its next stage of development.

CIMdata PLM Industry Summary

Established 30 years ago as a family business at Lye in the Black Country, Pacegrade is a 30-strong company specializing in bespoke joinery, staircases and solid surface fabrication. Most of its work involves the production of stairs, windows, doors and other architect designed items, with around 60% of its throughput in hardwoods.

“We suffered a major fire around five years ago, which eventually took two days to extinguish,” says Pacegrade’s Managing Director, Nick Horton. “Clearly, it was a major setback for us. However, looking back at it, there was definitely a silver lining, because it gave us the opportunity to set a new direction for the company’s operations.”

As a result, Mt Horton was able to re-equip his workshop with more up-to-date production machinery, covering the complete spectrum of woodworking equipment. The company’s skills base, reputation for quality, and the drive of its management team has not just brought it back from the brink, but enabled it to grow its turnover from £500,000 at the time of the fire to more than £1.2 million today.

“But we’re not looking to rest on our laurels,” says Horton. “We want to build on this with continued growth in the future. A lot of hard work has put us where we are today, but we are simply running out of room. Ongoing advances in technology and indeed, changes within the industry have convinced me that we can make more effective use of our resources. As a result, we are in the process of streamlining our methods using the latest CAM/CIM technology - which I believe will enable us to sustain our development without the expense and upheaval of moving to a larger site.”

To illustrate his point, Mr Horton cites the increase in ‘architectural intent’ drawings being received by his company, where final detailing is undertaken in-house.

“Using our current methods, detailing would be done on the shopfloor at a setting out bench. But, given that around 75% of the drawings we receive have been created in CAD, and therefore could be made available to us in electronic format, we have the opportunity to increase front end control, which in turn, will provide a number of important benefits,” he says.

Investment

Through a £250,000 investment program, Horton plans to build on the foundation of his company’s AutoCAD installation with the addition of a MAKKA PM270 5-axis CNC router, supported by AlphaCAM, AlphaCIM and AlphaWINDOOR software from Planit.

The first building blocks are already in place, with the recent delivery and commissioning of the 5-axis machine and the installation of Pacegrade’s AlphaCIM system.

Developed by Planit as an integrated business management system for the joinery industry, AlphaCIM enables users to automate key areas of their businesses, such as sales order processing, works order documentation, costing, stock control and invoicing.

AlphaCIM’s library module enables component information to be stored, used to build up an order, and then transferred directly to Planit’s AlphaCAM programming and AlphaWINDOOR design-to-

manufacturing applications; opening the way for the automated production of families of parts such as fabricated doors and window units.

At Pacegrade, AlphaCIM is already being used to automatically producing cutting lists and route cards.

“It’s early days yet,” says Horton. “But with the prospect of implementing costing and reports in the near future, the software is already well on its way to establishing itself as our primary business management tool. In parallel, AlphaCAM offers the means to generate fully specified programs for the new MAKKA CNC machine. Likewise, AlphaWINDOOR provides the link to closely integrate AlphaCIM and AlphaCAM together in our particular operating environment.”

As a parametrically-driven application, AlphaWINDOOR is perfect for families of products, or where there are size variations in items like doors, windows, screens or cabinets.

It represents a made-to-order solution, with individual sizing of every unit. Similarly, its link with AlphaCIM provide order entry facilities that can provide information for built-in bar coding and part labeling functions, as well as the generation of production reports and cutting lists.

“It is ideal for door production,” says Horton. “Our installation will enable all the cutting list information to be generated instantly, simply by defining the door style and then entering the required size. Furthermore, the interface with AlphaCAM means that the information can be translated into fully defined CNC machining programs at the touch of a button. This will not only result in major time savings, but will also reduce the risk of errors and the need for highly skilled operators.”

Library

Virtually all of Pacegrade’s products are manufactured to individual customer size and order. However, Mr Horton believes there are only a certain number of door designs that his company will ever be called to produce. He therefore plans to build a library of styles over the course of time, which will enable the overall detailing and setting out process to be reduced to a matter of seconds.

Similarly, Mr Horton aims to establish a corresponding library of frames, which will allow the company to ‘mix and match’ door and frame styles if required, again with only minimal operator input.

A further feature of the AlphaCAM software is that ironmongery or glazing items can be ‘dragged and dropped’ into the basic definition of the product, enabling Pacegrade to increasingly supply factory finished items, such as fully glazed windows or doors and frames complete with all fittings.

“This will provide the double benefit of avoiding the need for additional trades on site, while helping to boost the ‘added value’ of our products,” notes Horton.

The installation of the MAKKA machine will also enable Pacegrade to bring around £75,000 worth of subcontracted CNC work back in house. Mr Horton also envisages that within two years at least 50% of

the company's business will be CNC produced, although by then, every job will be controlled by the AlphaCIM system.

"It's a natural progression for us. Almost 80% of our work is already originated on CAD. So it makes sense to harness AlphaCAM's proven technology to both employ our current skills to best advantage and streamline our business management through better control of our processes," he says.

"In particular, AlphaWINDOOR will dramatically speed up the production of our parametric products, while also eliminating errors. Overall, it strongly supports our drive to reduce costs and time to market, while also increasing our flexibility and finished product quality. These are the keys to sharpening our competitive edge. I am therefore certain that our Planit system will play a central role during the next phase of our company's development."

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ANSYS, Inc. Expands Global Relationship With AREVA

5 January 2006

ANSYS, Inc. announced that AREVA, worldwide leader in energy, has signed a worldwide corporate agreement with the company for three years. This new global agreement expands the long-term relationship between these two companies and allows for more efficient access to simulation technology and better coordination of the use of this technology across the AREVA enterprise.

"AREVA has chosen [ANSYS](#) as a preferred supplier of simulation software. ANSYS simulation software provides design optimization solutions for a wide variety of equipment used in AREVA's nuclear projects and is used to perform multi-field analyses, such as seismic calculations of concrete buildings, thermo-mechanical fatigue of pressure vessels, and cask transport calculations," said Pierrick Brehier, Structural Calculation Manager at SGN (AREVA companies). "ANSYS simulation software is used by AREVA teams all over the world and appreciated by its customers."

"In the upcoming months, we will continue to work closely with AREVA to see how ANSYS can further reduce their product development costs and help AREVA achieve their very important business objectives," said Joe Fairbanks, vice president of global sales and support at ANSYS. "We are very pleased to have been selected as the simulation technology of choice at AREVA, which further demonstrates our commitment and capabilities to help companies in the nuclear power industry."

With manufacturing facilities in 40 countries and a sales network in more than 100, AREVA offers customers reliable technological solutions for CO₂-free power generation and electricity transmission and distribution. Our 58,000 employees are committed to continuous improvement on a daily basis, making sustainable development the focal point of the group's industrial strategy.

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Autodesk Connects Design and Construction Firms on First Major Construction Package for the Freedom Tower Project

4 January 2006

[Autodesk, Inc.](#), announced that its Autodesk Buzzsaw collaborative project management solution played an integral role in the first major construction package that was issued in December on the Freedom Tower project. Skidmore, Owings & Merrill LLP (SOM), the architects for the Freedom Tower, are using Buzzsaw to connect the design teams, consultants, engineers, contractors and project managers from multiple firms of varying disciplines throughout the project lifecycle. During this first major construction phase, the project team relies on Buzzsaw to manage and share 3D models, design and construction drawings, streamlining the flow of all project information.

"Requests for information and questions from contractors and subcontractors come in daily and with Buzzsaw we only need to respond once to each request and the entire project team gets the response at the same time with the latest information about the project," said Angelo Arzano, senior technical architect on the Freedom Tower project. "Autodesk Buzzsaw is our primary communication tool. The degree of communication and collaboration that Buzzsaw makes possible would have been inconceivable five years ago."

SOM is using Autodesk solutions across the entire Freedom Tower project including the design development and construction documentation phases, which produce at least 100 different subsets of drawings that team members need to share. The on-demand Buzzsaw solution is the primary communication and collaboration technology being used on the project to link multiple firms from varying disciplines including structural engineer WSP Cantor Seinuk and mechanical, electrical and plumbing engineer Jaros, Baum & Bolles. Because it's easy to use, Buzzsaw also makes it possible for World Trade Center Properties, LLC, an affiliate of Silverstein Properties Inc., and Tishman Construction Corporation, the project's construction manager, to simply and securely manage and share up-to-date project information.

"The Freedom Tower redesign presented an unprecedented challenge, in that SOM had extensive experience designing buildings to stringent security standards -- but no company had ever designed one so secure and so tall in such a short time-frame" said Carl Galimoto, partner-in-charge of SOM's Technical Group. "Autodesk Buzzsaw, already a fundamental enabler of the way we work, [0]has been indispensable in the coordination of our design efforts and we expect it will have the same impact during construction."

Return on Buzzsaw Investment

Even before construction of the project begins, SOM has already saved hundreds of hours and reduced costs using the Buzzsaw collaborative solution. As the project moves into construction, typical project tasks and construction management processes such as requests for information (RFI) and submittals take considerably less time with the configurable forms that are automatically created, distributed and reviewed through the Buzzsaw project management site. As a result, SOM can turn around an RFI in one day rather than five or seven days, a significant time savings. The personalized Buzzsaw dashboards and project reporting features also provide the SOM team with up-to-the minute, comprehensive project

information that can be accessed from anywhere at any time. Process improvements such as these have led to greater accountability and productivity that are essential for SOM to meet tight project deadlines.

"Buzzsaw is instrumental in this extraordinary demonstration of teamwork. It's exactly the kind of situation for which we designed Buzzsaw - where process must be streamlined and disparate teams must work effectively to meet aggressive timelines," said Amar Hanspal, vice president of Autodesk Collaborative Solutions. "Technology is bringing greater efficiency to the building industry, and we anticipate that more building owners and real estate developers will begin to require collaborative project management solutions such as Buzzsaw to manage their increasingly complex projects."

The Project

The Freedom Tower design features 69 office floors and 2.6 million square feet of commercial office and public space. The Freedom Tower will also incorporate the highest standards of building safety and quality and employs the latest technologies in sustainable building design. In addition to using Autodesk Buzzsaw and Autodesk DWF Composer for collaboration, the project team is using Autodesk Revit Building and Revit Structure, AutoCAD and Autodesk 3ds Max software products as the primary design and visualization tools.

About SOM

Founded in 1936, Skidmore, Owings & Merrill LLP (SOM) is one of the world's leading architecture, urban design, engineering and interiors firms. SOM has completed more than 10,000 architecture, engineering, interior architecture, and planning projects in more than 50 countries around the world. The firm has expertise in designing super high-rise buildings. It was responsible for the design and structural engineering of America's tallest building to date -- the 109-story Sears Tower in Chicago. Other signature projects include Lever House, an office building in New York City that set standards for office design around the world; the 100-story John Hancock Tower in Chicago; Jin Mao, an 88-story mixed-use tower in Shanghai; and the Bank of America World Headquarters in San Francisco.

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Leading European IT company Signs 580,000 EUR Agreement Extension with Telelogic; Company extends the usage of Telelogic SYNERGY™, Telelogic DOORS®, Telelogic TAU® G2

29 December 2005

Telelogic, a provider of software solutions that align advanced systems and software development with business objectives, announced that it has signed a four year, 580,000 EUR licensing, maintenance and professional services agreement with a leading Spanish-headquartered European information technology and defense company.

Last year, the company standardized on Telelogic DOORS for Requirements Management and analysis, Telelogic SYNERGY for Change and Configuration Management, Telelogic TAU G2 for systems and

software modeling, development and test in a four year agreement. The new agreement rolls the products out across the company's complex development environments.

"These core components of Telelogic's Lifecycle Solutions will help the company meet its desired goals of efficiency improvements in a very complex development environment," said Anders Lidbeck, President and CEO, Telelogic. "Using Telelogic's solutions across the organization's entire development lifecycle will also optimize communication and collaboration for its distributed teams working on parallel versions, resulting in fewer errors, lower development costs and faster time to market."

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Leatherman Tool Group Switches to SolidWorks Software for 3D design of Multipurpose Tools and Knives

3 January 2006

Leatherman Tool Group has standardized on SolidWorks® 3D mechanical design software to expand its line of knives and multi-tools for campers, anglers, hunters, and other outdoor enthusiasts. The company chose SolidWorks software over competing offerings because of its superior control and accuracy in the design of complex blades, tool heads, handles, and accessories.

The Portland, Ore., company will use SolidWorks software because it met the company's design needs more than any other CAD software it evaluated. "We switched from Autodesk Inventor® software for new designs because SolidWorks software provides more control and accuracy in the design of the many complex, contoured surfaces in our tools and knives," said Melissa Yale, senior product design engineer at Leatherman Tool Group headquarters. "We also sought SolidWorks software's ease of use, supplier compatibility, and outstanding reputation. We expect to decrease our time to market and design costs by becoming more productive and moving all of our design work in-house."

Leatherman offers 18 different multi-tools - each including a combination of knife blades, screwdrivers, openers, saws, pliers, wire cutters, files, awl punches, rulers, clamps - as well as six models of folding knives. Despite the numerous features, each product fits in the palm of the hand with contoured handles and other ergonomic features.

Leatherman will also use SolidWorks' COSMOS® design analysis software to check the integrity of designs without having to build physical models. PDMWorks® product data management software will help Leatherman manage files, versions, and modifications. SolidWorks' eDrawings® collaboration tool will streamline communications with Leatherman executives, product managers, and external suppliers.

"The Leatherman is a marvel of efficient design, packing an astounding amount of utility into a compact, intuitive package," said Rainer Gawlick, SolidWorks vice president of worldwide marketing. "SolidWorks Corporation pursues the same goals, always endeavoring to give customers more, easier-to-use capabilities than they expect, and the tools for any challenge."

Leatherman works with SolidWorks reseller CAE Northwest for ongoing software training, implementation, and support.

About Leatherman

Oregon-based Leatherman Tool Group, Inc. is the inventor and world's leading manufacturer of compact multipurpose tools and knives. Owned and inspired by its founder, Tim Leatherman, the company has sold more than 35 million of its versatile tools and knives since its inception in 1983. For more information, visit <http://www.leatherman.com>.

About CAE Northwest

In its more than 15 years, CAE Northwest has given more than 5,000 engineers the tools they need to work more quickly and more accurately, and has helped more than 1,000 design and manufacturing companies move their products to market ahead of schedule. CAE Northwest is one of the largest SolidWorks resellers in North America with locations in: Seattle; Portland, Ore.; and Vancouver, B.C., Canada. For more information, visit <http://www.caenw.com>.



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Lectra Implements its New PLM Solution at Mango

3 January 2006

Lectra announced the signing of a major contract for the deployment of its latest, comprehensive product lifecycle management (PLM) solution with Mango, the renowned international designer, manufacturer and retailer of women's clothing and accessories. Intended to manage all collection development processes and optimize the collaborative work of all participants in the value chain on an enterprise level, Lectra's PLM solution will enable Mango to better develop, manage and control its collections. The solution will be implemented in close collaboration with Mango's specialized teams to ensure its perfect adaptation to the specific needs of the brand.

Lectra's new PLM solution will initially be used by more than 800 Mango employees and suppliers dedicated to the design and development of 70 million garments and accessories the company produces each year.

The market's most complete fashion-dedicated PLM solution

Entirely dedicated to the global fashion industry, Lectra's new PLM solution offers the broadest capabilities for managing the full scope of activities across the product lifecycle in today's permanently renewing collection process. Its strategic, transversal approach to information and process management places it at the heart of a company's development.

"At Mango, our activity goes beyond design, manufacturing and marketing; it is the creation of a concept that arises from the interrelation between a quality product with a distinctive design and a coherent,

unified brand image," declared Elena Carasso, Mango's e-business director. "Lectra's new PLM solution will allow us to build and structure our collections according to our economic and strategic objectives, to synchronize the contributions of different players involved in the various collection development processes, and to be truly proactive in defining priorities, allocating resources, and managing multiple concurrent workflows. It will enable us to increase customer satisfaction by accelerating our collection rhythms and integrating new trends more quickly."

"Lectra's new PLM solution perfectly matches Mango's business model and its need for a comprehensive, Web-based system that incorporates unique fashion-dedicated capabilities and can be easily integrated into Mango's IT environment," said Pascal Denizart, Lectra's PLM director. "Lectra's PLM solution integrates the competencies of each player within and outside the company, and constitutes a genuine enterprise decision-making platform."

A powerful response to major customer challenges

With this new PLM offering—which will be officially launched at the beginning of 2006—Lectra brings a powerful response to major challenges, such as the multiplication of product lines and consideration of the number and geographical location of collaborators involved in collection development.

"We are very pleased that Mango has chosen us to be the partner of its impressive expansion," said Lectra's CEO, Daniel Harari. "PLM is a strategic priority for Lectra. This breakthrough technology is the result of our unmatched experience in the global fashion domain and is powered by more than 100 PLM-dedicated R&D engineers. Our new PLM offering is representative of all the added value that [Lectra](#) brings to its customers: market expertise, a profound knowledge of their processes, an understanding of the new challenges to their business models, and the ability to deliver innovative, state-of-the-art technologies that help companies meet their strategic objectives."

About Mango

Created in 1984, Mango is number two in Spanish exports for the textile and fashion sector. The company has 866 stores in 81 countries and employs more than 5,500 people, including 1,500 at its headquarters near Barcelona, Spain, and is actively pursuing its strategy expansion notably in Asia, Europe and North America. 2004 revenues were E1.1 billion, of which 73% came from outside of Spain.

For more information, please visit: <http://www.mango.com>.

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OptiTex Sells 45 Fashion Design IT Workstations to China

3 January 2006

The Suzhou Art & Design Technology Institute in China has recently acquired 45 computer aided fashion- design workstations from Petah Tikva-based Company OptiTex LTD. While the size of the deal

is unknown, OptiTex West Asia manager Saar Machtinger said that the sale had followed "very interesting and challenging negotiations with the Chinese institution."

Mr. Machtinger added that China is currently the company's largest target in Asia and is OptiTex's second largest market worldwide. "15 Chinese educational institutions have already installed similar programs" added Mr. Machtinger. OptiTex CEO Ran Machtinger said that the company's growth potential in Asia was extremely fast, mostly in China and India.

OptiTex has annual sales of several million dollars with export accounting for 95% of the company's sales. "Rising global demand for software products in the textile industry has boosted sales growth by the Israeli based company 30% this year" CEO Ran Machtinger said, The Company has grown by average of 15% a year since 2002.

About OptiTex

Founded in 1987, OptiTex specializes in the development of CAD/CAM solutions for sewn products and other related industries. Their native Microsoft Windows based software packages for digitizing, pattern engineering, grading, marking, advanced automatic nesting and draping, are specifically designed to meet the needs of today's manufacturers of industrial fabrics, apparel, upholstery, transportation, composites, home furnishings, and other sewn products. OptiTex' open architecture system comes amply equipped with a multitude of import/export formats, enabling OptiTex users to interface with a wide range of software and hardware. OptiTex also offers the convenient option of purchasing a completely integrated CAD package, including OptiTex software solutions, digitizer, and pen or ink jet plotter.

Available in more than 19 languages, OptiTex products are sold and supported around the world through certified distributors and OEMs.

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SEAL Systems Experiences Impressive Final Spurt; Incoming Orders in the Fourth Quarter

January 2006

SEAL Systems announced an impressive number of incoming orders during the last three months of the year 2005. Therewith, the targets were met for the total year.

Among others, these enterprises have decided upon solutions from SEAL Systems during the last quarter:

Satisloh	Wetzlar (DE)
L&S Transportation Systems	Röttenbach (DE)
Metso Panelboard	Sundsväl (SE)
Flender AG	Bocholt (DE)
Vögele AG	Mannheim (DE)
Wirtgen GmbH	Windhagen (DE)

Ortlinghaus	Wermelskirchen (DE)
Kongsberg Automotive	Mullsjö (SE)
Statoil	Stavanger (NO)
CRHammerstein	Solingen (DE)
EON Bayern	Bayreuth, München,
Andritz	Regensburg, Würzburg, (DE)
BlueScope Steel	Karhula, Kosta, (FI)
Rummelsberger	Glenbrook (NZ)
Datenverarbeitungsgesellschaft	Rummelsberg (DE)
Eczacibasi Ilac Sanayi	Istanbul (TR)

In total, 60 customers had decided during 2005 for SEAL Systems for the first time or have installed solutions on additional locations.

The managing director of sales and marketing Reinhold Müller-Meernach is satisfied by this high number of orders: "The target for the last quarter was high, because the orders during the first six month of 2006 were below average.

The increasing propensity of the home and foreign industry to invest, had helped us to meet our targets up to 97%. The demand from the European foreign countries and from overseas has increased significantly. Furthermore, beside products, also SEAL Systems' services are continuously asked. It has been proven right, to enhance capacity in this sector."

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SMIC Adopts Mentor Graphics Eldo Simulator for Analog Circuits for its 0.13-micron and Below Process Nodes

6 January 2006

Semiconductor Manufacturing International Corporation and Mentor Graphics Corporation jointly announced that SMIC has adopted Mentor's Eldo® simulation tool as an internal SPICE simulator for analog circuits. SMIC fully supports Mentor's Eldo based on its proven performance and convergence capabilities. In addition to 0.18-micron, SMIC will now provide Eldo device models on SMIC's 0.13-micron and smaller process technologies aimed at satisfying the design needs of Mentor's and SMIC's mutual customers.

"SMIC conducted comprehensive evaluations of Mentor's Eldo capabilities, and the extensive results demonstrated that it is an ideal simulation tool for our technologies," said Paul OuYang, vice president of Design Services at SMIC. "Eldo now forms part of our sign-off tools for designs targeting 0.13-micron and below processes."

"We are extremely pleased to be working closely with SMIC and providing them with a complete simulation solution through Eldo," said Jue-Hisen Chern, vice president and general manager, Deep Submicron Division, Mentor Graphics. "With their proven analog design simulation capability, SMIC will continue to be at the forefront of chip designs, while Mentor's Eldo strives to be the simulator of choice for IC silicon vendors and fabless design centers."

AMS Simulation Technology from Mentor Graphics

The Mentor Graphics ADVance MS™ (ADMS) tool is a single-kernel, language-neutral functional verification environment for digital, analog, mixed-signal and RF circuits. This platform is built upon four high-performance, customer-proven simulation technologies: the Eldo tool for analog, ModelSim® for digital, Mach for transistor-level, and the Eldo RF for radio frequency simulations. The ADMS supports most of the design languages, including VHDL, VHDL-AMS, Verilog, Verilog-AMS, SystemC, SystemVerilog, Spice, and C, for the design and verification of mixed-signal system, and SoC. ADMS has gained wide acceptance since its introduction, and is currently used in hundreds of customer sites.

Semiconductor Manufacturing International Corporation, is one of the leading semiconductor foundries in the world, providing integrated circuit (IC) manufacturing at 0.35um to 90nm and finer line technologies to customers worldwide. For additional information, please visit <http://www.smics.com>.

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Spescom Awarded \$500,000 Contract for eB Nuclear

3 January 2006

Spescom Software, Inc, a provider of enterprise content and configuration management solutions, announced that NuStart Energy Development, LLC, in a cooperative agreement with the U.S. Department of Energy (DOE), has selected Spescom eB to support its efforts in licensing the next generation of nuclear power plants.

The initial contract, valued at approximately \$500,000, will provide a system to support NuStart in preparing its license application to the U.S. Nuclear Regulatory Commission. The application is for a combined construction and operating license for new plants.

“The selection of eB Nuclear by NuStart Energy affirms that Spescom will play a significant role in the revival of nuclear energy in the U.S.,” said Spescom Software CEO, Keith Stentiford. “Working closely with our nuclear customers has allowed us to deliver best-of-class solutions for the nuclear industry. We are looking forward to participating in this important initiative to make the U.S. more energy independent.”

NuStart Energy is comprised of a number of member companies, including Constellation Generation Group, LLC; Duke Energy Corporation; EDF International North America, Inc.; Entergy Nuclear, Inc.; Exelon Generation Company, LLC; Florida Power & Light Company; and Progress Energy and Southern Company Services, Inc.

NuStart Energy leads the NuStart Energy Consortium, which includes two reactor vendors and the Tennessee Valley Authority (TVA). The consortium has submitted a proposal to the U.S. Department of Energy (DOE) in response to the DOE’s invitation to participate in a new licensing government/industry cost-sharing licensing process.

General Electric Company (GE) and Westinghouse Electric Company, LLC, are the two reactor vendors, and are under subcontract to NuStart Energy Development. The NuStart Energy Consortium is the largest

of five consortiums or utilities currently working with the DOE on license submittals. NuStart Energy Development is based in Kennett Square, Pennsylvania, at the headquarters of NuStart Energy member Exelon Generation Company. <http://www.nustartenergy.com/Consortium.aspx>.

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Spirit AeroSystems Expands the Use of MSC.Software's Enterprise Software Solutions Portfolio

5 January 2006

MSC.Software Corp. announced that Spirit AeroSystems Inc. has selected MSC.MasterKey Licensing System for its virtual product development processes.

Spirit AeroSystems will utilize MSC.MasterKey tokens for comprehensive and on demand simulation capability with MSC.Nastran, MSC.Marc, and MSC.Patran. MSC.MasterKey is a flexible solution for manufacturing organizations requiring single source access to the diverse range of VPD solutions which MSC.Software's simulation software suite has to offer. These solutions will help Spirit AeroSystems engineers solve complex product development challenges and evaluate more design variants within a single, unified framework.

"We are pleased Spirit AeroSystems has further invested in our partnership by increasing their investment in our integrated enterprise solutions for their virtual product development needs," John Howaniec, senior vice president, Americas sales operations, [MSC.Software](#). "We take great pride in building and maintaining customer relationships and this new agreement validates our commitment to provide customers with industry leading solutions."

For more information on MSC.Software's solutions, please visit <http://www.mscsoftware.com/>.

About Spirit AeroSystems Inc.

Spirit AeroSystems, Inc. an Onex company, is the world's largest independent supplier of structures for commercial aircraft. It designs and builds part of every Boeing commercial aircraft currently in production except the 717. It produces the fuselage, engine nacelles and pylons of the 737; and nose sections, nacelles and pylons for the 747, 767 and 777 aircraft. It also designs and produces slats, flaps, forward leading edges and trailing edges for 737 wings, slats and floor beams for the 777 airplane, and wing and fuselage components for the 747. The company also designs and builds aircraft production tooling. Additionally, Spirit AeroSystems has design and manufacturing responsibilities for the forward section, engine pylons, and the fixed and moveable wing components for the 787 airplane.

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Telelogic Signs 2.0 Million EUR Renewal Agreement with Leading Global Telecommunications Vendor

30 December 2005

Telelogic , a global provider of software solutions that align advanced systems and software development with business objectives, announced that a leading global telecommunications vendor has renewed its one-year agreement for core components of Telelogic's Enterprise Lifecycle Management (ELM) solution, at a value of 2.0 million EUR. Under the terms of the agreement Telelogic's solutions will be rolled out to over 4000 users, an increase in the user base compared to 2005.

The agreement includes licenses for Telelogic FOCAL POINT, in addition to licenses for Telelogic TAU for analysis, modeling, design, and code generation, and Telelogic DOORS for requirements analysis and management. FOCAL POINT's decision-making capabilities convinced the customer's product management group to standardize on it for release planning and product planning.

"Telelogic's solutions deliver powerful benefits to companies across the entire lifecycle - from deciding what to build to designing, developing and delivering it", said Anders Lidbeck, President and CEO of Telelogic. "Telelogic is still the first choice when world-leading telecommunications companies need solutions to deliver and succeed in today's dynamic and competitive market."

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Product News

A New Version Autodesk® INVENTOR Connector to ADVITIUM

20 December 2006

LASCOM announced the release of its Advitium connector.

Associated to Autodesk Vault, this connector handles all Inventor files, their links and associated revisions. It therefore ensures a full audit trail of the design work.

Beyond vaulting, Advitium Inventor Connector is an integrated solution that manages product configurations, at design stage.

It also monitors all critical design processes for new product design or modification. Advitium Inventor connector is fully integrated with Advitium WizardFlow (1) processes: technical portal, Eco(s), validation and visas ...).

Inventor Connector has already been delivered to several Advitium customers ; they see Advitium Inventor Connector as :

- The main data repository

- A technical document management system
- The product configuration tool
- A collaborative solution
- A process tool

(1) Advitium WizardFlow, press conference, 2005 November 9th

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ALGOR, Inc. Launches FEMPRO to Compete With Femap

3 January 2006

[ALGOR, Inc.](#) announced the immediate availability of FEMPRO, which has been designed to compete with Femap in the arena of pre- and post-processing for NASTRAN-compatible and other finite element analysis (FEA) software.

"FEMPRO is a modern, easy-to-use and complete system with full finite element modeling, results evaluation and presentation capabilities. Using FEMPRO, users build FEA models which can be processed by a variety of solvers for the purpose of performing mechanical simulation, which is often called virtual prototyping," said Bob Williams, ALGOR Product Manager.

Some important advantages of FEMPRO over competing software include:

-- Complete support for leading CAD solid modeling systems such as NX and Solid Edge from UGS Corp., CATIA and SolidWorks from Dassault Systemes, Pro/ENGINEER from Parametric Technology Corporation, and Autodesk Inventor and Mechanical Desktop from Autodesk, Inc. Additional CAD systems supported include Alibre Design, IronCAD, KeyCreator, Rhinoceros and others. For most systems, FEMPRO provides direct CAD/CAE data exchange and full associativity with each design change.

-- Hex-dominant hybrid meshing provides automatic mesh generation from CAD, resulting in finite element models that are populated primarily of hexahedral or "brick" elements on the surface. This method places the most accurate elements on the surface of the model where results are the highest and utilizes tetrahedral elements for the interior of the model, thereby providing the maximum combination of accuracy and solving speed.

-- An extensive array of user interfacing for analyses including static stress and Mechanical Event Simulation (MES) with linear and nonlinear material models, linear dynamics, fatigue, steady-state and transient heat transfer, computational fluid dynamics, electrostatics and full multiphysics.

Over the past 20 years, FEMPRO was developed as a primary component of ALGOR's complete finite element modeling and analysis software system. Beginning in 2002, ALGOR began adding full NASTRAN compatibility to its software line. This includes the ability for FEMPRO, its finite element modeling and post-processing tool, to create models for NASTRAN processors and to read in the results from NASTRAN analyses to graphically display result contours including displacements, stresses, mode shapes resulting from vibration, temperature profiles and other engineering parameters.

Now, for the first time, ALGOR is making FEMPRO widely available for users of other finite element systems including NASTRAN solvers, which are offered by a number of companies such as MSC.Software and UGS Corp.

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Avatech's Free Plug-in Places 2D & 3D Designs Anywhere on Google Earth

4 January 2006

[Avatech Solutions, Inc.](#) announced the availability of Avatech Earth Connector, a unique AutoCAD plug-in which allows architects, building designers, and engineers to place 2D and 3D structures developed in AutoCAD-based products directly into Google Earth's 3D world.

Google Earth has done more to advance the public's awareness of GIS – Geographic Information Systems – than anything since MapQuest and is delivered via an easy access desktop service. Avatech Earth Connector joins a popular design-creation tool with a popular Geographic Information Systems (GIS) tool.

While images created using Avatech Earth Connector will not replace carefully rendered scenes created with products like Autodesk VIZ, the ability to quickly develop and send a design to a client which allows them to view a structure or land project in place from all angles makes Avatech Earth Connector an attractive addition to the designer's toolkit.

The benefit to architects, designers and engineers is that they can show buildings, subdivisions or other designs to clients in the context of a 3D world. The ubiquity of Google Earth, its game-like rendering speed, and built-in GIS imagery provides users of Avatech Earth Connector with a quick, easy way to show clients how a finished project might look in place.

"At Avatech Research and Development, we continuously try to improve our clients' abilities to use drawings in more efficient and unique ways that give them a competitive advantage," said Avatech President and COO, Scott Harris. "Our development team quickly saw the opportunity to make a link between Google Earth and AutoCAD and have built an innovative solution that enables companies to communicate and collaborate in new ways."

Avatech Earth Connector is currently in beta form, and works with Autodesk AutoCAD 2006 and 2005. Earth Connector is free to download from the Avatech Web site at <http://www.avat.com/web/earth>. Contact information for feedback is available on the download page.

"We are inviting people to download and use the beta version to give us feedback about how we can enhance Earth Connector's functionality," said Matt Mason, Avatech Director of Research and Development.

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CADDetails.com Symbols and Drawings now Available for CADopia Users

27 December 2005

[CADopia](#), a developer and supplier of CAD software based on OpenDesign and IntelliCAD technologies, announced that it has signed an agreement with CADDetails.com to make CADDetails.com Symbols available to CADopia users via Internet.

"CADopia users will benefit significantly from the use of thousands of standard architectural, civil, mechanical and HVAC symbols from CADDetails," said Surya Sarda, President and CEO of CADopia. "Use of Standard Symbols cuts down time for creating production drawings, results in fewer errors, and helps achieve greater standardization."

CADopia develops and distributes affordable Windows-based CAD software products. CADopia 6 is a CAD solution for engineers, architects, designers and drafters - virtually anyone who creates, edits or views professional drawings. It offers a high degree of compatibility with popular CAD systems and supports DWG as its native file format. CADopia can be customized using Lisp, Microsoft VBA, and SDS (Solution Development System).

CADopia 6 is available in 3 editions - Standard, Premium, and Professional. An educational version of the product is available for educational institutions.

CADopia 6 supports advanced features such as floating network licenses, integrated Visual Basic Editor, photorealistic rendering, ACIS solid modeling, raster image editing, document management, Adobe Acrobat PDF output and viewing of Microstation DGN and ESRI SHP files as raster images.

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Cadence and Sun Extend Collaboration and Announce Broad Support For EDA Applications

3 January 2006

Sun Microsystems, Inc. and Cadence Design Systems, Inc. announced that Cadence is the first electronic-design-automation (EDA) technology vendor to provide broad support across its product lines for the Solaris™ 10 Operating System (OS) for AMD Opteron™ and Sun UltraSPARC® processor-powered Sun Fire™ clients and servers. In addition, the companies have extended their long standing business relationship with the signing of a multi-year contract for Cadence products and services, and agreed to develop additional solutions that address design challenges at 90 nanometers and beyond.

Cadence will be supporting both desktop and server applications from their EDA product line for integrated circuits. With this broad support, Cadence will offer over sixty applications on four different platforms for the Solaris 10 OS.

"This collaboration is yet another illustration of Sun's steadfast commitment to the EDA and desktop markets. We are very pleased that Cadence has chosen to support the Solaris 10 OS," said Stephen Borcich, vice president, Partner Marketing, Sun Microsystems. "As a result of dedicated investments in engineering and testing focused on product interoperability, performance optimization and timely delivery, Cadence customers will be able to easily run Solaris 10, the most advanced operating system on the planet. The key features of the Solaris 10 OS, including Dynamic Tracing and Solaris™ Containers, running on SPARC and x64 processor-based Sun Fire servers, will help our customers get better service levels and application performance, as well as protect their software investment."

"Cadence works with industry-leading partners to help customers address their most pressing design challenges," said Ajay Malhotra, senior vice president of Marketing at Cadence Design Systems. "Today's news demonstrates Cadence and Sun's ongoing commitment to help customers with their EDA design challenges while leveraging the compelling benefits of the Solaris 10 OS on SPARC and x64 Sun Fire systems."

In response to customer demand, Cadence will broaden support for the Cadence® Encounter® digital IC design platform, the Virtuoso® custom design platform, the Incisive® functional verification platform, and Cadence Design for Manufacturing (DFM) technologies to include the Solaris 10 OS on Sun Fire x64 (x86, 64-bit) servers and clients powered by AMD Opteron processors. Cadence will provide customers with high performance and scaling, proven high-grade security and a leading high-availability platform with a choice of AMD Opteron, Sun UltraSPARC or Intel processors, all supporting the Solaris 10 OS.

"With Cadence now supporting the Sun Solaris 10 OS for Sun Fire x64 platforms, our investment is protected with guaranteed compatibility," said Mike Hames, senior vice president, Application Specific Products, Texas Instruments. "The same operating system operates on both x86 and x64 systems, with platform feature parity between UltraSPARC-based platforms and x64 systems. This will help TI to continue delivering quality silicon to our customers."

As Sun expands its already significant commitment to Cadence solutions, customers stand to benefit through each company's customer acceptance practice, where customers input directly into product development, as well as binary compatibility and continued support of innovative joint technologies.

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CoCreate 2D Drafting to 3D Modeling Free Upgrade Offer

3 January 2006

[CoCreate Software, Inc.](#) announced a special upgrade offer for CoCreate Designer Drafting customers.

Upgrade to OneSpace Designer Modeling for free.

The only out-of-pocket cost is the first year of support, which must be purchased for each upgrade license for \$1,390. In addition to full support, each license includes access to all major and minor upgrades throughout the year.

Since Designer Drafting is packaged into Designer Modeling, there is no loss of functionality -- only the addition of 3D power.

"This is a sweetheart deal for our 2D customers that will introduce them to the benefits of 3D lean product development," says William M. Gascoigne, CoCreate CEO. "Any CoCreate 2D customer that has been considering the transition to 3D product development or disappointed with the returns and complexity of history-based 3D design has a rare opportunity to move to Designer Modeling at an incredible price."

Contact your local account executive, CoCreate reseller or the CoCreate customer service center (1-866-267-8311) to learn more about this offer.

This upgrade opportunity ends February 28, 2006 or when all 1000 upgrades available within this offer have been requested. Only Designer Drafting customers that have not yet added Designer Modeling to their CoCreate product portfolio are eligible for this offer. Other conditions may apply.

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Creaform Combines Handyscan 3D & Geomagic to Provide Real-Time Processing and Graphics

3 January 2006

Creaform has announced a new plug-in that uses the Geomagic API to provide real-time processing and graphics display of physical objects as they are captured by the company's new Handyscan 3D optical measurement system.

The Creaform plug-in interactively processes and displays a shaded model as a physical object is captured by the Handyscan 3D system. This enables the operator to see exactly what has been scanned, resulting in more complete data capture. The plug-in fully integrates Handyscan 3D with Geomagic software for digital shape sampling and processing (DSSP): Geomagic Qualify for computer-aided inspection, and Geomagic Studio for accelerating the design-build cycle.

"The Geomagic API made it easy for us to develop an interactive plug-in that integrates Handyscan 3D with powerful DSSP technologies," says Charles Mony, Creaform president. "The new plug-in simplifies the process of creating 3D models and performing analysis based on the points, features and datums collected by Handyscan 3D."

Handyscan 3D is the first self-positioned scanner. The hand-held system is very portable, weighing only two pounds. It establishes positioning from targets placed on the object being scanned. A unique crosshair laser system containing two high-definition cameras captures data. Accuracy is up to 0.25mm and 0.1mm in resolution.

The Geomagic API enables any optical measurement system to integrate seamlessly with Geomagic software and interactively create surface models from points captured in real-time.

"We are pleased that Creaform is taking advantage of our agile platform to offer added value to Handyscan 3D customers," says Andrew Stein, vice president of marketing, product and business development for Geomagic. "This is an example of how Geomagic works with optical measurement system vendors to help end users realize significant return on investment from DSSP."

About Creaform

Creaform (<http://www.creaform3d.com>) integrates the physical and digital worlds by providing products, services and integration for laser scanning and reverse engineering, design and styling support, digitization and CAD, 3D product libraries, and 3D inspection. The company has headquarters in Canada and facilities in the United States and Europe. Creaform is a member of the Geomagic Alliance Program (GAP), the industry-wide program that helps measurement system manufacturers, technology OEMs, and resellers deliver better integrated solutions, simplified workflows, and greater customer satisfaction.

About Geomagic

Geomagic (<http://www.geomagic.com>) simplifies digital shape sampling and processing (DSSP), enabling customers to accelerate their design-build cycles and ensure quality at every step. More than 4,000 professionals in industries such as automotive, aerospace, medical devices and consumer products use Geomagic software and services. Geomagic has headquarters in Research Triangle Park, N.C., subsidiaries in Europe and Asia, and distributors worldwide.

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Federation Software Releases Value Chain Connector for Windchill ProjectLink

4 January 2006

Federation Software announced the release of its Value Chain Connector™ for Windchill ProjectLink™, the PTC® solution for collaborative product development.

The Value Chain Connector (VCC) for Windchill ProjectLink allows disparate Product Lifecycle Management (PLM) systems to be connected bi-directionally to the Windchill ProjectLink system. The VCC works hand-in-hand with Federation's Independent Platform Gateway™ (IPG) to precisely define product data your organization needs to share, and then actively transfers the data to the target systems you designate. IPG continuously and securely transmits updates to the data between the systems.

"With support for the latest version of Windchill ProjectLink, Federation Software enables customers to connect heterogeneous environments federating product data back and forth," said Kirk Hanes, CEO, Federation Software.

This latest Value Chain Connector frees up the product data stored in Windchill ProjectLink to be shared with other PLM systems among the extended enterprise, internally and externally. It is a full-featured adapter that supports reading from and writing to Windchill ProjectLink versions 6.2.6, 7.0, and 8.0. Having a connector of this nature addresses some of the primary challenges within project management - - integrating and managing disparate applications to facilitate workflow through dynamic, real-time relationships between buyers, suppliers and partners. To find out more, visit: <http://www.federationsoftware.com> or call: 1-800-799-7419. For more information please email: info@federation.com.

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Flomerics Announces FLO/PCB for Allegro, Offering Bi-directional Interface to Cadence Allegro PCB Editor

January 2006

Flomerics announced that it has introduced Version 3.0 of its FLO/PCB thermal design software, FLO/PCB for Allegro, which provides a link to Cadence® Allegro® PCB Editor software. Designers can simply call up a menu item on the Cadence software and, with a few mouse clicks, generate a thermal model of their design. They can quickly analyze the design from a thermal standpoint and identify problems at a stage in the design process when they can be quickly and inexpensively corrected.

The FLO/PCB/Allegro interface transfers information about the PCB's geometry and components needed to perform thermal analysis. This includes the number of metallic layers, the type of each layer such as signal or power or ground plane, the coverage of copper on the board, and the location and power dissipation of each component. The interface also allows the user to select the appropriate layer used to derive the physical extents of the package. Placement updates made in FLO/PCB can be passed back to Allegro PCB Editor thus providing bi-directional connectivity allowing for concurrent placement and thermal design.

The Cadence/Flomerics interface is built using the membership in the Cadence Connections Program for collaboration, bringing value and emerging third-party solutions to the end customer. Using the Cadence and Flomerics technologies together enables the companies' mutual customers to streamline the PCB design process by addressing and solving thermal issues during the architectural phase of the project, when changes are easier and less expensive to make.

"These days thermal densities are such that engineers must consider thermal solutions and the consequent mechanical requirements in the earliest stages of board design," said Dr. Mike Reynell, Director of Marketing for Flomerics. "Our new link to Allegro PCB Editor enables users to analyze and optimize a thermal model of their board in a matter of minutes."

FLO/PCB for Allegro also exchanges information with the other members of the Flomerics integrated analysis environment, Flotherm and Flo/EMC. For example, the same PCB design that is used to create a FLO/PCB model can also be incorporated into a system-level model in Flotherm. Being able to address thermal management and EMC issues within a single environment makes it possible for mechanical

engineers to get a head start on the difficult design tradeoffs that are frequently required between these two disciplines.

FLO/PCB promotes a conceptual design process that integrates electrical and mechanical design for printed-circuit boards, enabling early resolution of component placement and thermal issues – a capability that is proving critical for design of high-performance electronics. FLO/PCB combines functional, component placement and thermal views of the design into a single virtual model, enabling systems, hardware, mechanical and thermal engineers to design collaboratively and re-solve design conflicts quickly and effectively.

The Cadence Connections program promotes interoperability in all areas of electronic design, bringing value and third-party solutions to our customers' design chain. Connections Program members develop integrated software solutions that extend and add value to Cadence's leading design and verification technology. Information about the Connections program may be found at <http://www.cadence.com/partners/connections/>.

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IronCAD Announces the Release of IronCAD Version 8.0 Japanese

23 December 2005

[IronCAD](#), a provider of 3D Design Productivity Solutions announces the immediate availability of IronCAD V8 Japanese, the latest offering of its 3D design solution. IronCAD V8 Japanese is available exclusively from Hitachi Zosen Information Systems (HZS) based in Tokyo, Japan.

The combination of its advanced architecture and additional features found in IronCAD V8 allow designers to capture innovative design concepts in 3D faster than any other system available today. IronCAD V8 is a major step forward with over 200 customers requested enhancements and quality improvements. Also included with version 8.0 is a second bonus CD containing a suite of free integrated third party solutions making this release a tremendous value to its customers. Some of the key areas of improvement in this release can be found in the modeling, 2D drawing, third party software integration and general product performance areas.

IronCAD V8 Japanese and its accompanying bonus CD are available for immediate delivery and will begin shipping to existing customers in Japan around the end of November 2005.

"IronCAD 8.0 Japanese represents IronCAD's continued dedication to the Japanese market and our long term partner HZS", says Steve McGuinness, Director of International Sales. "We are honored to make the powerful technologies in IronCAD 8.0 available to the Japanese market, IronCAD's many improvements in this version will continue the tradition of customers experiencing higher productivity bringing customer visions, designs, and products to market faster than they could with any other midrange CAD program available today."

"Our customers are constantly demanding the best technology and tools that are available. HZS furthers its commitment to our customers by bringing IronCAD 8.0 Japanese to them", says Junji Kanaoka, General Manager, PLM Business and Marketing Division, HZS. "We are confident that this release will

meet customers needs now and well into the future. We are especially excited about the included Solution Partner Bonus CD and the value it brings to our customers."

IronCAD's technology enables small-to-medium sized manufacturers and engineering teams develop products more quickly, at higher quality standards and lower cost. The combination of IronCAD's design productivity with its value price point is making it a favorite choice of companies from around the world.

Hitachi Zosen Information Systems Co., Ltd. (HZS), headquartered in Tokyo, Japan, was established in 1977 with system integration as its corporate mission. Through many successful experiences with various industries, HZS provides an extensive product portfolio of CAD/CAM/CAE. The Space-E family and Space-E CAA V5 based family, HZS' flagship solutions, offers a comprehensive suite of products to satisfy various needs in the manufacturing field. HZS is the leader in Japanese the CAM and MOLD software with leading market share. HZS helps to strategically systematize information concerning management resources, including human, material and capital resources, and constructs an information system, which will allow further improvements to be made. For additional information, please contact HZS at 81-3-5711-5341 or visit <http://www.hzs.co.jp>.

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i2 Signs Reseller Agreement with Endeca; Integrated Product Information Capabilities to Simplify and Enhance Component Reuse and Product Cost Management Business Processes

3 January 2006

[i2](#) Technologies, Inc., announced that it has signed a reseller agreement with [Endeca](#), a provider of Guided Navigation®, Search and Analysis solutions. Under the terms of the initial agreement, i2 can now offer and resell specific Endeca-powered product information access solutions to enhance the i2 Supplier Relationship Management (SRM) solutions and better support component reuse and product cost management business processes across the entire enterprise.

The partnership is designed to provide current and new i2 SRM customers with the ability to quickly deploy highly advanced and intuitive search and navigation capabilities to simplify user access to products, components and parts information. Endeca's solution features include zero-training interface, enhanced information access capabilities, and sub-second performance for added benefits on top of i2 standard reuse offerings, potentially reducing the time-to-value of deploying i2 offerings to a broad user base.

"We believe that the Endeca solution will allow i2 to provide increased value to our existing customers, especially those that are deploying this solution across the entire enterprise," said i2 Vice President of Global Alliances Jim Caudill.

The Endeca solution will be offered to existing i2 clients as a value-added module for Guided Navigation and to new SRM customers as a bundled solution. Endeca's patent-pending approach is designed to guide users to the best products and parts options available given specific technical and business criteria, and incorporating organizational objectives like reducing hazardous materials, increasing the use of preferred

parts and ensuring appropriate lifecycle properties. Guided Navigation can complement searching and browsing through automatic user prompts based on available data and the user's unique question/search query, providing quick drill-down to meaningful answers, and exposing important tradeoffs to help optimize decision making.

"i2 SRM solutions give manufacturers and suppliers the key capabilities necessary to bolster strategic sourcing and parts reuse initiatives," said Endeca industry lead, Manufacturing and Distribution, John Andrews. "Through this partnership, i2 and Endeca intend to offer a user experience that encourages wider adoption and increased use of these powerful solutions, thus multiplying the benefits and realizing new opportunities for cost savings and operational efficiencies."

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Moldflow Announces the Release of Moldflow Plastics Insight 6.0

4 January 2006

Moldflow Corporation announced release 6.0 of Moldflow Plastics Insight® (MPI®).

MPI 6.0 delivers new technologies and key enhancements that help users work more efficiently, significantly reduce solution time, interact better with CAD, structural analysis and other Moldflow applications, and better understand and communicate analysis results.

Two new technologies in MPI 6.0 bring significant breakthroughs for 3D filling and warpage applications. The new coupled 3D Flow solver is up to eight times faster, and renders more accurate temperature and shear heating calculations, new capabilities to predict air traps and to simulate gas penetration in 1D beam elements, and the first-of-its-kind capability to simulate jetting phenomena. Similarly, new 3D Warp solver technology delivers results up to 35 times faster.

Ken Welch, executive VP and general manager of Moldflow's Design Analysis Solutions business unit, states: "Succeeding in today's global market depends on continuously increasing efficiency and performance. This is especially true in the plastics industry, where the widespread use of 3D CAD systems for integrated part and tool design has generated a corresponding shift to CAE analysis technologies that run directly on those 3D models. The new 3D solver technologies in MPI 6.0 embody the culmination of a major research and development undertaking and employ the latest numerical simulation techniques to break down former speed and capacity barriers for our customers who increasingly rely on MPI/3D solutions to increase output and quality."

Gal Sherbelis of GS Design (Rh'anana, Israel), says: "The MPI 6.0 release delivers two significant improvements in the 3D Flow simulation: accuracy and execution time. Using the new version, I was able to simulate a very specific air entrapment problem in an area where the flow front moved from a thin to a thick section; the trapped air bubbles caused a surface defect. MPI 6.0 allowed me to understand the cause of the problem and examine a change to the geometry that would fix it. Plus, the reduction in solver execution time enables me to run more 3D analyses on thin-wall parts, even on models with a large number of elements."

Other key features:

MORE EFFICIENT, PANEL-BASED USER INTERFACE – Reorganized display reduces screen clutter and allows more efficient workflow for most tasks with a new Tools panel and Toolbox, consolidated Project and Study Tasks panel, and single log window that consolidates most textual outputs.

Claudio Dall’Acqua, Moldflow analyst at HRSflow (San Polo Di Piave, Italy), says: “The new user interface organization is more rational than ever and allows quicker access to modeling, meshing, and mesh diagnostic and repair functions. In particular, the new directed diagnostics navigation is very useful. These improvements have helped speed up my pre-processing work. Additionally, I have seen improvement in meshing operations, especially in part thickness calculations on our Fusion models.”

IMPROVED PRODUCT INTEGRATION – Export Part/Runner/Cooling model to CAD via IGES format, improved interfaces to ABAQUS® and ANSYS®, a new interface to LS-DYNA™, plus new capabilities to exchange design-through-manufacturing data between Moldflow Manufacturing Solutions and Design Analysis Solutions products. The improved integration between MPI and industry standard structural integration programs allows designers of high performance plastic applications to more accurately account for the effects of processing on the performance of injection molded plastic parts when subject to service loading.

Andy Rose of DSM-DADC (Geleen, The Netherlands) uses both Moldflow and LS-DYNA analyses in his work. “The new LS-DYNA interface allows us to output MPI results for subsequent mechanical analysis using LS-DYNA. This improves our understanding of how injection molded parts will perform under dynamic conditions. For analyzing automotive components, LS-DYNA provides some unique features for dynamic analyses, especially impact and collision (crashworthiness) simulations, which help show achievement of quality and regulatory safety standards. Now we can account for initial stress and (for fiber-reinforced materials) anisotropic material property distributions to achieve a more accurate prediction of part performance under true operating conditions.”

STREAMLINED DIAGNOSTIC AND COMMUNICATION TOOLS – Systematically validate mesh quality with directed diagnostics navigation. Generate reports in Microsoft® Word® or PowerPoint® formats, in addition to HTML format. Share information with a distributed design-through-manufacturing team by exporting Moldflow results files and creating comparison criteria files for viewing in the Moldflow Communicator utility.

Alain Cuzel, CAD/CAM Manager at Calor (St-Jean de Bournay, France), says: “The new directed diagnostics navigation tool is a welcome improvement that saves us time in mesh optimization tasks. The automatic view adjustment helps us address meshing issues more efficiently.”

Rotraud Freytag, Manager CAE Unit at Upper Austrian Research GmbH (Wels, Austria), says: “As injection molding simulation consultants, we interact with companies in many different industries. The expanded report generation options and new communication tool implemented in MPI 6.0 make it easier to share analysis results with our project partners or customers quickly, thus enabling them to start necessary optimization processes much faster.”

MORE INFORMATIVE RESULT DISPLAYS – Isolate warpage due to unbalanced cooling, non-uniform shrinkage and fiber orientation in 3D Warp, view mold internal temperature distributions in 3D Cool, see the plastic re-melt zone in 3D Overmolding, capture changes in the flow front due to jetting in 3D Flow, visualize the Von Mises stresses on the surface of the core in Core Shift, and isolate warpage due to corner effects for Midplane and Fusion Warp analyses.

Availability

MPI 6.0 is available now. For more information, please call Moldflow at 508-358-5848 or go to <http://www.moldflow.com>.

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Sequence Partners with DongbuAnam to Create Power-Aware Reference Flow

3 January 2006

[Sequence Design](#) disclosed that it is developing an advanced power-aware reference flow with Korea's DongbuAnam Semiconductor Inc., one of the world's largest pure-play wafer foundries, for 130nm and below process technologies.

The Sequence flow addresses a range of critical issues including SoC (System-on-Chip) power analysis and optimization, stand-by leakage and dynamic power optimization, and power grid analysis and optimization.

"There are two things about Sequence that make them an ideal partner for this effort," said Jae Song, executive vice president of strategic business development for DongbuAnam. "First, they have unparalleled technology for dealing with power issues associated with today's most advanced semiconductor manufacturing; and second, their commitment to interoperability with other EDA vendors makes integration a pain-free experience for our customers."

The new flow will incorporate Sequence's power-aware technologies, including the latest releases of PowerTheater™, a complete toolkit for SoC power analysis and optimization; CoolPower™, providing physical power optimization for stand-by leakage power, and dynamic power; and CoolTime™, for static and dynamic power grid analysis and optimization. For more information: http://www.sequencedesign.com/2_solutions/2a_overview.html.

"Relationships with such well-respected and sophisticated partners as DongbuAnam pay enormous dividends," said Sequence president and CEO, Vic Kulkarni. "Only by working with companies at the forefront of science and technology can we maintain the competitive edge necessary to compete in today's semiconductor business."

DongbuAnam will make the newly developed power-aware reference flow jointly developed with Sequence available to its customers in April 2006.

About DongbuAnam Semiconductor

DongbuAnam Semiconductor, one of the largest pure-play wafer foundries in the world, specializes in world-class CMOS wafer processing that enables System-on-Chip implementations which integrate the most advanced logic, analog, and mixed-signal technologies. Through close working relationships with strategic partners, DongbuAnam offers a broad range of services that augment its world-class wafer manufacturing capabilities. DongbuAnam is a key global supplier within Korea's well-established semiconductor manufacturing infrastructure. The company's stock trades on the Korea Stock Exchange under the stock code 001830. For more information, visit <http://www.dsemi.com>.

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