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## Acquisitions

### *Iomega Received Revised Unsolicited Proposal and Is Prepared to Enter Into Discussions With EMC*

March 17, 2008

[Iomega Corporation](#) announced today receipt of a revised unsolicited non-binding indication of interest from [EMC Corporation](#), in which EMC indicated that it is prepared to offer to acquire the outstanding common stock of Iomega for up to \$3.75 per share, assuming a total of approximately 54.8 million outstanding shares, subject to completion of due diligence. The Iomega board of directors, after consultation with its financial and legal advisors, has determined that the revised acquisition proposal from EMC would reasonably constitute a superior proposal as defined in the previously announced share

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purchase agreement that Iomega entered into with ExcelStor Great Wall Technology Limited, a Cayman Islands company ("ESGWT"), Shenzhen ExcelStor Technology Limited, a PRC company ("SETL" and, together with ESGWT, "ExcelStor"), Great Wall Technology Company Limited, a People's Republic of China company ("GWT"), ExcelStor Group Limited, a Cayman Islands company ("EGL"), and ExcelStor Holdings Limited, a British Virgin Islands company ("EHL" and, together with GWT and EGL, the "Selling Shareholders"), on December 12, 2007 (the "ExcelStor Purchase Agreement"). Based on this determination and as permitted by the ExcelStor Purchase Agreement, Iomega's board of directors has authorized Iomega to furnish information to EMC and enter into discussions with it regarding its most recent proposal. Pursuant to the ExcelStor Purchase Agreement, Iomega must provide the Selling Shareholders with at least 2 business days notice prior to entering into discussions with or furnishing any information to EMC in response or with respect to the EMC acquisition proposal. Iomega provided such notice to the Selling Shareholders on March 14, 2008.

Iomega's board of directors, together with its financial and legal advisors, will continue to evaluate all aspects of the acquisition proposal from EMC. While Iomega's board of directors has determined that the EMC acquisition proposal would reasonably constitute a superior proposal, it has not determined that a transaction with EMC is superior to the business combination contemplated under the ExcelStor Purchase Agreement as there are no agreed upon terms for a transaction with EMC.

The EMC acquisition proposal is a non-binding indication of interest and is subject to completion of due diligence of Iomega by EMC and agreeing to terms for a definitive agreement. There can be no assurance that EMC will ultimately make an offer that Iomega's board of directors will determine constitutes a superior proposal or that Iomega and EMC will reach an agreement on terms regarding the acquisition of Iomega by EMC. Additionally, there can be no assurance that, if an agreement is reached between Iomega and EMC, the price per share paid by EMC will be equal to the price per share specified in EMC's current non-binding indication of interest.

While Iomega's board has authorized Iomega to enter into discussions with EMC, there is no definitive proposal with terms and Iomega's board of directors has not approved, adopted or recommended an EMC acquisition proposal. Moreover, Iomega's board of directors has not withdrawn, qualified, or modified its recommendation with respect to the ExcelStor Purchase Agreement, or the transactions contemplated thereby, and the ExcelStor Purchase Agreement among Iomega, the Selling Shareholders and ExcelStor remains in full force and effect.

As previously announced on December 12, 2007, pursuant to the share purchase agreement with ExcelStor and the Selling Shareholders, Iomega proposes to acquire 100% of the issued and outstanding equity interests in ExcelStor, from the Selling Shareholders, in exchange for a number of shares of Iomega's common stock (utilizing the treasury stock method) that will represent, in the aggregate, approximately 60% of the issued and outstanding capital stock of Iomega immediately following the completion of the transactions. Iomega and the Selling Stockholders are in the process of preparing the required filings for obtaining the necessary regulatory and stockholder approvals for the business combination.

As required by the ExcelStor Purchase Agreement, before entering into discussions with or furnishing any information to EMC, Iomega will execute a confidentiality agreement with EMC. As a matter of policy, and consistent with its obligations under the ExcelStor Purchase Agreement, Iomega will not be issuing any further press releases and will not be updating the market about the status of the EMC acquisition proposal or the course of any discussions with EMC until such time as further action on the part of Iomega is required, if at all, pursuant to the terms of the ExcelStor Purchase Agreement, nor will

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it comment upon any rumors with regard to the foregoing

## **About Iomega**

Iomega Corporation, headquartered in San Diego, is a worldwide leader in innovative storage and network security solutions for small and mid-sized businesses, consumers and others. The Company has sold more than 400 million digital storage drives and disks since its inception in 1980. Today, Iomega's product portfolio includes industry leading network attached storage products, external hard drives, and its own award-winning removable storage technology, the REV® Backup Drive. OfficeScreen®, Iomega's managed security services available in the U.S. and select markets in Europe, provides enterprise quality perimeter security and secure remote network access for SMBs, which help protect small enterprises from data theft and liability. To learn about all of Iomega's digital storage products and managed services solutions, please go to the Web at <http://www.iomega.com/>. Resellers can visit Iomega at <http://www.iomega.com/ipartner>.

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## ***Lawson Software Acquires Freeorders® Product Lifecycle Management Software Division***

March 17, 2008

Lawson Software today announced it has acquired the Product Lifecycle Management (PLM) software division of San Francisco-based Freeorders®. With this acquisition, Lawson will deepen its enterprise software offerings for companies in the fashion industry. Freeorders will retain its existing technology outsourcing services, which are not included in Lawson's acquisition.

PLM helps fashion manufacturing companies more quickly source the materials they need to move a product from design to production. By adding PLM capabilities to its portfolio of enterprise software offerings, Lawson can now help companies establish processes that will enable them to cut the lead time from product concept to production to actual delivery to the retail store shelf.

The best-of-breed PLM solution developed by Freeorders is well-tested and proven in the fashion industry. The company serves 79 PLM customers in the U.S., Europe and Asia.

Lawson Fashion PLM will initially be available as a standalone product and Lawson will determine how the product fits with its core Lawson M3 Enterprise Management System for the fashion industry. "The Freeorders solution fills a gap we had in meeting our fashion customers' overall supply chain needs," said Bob McKee, industry strategy director, Fashion, for Lawson. "We now have a proven PLM solution that our customers can add easily and can work alongside our global fashion solutions."

Lawson and Freeorders currently serve several joint customers around the globe, including Hong Kong-based TAL Group. TAL is the leading manufacturer of men's and women's garments for the world's leading brands. "This is good news for customers of Freeorders and Lawson," noted Dr. Harry Lee, CEO of TAL Group. "It means companies like ours can look to one vendor for our enterprise software and product lifecycle management needs. It also means we will have the power of Lawson focused on the PLM product, given the strategic importance of the fashion industry to Lawson."

"Leading solution providers who are focused upon the fashion industry continue to extend their solution footprints to deliver complete end-to-end business processes," said Peter Bambridge, research director, Gartner, Inc. "For example, combining Product Lifecycle Management capabilities with backbone ERP systems can improve agility and speed of response by enabling tight integration between planning and execution, improving visibility across the entire collaborative supply chain and enabling the smooth

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flow of information from design through to delivery.”

Terms of the deal were not disclosed and the transaction is not anticipated to have a material impact on the company’s fiscal 2008 fourth quarter or fiscal 2009 results. Lawson’s fiscal year ends May 31, 2008.

## **About Lawson Software**

Lawson Software provides software and service solutions to 4,000 customers in manufacturing, distribution, maintenance and service sector industries across 40 countries. Lawson's solutions include Enterprise Performance Management, Supply Chain Management, Enterprise Resource Planning, Customer Relationship Management, Manufacturing Resource Planning, Enterprise Asset Management and industry-tailored applications. Lawson solutions assist customers in simplifying their businesses or organizations by helping them streamline processes, reduce costs and enhance business or operational performance. Lawson is headquartered in St. Paul, Minn., and has offices around the world. Visit Lawson online at [www.lawson.com](http://www.lawson.com).

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## ***Synopsys to Acquire Synplicity, Inc.***

20 March 2008

[Synopsys, Inc.](#) announced it has signed a definitive agreement to acquire Synplicity®, Inc. When completed, the acquisition will significantly expand Synopsys' technology portfolio, channel reach and total addressable market.

In addition to Synplicity's solutions for FPGAs, Synopsys will gain a differentiated rapid prototyping portfolio that complements its virtual prototyping business. Combining Synplicity's hardware-based rapid prototyping and Synopsys' software-based virtual prototyping solutions will enable electronics companies to meet tight market windows with proven designs, even as software content continues to grow exponentially.

Under the terms of the agreement, Synopsys will pay \$8 cash per [Synplicity](#) share, resulting in a gross transaction of approximately \$227 million, and approximately \$188 million net of cash acquired. The transaction is subject to regulatory and Synplicity shareholder approval, as well as other customary closing conditions, and is expected to close in the second calendar quarter of 2008. After the closing, Synplicity will become part of Synopsys and Synplicity stock will cease trading.

When completed, Synopsys anticipates the transaction to be accretive in fiscal 2009 and slightly dilutive in fiscal 2008, while remaining within the current 2008 non-GAAP earnings per share guidance range.

"Synplicity's strong product portfolio, expertise, and customer reach will be ideal complements to Synopsys," said Aart deGeus, chairman and CEO of Synopsys. "The combination will expand our presence in the systems and mid-tier market segments, will support our strategy to provide rapid prototyping capabilities to a broad set of customers to enable much faster software development, and will enhance Synplicity's already strong offering in FPGA implementation."

"The acquisition by Synopsys will allow us to scale Synplicity's FPGA and rapid prototyping business to help more designers successfully solve the increasingly complex problems associated with creating today's chips and systems," said Gary Meyers, president and CEO of Synplicity.

Synplicity President and Chief Executive Officer Gary Meyers will join Synopsys as a general manager. Synplicity Co-Founder, Chief Technical Officer, and Vice President Ken McElvain will join Synopsys

to help architect the company's systems solutions.

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## Company News

### ***Accept Software Expands its Reach into High Growth Companies Through Alliance with the San Francisco Consulting Group (SFCG)***

14 March 2008

[Accept Software](#) announced it is working with revenue consulting firm San Francisco Consulting Group (SFCG) to expand Accept's reach into high growth businesses. The extension of the two-year relationship between Accept and SFCG, an authorized Accept reseller, will help more companies improve the commercial success of products and services by improving ideation, portfolio management, product development, and strategic alignment.

Companies using Accept gain greater certainty about customer needs, align corporate and product strategies with those needs, and improve visibility and control for all participants in the process. Using SFCG's Revenue Seven framework alongside Accept helps companies drive more revenue without sacrificing margin.

"Innovation is critical to success, and turning out winning products in a smarter, faster, and more efficient way is the key to success for small and mid-sized companies," said Stephen Turner, Senior Vice President of Strategic Alliances and Sales, Accept Software. "The combination of Accept and SFCG's Revenue Seven framework helps these high growth organizations improve speed to market with new products, drive competitive advantage, and ultimately create more commercially successful products and services."

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### ***ANSYS Sponsors Dinosaurs Exhibit at Carnegie Museum of Natural History***

March 17, 2008

[ANSYS, Inc.](#), a global innovator of simulation software and technologies designed to optimize product development processes, today announced it is a sponsor of the Dinosaurs in Their Time exhibit at the Carnegie Museum of Natural History in Pittsburgh. This is the first permanent exhibit in the world to feature scientifically accurate, immersive environments that are composed of original fossil specimens. It is unique in that the dinosaurs are posed in active, engaging stances based on modern scientific conceptions, rather than the long-held notion of lumbering, tail-dragging, cold-blooded, lizard-like creatures.

ANSYS is sponsoring the dinosaur exhibit as part of its corporate citizenship program. The Company honors a commitment to make "community" an area of focus, a way for it to improve and enrich life in the locales where employees reside and work. ANSYS has a long history of making annual contributions toward community resources, and the museum dinosaur exhibit is the latest example. "We are pleased to be in a position to give back to our community," said Jim Cashman, president and CEO of ANSYS, Inc. "The museum is a source of pride for Pittsburgh, as it is the city's largest and most far-reaching cultural organization as well as a showcase and educational experience for the many people who come to visit." In celebration of the sponsor agreement, ANSYS hosted a "Night at the Museum" so its employees and

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their families could learn first-hand the significance of the exhibit.

"Dinosaurs in Their Time gives the museum's world-class fossil collection a home worthy of its immense scientific importance," said Dr. Zhe-Xi Luo, acting co-director and associate director of science and research at the Carnegie Museum of Natural History. "It is through the generosity of companies like ANSYS that we are able to create something truly unique, educational and inspiring. Everyone at the museum is proud that this world-class collection of real dinosaur fossils is now presented to the public in the most accurate and most inspirational exhibit."

Of the 19 free-standing dinosaur skeletons on exhibit in Dinosaurs in Their Time, 15 of them consist almost entirely of real fossil bones. The museum is home to one of the world's best fossil collections, including the world's greatest collection of dinosaurs from the Jurassic Age.

## **About Carnegie Museum of Natural History**

Carnegie Museum of Natural History is one of the six largest natural history museums in the nation, with more than 20 million specimens from all areas of natural history and anthropology. It is heralded as one of the best places in the world to see and learn about dinosaurs; the spectacular fossil collection is largely credited to Andrew Carnegie's fascination with dinosaurs near the turn of the 20th century, which inspired him to finance paleontological digs in several western states for more than two decades. The museum promotes stewardship of earth and its life; builds strategic collections to preserve evidence of that knowledge; and engages the public in the excitement of scientific discovery about the evolutionary, environmental and cultural processes that shape the diversity of our world and its inhabitants.

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## ***Bentley Names Volker Mueller Research Director for Computational Design***

18 March 2008

Bentley Systems, Incorporated has appointed Volker Mueller to the position of research director for computational design in Bentley's Applied Research group. In this capacity, Mueller is responsible for identifying and pursuing innovative ways to employ computation in the infrastructure design professions. In addition to exploring new approaches to rules-based design, generative design, and analytical design, he will investigate new opportunities for providing real-time design performance feedback to architects and engineers, as well as create the vision for future strategic initiatives. Mueller joins Bentley with more than 15 years of experience in the field of design computing using advanced software. Prior to Bentley, Mueller was design technology manager of NBBJ's design technology group. In this role he was responsible for developing and implementing the architectural firm's design technology strategy, which was founded on object-based design and Building Information Modeling software. Mueller is based in Columbus, Ohio, and will report to Buddy Cleveland, senior vice president of Bentley's Applied Research group.

"We welcome Volker to the Bentley team," said Cleveland. "As we continue to enhance our portfolio of software solutions to sustain the world's infrastructure, we are eager to benefit from his work with researchers and innovators in the academic community and practice. Volker has a broad background and expertise in computational design theory and practice, an extensive skill set, and an in-depth understanding of the challenges faced by infrastructure professionals. This makes him the ideal person to spread awareness of computational design's critical importance to designers, constructors, owners, and operators of everything from buildings, plants, and water systems to roads, bridges, and

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communications networks.

“Volker will also be actively engaged in the strategy and vision for Bentley’s GenerativeComponents product, which became commercially available last year. In addition, he will champion the use of this unique generative design software among architects and engineers and undoubtedly make it the starting point for further investigations of computational design.”

Prior to his service with NBBJ, Mueller was employed for five years with auto.des.sys, Inc., in Columbus, where he contributed to the development of the 3D modeling package form.Z. Earlier, Mueller supported for two years the transition of designers at the Frankfurt Airport Corporation from manual to digital practice. His professional affiliations include membership in the American Institute of Architects, the Association for Computer Aided Design in Architecture (ACADIA), and the National Institute of Building Sciences, and he is on the steering committee of the National CAD Standard version 5.

Mueller earned an Architectural Engineering degree from the Berlin University of Technology and a Master of Architecture degree, with CAAD certification, from Ohio State University as a Fulbright Scholar. He resides in Upper Arlington, Ohio, with his wife and two children.

For more information about GenerativeComponents and the forthcoming GenerativeComponents Discovery Subscription program, visit <http://www.bentley.com/gc>.

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## ***Bentley Publishes Digital Version of ‘The Year in Infrastructure 2007’***

20 March 2008

Bentley Systems, Incorporated published the digital version of “The Year in Infrastructure 2007,” Bentley’s 180-page project yearbook highlighting the extraordinary work of Bentley users improving the world’s infrastructure. The yearbook features descriptions and color illustrations of the more than 230 project nominations recognized and 36 winners honored in the Building, Plant, Civil, Geospatial, IT and Training, and Academic categories of the 2007 BE Awards of Excellence program. New this year is a category for Sustainable Design.

Jay McGraw, group publisher, McGraw-Hill Construction, which sponsors the BE Awards ceremony, said, “Bentley’s ‘Year in Infrastructure 2007’ captures the best of the best in building, plant, civil, and geospatial project work. I highly recommend this extraordinary publication to everyone interested in the infrastructure that sustains us, especially those engaged in the architectural, engineering, construction, and geospatial professions. It provides the opportunity to learn about the accomplishments and challenges faced by some of the most innovative project teams in the world.”

To view “The Year in Infrastructure 2007,” visit <http://www.bentley.com/projectyearbook>. To search the more than 800 world-class projects acknowledged in the 2004-2007 BE Awards of Excellence programs using a special Web tool, visit <http://www.bentley.com/projectsearch>. Searches can be conducted using terms, titles, or keywords to find projects of special interest.

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## ***David Kiefer to Head Powerway, Inc. Business Development as Executive Director***

20 March 2008

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Powerway, Inc. has appointed David Kiefer as Executive Director of Business Development.

As part of its ongoing campaign to broaden its market reach in the US and abroad, Powerway is surrounding itself with executives who have successful backgrounds in marketing management. The appointment of David Kiefer underscores Powerway's commitment to actively build and manage its sales expansion effort.

"Powerway's manufacturing collaboration solutions are providing tremendous value to many major OEMs and their supply chain communities. David Kiefer and his new business development staff will expand our initiatives and pursue additional business opportunities in the automotive, aerospace and defense sectors. With his diverse background and record of success, David will be a valued addition to our team," says Jim Kanir, Powerway President and Chief Operating Officer.

Before joining Powerway, David Kiefer served as Director of Sales for automotive software provider, Neosynergy. In prior assignments he was National Sales Director for Unify Corporation and Government Account Director for CrossAccess Corporation.

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## ***First Trace Names Albert Whipple VP of Sales***

19 March 2008

[First Trace, Inc](#) has announced that Albert Whipple has joined the company as the new Vice President of Sales. Whipple will lead First Trace in bringing the advanced Kinnosa suite of products and solutions to the engineering and enterprise marketplace.

Albert Whipple has succeeded as a VP of Sales and Marketing and Director of Sales for a number of software, high technology, and project management firms including Informatics, Tektronix and Electronics for Imaging.

At First Trace, Albert will focus on driving Kinnosa solutions into the engineering and enterprise marketplace and establishing Kinnosa as the de facto standard for document management solutions. The Kinnosa Enterprise System is an open, distributed, and affordable document management system that integrates with CAD products such as SolidWorks, Microstation, AutoCAD, as well as desktop tools MS Office and OpenOffice. Whipple has a responsibility for sales teams across North American and Europe handling both direct and indirect sales.

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## ***KOMPAS-3D is Closer to Students and Future Specialists***

19 March 2008

ASCON Group launched its international Educational Program. This program aims at the training and popularization of professional CAD solutions among future specialists, designers and engineers all over the world.

ASCON will supply Educational Institutions with the full capability of KOMPAS-3D. Most every kind of Educational Institutions (including Schools, Colleges, Vocational Schools, Universities, Training Centers) will be able to get the latest 3D as well as 2D CAD Modellers and all the wide range of add-ons, novelties such as photorendering, kinematic and dynamic analyses, template manager, 3D-Model

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recognition system and many others for the discounted price. Initially KOMPAS was only in English and Russian languages but now it can be studied also in German, French and Czech.

Educational License of KOMPAS-3D includes:

- Newest Version of KOMPAS-3D V9 ;
- Network hardware key (dongle);
- FREE KOMPAS-3D LT version for students home usage;
- Animation Add-On for Motion simulation in KOMPAS-3D;
- 3D Model Recognition System for import/export 2D/3D models from other CAD solutions;
- Partnership Applications and Add-ons upon agreement;
- First year Upgrade and Support.

ASCON already has successful implementation of its solutions in educational institutions in Germany, France and some other European countries. If Your Educational Institution would like to participate in ASCON Educational Program a professor or other educational institution official has to complete and submit the Form for KOMPAS Educational License at [http://www.ascon.net/edu\\_form.php](http://www.ascon.net/edu_form.php)

For students and beginners ASCON offers a totally free version of its professional MCAD solution — KOMPAS-3D LT. This functionally reduced system is perfectly suited for studying and training the basis of 3D computer aided design and also contains software for 2D Drafting and Design — KOMPAS-Graphic and interactive learning system KOMPAS-ABC.

Whatever your experience level just 12 easy lessons in KOMPAS-ABC will make it easier to start learning 3D CAD. Also all the main updates and novelties from KOMPAS-3D professional are included in the KOMPAS-3D LT and the main difference of this version from Educational License is that free software does not allow 3D assemblies modelling. In the near future ASCON Group will launch its student' 3D Modelling Contest where future specialists will be able to demonstrate all their abilities and fantasy in product models, designed in KOMPAS-3D LT.

To download KOMPAS-3D LT visit <http://www.ascon.net>.

ASCON' educational program in Russia and CIS countries has a long history - more than 15 years of company support for education institutions from school up to universities- and supplies them with wide range of the company's solutions. At the end of last year a flagship product of ASCON, system of three-dimensional solid modelling KOMPAS-3D, was included in standard basic set of software for educational institutions in the course of the priority national project «Education». According to the program more than 300 000 professional licenses of KOMPAS-3D with libraries will be installed in 6 100 education institutions.

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***Lectra Signs New “Privilege” Partnerships With 3 “Fashionable” US Universities and Schools and Announces its New Education Space on [www.lectra.com](http://www.lectra.com)***

19 March 2008

Lectra announced the signature of new “Privilege” education programs with the two most famous New York Fashion Schools Parsons, FIT and with North Carolina State University.

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These partnerships demonstrate Lectra's will to further reinforce the existing links between Lectra and the North American Fashion schools and to support future fashion professionals through its new education program, launched in September 2007: the "Advanced" partnership — including end-of-studies support and sponsoring — and the "Privilege" partnership — a personalized approach and follow-up, based on a very strong joint commitment, which implies: the support of teachers and instructors to train their students, the development of useful professional skills and tailored follow-up, internships and personalized support for student projects, organization of events with the schools, etc.

"We are very proud to count Parsons, FIT and North Carolina State University among our most valued partners, which demonstrate the value of our "Privilege" partner program and the perfect fit between Lectra solutions and the needs of the Fashion market. We are truly excited working with such renowned schools," says Veronique Zoccoletto, Chief Human Capital Officer, Lectra. "These partnerships are a good illustration of the high quality of our education program. It is a perfect opportunity for Lectra to move into the next major stage of promoting and supporting Fashion schools, students and courses/education in the United States".

Present in the United States since 1980, Lectra intends to strengthen its support of the new generation of future stars of American fashion by developing its presence at the heart of North American fashion and design schools and universities.

Lectra strongly supports students and young designers in North America

As part of its strong involvement, Lectra also participated in the 63rd ITAA (International Textile and Apparel Association) annual meeting (November 7-10, 2007, Los Angeles, California) as an exhibitor and sponsor of three awards: the "Lectra Innovation Award for Faculty Research", the "Lectra Innovation Award for Teaching" and the "Lectra Outstanding Faculty Design Award". The company also sponsored the Live Gallery Show. Through these actions, Lectra is proud to contribute in identifying and distinguishing deserving current and future professionals of the North American fashion industry.

## **Parsons The New School for Design**

Based in New York City, Parsons was founded in 1896 and is today one of the top design schools in the US. In 1970, it became associated with The New School.

Lectra has had a very strong presence in the Parsons program for more than 10 years. Parsons The New School for Design is equipped with Lectra U4ia and will begin to migrate to Kaledo, the new Lectra fashion and textile design solution.

"Lectra has been an unusual partner for more than a decade because of their progressive vision of working with education. They have not viewed us as an opportunity for profit. Rather, they have donated software and support with the understanding that we are training future fashion designers. This has helped enable us to develop the finest digital fashion curriculum," said Maura Jurgau, Coordinator Fashion Digital Design / Professor, Parsons the New School for Design.

## **FIT**

FIT is one of the premier institutions for Fashion in the US. Founded in 1944, FIT is a college of art and design, business, and technology and part of New York State University. The School of Graduate Studies offers programs leading to the Master of Arts or Master of Professional Studies degree. Lectra has a very strong presence in terms of products and courses taught. Today, FIT is equipped with Lectra U4ia and Prima solutions for all its courses linked to fashion and textile design, with Modaris and

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Diamino Lectra's benchmark pattern-making and marker-making solutions for their pattern-design, grading and marker-making courses.

"Lectra has been a wonderful educational partner for FIT for more than a decade. We are thrilled that FIT is a part of Lectra's privilege partnership program," said Mario Federici, Chairperson, Production Management, Fashion and Related Industries, FIT. "This partnership will reinforce Lectra's continuing commitment to FIT and the development of outstanding students from our school."

## North Carolina State University (NCSU)

North Carolina State University is the largest university-based textile school in the United States. The school is rated 12th among the nation's colleges and universities in terms of value, according to Kiplinger's Personal Finance and is renowned for its dedicated fashion and textile design courses. It annually awards about half of the country's bachelor's degrees and 75 percent of the country's advanced degrees in textiles. North Carolina State University is equipped with Lectra Kaledo, U4ia, Modaris and Diamino solutions.

"Today, Fashion and Textile Designers and Developers rely on a series of computer design tools and systems to enhance the design process and bring products to the market faster than ever before. These 2D and 3D CAD tools have become an essential part of the professional design process. At NC State we strive to teach the latest design tools and methodologies. This is the reason why we have chosen to sign a privilege partnership with Lectra, which allows our students to benefit from the best technologies and acquire a solid expertise for a successful career." said Trevor Little, Professor, NC State University - College of Textiles.

These 3 partnerships have been highlighted in the new <http://www.lectra.com> education space launched in January, 2008.

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## Events News

### ***Cimatron to Exhibit Concurrent Engineering and Newly Released CAD/CAM Capabilities at WESTEC***

20 March 2008

Visitors to the 2008 WESTEC tradeshow (March 31 – April 3, 2008, Los Angeles, California) will have the opportunity to learn first hand about Cimatron's advanced concurrent engineering capabilities. In addition, new CAD/CAM enhancements recently released by [Cimatron](#) will also be demonstrated at the show.

Cimatron's CAD/CAM solutions address the entire process—from quoting through design, engineering changes, NC, and EDM programming to delivery.

### **Concurrent Engineering**

Cimatron's concurrent engineering capabilities improve productivity and collaboration and significantly compress product delivery times.

Concurrent design capabilities are built into Cimatron's CAD applications, enabling multiple users to simultaneously work on the same assembly and shorten the design cycle. Starting with the new release of CimatronE version 8.5, these concurrent design capabilities are available throughout the entire CAD

product line.

Cimatron's support for concurrent engineering extends beyond the design phase. The integrated end-to-end design-to-manufacturing solution uses a single database that provides complete associatively and enables multiple steps of the design and manufacturing process to be performed in parallel.

These concurrent engineering capabilities and more will be demonstrated at Cimatron's booth #3375 at the WESTEC show.

Also on display at the show will be new capabilities recently released in CimatronE version 8.5. These include modified NC reports, enhancements to the Automated Drill application, spiral cut milling and 3-5 Axis transformations in 5-Axis Production, integrated CADENAS catalogs, and "blank on binder" (for die makers).

## **Numerical Control:**

*Modified NC Setup Reports:* Facilitating information flow between NC programmers and the shop floor, a new mechanism has been added to CimatronE NC that allows automatic generation of NC reports as you post-process a program or as separate action, providing detailed information about a set of selected procedures. This information includes specifics about the project and provider, as well as toolpaths, procedures, tools and parameters and even gives the ability to add images, providing a handy tool for precision. Customizable reports for the shop floor can be modified to include user-specific data.

*Automated Drill:* Milling operations such as pocketing, profiling and threading cycles, are now available in CimatronE Automated Drill application, allowing users to include and reuse milling sequences from libraries, increasing efficiency and accuracy.

*5-Axis Production:* CimatronE version 8.5 features new enhancements to the 5-Axis Production application, including spiral cut milling, 3-5 Axis transformations, and advances in impeller roughing.

## **Integrated CADENAS Catalogs**

CADENAS PARTsolutions is now integrated into CimatronE 8.5, enabling tool makers to shorten design cycles by incorporating ready-made CADENAS catalog parts into Cimatron tool assemblies.

While the catalog functionality has long been available in Cimatron's software, the CADENAS catalogs place thousands of new standard components at the disposal of Cimatron users, eliminating many of the manual and time-consuming steps in the tool design process.

## **"Blank on Binder" for Die Makers**

Creating intermediate binder blanking surfaces and unfolding the part on these faces is one of the most challenging tasks in the die design process. In most cases, accurate results can only be achieved after a laborious and expensive trial and error process.

Based on a finite element analysis, CimatronE's "Blank on Binder" enables the user to perform this task and unfold freeform shapes onto a 3D geometry with unprecedented speed and accuracy.

Visit Cimatron at WESTEC, March 31- April 3, 2008

Los Angeles Convention Center

Booth #3375

See also the latest innovations for Production by visiting the GibbsCAM booth #3268.

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## ***Delcam Highlights “ease of use” in its Software at EASTEC***

21 March 2008

The next releases of Delcam’s CAM software PowerMILL and FeatureCAM will be previewed at EASTEC May 20-22, 2008, on booth 5233. The full releases which are planned for later this year, will offer more complete solutions so manufacturing can get done faster and easier on whatever machine you own. Also previewed at the show will be the forthcoming version of Delcam’s CAD software PowerSHAPE, plus the new customized solutions for the dental and footwear industries.

Commenting on the forthcoming release of PowerMILL, CAM Development Director Steve Hobbs said, "Ever since its first release, PowerMILL has focused on the more complex parts. Many of our customers tend to program the simpler tasks, like sizing the starting block of material, and finishing operations, such as cutting off, on the machine tool control rather than by off-line programming. However, as we have become more established in production machining, a growing number of our customers want to program everything with their CAM system. This has always been possible in PowerMILL but the new options in PowerMILL 9 will make the complete programming process much easier."

FeatureCAM development has always and will continue to focus on maintaining a clear consistent work flow for all types of programming, including turn/mill, 3-axis milling, 5-axis milling and wire EDM, so even a beginner or occasional user can be efficient with FeatureCAM right away. Commenting on latest developments, Tom McCollough, Vice President of FeatureCAM Software Development, explains, "We work very hard to make a product that is easy to use by novices and infrequent users, yet with the all the power needed for advanced part programming. For us, powerful means the ability to control the product to do exactly what the customer needs it to do while utilizing advanced technology to free the user of the burden to specify obvious manufacturing information and techniques. FeatureCAM has long been a leader in CAD/CAM automation. With the addition of new toolpath editing functions and strategies we have extended the range of options that provide precise control for our customers."

The development focus for PowerSHAPE, in the last year has been to recapture the simplicity offered by the software when it was first introduced in 1999. "When we first launched PowerSHAPE, customers were impressed by features like the intelligent cursor which made the software so much easier to use than other surface modelers," commented Delcam’s CAD Development Director, Stuart Watson. "Since then, we have added more and more functionality to the program. While our established users have welcomed this process, it has made the interface more intimidating to potential new customers," he added. "With our new versions, we have re-organized the whole interface to place commands in a more logical structure and so make it easier both for new users to learn and faster for existing users to operate."

During the last 25 years, Delcam has built within the organization a wealth of knowledge and experience across many industries. It can be seen in new products like DentMILL, a standalone machining application for the dental industry, and OrthoModel, an engineering solution for the design and manufacture of orthotic insoles.

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## *GibbsCAM 2008 Previewed at WESTEC 2008*

17 March 2008

Gibbs and Associates announced that GibbsCAM 2008 will be previewed at WESTEC 2008. This release introduces enhanced capabilities across the entire GibbsCAM product family, along with a complete range of 3-axis milling functionality with support for high speed machining. WESTEC is being held at the Los Angeles Convention Center in Los Angeles, California on March 31<sup>st</sup> – April 3<sup>rd</sup>, 2008.

“We continue to expand on GibbsCAM’s world class production machining capabilities,” states Bill Gibbs, founder and president of Gibbs and Associates. “With this release a majority of enhancements have been made to system core, so all GibbsCAM modules benefit from them. This ensures that all customers will receive considerable value with this release. In addition, there are new 3-axis surface machining capabilities that provide more control and flexibility in toolpath generation with integral high speed machining support. The new functionality is keeping with GibbsCAM’s tradition of uniquely blending ease-of-use and powerful functionality, a combination that can’t be beaten in production machining.”

Some of the more significant enhancements in the upcoming GibbsCAM 2008 release are:

Virtually unlimited undo/rollback capability

Multiple viewport display capability

Toolpath tool traversal visualization

Hidden line toolpath display

Pre-select highlighting

Expanded display color management

Advanced 3D, high-speed machining for SolidSurfacer<sup>®</sup>

Support for 3D Material Only

Support for more advanced tool shapes (tapered tools)

New types of finishing processes (e.g. Surface Step-over Cut and Steep/Shallow Combination)

Improved toolpath quality

Options to provide toolpath that better supports High Speed Machining

Improved use of boundaries

Enhanced entry/exit control

Ability to directly machine Faceted bodies, including imported STL files

Automatic Core/Cavity detection for inside out or outside in determination

Operation splitting for tool wear and for optimal length out of holder

Multi-threaded for multi-CPU machines and to support batch toolpath generation

Automatic filleting of a surface to avoid sharp concave corners

For more information about GibbsCAM, GibbsCAM’s production machining capabilities or to see the

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capabilities being introduced with GibbsCAM 2008, go to the GibbsCAM booth, #3268. Information about GibbsCAM is also available at <http://www.GibbsCAM.com>. For information about CimatronE, Cimatron's solution for tooling manufacturing, please visit the Cimatron booth at WESTEC, #2971, or go to <http://www.Cimatron.com>.

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## ***IBS Showcases CompliantPro Quality Management Software at INTERPHEX 2008***

18 March 2008

[IBS](#) announced that it will showcase its CompliantPro quality management software for medical device manufacturers at INTERPHEX 2008. The conference, which will take place in Philadelphia, PA from March 26-28, draws life science manufacturers from around the world.

At the conference, IBS will exhibit CompliantPro's purpose-built capabilities for medical device manufacturers. The software boasts integrated features for performing corrective and preventative actions, assessments, risk analysis, APQP, and customer complaint management. Users eliminate nonconformances, and drive advanced product quality planning throughout the entire product life cycle. A secure document repository enables users to store and distribute all important documentation, including DMRs and DHRs. This functionality helps device makers comply with multiple regulations and standards, including ISO 13485, ISO 14971, and FDA 21 CFR Parts 11 & 820. Since CompliantPro is a browser-based product, it is easy to implement and use across multiple business locations.

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## ***IEC Announces 2008 DesignCon Paper Award Winners***

19 March 2008

The International Engineering Consortium honored the best authors in the electronic design community with the 2008 DesignCon Paper Award.

The DesignCon Paper Awards serve to acknowledge the winning authors as leading practitioners in semiconductor and electronic design. The Awards also provide incentive to authors to produce high-quality DesignCon papers and present them at the event.

This year's winning papers were presented as part of the 2008 DesignCon educational program, which consisted of more than 120 sessions taking place over four days at the Santa Clara Convention Center last month.

2008 Paper Award Winners include the following authors and papers in their respective categories:

### **Chip-Level Design Category**

- Gary McCormack, Eric Sweetman and Ian Kyles, "Design and Application of Embedded Waveform Viewing Technology for Integrated Circuits"
- Vishram S. Pandit, Woong Hwan Ryu, Kirupa Pushparaj, Sankalp Ramanujam and Farag Fattouh, "Simulation and Characterization of GHz On-Chip Power Delivery Network (PDN)"

### **Functional and Performance Verification Category**

- Adnan Hamid, "Hope Is Not a (Verification) Strategy – Coverage Model Driven Functional Scenario

Generation”

## **Board and System Design Category**

- Chad Morgan, “Solutions for Causal Modeling and A Technique for Measuring Causal, Broadband Dielectric Properties”
- Ralf Schmitt, Joong-Ho Kim, Woopoung Kim, Dan Oh, June Feng, Chuck Yuan, Lei Luo and John Wilson, “Analyzing the Impact of Simultaneous Switching Noise on System Margin in Gigabit Single-Ended Memory Systems”

## **Interconnect Design Category**

- Dan Oh, Woopoung Kim, Joong-Ho Kim, John Wilson, Ralf Schmitt, Chuck Yuan, Lei Luo, Jade Kizer, John Eble and Fred Ware, “Study of Signal and Power Integrity Challenges in High-Speed Memory I/O Designs Using Single-Ended Signaling Schemes”
- Fangyi Rao, Chad Morgan, Sanjeev Gupta and Vuk Borich, “The Need for Impulse Response Models and an Accurate Method for Impulse Generation from Band-Limited S-Parameters”

## **High-Speed and RF Design Category**

- Dong G. Kam, Troy J. Beukema, Young H. Kwark, Lei Shan, Xiaoxiong Gu, Petar K. Pepeljugoski and Mark B. Ritter, “Multi-Level Signaling in High-Density, High-Speed Electrical Links”
- Jim Nadolny, Julian Ferry and Cesar Arroyo, “Mode Conversion and EMI Performance of Shielded Cable Assemblies for 10 Gbps Data Transmission”

## **Test and Measurement Category**

- Heidi Barnes, Jose Moreira, Michael Comai, Abraham Islas, Francisco Tamayo-Broes, Mike Resso, Antonio Ciccomancini, Orlando Bell and Ming Tsai, “Performance at the DUT: Techniques for Evaluating the Performance of an ATE System at the Device Under Test Socket”

Next year’s DesignCon takes place at the same venue, the Santa Clara Convention Center in Santa Clara, CA, from February 2-5 with Mr. James Lin, vice president of the technology infrastructure group at National Semiconductor Corporation as the 2009 conference chair.

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## ***INDUSTRIE PARIS 2008: CAD Schroer Introduces the Ultimate in 2D/3D Interaction for Rapid Installation Design***

19 March 2008

In addition to showcasing its MEDUSA4® and STHENO/PRO® product lines, CAD Schroer Group (CSG), the global engineering solutions provider, will be introducing its latest development, MPDS4 FACTORY LAYOUT™ at the INDUSTRIE PARIS 2008. MPDS4 was developed specifically for the easy design and layout of large process plants and installations for manufacturers and plant designers.

One of the major benefits of MPDS4 FACTORY LAYOUT is its collaboration with other 3D systems. The software allows users to import and combine 3D models from customers or suppliers with existing catalogue data in a single design environment. Engineers can create installation or factory designs from 2D layouts, automatically generating a 3D world, with bi-directional auto-update. The system offers huge time-savings over a traditional 3D approach, making it the ideal tool for pre-sales tender and

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conceptual design, all the way through to build order and installation maintenance.

Visit CAD Schroer from 31 March to 4 April in Hall 5 Stand H 040

CSG's technical engineering team will be on hand at the INDUSTRIE PARIS to show visitors how MPDS4 FACTORY LAYOUT can increase their company's competitiveness, and is looking forward to engaging in personal discussions around specific needs and wishes.

[Visit the INDUSTRIE PARIS 2008 Website](#)

[Click here to request your FREE ticket](#)

Datasheet:

[http://download.cad-schroer.com/datasheet/MPDS4\\_FactoryLayout\\_en.pdf](http://download.cad-schroer.com/datasheet/MPDS4_FactoryLayout_en.pdf)

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## ***Integware Signs Gold Sponsorship Agreement with ENOVIA America's Customer Conference 2008***

5 March 2008

[Integware, Inc.](#) has signed a Sponsorship agreement with Dassault Systeme's ENOVIA brand to be the Life Sciences Track Sponsor at EACC 2008. The show will be held in Orlando, Florida May 6-9. The conference features users of the ENOVIA product line and industry experts within Life Sciences, Consumer Packaged Goods, High Tech, Aerospace and other industries.

Integware was the Life Sciences track sponsor at the 2007 conference as well. "The Life Sciences industry is still an emerging market when it comes to PLM, we understand the needs of Life Sciences companies to innovate while maintaining regulatory compliance and look forward to sharing this knowledge at this year's conference", stated Mark Williams, VP Of Sales and Marketing for Integware.

EACC 2008 offers networking, educational and strategic business planning opportunities for customers and partners. It will provide a showcase for the DS ENOVIA family of PLM collaboration solutions, including ENOVIA MatrixOne, ENOVIA VPLM and ENOVIA SmarTeam.

The ENOVIA Americas Customer Conference 2008 will build on the Product Lifecycle Management MatrixOne Global Customer Conference held for 8 years prior to MatrixOne joining Dassault Systemes ENOVIA Corp.

To view more information regarding this event please visit: <http://www.3ds.com>.

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## ***Mentor Graphics Announces Expanded Transportation Electrical Solutions Forums for 2008 Including First Military and Aerospace Events***

20 March 2008

Mentor Graphics Corporation announced its 2008 Integrated Electrical Solutions Forum (IESF) program. IESF is a full one day event that, now in its seventh year, that is a forum for electrical and electronic systems design, modeling, simulation and analysis within the automotive industry. This event series has now been expanded in 2008 to include additional military and aerospace events and new forums in Brazil, Japan and Korea.

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The first IESF Military and Aerospace event will take place on May 1st in Orlando, Florida. Registration is now open for this event at <http://www.mentor.com/go/iesf>. The keynote speaker will be Walden C. Rhines, Mentor Graphics CEO and Chairman. Guest speakers include representatives from Bell Helicopter, Alliant Techsystems Inc., Patmos Engineering Services Inc., and IBM. One of the technical breakout tracks is focused on electrical design and simulation, covering subjects such as IP capture, analysis-driven design and design data integration. Additional tracks are focused on DO-254 safety critical systems and PCB design for military and aerospace applications.

IESF events comprise industry presentations, including guest keynote speakers, breakout tracks focused on specific technical topics, industry panel discussions, a solutions exposition, software demonstrations, and networking time that offers managers and engineers the opportunity to discuss issues, examine solutions, and engage with peers.

Mentor Graphics also announced a 'call for papers' for the IESF Automotive and Off-Highway event to be held in Detroit on December 9th, 2008. More information on the 'call for papers' and the full schedule of dates and locations of other IESF events is available at <http://www.mentor.com/go/iesf>.

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## ***Sequence Design's Dr. Rob Mathews Joins High-Powered ISQED Statistical Design Panel Tuesday, March 19***

March 14, 2008

WHO: Dr. Rob Mathews, Sequence Design VP of Extraction Products.

WHAT: ISQED Panel: "Statistical Design – Solutions Searching for Problems?" Other panelists represent Cadence, Extreme DA, Solido, Synopsys, TSMC, Xoomsys, and the moderator is Mike Santarini.

WHEN: Wednesday, March 19, Noon

WHERE: Donner Room, ISQED 2008, Doubletree Hotel, San Jose, Calif.

WHY: The panel will discuss statistical design as the salvation for design variability issues in sub-130nm designs. Although progress has been made, it has yet to be widely used. It is needed at the front-end of the process, but the information to support it is hard to get. Panelists will debate the viability of this approach and offer practical methods to employ statistical design effectively today.

BACKGROUND: Dr. Mathews advocates using Statistically Accurate Corners as an alternative to Statistical Static Timing Analysis (SSTA) in a recent article published by SOCcentral:

<http://www.soccentral.com/results.asp?entryID=24630>.

Sequence Design accelerates the ability of SoC designers to bring high-performance, power-aware ICs quickly to market. Sequence Design-For-Power solutions give customers the competitive advantage necessary to excel in aggressive technology markets. For more information: [www.sequencedesign.com](http://www.sequencedesign.com).

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## ***Siemens PLM Software AT Hannover Fair 2008: Productive and Flexible***

18 March 2008

Siemens PLM Software announced it will demonstrate its PLM portfolio, complemented by industry-

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specific solutions and special offers for small- and medium-sized businesses, at Hannover Fair 2008 in Hannover, Germany. The solutions will be presented at the Siemens PLM Software booth within the Digital Factory (Hall 17, B40) as well as the Siemens booth A72 in Hall 9 within an automotive showcase for the “intelligent factory.”

## Product Development and Manufacturing in the context of PLM

NXTM is a next-generation digital product development system. It provides a broad suite of integrated, fully associative CAD/CAM/CAE applications that touch the full range of development processes in product design, manufacturing and simulation.

The Tecnomatix™ digital manufacturing software portfolio enables planning, simulation and realization of processes from manufacturing engineering to the shop floor.

Teamcenter establishes a digital product data management backbone for development and planning processes, flanked by relevant modules for product development such as portfolio-, content-, project- and compliance management. Furthermore, it offers solutions for digital mockup, company-wide 3D visualization, multi-CAD data management and the integration of other business-critical applications.

## Solutions for Small and Medium Businesses

The Velocity Series™ is a comprehensive family of modular, yet integrated solutions addressing the needs of SMBs. It helps mid-sized companies develop and deploy a PLM strategy that mirrors best practices from world-class manufacturing processes at a low total cost of ownership. Products include Solid Edge® for 2D/3D CAD, Teamcenter Express for cPDM, Femap® for CAE and CAM Express for NC programming.

## Siemens PLM Software and Partners

Alongside its own products, Siemens PLM Software presents supplementary solutions from a variety of its business partners including Drissler + Plassmann, ISAP, Solid System Team, PBU, Procim, Unitec, A+B Solutions, alphacam, ASCAD, BCT, Janus, Conmatix, Perspectix and Fujitsu Siemens.

## Note to the press:

Siemens PLM Software will host a press conference at Heidelberg Hall on April 22, 2008 at 9 a.m. CET. Topics will include Siemens and Siemens PLM Software as well as an update on the work being done around the development of solutions that unify the product and production lifecycles, introduced as project “Archimedes” at Siemens PLM Software’s annual Industry Analyst Event in June 2007. In addition, Siemens PLM Software will highlight news for digital product development that it will formally announce via a global Webcast later that day at 4 p.m. CET.

To request interviews with Siemens PLM Software on any of these topics, please contact Maria Dröghoff at [mariad@lewispr.com](mailto:mariad@lewispr.com), +49 (0) 89-173019-28 or Linda Holz at [lindah@lewispr.com](mailto:lindah@lewispr.com), +49 (0) 89-173019-38).

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## **TopSolid'Mold 2008 at MoldMaking Fair**

19 March 2008

Missler Software has just recently launched the 2008 version of its TopSolid CAD/CAM software range. Many new time-saving functions have been added to TopSolid'Mold 2008 which you can discover on

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the MoldMaking fair, booth 310.

TopSolid'Mold is a dedicated mold design software offering complete CAM integration with TopSolid'Cam. (Including the standard design elements and machining processes involved in the mold making industry.) TopSolid'Mold enables calculation of the shrinkage factor, analysis of undercuts, calculation of the parting line and surface of the joint, automatic creation and definition of the core block and cavity, implementation of the standard carcass, systems of injection and ejection and analysis of the cooling system.

Here are some of the main improvements in the 2008 version:

\*Parting line creation assistance:

- Supervise separation of parting lines

- Split in 2 shells

- Visualisation of critical zones during the parting line separation

\*Improved components:

- TopSolid'Mold 2008 offers the possibility to manage components by grouping them in a « favourites » or bookmark document which enables a quicker insertion of TopSolid'Design components

- Availability of new components - such as the Polimold and Totalmatrix libraries

- Update existing libraries such as Meusburger, DME and Rabourdin

- Components server - Standard components which are driven by numerical control can now be inserted by a server. TopSolid'Mold 2008 can now manage all identical TopSolid'Design components in such a way that file size and time are reduced to a minimum. Thanks to the components server the geometry is calculated only once which permits important gains on several levels:

  - Quicker assembly updates

  - Reduce memory consumption

  - Smaller file sizes thanks to better mold component management

\*Improved management of mold data:

- Availability of the associative rough

- Generation of dedicated sub-assemblies : machined elements, bolts and screws, ejector pins, ... to manager and exploit more quickly 3D mold data

- Easy use of industry BOMs using these functions

\*Management of mold design with several versions: This important improvement consists of several new functions which can quickly and efficiently manage different versions of a mold design This enables more than 1 designer to work on a version which is later integrated in the final mold design.

\*Rheological analysis and technological integration with Moldflow - Once your plastic part has been designed in TopSolid'Mold 2008 you can transfer the 3D date to Moldflow Plastics Advisers (MPA). The great advantage of plastic simulation software during the early stages of your plastic mold design is the possibility to quickly detect the manufacturing feasibility of your mold.

\*TopSolid'Mold 2008 includes a direct link to Ansys to carry out the structural analysis necessary to

validate the part.

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## Financial News

### *Delcam Sets New Sales Record in 2007*

19 March 2008

CADCAM developer Delcam achieved record sales again in 2007, continuing the strong increase in turnover that has been seen in recent years. Group sales for the year to 31 December 2007 rose by 11% to £29.7 million from £26.7 million in 2006. These record results were driven by good growth in software licence and maintenance sales in the core Power Solution range of software and by additional revenue from the company's newer software ranges, FeatureCAM, which was acquired in July 2005, PartMaker, which was acquired in July 2006, and Crispin, which was acquired in December 2006.

Profitability suffered as result of the weak dollar. With more than half of Delcam's global sales undertaken in the US\$, this weakness impacted profit by more than £0.5m. Profit before tax was £2.15 million compared with £2.79 million achieved in 2006.

Commenting on the results, Peter Miles, Chairman, said, "I am pleased to report that the business has performed robustly. Our record sales are especially creditable given the background of US dollar weakness, which adversely affected sales and profitability. Our results demonstrate the high quality of our software offering and the diversified spread of our business across the many industries in which we operate."

"We have had an encouraging start to the current year but we will not be immune to any global downturn in economic activity," added Mr. Miles. "However, by offering our wide range of products and services across a number of industries, we are in a position to capitalise on the variety of opportunities available to us. We continue to view prospects for the business over the long term very positively."

Mr. Miles also highlighted the expected benefits of the closer relationship with leading metrology supplier Renishaw, following its £6.1 million investment in April. "Since then, we have been working together on new initiatives, including the development of software to support Renishaw's new inspection probes and for applications in the medical industries," he reported.

A copy of the full statement follows:

### **STATEMENT BY THE CHAIRMAN, PETER MILES**

#### **Introduction**

In my first Annual Report as Chairman, I am pleased to report that the business has performed robustly. Results for the financial year to 31 December 2007 show that sales reached record levels. This growth has been achieved partly as a result of the addition during 2006 of the PartMaker and Crispin families of software to the Delcam range and partly through increased organic growth of existing Delcam products.

With more than half of Delcam's global sales undertaken in the US\$, results are especially creditable given the background of US dollar weakness, which adversely affected sales and profitability. The impact of the weak dollar reduced Group profit by in excess of £0.5 million. The robustness of our results demonstrates the high quality of our software offering and the diversified spread of our business

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across the many industries in which we operate.

## **Financial Highlights**

The Group has adopted International Financial Reporting Standards (IFRS) for the year ended 31 December 2007 and, accordingly, comparative figures in respect of the period ended 31 December 2006 have been restated. Although IFRIC 14 has not yet been endorsed by the EU, the Group has also adopted the prudent accounting practices of IFRIC 14 early and not recognised the IAS 19 pension surplus of £1.7 million for the year ended 31 December 2007.

Group sales for the year to 31 December 2007 rose by 11% to £29.7 million from £26.7million in 2006. As previously stated, the weak dollar significantly impacted profitability and profit before tax was £2.15 million compared with £2.79 million in 2006. Following the issue of new shares as a result of the investment by Renishaw plc detailed below, basic earnings per share fell to 24.6p from 38.2p last year. Maintenance revenues increased by 10% to £8.1 million and now represent 27% of Group revenues. Our maintenance revenues represent high quality, recurring earnings and provide us with good earnings visibility looking forward.

The Group remains highly cash generative with net cash inflow from operating activities in the year of £2.4 million (2006: £2.4 million). After £1.7 million spent on capital expenditure, the Group's net cash was £5.3 million (2006: £(0.7) million). We remain committed to investing in ongoing research and development which ensures that our software offerings remain market-leading within our chosen sectors. As our product range has grown so has our R&D investment. Over the year, R&D investment totalled £7.8 million (2006: £7.3 million) and we released improved versions of all of our main software products during the period. The value that our customers place in these enhancements is reflected in the record levels of income from maintenance contracts.

The Group's strong balance sheet gives the Group the flexibility, particularly in the current economic climate, to pursue opportunities which may arise to acquire complementary businesses or products.

## **Dividend**

The Board is pleased to propose an increase of the final dividend to 4.0p per ordinary share (2006: 3.8p). This makes a total for the year of 5.25p per share (2006: 5.0p), an increase of 5% on last year. The final dividend will be paid on 16 May 2008 to shareholders on the Register as at 4 April 2008 (the ex-dividend date being 2 April 2008).

## **Renishaw plc Placing**

At an EGM held on 23 April 2007, Delcam shareholders voted to accept an investment of £6.1m from leading UK metrology company, Renishaw plc. This investment was effected through a placing of 1,524,052 new Delcam Ordinary Shares with Renishaw at £4.00 per share. Following the placing, we were pleased to appoint Renishaw director, Geoff McFarland, as a non-executive director of Delcam.

Renishaw and Delcam have worked together for many years and share common metrology interests and customers. Since April, we have been working together on new software initiatives, including the development of software to support Renishaw's new inspection probes. We are also jointly looking at software applications for the dental and medical industries.

## **Review**

The Group made good progress over the year. We continue to grow the sales of our core CAD/CAM products and to expand the international distribution of the additional software ranges acquired during

2005 and 2006.

The most impressive growth has been among our European subsidiaries in France, Germany and Italy, where sales across the three countries improved by over £1 million. In North America, the management changes we implemented towards the end of 2006 have resulted in increased sales but this was overshadowed by the impact of the dollar weakness. Other areas where we did well included the emerging economies of China, India, Russia and South America.

The addition of the Crispin range for footwear design and manufacture to our existing software has reinforced our position as the world's leading supplier of software to the industry. We are further broadening our offering in this area with the addition of software for orthotic and orthopaedic applications. The acquisition of PartMaker has given us strength in the supply of systems for the programming of Swiss-type lathes and mill-turn machines and its addition now allows us to offer the widest range of industry-leading CAM software from any supplier.

2007 also saw continued growth in our Professional Services Group to meet the increasing demand for its consultancy expertise, especially from aerospace engine manufacturers and from companies that machine aerostructures. In order to promote further growth in our Professional Services activity and in particular to develop opportunities in mainland Europe, we have begun similar operations in France and the Netherlands. The Professional Services Group has worked closely with our Tooling Services Division on projects where it has developed processes that have been used for initial production in our in-house manufacturing facility. To support a number of these projects, we have invested in a new mill-turn machine. This additional capacity is already committed for the majority of 2008.

We continue to ensure that our software products remain industry-leading through significant investment in research and development and believe this policy will ensure higher sales over the longer term.

## Outlook

We have had an encouraging start to the current year but we will not be immune to any global downturn in economic activity. However, by offering our wide range of products and services across a number of industries, we are in a position to capitalise on the variety of opportunities available to us. We continue to view prospects for the business over the long term very positively.

I would like to thank all our staff worldwide for their loyalty, hard work and dedication during the year.

Peter Miles

Chairman

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## Implementation Investments

### ***Agilent Technologies' Advanced Design System EDA Software Selected by Finisar to Support Development of Telecom Optics Products***

19 March 2008

Agilent Technologies Inc. announced that [Finisar](#), a global leader in fiber optic solutions for high-speed networks, has selected Agilent's Advanced Design System (ADS) software to support the development of their optics products designed for the telecom market. Agilent's ADS software platform includes the Signal Integrity Design Suite and the Ptolemy system simulator.

# CIMdata PLM Industry Summary

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“As the technology leader in optical communication networks, we believe it is fundamental to have best-in-class software when creating leading-edge products for our customers,” said Kevin McCallion, director of engineering at Finisar. “We purposely chose Agilent’s EDA software because of its impressive simulation technology and flexible design environment.”

“We are excited that Finisar has selected our ADS software platform for the design of their high-performance telecom optics products,” said Sanjeev Gupta, product marketing manager, Agilent’s EESof EDA division. “The signal integrity design and simulation capabilities within ADS provide a critical toolset that, we believe, will be a huge help in getting our customers’ products to market more quickly.”

Agilent’s ADS is a high-frequency, high-speed electronic design automation software platform. Recent releases of the software include new signal integrity capabilities, such as the addition of serializer/deserializer(SERDES)/Verilog analog mixed-signal co-simulation, for a more complete signal integrity design flow for serial links.

Agilent’s Ptolemy Simulator is a system-level simulator based on a hybrid of synchronous and timed synchronous dataflow technologies. It simplifies the design and simulation of digital (DSP), analog, and mixed-signal based RF systems and circuits, including wireless and wireline receivers, transmitters, modems, cellular phones, and radar.

Finisar develops, manufactures and markets an innovative suite of fiber optic components and subsystems utilizing their patented Chirp Managed Directly Modulated Lasers to enable telecommunications equipment manufacturers to provide longer reach optical transmitter solutions at lower cost, better performance and less complexity than those based on externally modulated lasers.

For more information about Agilent’s Advanced Design System, visit <http://www.agilent.com/find/eesof-ads>.

For more information about Agilent solutions for signal integrity design, visit <http://www.agilent.com/find/signal-integrity>.

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## ***APEM Purchases Moldflow Plastics Advisers Software***

19 March 2008

[Moldflow](#) Corporation announced that [APEM](#), one of the world’s largest manufacturers of switches, switch panels and joysticks, has recently invested in Moldflow Plastics Advisers® (MPA®) simulation software. MPA is injection molding simulation software that will allow APEM to optimize every plastic part and injection mold they design, thereby maintaining their strong reputation for quality.

Moldflow Plastics Advisers can be used in the earliest stages of part and mold design to predict and avoid potential manufacturing problems resulting in time and cost savings while ensuring optimized quality. By using MPA, APEM will be able to test different design iterations and anticipate defects such as molded part warpage and correct any design flaws before the physical prototyping phase.

Mr. Jean-Luc Gachon, APEM’s Computer Aided Design Manager comments, “We first used Moldflow Plastics Advisers on parts that were problematic but we quickly realized that the results were so reliable that using the software as early as possible would save time on every project.” He continued, “MPA has been easily integrated within our research department where parts and moulds are conceived and it allows us to resolve our two main problems – determining injection locations and processing settings -

# CIMdata PLM Industry Summary

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while taking into account the constraints of the mould to be able to better approach and solve the problems of part warpage.”

Jocelyne Marinaro, Moldflow’s Western European Regional Sales Director explains, “APEM’s purchase and implementation of MPA confirms what we see as a continuing trend in the use of simulation – the transition from using simulation as “after-the-fact” troubleshooting tools on only the most difficult parts to using simulation to optimize every part and mold design.” She continued, “In purchasing MPA, APEM strengthens its image of being an innovative company that adds value to every part they produce while striving to achieve continuous quality improvement. Today, every new APEM project containing a plastic part is submitted for a Moldflow study to decrease development time, scrap rates, cycle time and molded part defects.”

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## ***Applied Micro Circuits Corporation, Vietnam National University of Ho Chi Minh City, and Mentor Graphics Collaborate to Support Electronic Design Education***

18 March 2008

[Mentor Graphics Corporation](#) signed a three-way agreement with Applied Micro Circuits Corporation (AMCC) and Vietnam National University of Ho Chi Minh City (VNU-HCM) to collaborate on the development and delivery of educational courses for two new electronic design laboratories. Under the auspices of the Mentor’s Higher Education Program (HEP), Mentor will donate more than \$20M worth of electronic design automation (EDA) software and support to enable students of VNU-HCM to graduate with in-depth knowledge of the latest application specific integrated circuit (ASIC) design and verification and printed circuit board (PCB) design and analysis.

“Our collaboration with Mentor Graphics and AMCC will help us expand our academic programs and facilities to maximize students’ potential and prepare them fully for the needs of a global economy in the 21st century,” said Prof. Dr. Nguyen Duc Nghia, Vice President of Vietnam National University of Ho Chi Minh City. “With the donation of state-of-the-art hardware and software from these two companies, along with support and training, VNU-HCM will develop leading-edge courses that will help prepare our graduates contribute academically and practically to the development of Vietnam and the electronics industry in the region.”

“AMCC’s collaboration with Mentor Graphics, the Vietnam National University of Ho Chi Minh and University of Technology of Ho Chi Minh has been an important factor for our decision to install our new design center in Vietnam,” said Vu Nguyen, President of AMCC Vietnam and Vice President of Engineering for AMCC. “Vietnam attracted us with its commitment to building a skilled and educated workforce from which companies like ours can recruit and cultivate world-class engineers. Having new engineers exposed to our technology, products, know-how, as well as having a close relationship with Universities, strengthens our integration and involvement into Vietnam’s growth.”

"Investment in the electronics industries of emerging regions depends on the abundance of highly talented engineers skilled in the latest and most relevant electronic design methodologies," said Ian Burgess, development manager for Mentor’s Higher Education Program. "Through this collaboration with AMCC, one of our major customers, and Vietnam National University, one of the leading educational institutions in the region, we are able to ensure that Vietnam produces graduates proficient in these state-of-the-art methodologies ready to contribute to the growing electronics market."

Mentor Graphics' Higher Education Program provides design tools and support to universities and

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colleges for classroom instruction and academic research to ensure that engineering graduates enter into the industry proficient in state-of-the-art tools and methodologies. Established in 1985, the Higher Education Program develops long term relationships with engineering colleges and universities around the world, and currently has more than 1,100 member colleges in 49 countries.

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## ***Arena Solutions Reports Record Year with 41 Percent Growth in New Bookings***

20 March 2008

Arena Solutions reported a jump in new bookings of 30 percent for the fourth quarter and 41 percent for the fiscal year ended December 31, 2007. Significantly, the average purchase in 2007 was more than 75 percent larger than the average purchase the year prior, reflecting customers' enthusiasm and the growing importance of connecting their extended enterprises to Arena PLM.

In 2007, companies from the medical, automotive, electronics, and consumer products industries, including many of the small- to medium-sized manufacturers, continued choosing to adopt Arena PLM.

Among those that joined are:

Novare Surgical Systems, which develops, manufactures and markets devices for tissue manipulation during cardiovascular, thoracic and peripheral vascular surgery. Novare Surgical has developed RealHand instruments, an entirely new category of high dexterity instruments for minimally invasive surgery, which are the very first full range-of-motion hand-held laparoscopic instruments.

MathStar, a fabless semiconductor company that designs, manufactures and markets a new class of programmable logic chips that offer up to four times the performance of what is currently on the market today.

VUDU Inc., creators of the VUDU box and service that give consumers instant access to thousands of standard and high definition movies directly through their TV, without requiring them to invest in cable TV service, a satellite subscription, a PC, or any software downloads.

In 2007, Arena Solutions continued to get customers up and running quickly, with the average customer deployment taking just nine weeks. Yakima, a world leader in the design and manufacture of destination hardware and gear management solutions, implemented Arena PLM in nine weeks. NDS Surgical Imaging, the global leader in surgical and medical visualization equipment, implemented and validated Arena PLM with a full automated integration to its ERP system in just 12 weeks.

“We are very pleased with Arena PLM. Once we began using it on a daily basis we found our ramp-up time to be much faster than expected. In fact, within just a few days of going live, all of our regular, and most of our occasional, users were logging in, conducting their business, and moving on to other tasks, using Arena PLM as if they had been using it for months instead of days,” said Ron Hansen, chief technology officer and vice president of engineering at NDS Surgical Imaging, LLC.

Other significant highlights of 2007:

Arena Solutions surpassed its 99.5% guaranteed service level agreement for Arena PLM for the seventh consecutive quarter, maintaining 99.99% availability in the fourth quarter of 2007.

[Arena Solutions](#) delivered two new major software releases, its 48th and 49th software releases in seven years. Fall '07 incorporated customer-inspired enhancements and usability improvements across all core

functional areas, including change management, compliance, outsourcing and supplier management, project collaboration and more. Winter '07 introduced new project collaboration functionality that gives customers a high level of visibility into their product-related projects. As always, the on-demand delivery model enabled Arena PLM customers to take advantage of those enhancements the day they were rolled out and allowed them to continue focusing on their own innovation, rather than on upgrade installations, expensive and risky migration projects, customizations, or IT infrastructure.

“Arena had another exceptional year of strong, positive growth in 2007. As significant changes occurred in the competitive environment, Arena Solutions maintained its status as the only true on-demand PLM player serving the small- to mid-sized manufacturing market,” said Craig Livingston, chief executive officer of Arena Solutions. “Having recently taken over leadership of the company, I am enthusiastic about building upon the company’s long list of successes and see a great deal of positive growth in store for Arena in 2008, as we take advantage of changes in the market, develop deeper integrations between Arena PLM and other software, and continue to serve our customers by adding new functionality to the award-winning Arena PLM software.”

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## ***Babcock Selects AVEVA Marine solutions for UK CVF Carrier Project***

17 March 2008

AVEVA is proud to announce that Babcock Marine has selected the AVEVA Marine solutions for use during the build of the two new aircraft carriers for the UK's Royal Navy: HMS Queen Elizabeth and HMS Prince of Wales.

Babcock Marine has selected AVEVA Marine for use on the carrier project because of the proven track record of AVEVA technology on global projects both Naval and Commercial. Babcock Marine will execute their portion of the carrier project as part of a distributed engineering workforce across three locations.

Mike Pettigrew MD Babcock Design and Technology said:

"The CVF (Carrier Vessel Future) project presents UK industry with huge challenges in the delivery, detailed engineering and manufacture of the two largest ships ever to sail in the Royal Navy. Babcock has chosen to deploy AVEVA technology as this is the best fit for our overall business requirements with ready access to trained individuals, a significant network of potential sub-contractors and a proven ability to execute multi-site multi partner projects."

Martin Yeomans, Executive Vice President, AVEVA Western Europe, Middle East and Africa said: "We are extremely pleased with Babcock Marine's selection of AVEVA. Over recent months our team of engineers has been working with Babcock on an initial implementation of the AVEVA Marine solution into the Rosyth site where, once again, AVEVA's ability to support multi-site multi-partner working is the key to the success of our clients' projects."

### **About Babcock Marine**

The new Babcock Marine Division is a business with annual revenue of almost £700m and over 7,000 permanent employees. Babcock Marine is a single integrated naval engineering and support business comprising its operations at Rosyth, Devonport and the Clyde.

### **About AVEVA Group plc**

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AVEVA Group plc is one of the world's foremost and fastest-growing lifecycle engineering IT solutions and services providers to the oil and gas, paper and pulp, power, chemical, pharmaceutical and shipbuilding industries. Listed on the London Stock Exchange (LSE:AVV), the Group reported pre-tax profits for the year ended March 2007 of GBP 24.7 million on revenues of GBP 94.9 million. The Group has grown consistently since 1967 on the strength of pioneering engineering technology that protects the information assets of its customers from the volatile nature of the IT industry.

The Group's history of innovation spans five decades and has produced most of today's major engineering IT technologies. Serving over 1600 clients, AVEVA has a dominant position in many market sectors both on and offshore. In May 2004, the Group acquired Tribon Solutions AB, the market-leading shipbuilding solution company and now serves 85% of the world's top 20 shipbuilders.

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## ***BioWorld Merchandising Selects NGC's PLM and Global Sourcing Software to Manage Fast-Growing Licensing Business***

18 March 2008

[NGC](#)® (New Generation Computing®) announced that BioWorld Merchandising, a manufacturer of licensed and private-label headwear and accessories, has selected NGC's e-PLM and e-SPS™ software for Product Lifecycle Management and Global Sourcing.

Together, e-PLM and e-SPS will provide a solution to help BioWorld manage product design and sourcing for hundreds of licensed brands in music, entertainment and beverages, as well as its own private-label business. "For each of our licensed styles, we must manage two processes in parallel - our own product development, as well as providing designs and samples to our licensees for approvals or revisions," said Raj Malik, president, BioWorld.

"When you apply this process to hundreds of licensees - each with its own design requirements and multiple SKUs - plus our own private label brands, it's a very complex business model," he continued. "Time is of the essence. We built our business on being able to quickly turn licensed products from China, usually within 60 days. Our customers have become accustomed to this fast turnaround and now expect it."

[BioWorld](#) sought a new solution to replace its manual processes, improve speed to market, and provide real-time visibility throughout the product lifecycle, from design to approvals, sourcing and delivery. BioWorld selected e-PLM and e-SPS as its enterprise platform for PLM and global sourcing after evaluating solutions from other leading software vendors. "When we saw the capabilities of e-PLM and e-SPS, we felt that NGC had a solution that could help us greatly improve our operational efficiencies and deliver the highest level of service to our clients," said Omar Cantu, executive vice president, BioWorld.

Key benefits of NGC's solution for BioWorld include:

- Centralized information to reduce errors. e-PLM and e-SPS eliminate the need for BioWorld to enter information into several different systems to track product development, sourcing and client approvals. As a result, NGC software will enable BioWorld to minimize errors, avoid duplication, and shorten its product lifecycle.
- Improved communications throughout the supply chain. NGC's software is web-based, allowing BioWorld and its suppliers to access a "single version of the truth" that contains all relevant information

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and communications for each style. "Everyone will be on the same page at the same time, which will greatly improve our communications and accuracy," said Cantu.

- Integration with existing systems. e-PLM and e-SPS will integrate with BioWorld's existing ERP system and other enterprise software.

"NGC's software can help BioWorld transform its product design and global sourcing, while providing a solid platform to handle the company's continued growth," said Alan Brooks, president, NGC. "We look forward to working with BioWorld and helping them take advantage of the many benefits of e-PLM and e-SPS."

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## ***CAD/PLM Technology Partnership for Pioneering Research in the UK***

March 2008

[Cutting Edge Solutions Ltd](#) announced a 5-year contract to provide a PLM solution for at least 160 users at the UK Science and Technology Facilities Council.

Under the terms of the contract, Cutting Edge Solutions Ltd (CES), the UK's leading Siemens PLM Software solution partner, will supply around 100 Design Engineers with the Velocity Series product portfolio. The contract will be centred around Solid Edge and will include CAM Express, Teamcenter Express, Femap, and NX, replacing the existing 3D CAD system. Working closely with CES, the Science and Technology Facilities Council (STFC) will also implement a Teamcenter PLM solution on approximately 160 desktops, to give wider access to product design data.

The contract for the incumbent PTC system expired in December 2007, which presented an opportunity to review all of the major systems on the market. After exhaustive tests and benchmarks, CES was awarded a 5-year contract to replace and expand the existing systems at Rutherford Appleton and Daresbury Laboratories, which host three of STFC's major facilities between them. CES will also provide comprehensive implementation and support services.

Mr Marc Simon, STFC Implementation Project Manager, states that Solid Edge and the Velocity Series product suite was eventually chosen because: "Technically, we felt that there was a good match between our needs and the Solid Edge/Teamcenter Express capabilities. The Siemens PLM Software portfolio also includes NX, which offers us the flexibility to expand our capabilities even further should this be required."

Mr Simon continues that: "A significant factor in our decision was also the level of support offered and demonstrated by CES, which was above and beyond what was asked for in the tender."

Mr Allan Blackwell, Managing Director at CES, adds: "Naturally, we are delighted to have been awarded this significant contract against stiff competition. We are now looking forward to a long and fruitful relationship with STFC that we can all become proud of."

### About The Science and Technology Facilities Council

STFC is one of Europe's largest multidisciplinary research organisations supporting scientists and engineers worldwide. The Council operates large scale research facilities and provides strategic advice to the UK government on their development. It also manages international research projects in support of a broad cross-section of the UK research community and directs, coordinates and funds research, education and training.

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## ***DEMDACO Selects Centric PLM to Speed Delivery of High-Quality Products to Market and Increase Profits***

March 17, 2008

[Centric Software](#), a leading provider of product lifecycle management (PLM) for the apparel and private label industries, today announced that DEMDACO, a growing provider of gift, holiday and home collections that are sold in stores throughout the United States, has selected Centric as its PLM solution. DEMDACO chose Centric PLM to improve global collaboration and product quality, minimize errors and costs, assure compliance and improve margins.

“We are committed to delivering high-quality products to our customers,” said Steve Fowler, chief operating officer at DEMDACO. “Centric allows us to streamline our concept-to-catalog development process, make the wisest use of resources and vendors, improve quality and customer satisfaction, and control costs and improve margins. The fast-paced nature of our business dictates that we choose a system that’s quick to implement and easy for DEMDACO and our suppliers to use. Centric was the clear choice to support our rapidly growing business and help us delight our customers by speeding high-quality, well-designed products to market.”

Like many fast-moving consumer products companies, DEMDACO managed its development process through an internally developed system, which managed simple tasks but was not sufficiently robust to meet the growing and complex requirements of the business. These requirements included the need for improved collaboration, a higher level of product quality control, and timely cost information from suppliers.

“Often, fast moving consumer companies avoid the potential benefits of PLM because of complex and burdensome implementations,” said Chris Groves, president and CEO of Centric Software. “Centric brings the benefits of PLM to these companies through our easy-to-use, quick-to-implement, robust solutions. With Centric PLM, growing firms like DEMDACO can deliver high-quality products in a timely manner, compete more effectively, and realize savings that directly impact the bottom line. We are pleased to have DEMDACO as a customer.”

### **About DEMDACO**

DEMDACO is a design driven company specializing in everyday and holiday gifts, casual luxury tableware and home accents. The company mission is simply stated: We desire to create beautiful gifts and décor that lift the spirit and enhance the home.

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## ***EMC Information Infrastructure Cornerstone of National Patient Record Archive***

March 17, 2008

[EMC Corporation](#), the world leader in information infrastructure solutions, announced today that the Social Insurance Institution of Finland (KELA) has selected an EMC® information infrastructure solution to build one of the world’s first centralized national patient record archive to keep the most essential digital information protected, secure and continuously available. With 300,000 user licenses, the end-to-end architecture consisting of EMC Documentum®, EMC Symmetrix® and EMC Centera®

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provides all critical information management solutions, including content management, storage and archiving, in an architecture designed to support extremely large data volumes.

The EMC Documentum platform will manage all content on the vast eHealth system. Patient and prescription data will be stored on several high-end Symmetrix storage systems and archived on Centera content addressed storage systems. The end-to-end combination of platform, software and services is designed to ensure significant system scalability needed for optimum patient care delivery – the system is estimated to reach 500 petabytes in the next decade.

The new “KanTa” archiving system, valued at approximately 20 million euros, will serve as many as 300,000 professionals within the Finnish public healthcare and pharmacies, as well as private medical clinics. Throughout 2008, the system will provide an electronic prescription service, followed by the completion of a comprehensive patient record and image archive in 2009. By streamlining the information management processes of the entire healthcare sector, the system is predicted to improve clinical productivity while generating major financial savings.

“The new unified national patient record archive, based on EMC technology, will provide the entire healthcare sector with radically more efficient operational models. As physicians are able to have access to all patient information regardless of where previous treatment has taken place - based on an agreement with the patient - the entire national healthcare system should benefit from this streamlined process. The Finnish citizens will benefit from a single online information source, which will provide them with an unforeseen opportunity to participate and influence their personal medical care,” said Markku Suominen, Chief Information Officer at KELA.

In addition to professional healthcare users, KanTa will provide all the 5.3 million Finnish citizens with access to information concerning their personal medical information. Citizens will be able to ensure the protection of their personal data by limiting the type of data displayed on their medical profiles. The centralized KanTa record archive, complete with the “citizen view” option, is first of its kind in the world. Together with the electronic prescription service, the feature will provide a new level of patient security further enabling patient information confidentiality. Coupled with the sheer data volume the system stores and operates, it will quickly become the largest database in Finland.

The Social Insurance Institution of Finland will have separate environments for production, test and development, which makes the system extremely reliable and robust while providing more efficient communications and streamlined operational practices for the entire healthcare sector in Finland. In addition, the scalable and secure storage and archiving technology provided by Symmetrix and Centera systems eliminate the need to perform backups of the KanTa system on tape. All data will be stored and archived on disk to further improve healthcare information high availability.

“The EMC information infrastructure is designed to integrate content management seamlessly with robust storage and archiving solutions to form the cornerstone of the national eHealth patient record archive,” said Yves Mahieu, EMEA Director Healthcare, at EMC Corporation. “The advanced solution will provide the Social Insurance Institution of Finland with the flexibility to grow and develop the patient record archive as its information management requirements and sheer data dimensions grow.”

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***Engineering Consultancy Firm TECOSIM Chooses Moldflow Software for Plastics Simulation***

18 March 2008

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[Moldflow Corporation](#) announced that TECOSIM GmbH, a leading independent engineering consultancy firm, has chosen Moldflow Plastics Insight – Enterprise Edition™ (MPI-e™) as their standard simulation tool for the in-depth design and optimization of plastic parts.

Moldflow Plastics Insight® (MPI®) is a widely used plastics simulation software for the in-depth analysis of the injection molding process and it can be used to predict and solve potential design, manufacturing and material problems before they are encountered in a production environment. Moldflow Plastics Insight - Enterprise Edition is a specially packaged version of MPI that provides broad access to the wide-ranging functionality included in the MPI suite of products.

Having built a strong reputation based on expertise in various fields of engineering simulation to predict the performance of components and structures, TECOSIM will now be able to predict the process boundaries of injection molded plastic parts using MPI-e. TECOSIM customers involved in the design and manufacture of injection molded plastic parts stand to benefit now that they are getting access to the world's most widely-used plastics simulation software.

“TECOSIM is a highly respected provider of simulation solutions and we are pleased that they have chosen MPI-e as the standard for their injection molding simulation services,” stated Andreas Schmedding, Moldflow's Central European Sales Director. He added, “We continue to see steady adoption of our products by companies such as TECOSIM that want to provide state-of-the-art simulation services to their clients and we look forward to helping solve their most difficult challenges.”

Robert Nösner, General Manager TECOSIM GmbH, Rüsselheim adds, “For plastic parts, simulation of the injection molding process and the resulting effect on a part's properties has become so important, optimizing the design and manufacturing process parameters is now essential. MPI is able to identify and optimize manufacturing and part parameters in a very early stage and thanks to interfaces to other programs, it is possible to transfer results to structural analysis software and gain a better overall understanding of the challenges. This ‘Co-Simulation’ improves the value of analysis and allows us to better realize the optimization potential.”

## About TECOSIM

TECOSIM Technische Simulation GmbH was founded in 1992 and today employs more than 220 engineers worldwide. Headquartered in Rüsselsheim, Germany, with subsidiaries in Cologne, Munich, Stuttgart, Wolfsburg, Basildon/U.K. and Tokyo/Japan, TECOSIM handles structural and flow-mechanical issues in the areas of crash, safety, CFD, statics and dynamics. Their customers include automotive manufacturers and suppliers as well as companies from the aviation and aerospace industries.

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## ***Hande Axle Improves Product Development Capabilities with PTC® Pro/ENGINEER®***

March 17, 2008

[PTC](#), the Product Development Company®, today announced that [Shaanxi Hande Axle Co., Ltd.](#), Chinese leading heavy-duty axle manufacturer, successfully launched PTC's Pro/ENGINEER in late October 2007 after 3 months of intensive research. As PTC's integrated 3D CAD/CAM/CAE solution, Pro/ENGINEER helps enterprises to create digital product representations in a detailed, intuitive and vivid way.

Over the recent years, Hande Axle has positioned itself as a technical leader in the automotive industry,

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researching and developing new products that are widely used in heavy off-road vehicles and commercial trucks. Changes in the industry such as increased manufacturing scales and growing development capacities, combined with trends such as the global exchange of technical knowledge, led Hande Axle to seek more advanced and powerful design software, such as PTC's Pro/ENGINEER.

After a successful implementation of Pro/ENGINEER, resulting in the upgrade of their design environment from 2D to 3D, the overall product development processes and capabilities of Hande Axle have been greatly improved. Most significant, Hande Axle established a standard process for data transaction between their R&D and manufacturing process management departments by using Pro/ENGINEER. Design time and errors have been reduced by more than 40 percent and 60 percent respectively, and enterprise standardization of design practices is planned to be increased by 30 percent by using Pro/ENGINEER. Pro/ENGINEER significantly improved the company's ability to meet the evolving demands of its customers.

"Pro/ENGINEER for product development design has greatly improved our overall product development capabilities. Through additional cooperation with PTC, we look forward to further improving our overall product development system and increasing our core competitive advantage," said Mr. Wang Lin, assistant general manager of Hande Axle.

"PTC's unique and comprehensive solutions allow customers like Hande Axle to implement product development faster and more efficiently, to meet their unique industry demands," said Joshua Fredberg, VP product and market strategy, PTC. "We're happy to see Hande Axle's successful implementation of Pro/ENGINEER and look forward to working closely with them on a long-term basis to continue to provide more comprehensive enterprise-class product development solutions."

## **About Shaanxi Hande Axle Co., Ltd.**

Shaanxi Hande Axle Co., Ltd., formerly known as Shaanxi Auto Group Axle Plant, is a high-tech enterprise co-funded by Weichai Power and Shaanxi Auto Group. The company has two sub-plants respectively in Xi'an and Baoji. As one of the most important domestic production bases for heavy duty axles, Hande Axle's major axle assembly series has been equipped on off-road vehicles and heavy commercial trucks. The company was named for three consecutive years as the "China Top 500 National Machinery" and the "Top 100 Excellent National Auto Parts Enterprises." In September 2007, Han Tak Axle was crowned as "China Famous Brand." For more information about Hande Axle, please visit: [www.hdcq.com](http://www.hdcq.com)

## **About PTC Solutions for Automotive Industry**

PTC solutions for automotive are designed to meet the product design and product life cycle management needs of both OEMs and suppliers in the automotive industry. PTC provides enterprise solutions such as 3D design, product data management and collaboration solutions to over 1,400 automotive manufacturers including 8 of the top ten powertrain suppliers and 3 of the top five OEMs.

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## ***Intergraph® Design and Data Management Technologies and World Trade Center Steel Used in USS New York, Newest U.S. Navy LPD Ship***

19 March 2008

Displaying the motto "Strength forged through sacrifice. Never forget" and containing seven and a half tons of steel recovered from the World Trade Center, the USS New York was christened. It is the latest

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ship in the Navy's LPD (Landing Platform Dock) 17 amphibious assault ship class, which has been designed and manufactured using Intergraph's marine design and data management technologies.

The LPD 17 was one of the first ship programs to design and build ships using an integrated data environment (IDE). Intergraph implemented the LPD 17 IDE by combining Intergraph products for computer-aided design, manufacturing and engineering (CAD/CAM/CAE) with enterprise-wide data management and life cycle support. The resulting collaborative computing environment is expected to contribute to more than \$4 billion in estimated savings over the life of the ship class through decreased manufacturing rework and increased collaboration and innovation.

Intergraph's latest marine design and engineering data management software, SmartMarine Enterprise, is used by commercial ship and offshore builders worldwide to speed design, facilitate global workshare and increase productivity.

"[Intergraph](#) has a nearly 40-year tradition of successfully providing key technologies to aid in the defense and public safety of our nation," said Reid French, Intergraph executive vice president and COO. "We are proud to have played a role in the design and production of the USS New York, which embodies the best spirit of innovation and determination that make our country great."

The New York, christened on March 1, 2008, is the newest of ten San Antonio-class ships developed by the LPD Avondale Alliance that was created to design, build, and maintain the configuration of the Navy's next generation of powerful amphibious assault platforms while reducing total ownership cost for the program. Alliance partners include Intergraph, Northrop Grumman Shipbuilding and Raytheon. The last ship in the class is expected to be delivered after 2012.

The IDE implemented by Intergraph for the LPD program enabled collaborative teams across the U.S. to plan, design, build the ship, develop supporting logistics products, and manage the ship program. The IDE contains ship product model data; associate data products such as drawings, technical manuals, GFI, and training materials; and program execution information such as plans, schedules, and procedures. With an IDE, users can access both ship data and program data across multiple organizations, shipyards and geographically distributed teams.

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## ***Lattice Licenses XVL Technology to JAXA***

19 March 2008

[Lattice Technology](#) announced that its XVL technology has been licensed to the Japan Aerospace Exploration Agency ([JAXA](#)), the governmental agency that oversees research, development, and launch of spacecraft. The software employing XVL will be in use at JAXA and offered as a public domain tool.

On February 18, 2008, JAXA released COMGY (COMmmon enGineering theorY), an engineering framework to be used in the concept to preliminary design of large-scale systems such as satellites. The COMGY computer application, jointly developed with Atsushi Morishita, IT consultant, includes a JAXA 'XVL Viewer' to view 3D geometrical data.

XVL is an ultra-compressed technology used to reduce the file size of 3D models created in an engineering CAD system without losing their fidelity. XVL models provide a means for very quick communication and display of the 3D geometry.

"XVL is receiving rapidly growing use as a format of choice within engineering applications used and

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developed by manufacturers worldwide, and JAXA is a nice addition to that group,” commented Bill Barnes, General Manager, Lattice Technology US. “It is ideal for use in aerospace and aviation where large groups need to share, review, test and validate 3D engineering data without delay and without any problems with format. XVL delivers exactly what is needed for the handling of large 3D assemblies for critical applications – high accuracy, small footprint and easy usage.”

COMGY links into JAXA’s previously developed SMART technology, an enterprise-wide satellite design support system. COMGY integrates all the essential SMART project information with engineering and analysis tools, including an interactive 3D viewer of satellite components. COMGY also allows JAXA engineers to compile and reuse complete part information, complete measurement and analysis tasks with the clarity that comes with 3D visualization.

The JAXA COMGY toolset and XVL Viewer combination is expected to enhance design process efficiency at JAXA, and extend its benefits into the public sector. Besides design of large-scale systems, the technology is adaptable for use by other manufacturers who need to manage a large volume of 3D data efficiently. A four-month evaluation of the application is available at <http://comgy.jaxa.jp>.

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## ***Medical Manufacturer TomoTherapy Implements SAP Solution in Only 16 Weeks***

21 March 2008

SAP America, Inc., a subsidiary of SAP AG announced that radiation therapy system manufacturer TomoTherapy Incorporated successfully implemented the SAP(R) Business All-in-One solution in a remarkable 16 weeks and realized immediate business benefits. In January 2007, TomoTherapy went live on SAP Business All-in-One with the goals of managing complex product innovation electronically and consolidating technological leadership in a high-growth market while exploring new international opportunities. SAP(R) Best Practices packages aided the implementation by anticipating the business needs of the radiation therapy system manufacturer, helping to reduce cost and reliance on external consultants.

"SAP Business All-in-One and SAP Best Practices gave TomoTherapy the tools to implement quickly, so that we could keep our focus on our customers," said Martin Christopher, director of IT, TomoTherapy. "Our system was delivered on time, within budget and with no unplanned downtime. With SAP Business All-in-One, TomoTherapy has much better visibility into our global operations and performance, and we enjoy the peace of mind that comes from having a fully compliant business system that enables us to comply with Sarbanes-Oxley. In addition, by taking advantage of the controls and integrated architecture of SAP Business All-in-One, we have more than doubled the throughput for engineering change orders, which directly benefits our customers."

Headquartered in Madison, Wisconsin, TomoTherapy reshapes radiation therapy with its TomoTherapy(R) Hi Art(R) treatment system, integrating CT imaging and helical intensity-modulated radiation therapy to improve the effectiveness and efficiency of radiation treatment for a wide range of cancer tumors. The medical manufacturer selected SAP for its technical excellence and long-term reliability to maintain the company's rapid pace of innovation and growth.

In recognition of the company's impressive technology consolidation, integration efforts and effective project management, TomoTherapy has been named "Regional Champion" representing the Americas in the recent SAP Best Practices success snapshot program. The company garnered the honor based on its rapid and innovative deployment project, which utilized pre-delivered blueprints, personalized system

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configuration, scenario and integration test scripts, end-user procedures, and other proprietary tools and templates.

The SAP Best Practices success snapshot program was created to highlight examples of the growing number of midmarket customers that are using SAP Best Practices embedded in SAP Business All-in-One to expedite solution implementation and improve operational excellence. In 2007, SAP and partner employees around the world submitted project profiles from 32 customers to the competition.

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## ***MPS Expanded Aton Use***

March 2008

The Dutch company MPS is the world market leader in the development, production and installation of high-tech slaughtering systems. MPS also designs and installs systems for the portioning, deboning and logistic processing of meat products, as well as effluent treatment systems.

MPS Red Meat Slaughtering - A product group of MPS - has been using Modultek's PDM solution since the introduction of Solidworks in 1999. Now the company has upgraded the existing system into the newest Aton4 release.

Beside MPS Red Meat Slaughtering, also the product groups MPS Meatlogistics and Aqua Industrial Watertreatment have introduced Aton in their engineering processes.

In the past, the focus in the use of Aton was Product development, i.e. item, model and drawing document management by product engineers. Nowadays focus is moving to also project engineering processes and other kinds of product related documents with an expanded group of users: all those employees that have a need for product information.

New advanced Aton use supports this process of creating a new product information platform and also improving the co-operation between r&d and other parts of organization, such as projects, operations and services.

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## ***Nationwide Selects SAP® for Banking Solutions to Support Growth and Provide Increased Benefits to Customers***

March 17, 2008

[SAP AG](#) today announced that Nationwide, the world's largest building society, has selected the SAP® for Banking solution portfolio as its new technology platform. Nationwide will implement the new software as part of a business transformation program to provide increased benefits to its customers. By doing so, Nationwide will become the first financial services provider in the UK to adopt the newest version of SAP for Banking, which it will use to service its growing banking, savings and mortgage business. As part of the program, named Voyager, Nationwide will modernize its technology with an integrated, next-generation technology platform, streamlining its core processes while supporting business growth and reducing costs.

Nationwide will lead a group of world-class business partners who each bring specialist skills and experience to integrate SAP for Banking into Nationwide by 2012. The first phase of the program will

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focus on current accounts, with subsequent phases supporting savings, mortgages and branch systems. Nationwide is seeking to gain major advantages from its work with SAP, including improved operational efficiency, streamlining of its administrative processes, reduced operating costs and increased product agility. For SAP, this is a significant milestone and proof point of the company's overall presence in the banking industry. In particular, it serves as validation of the company's flexible and scalable platform to support business growth while maintaining operations during the IT transformation program.

SAP is the world's leading provider of business software and has a proven track record in managing large-scale technology integrations around the globe. Through SAP for Banking customers will benefit from:

- New and innovative products
- Greater product choice and flexibility
- Improved turnaround and processing of applications and transactions.

"The financial services sector is rapidly evolving and in order for Nationwide to continue to stand out from competitors and meet tomorrow's business challenges we must ensure we have the right technology in place to support our growth strategies," said Darin Brumby, Nationwide director responsible for overseeing the system's implementation and project delivery at Nationwide. "We are delighted to have formed this new relationship with SAP to support our business growth and customer service improvement plans. We want to be at the forefront of this new innovation and exploit the benefits for our customers. Our goal is to ensure that Nationwide can deliver the very best products and services to our members.

"SAP for Banking will give us the flexibility to adapt and respond to unseen future changes and advancements in the industry," added Mr. Brumby. "Not only will it enhance our speed to market with products, it will also improve the overall customer experience while reducing costs. This is an exciting time for Nationwide which will see our technology systems move into the twenty-first century and strengthen our presence in the marketplace."

"We are proud to be a part of Nationwide's business transformation and look forward to a long-term relationship, supporting their strategic business transformation agenda," said Thomas Balgheim, senior vice president, global banking line of business, SAP AG. "We are very pleased Nationwide's technology operations and business processes will be based on the SAP platform, which will enable their growth today and into the future. SAP's banking specific solutions are built upon a flexible and scalable platform that provide the foundation for addressing the many challenges faced by financial services providers, from increased competition and value adding customer services, to the demands of regulatory compliance and managing new growth opportunities."

## **SAP® for Banking**

The SAP® for Banking solution portfolio provides banking-specific (transactional banking, CRM, risk management) and banking-relevant (financial accounting, human resources management, procurement) services and solutions created on a single enterprise SOA-enabled business process platform (BPP). With more than 600 customers in 60 countries worldwide, SAP for Banking provides an integrated set of tools and automated processes to manage every aspect of the front- and back-office banking environment—from high-volume transactional banking processes and customer relationship management to financial accounting, cost controlling and profitability and risk analysis. Based on the

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open architecture of the SAP NetWeaver® technology platform, SAP for Banking helps companies expertly manage transactions and relationships across the institution to quickly identify and exploit market opportunities and easily tailor new products to the specific needs of individual customers. (Additional information at: <http://www.sap.com/banking>)

## **About Nationwide Building Society**

Nationwide is the world's largest building society (the UK equivalent to the United States' savings and loan institutions) with over 13 million members and assets of over £160 billion.

Nationwide has mutual (as opposed to Public Limited Company) status, which means that it is owned by its members and is run day-to-day by an executive management team overseen by an elected board of directors.

Nationwide offers a broad range of retail financial services including mortgages, savings, current accounts, life assurance and investment products, personal loans and household insurance. The Society is the UK's second largest mortgage lender and the second largest savings provider. Nationwide's members can manage their finances through over 900 retail outlets, by telephone, internet and post.

The Society has around 19,000 employees. Nationwide's head office is in Swindon, England with administration centres based in Northampton and Bournemouth. (Additional information at <http://www.nationwide.co.uk>)

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## ***ReWalk Exoskeleton Helps Paraplegics Walk—Designed in SolidWorks 3D CAD software, device makes dreams a reality for those with lower limb disabilities***

March 17, 2008

An innovative alternative to wheelchairs designed in [SolidWorks®](#) 3D CAD software lets paralyzed people do what was previously considered impossible: stand, walk, and climb stairs.

Designed by Israeli consultancy [Taga](#) for medical device company Argo Medical Technologies, Ltd., the ReWalk exoskeleton is a light, wearable brace support suit featuring DC motors at the joints, rechargeable batteries, an array of sensors, and a computer-based control system. Users wear a backpack device and braces on their legs, and select the activity they want from a remote control. A sensor on the chest determines the torso's angle and guides the legs to move forward or backward to maintain balance.

“There are a lot of challenges to design something that imitates a human walking, including universal fit for a broad range of user height and weight measurements, as well as a low profile that is both contemporary and user friendly,” said Assaf Barel, design engineer at Taga. “SolidWorks enabled us to be creative in addressing all of these challenges. The finished product is strong, compact, lightweight, and works like a human body.”

## **Step in the right direction**

Taga standardized on SolidWorks for all new product development, including a range of medical, consumer, and equipment products for customers like General Electric, Phillips, and Comverse. Taga used SolidWorks to design the ReWalk based on a rough prototype from its inventor, Dr. Amit Goffer. SolidWorks gave engineers the time and capability to discover innovative approaches to translating the original prototype into a working model.

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SolidWorks simplified design iterations and helped ensure accuracy as engineers constantly refined concepts to accommodate variables such as leg brace length, joint angle range, and the amount of pressure the joints can withstand. SolidWorks' mass properties functionality enabled Taga engineers to see exact weight calculations as they designed the exoskeleton to be light enough to maneuver. COSMOSXpress™ allowed engineers to test the strength and durability of different load-bearing components to ensure the exoskeleton would hold up when users bend, stand up, and climb stairs.

All of Taga's subcontractors use SolidWorks software, which, along with eDrawings® e-mail-enabled design communication tool, makes collaboration easy and smooth. Having teams work on native file formats also reduces costly and time-consuming errors.

The ReWalk exoskeleton is currently undergoing clinical trials. Taga expects it to be ready for general availability in 2009.

"The ReWalk is truly a product that will have a significant impact on people's lives," said Rainer Gawlick, SolidWorks' vice president of worldwide marketing. "Making ambulatory mobility a reality for those with lower limb disabilities is a huge medical advance, and one that we at SolidWorks are proud to be a part of."

Taga relies on authorized SolidWorks reseller Systematics, Ltd. for ongoing software training, implementation, and support.

## **About Taga**

Founded in Tel-Aviv in 2001, Taga partners with companies of all sizes to design innovative solutions that meet their needs. Products designed and engineered by Taga's professional team have sold for billions of dollars worldwide and won industry and design awards. For more information, visit [Taga](#).

## **About Systematics, Ltd.**

Founded in 1979, Systematics is a leading distributor and integrator of IT solutions in Israel. Its expanding solution portfolio includes geographic information systems (GIS), CAD, technical computing and model-based design, collaboration, and maintenance management. Systematics serves thousands of customers from all sectors of the Israeli economy, including: public, private, military and defense, manufacturing, education, and finance. For more information, visit the Web site: [www.Systematics.com](http://www.Systematics.com)

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## ***Telelogic Signs 1.1 MEUR Agreement with Leading Aerospace and Defense Company***

March 17, 2008

[Telelogic](#) today announced that a global leader in aerospace, defense and related services has signed a license and maintenance agreement for Telelogic's modeling solutions with a value of 1.1 MEUR.

With the market leading capabilities and industry proven record the company selected Telelogic's modeling solutions and will deploy them across key development departments within their organization.

"We are delighted that yet another giant within the aerospace and defense community has selected Telelogic's market leading modeling solutions," said Anders Lidbeck, President and CEO of Telelogic. "The agreement further evidences Telelogic as the solution provider of choice in the aerospace and defense industry."

## **About Telelogic**

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Telelogic is the leading global provider of software solutions for Enterprise Lifecycle Management (ELM). Award-winning Telelogic software helps customers design, develop, and deliver the world's most advanced and innovative products, systems, and software more efficiently by aligning and optimizing development lifecycles and business processes with business objectives and customer needs. Telelogic helps customers improve quality and predictability while reducing time-to-market and overall costs. Headquartered in Malmö, Sweden with U.S headquarters in Irvine, California, Telelogic conducts business in more than 40 countries. More than one third of the Fortune Global 500 companies use Telelogic software including market-leading aero/defense, automotive, financial services, software/electronic and telecommunications companies and governments worldwide.

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## ***Telelogic Signs 3.3 MUSD Agreement with Global Semiconductor Manufacturer***

March 17, 2008

[Telelogic](#) today announced that a global semiconductor manufacturer has signed a three-year license and maintenance agreement for core components of Telelogic's solutions for Enterprise Lifecycle Management (ELM), with a value of 3.3 MUSD.

The agreement sees the company standardize their enterprise change and configuration management with Telelogic Synergy™, and their processes for requirements definition, analysis and management with Telelogic DOORS®. The majority of the agreement originates from Telelogic Synergy™.

“The company's decision to extend their current agreement coupled with standardizing on the core requirements and change and configuration management parts of our solutions for Enterprise Lifecycle Management (ELM) is yet further evidence of Telelogic as the vendor of choice for advanced systems and software development,” said Anders Lidbeck, President and CEO of Telelogic.

### **About Telelogic**

Telelogic is the leading global provider of software solutions for Enterprise Lifecycle Management (ELM). Award-winning Telelogic software helps customers design, develop, and deliver the world's most advanced and innovative products, systems, and software more efficiently by aligning and optimizing development lifecycles and business processes with business objectives and customer needs. Telelogic helps customers improve quality and predictability while reducing time-to-market and overall costs. Headquartered in Malmö, Sweden with U.S headquarters in Irvine, California, Telelogic conducts business in more than 40 countries. More than one third of the Fortune Global 500 companies use Telelogic software including market-leading aero/defense, automotive, financial services, software/electronic and telecommunications companies and governments worldwide.

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## ***V-ZUG AG on Expansion Path with IFS Applications***

20 March 2008

IFS has been selected by V-ZUG AG, the Swiss market leader in household appliances, to support integrated processes— from purchasing to after-sales support—and efficiently manage its growing international operations.

[V-ZUG AG](#) develops, produces, and sells kitchen and washing appliances. ZUG appliances are to be

found in every second Swiss household. ZUG will implement IFS Applications components for financials, engineering, distribution, manufacturing, after-sales services, and CRM. The solution will be implemented step by step over four years, with the main license revenues in 2008 and 2009.

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## Product News

### ***ARRK Technical Services Purchases Moldflow Software***

20 March 2008

[Moldflow Corporation](#) announced that [ARRK Technical Services Ltd](#), with offices in Basildon and Coventry, UK, has purchased Moldflow Plastics Insight® (MPI®). To better serve their customers ARRK has standardized on MPI.

ARRK's investment in MPI provides further validation that plastics simulation is a critical component of the product development process. Running the full MPI suite of tools will allow ARRK to provide the benefits of Moldflow consulting services to all of their customers across a wide range of industries. The use of MPI aligns closely with ARRK's Full Line service, offering customers even greater time savings in getting their products to market.

Jason Roberts, ARRK Technical Services' General Manager said, "We are delighted to add Moldflow analysis to our range of consulting services. This logical step will allow us to offer full part optimization for both new and existing products as well as more conventional analysis for confirming tool design prior to cutting metal. The increased value our clients will see from utilizing Moldflow as part of the Full Line business will be rewarded in getting their products to market right first time, on time and at the lowest possible cost."

Myles Peyton, Moldflow's UK Account Manager, explains, "Moldflow is pleased to add ARRK Technical Services to our expanding network of strategic consulting customers around the world. We look forward to a productive relationship between our two companies." He continued, "More product development businesses are recognizing the importance of a Moldflow optimization strategy. The value-add of a full Moldflow optimization process for part design, tool design and part production can make the difference and ensure that companies stay ahead of their competition."

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### ***ALGOR and SpaceClaim Partner to Create 3-D Design Solution for CAE Users***

18 March 2008

ALGOR, Inc. and SpaceClaim announced a new technology partnership today. As part of ALGOR V21.1 and SpaceClaim Professional 2007 SP2, a fully integrated solution is now being offered by ALGOR and SpaceClaim – providing thousands of users with a complete design-to-analysis solution and a computer-aided engineering (CAE) workflow. Users can control the CAE workflow regardless of the native CAD environment – reducing the amount of time that it takes to iterate through multiple CAE scenarios, which leads to better-performing designs and reduced project costs.

This solution provides benefits in preparing models for analysis and building intelligence by being able to edit geometry for design optimization and multiple iterations.

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"[SpaceClaim](#) and ALGOR offer a valuable solution for product design and analysis," said Ted Fryberger, P.E. of DeepSoft, Inc. "As a satisfied ALGOR user since 1988, we realize the vital need for a 3-D design solution – this is where SpaceClaim first attracted our attention. SpaceClaim's ability to import virtually any solid model geometry and create a neutral file format for input to ALGOR is where we are focusing our attention." Fryberger further commented that another benefit he sees is SpaceClaim's powerful geometry modification being ideal for "what if" conceptual design or modification of existing designs.

"SpaceClaim's solution fits precisely in the CAE workflow," said Teresa Anania, ALGOR Vice President of Operations. "It offers the analysis team more control and less requirement to go back to the CAD team for modification requests. SpaceClaim works with all native CAD files, which is important because ALGOR products work with all leading CAD vendors – giving our clients a cost-savings choice to have a 3-D design solution on their desktop. We believe ALGOR customers will welcome the new solution, largely because our analysis community can easily work with SpaceClaim – the learning curve is flat and the solution itself is intuitive and affordable."

The partnership between ALGOR and SpaceClaim includes a time-limited software co-distribution agreement where ALGOR DesignCheck, a version of ALGOR software that allows users to verify designs with a first-pass test, is available for free to all SpaceClaim customers and SpaceClaim is available for free to all ALGOR customers.

"ALGOR's solution creates a unique opportunity for SpaceClaim customers worldwide to start with DesignCheck and then add advanced analysis for a complete CAE solution," said Michael Payne, CEO of SpaceClaim. "SpaceClaim channel partners are also thrilled with the offering and opportunity to work closely with ALGOR. We want to make sure that all ALGOR and SpaceClaim users have a chance to experience this CAE solution and improved workflow."

Users can upgrade to any of ALGOR's wide range of simulation capabilities including: static stress and Mechanical Event Simulation (MES) with linear and nonlinear material models; linear dynamics; fatigue; CFD including steady-state and transient heat transfer, steady and unsteady fluid flow and mass transfer; electrostatics; full multiphysics; and piping. All ALGOR products provide direct CAD/CAE data exchange and full associativity with SpaceClaim.

To see a free demonstration, view [ALGOR and SpaceClaim: Redefining CAD and FEA](#).

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## ***Ansoft Releases Maxwell v12 and RMaxprt v12***

18 March 2008

Ansoft Corporation announced Maxwell® v12 and RMaxprt™ v12. Maxwell is the company's electromagnetic field simulation software used for the design and analysis of 3D/2D structures, such as motors, actuators, transformers and other electric and electromechanical devices common to automotive, military/aerospace and industrial systems. RMaxprt is a specialized software program dedicated to the design of electric machines.

Maxwell v12 includes a new 3D electric transient solver that solves time-varying electric fields due to a transient disturbance, such as lightning strikes on electrical equipment. The new version also is equipped with advanced model healing capabilities. This productivity feature will automatically identify and resolve potential problems with geometry imported from popular CAD systems and streamline the

solution process.

Additionally, the Ansoft next-generation desktop architecture has been added to the Maxwell 2D solvers. This interface offers many new usability enhancements, including advanced 2D modeling, powerful scripting capability and enhanced post-processing.

RMxpvt has been upgraded with a new capability to solve three-phase non-salient synchronous machines, automated project setup for Maxwell and a new wire library allowing motor designers to study the effects of various wire types of a design prior to physical prototype creation.

## **Pricing and Availability:**

Maxwell v12 and RMxpvt v12 are available for Microsoft Windows® XP Professional, Server 2003 Standard Edition, XP Professional x64 Edition, Server 2003 Standard x64 Edition, Red Hat Enterprise Linux v3 (32 and 64 bit) and v4 (32 and 64 bit), SuSE Linux Enterprise Server v9 (32 and 64 bit) and Solaris versions 8, 9 and 10. For pricing information, contact your nearest [Ansoft](#) sales office.

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## ***ANSYS, INC. Extends Distribution Relationship with PERA Global***

18 March 2008

ANSYS, Inc. announced that PERA Global will be its exclusive sales and support channel partner for all the existing ANSYS brands, including ANSYS® Multiphysics™, ANSYS® Workbench™ and FLUENT®, in Mainland China, Hong Kong and Macao. PERA Global has been distributing and supporting the ANSYS portfolio of software products since 2004 and has offices in eight locations, with significant operations in Beijing, Shanghai and Guangzhou. Working synergistically with the PERA Global team, ANSYS local office personnel, based in Shanghai, will focus on strategic functions including ANSYS brand management, business development and product localization for ANSYS customers in China.

Teaming with Pera, ANSYS will work closely with leading research institutes, high-performance computing centers and customers to apply multiphysics-based simulation technologies to new classes of applications. The local ANSYS office will also play a key role in ensuring that ANSYS technologies and products continue to address domestic requirements as China accelerates development of high-tech industries, such as aviation, electronics, automotive, ship manufacturing, energy and materials. Working with industry associations, universities, and local and national government organizations, ANSYS and PERA teams will also focus on promoting the use of simulation technologies at the teaching and research levels, ensuring industry-ready human resources for domestic and multinational enterprises.

“As a result of this strengthened partnership and long-term commitment with ANSYS, PERA will make additional investments in sales and support capabilities that will allow us to provide broader geographical coverage and offer high-quality and rapid support to domestic and multinational customers,” said Guoming Zhang, president of PERA Global. “Leveraging unequalled depth, unparalleled breadth and world class multiphysics capabilities of technology from ANSYS, PERA and ANSYS teams will work collaboratively to deliver industry-leading engineering simulation solutions for the complex product and process development challenges faced by customers every day.”

“To stay committed to its hybrid sales model, ANSYS continues to expand and enhance its network of channel partners and direct offices that are working together to deliver the value of ANSYS engineering simulation solutions to a large and growing customer base,” said Joe Fairbanks, vice president of global

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sales and support at ANSYS, Inc. “Building on our already long-standing and successful partnership, PERA’s solid sales and support capabilities, commitment to the engineering simulation marketplace, and broad geographical coverage make PERA an ideal partner for addressing opportunities in this fastest-growing economy in the world. Additionally, the complementary and strengthened capabilities of PERA and ANSYS will help accelerate the use of engineering simulation in product manufacturing and process industries, enabling innovation and advancement.”

The collaboration of the [ANSYS, Inc.](#) local office in China, focused on the advancement of simulation technology capabilities and scalability in the region, with the strong customer focus and relationship capabilities of [PERA](#) Global is a further commitment to the hybrid distribution model of ANSYS, Inc. This model will add significant value to customers in the region, as they will benefit from a regional partner with strong local market and technical capability and an ANSYS office that will work collaboratively with PERA Global to ensure that current and future needs of the customers in this region are met.

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## ***Bentley Releases RAM Advanse Version 9.0***

13 March 2008

Bentley has just released version 9.0 of RAM Advanse, which provides sophisticated design tools to help structural engineers with everyday analysis and design needs for almost any type of structure or structural component. The software provides automated and integrated tools that increase the productivity and profitability of structural engineering organizations by allowing them to produce economical designs more quickly.

RAM Advanse version 9.0 includes the following new features:

- A truss design module that allows steel or wood trusses to be modeled, analyzed, and designed in minutes. The module also allows trusses to be optimized while maintaining the out-to-out dimensions of the truss.
- An enhanced footing design module that can now be used as an individual program or as a part of RAM Advanse. In addition to designing spread footings, the module can design combined footings in accordance with ACI 318-05.
- A concrete wall design module that replaces the shear wall design module. It features added capabilities and a new interface. The module now allows input of out-of-plane loads with the option to design the wall as a bearing wall, a shear wall, or a combination of both.
- AISC 360-05 Specification for Structural Steel Buildings (LRFD & ASD). In addition to performing code checks, RAM Advanse version 9.0 now includes shear stiffeners for built-up members.
- AF&PA National Design Specification (NDS) for Wood Construction 2005 Edition, with the ASD and the LRFD methods. The provisions also include resistance variation depending on the member’s cross-section size for Southern Pine species.
- AISI North American Specification for the Design of Cold-Formed Steel Structural Members 2001 (including 2004 supplement). The LRFD and ASD methods are included. LSD will be available in April 2008. Additionally, code checks are included for bearing and single flange “through-fastened” to decking or sheathing.

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- A new, sophisticated memory-management system that allows bigger models and faster analyses.
- Tilt-up wall module enhancements based on user feedback. After the first release of this module, users provided valuable feedback that was incorporated into this version. These enhancements aim to make the tilt-up wall module the best available in the industry.
- Enhancements to load cases and combinations. Concrete, tilt-up, and masonry wall modules now accept any number of load cases/combinations when importing from the RAM Advanse 3D model. In addition, particular load cases and combinations can be selected for analysis.
- Reinforced concrete beam and concrete column modules that include an improved and consistent graphical user interface that can be used as individual programs without a 3D model.
- A new quadrilateral shell element has been added with six degrees of freedom at each node – three translational, two bending, and one drilling. The formulation of the element-stiffness matrix includes membrane stiffness and plate-bending stiffness. Additionally, temperature loading can be applied to shells.
- New 3D rendered graphics for a more realistic look, as well as completely new graphics that make on-screen information, such as supports, hinges, loads, reactions, and stresses, clearer and easier to read.
- The ability to disable shear deformations from the analysis, which is useful when running verification models.
- Improved analysis and design of “I-shaped” cross section steel members that now includes an exact stiffness tapered finite element. The previous approach of segmenting the member in six parts is still available as an option. The design includes AISC 13th Edition code checks. Results of this new finite element were compared with the benchmark problems proposed by Kaehler et al. (2006) and are exact.
- An upgrade of the DXF export for full compatibility with VectorDraw and AutoCAD. This includes multiple layers for better visualization and classification.
- RSS feed that provides up-to-date information about software updates, seminars, and events.
- Automatic update notification that informs users that a new update is available for download.

Users of Bentley’s RAM International product line whose products are covered by the Bentley SELECT Program agreement can download or request a CD of RAM Advanse version 9.0 free of charge. All other users should contact their Bentley account manager or regional engineer for upgrade information at 800 726 7789 (in the U.S.), or 760 431 3610. Users can also email Bentley at [structural@bentley.com](mailto:structural@bentley.com).

To learn more about Bentley’s comprehensive structural solutions, visit <http://www.bentley.com/structural>.

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## ***Cimatron Helps Speed Up Tool Design with CADENAS PARTsolutions***

18 March 2008

Cimatron is announcing a new partnership with leading part catalog provider CADENAS. The integration of CADENAS PARTsolutions into version 8.5 of CimatronE enables tool makers to shorten design cycles by incorporating ready-made CADENAS catalog parts into their mold and die assemblies.

While powerful catalog functionality has long been available in Cimatron’s software, the CADENAS

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catalogs place thousands of additional standard components at the disposal of Cimatron's users, eliminating many of the manual and time consuming steps in the tool design process.

CADENAS catalogs can be downloaded from the Internet, and automatic updates are provided on an ongoing basis, ensuring that changes to parts are immediately reflected in the catalog.

“Whether through our own research and development or by partnering with best-of-breed solution providers, our mission is to help toolmakers be more competitive by reducing costs and shortening delivery times,” said Ira Bareket, Cimatron's VP Sales and Marketing. “The addition of the CADENAS catalog interface is another step in this ongoing effort. We are excited to make the rich collection of their catalogs readily available to our customers.”

“[Cimatron](#) is well-regarded in the industry for its innovative solutions, providing mold and tool makers with the most advanced functionality and utmost usability to help them deliver high quality results at the shortest possible time,” said CADENAS executive Jürgen Heimbach. “We are honored to have our part management be part of the Cimatron solution.”

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## ***CollabNet® and ReleaseTEAM Partner to Deliver Software Development Solutions***

18 March 2008

ReleaseTEAM, the configuration management specialists, and CollabNet (<http://www.collab.net>), announced a partnership to help software development teams maximize productivity and cost-savings through increased efficiency across distributed teams. CollabNet is a provider of solutions for distributed software development and the company behind Subversion®, a Software Configuration Management tool. Through this agreement, ReleaseTEAM will provide its SDLC and consulting services to CollabNet customers, where the companies will jointly support Subversion as the new industry standard for Software Configuration Management (SCM).

With an estimated user base of 2.5 million users worldwide, Subversion's growth has benefited from CollabNet's sponsorship and the resources it provides for users and organizations that need enterprise-class [Subversion](#) training, consulting and support.

“ReleaseTEAM is committed to providing expert consulting based on our many years of experience helping organizations manage the increasing complexities of developing high-quality software,” said Shawn Doyle, ReleaseTEAM CEO. “We are pleased to be able to expand our service offerings to include CollabNet's products, which we feel represent some of the best tools on the market for process automation and distributed development. Our expertise in the software development lifecycle, along with CollabNet's solutions, can help development teams dramatically improve productivity with a better organized and more efficient software development process.”

“Our quest to transform software development continues to progress through our collaboration with leading experts such as ReleaseTEAM. To help enterprises innovate, we are eliminating development silos and bringing a distributed mindset to the traditional application development environment,” said Martin Doetting, vice president of worldwide marketing. “ReleaseTEAM's influence among today's leading organizations helps increase the foothold of our development platform, and also helps accelerate the growth of Subversion, one of the most successful open source projects.”

For more information about CollabNet and ReleaseTEAM's software and consulting solution, please go to <http://www.releaseteam.com> or call 720-887-0489.

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## ***Dassault Systèmes Announces Abaqus BioRID II Crash Dummy Model From SIMULIA***

18 March 2008

Dassault Systèmes ([DS](#)) announced the release of the Abaqus BioRID II (Biofidelic Rear Impact Dummy II) from SIMULIA, the Dassault Systèmes brand for realistic simulation. SIMULIA's 3D BioRID II dummy model is used by the automotive industry during the design phase of seats and head restraints to assess and reduce the risk of neck injuries resulting from rear-end vehicle collisions.

According to the Insurance Institute for Highway Safety (IIHS), whiplash injuries sustained in rear-end collisions account for approximately \$8.5 billion in insurance claims annually. The new Abaqus BioRID II has been developed and validated in cooperation with the German Association for Research in Automobile Technology (FAT). The dummy model, in combination with the physical BioRID II crash test dummy, is used by automotive OEMs and suppliers to evaluate the realistic performance of complete seats (cushion and backrest), including head restraint systems designed to minimize whiplash injuries.

"Realistic simulation is proving to be ever more critical in the development of our seating systems to address market requirements and satisfy regulatory issues," states Laurent Guerin, simulation methods manager, Automotive Seating Product Group, Faurecia. "The Abaqus BioRID II model is providing very accurate predictions and correlation against physical test results, and we are incorporating its usage as an integral part of our product development process. Such simulation capabilities enhance Faurecia's efficiency and effectiveness in designing and manufacturing seats and head restraints that can reduce whiplash injuries in rear impact crashes."

"The new Abaqus BioRID II model is an important component in the expansion of our automotive safety simulation solutions," notes Marc Schrank, director of crashworthiness and occupant safety for [SIMULIA](#). "Accurate and robust safety simulation solutions are a key factor in delivering Abaqus Unified FEA technology, which enables automotive OEMs and suppliers to leverage the power of realistic simulation and its associated intellectual property across multiple engineering disciplines."

The Abaqus BioRID II model takes advantage of Abaqus technology to represent the complex neck and spine construction of the physical BioRID II dummy. This state-of-the-art technology enables accurate, yet computationally efficient, simulation of the accelerations and loads occurring in the spine, neck, and head during a rear-end collision.

The German Association for Research in Automobile Technology promotes scientific research of automobile performance, safety, materials, and efficiency. Member companies in the working group for crash and occupant safety simulation include Audi, BMW, CRH, Daimler, JCI, Karmann, Keiper, Opel, Porsche, and Volkswagen.

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## ***Dassault Systèmes Partners with CSM Worldwide and Saphran to Offer Integrated Quote Management Solution***

13 March 2008

Dassault Systèmes ([DS](#)) announced a partnership with automotive forecast leader CSM Worldwide and

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software supplier Saphran Solutions, designed to help automotive suppliers develop customer proposals and quotes, and assess the project's profit potential as well as the financial impact it will have on their ongoing business plans.

Statistics show that less than 50 percent of proposals are delivered on time with the required documentation. As the OEM's window of response time continues to decrease, this means that quotes for jobs are often being submitted without suppliers confidently knowing how to meet the associated costs and their internal margin requirements.

"Disparate and fragmented systems limit on-demand decision support," says John Brennan, vice president, Global Business Development, CSM Worldwide. "By integrating CSM forecast data and Saphran Solutions quoting and business planning applications within Dassault Systèmes' ENOVIA PLM collaborative business process tools, suppliers can accurately access the value and impact of any project on the enterprise."

Adds John Squire, ENOVIA VP, Marketing, Dassault Systèmes, "This partnership will offer customers the ability to configure their proposals to reflect industry accepted forecasts, and defined product scenarios inclusive of assigned tasks, materials required for manufacturing, and identified sourcing professionals. All the forecast, cost and design data is stored together so there is total revision control – any changes made to the original proposal are mapped and stored into the system."

"Saphran's closed-loop commercial optimization software leverages cost structures within the library of engineering information managed by Dassault Systèmes intelligently linked to CSM's vehicle, engine or transmission forecasts to reduce financial risk and enhance margins," adds Kenneth Bassey, founder and president of Saphran Solutions. "We apply techniques of the Toyota Production System to reduce wasted effort and improve accuracy of forward profit management process and the results are highly measurable."

The capability offered by the partnership between CSM, Saphran and Dassault Systèmes reduces supplier risk by allowing them to realize more timely and accurate quotes based on product forecasts with BOM cost analysis reflecting both changing product specifications and rolling business plan cost models. Executive dashboards track status, costing, and margin of various proposals under development in real time for financial analysis. This results in a higher win/loss ratio and better program margins. It also allows for program changes to be measured, communicated, and tracked in real time in tandem with program risk and costing changes. Through accurate on-demand enterprise forecasting, a supplier can better access the value a new program represents, ensuring that its enterprise is structured to protect and grow forward profits.

The integrated quote management solution relies upon software from both Saphran Solutions and Dassault Systèmes with one click integration of automotive market forecasts from CSM. For more information, call David Lazor from Dassault Systèmes at (248) 762-1986 , John Brennan from CSM at (248) 465-2805 or Edward Scott from Saphran at (810) 845-0593.

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## ***Infor Announces New Version of Infor PLM***

March 14, 2008

[Infor](#) today unveiled the latest version of Infor PLM 8, its comprehensive product lifecycle management (PLM) software specifically designed for discrete manufacturing industries such as automotive,

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industrial equipment & machinery, aerospace, and high tech & electronics. Enhancements to Infor PLM 8, version 8.1, enable companies to improve collaboration, streamline design processes and drive visibility throughout the organization, which can help manufacturers reduce time to market, decrease costs and increase operational efficiencies.

“Manufacturers face constant pressure to innovate and take products to market faster than their competitors –challenges that mandate comprehensive, up-to-the-minute information during product development,” said Rory Granros, Infor’s director of product marketing for PLM solutions. “Infor PLM 8 allows stakeholders from R&D, marketing, purchasing, and production to make informed decisions regarding design changes, raw material sourcing and production resources to determine the market viability and cost-benefit of each product. This enables companies to invest in products with true market sustainability and substantial profit margins.”

According to industry analysts, the PLM market is expected to grow nearly 10 percent over the next five years, with tremendous opportunities in North America and EMEA, as well as in emerging markets within Latin America and Asia. A part of this growing interest in PLM is driven by corporate initiatives among manufacturers to improve the efficiency and timeliness of new product development and introduction processes.

With Infor PLM 8, manufacturers can streamline the engineer-to-order production model by leveraging real-time data-sharing, which provides deep visibility into the design and product development process. Customer-driven enhancements, such as improved product data management, enterprise content management, lifecycle analysis, and CAD integration, provide an end-to-end tool for multi-site collaboration. Additionally, customers will benefit from seamless integration to Infor and third-party ERP systems, enabling manufacturers to experience a lower total cost of ownership, rapid implementation and quicker return on investment.

Rodgers Instruments LLC, the world’s largest manufacturer of stereo-imaged church organs and pipe-digital organs and a long-time Infor customer, has already seen significant benefits from the CAD integration in the latest version of PLM 8. Coupled with improved data exchange from Infor PLM to its existing Infor ERP Baan IV c4 system, the company has improved its ability to meet the customized requirements of its customers, reducing the time from order to completion from four months to only four days.

“With Infor, we are able to support a feature-centric development process to set ourselves apart from our competitors and provide more value to our customers. Infor PLM is playing an instrumental role in helping us collaborate more effectively with our customers and suppliers to achieve new levels of product customization, which has resulted in a 50 percent reduction in time to market,” said Tony Williams, director of engineering, Rodgers Instruments. “We view Infor as a partner with solutions that continue to evolve to meet our needs as our business and customers’ demands change, not just a technology vendor.”

## **Enhancements to Infor PLM 8:**

- Improved holistic check-in operation enables validation and version confirmation for drawings, formulas, bills of material, and engineering change orders. This feature furthers collaboration by alerting departments when changes to an open document are made and improves data accuracy in CAD workstations, R&D and ERP systems.
- eCAD integration provides support for electronic component design, such as GPS for the automotive industry, with Mentor Graphics Corporation (Nasdaq: MENT), a world leader in electronic hardware

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and software design solutions

- Greater Enterprise Content Management functionality provides enhanced data transparency by centralizing critical product information that can be shared across the extended enterprise
- Improved lifecycle analyzer usability reduces the steps required to identify the impact of proposed changes to product information through classification and expanded user-defined fields

Additionally, the enhanced 2D and 3D CAD integration provides a straightforward exchange of product drawing and model information with select CAD software including SolidWorks® 2006 & 2007, Auto Desk: AutoCAD® 2006 & 2007, Mechanical Desktop® 2006 & 2007, Pro/Engineer Wildfire® 2.0, and Unigraphics: NX® Series.

Infor PLM 8 is available in English, French, Spanish, Dutch, German, and simplified Chinese. For more information, please visit [http://infor.com/product\\_summary/plm/plm8/](http://infor.com/product_summary/plm/plm8/).

## About Infor PLM 8

Infor PLM 8 provides an integrated, comprehensive lifecycle view of product design data and definition, giving discrete manufacturers greater control over the execution of product-related tasks and overseeing review and approval across the internal and external supply chain. With Infor PLM 8, companies can shorten cycle times for changes and approvals, minimize scrap and rework, and boost productivity.

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## ***Lawson Software Announces Trace Engine 3.0 to Help Food and Beverage Companies Improve Food Safety and Quality***

17 March 2008

[Lawson Software](#) announced the availability of Lawson M3 Trace Engine 3.0, the first version offered within the U.S. market. The application is designed to help companies in the food and beverage industries improve product quality and help prevent and manage potential food safety and quality risks. It specifically helps companies strengthen and simplify the process of tracking ingredients and finished products through complex global supply chains.

Lawson M3 Trace Engine is a standalone, web-based traceability system that operates with the Lawson M3 Enterprise Management System and many other non-Lawson ERP, farming or food lab software systems. It helps food and beverage companies manage risk and protect their brands by allowing them to share trace data, such as product origin, transport data and other attributes online with retailers and regulators. This type of information not only helps build stakeholders' confidence in a brand, but also helps companies validate their corporate social responsibility and sustainability initiatives in areas such as product safety, sustainable development and animal welfare.

"Lawson Trace Engine is helping us enhance our brand's reputation by capturing detailed product information we can share with customers," said Arnt Mjoen, IT manager for Norway-based Marine Harvest, the world's leading seafood company and a Lawson Trace Engine 3.0 pilot customer. Marine Harvest produces one-third of the world's farmed salmon and trout with operations in 20 countries and customers in more than 70 countries. "The application also helps us efficiently manage and adjust production across our farmed salmon operations to help ensure we consistently deliver quality products."

In addition to automating both internal and global track and trace processes, the new Lawson Trace

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Engine solution helps quality and food safety managers continually improve business processes. For example, the application enables users to visualize internal production processes in real time, identify potential ingredient issues and respond to events or problems before a product leaves the production facility.

Lawson Trace Engine also helps simplify compliance with current U.S. and European Union food safety regulations while providing tools to help users adjust to future requirements. For example, the application can reduce the time needed to prepare for regulatory audits by providing tools to help automate product quality and traceability reporting. It also can help companies provide evidence about product trace lines and history in the event of specific food safety events.

"Managing risk in today's high-stakes food safety environment requires more than just an ability to track and trace ingredients worldwide," said Vicki Griffith, marketing director, Food & Beverage, Lawson Software. "Our trace solution helps food and beverage companies gain a competitive advantage by delivering greater visibility into business processes so they can resolve quality issues before products reach consumers. Lawson is offering a traceability solution designed to meet the needs of a broad range of food and beverage companies worldwide."

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## ***LMS Introduces Imagine.Lab OPTIMUS***

20 March 2008

[LMS](#) International announced the introduction of LMS Imagine.Lab OPTIMUS. With the integration of OPTIMUS, LMS Imagine.Lab AMESim gains new capabilities to capture and automate 1D simulation processes which facilitates a quick assessment of a multitude of design options. The new optimization module also enables design and engineering teams to automatically select the optimal design, taking into account multiple performance targets and six-sigma criteria. LMS Imagine.Lab AMESim offers a complete 1D simulation platform to model and analyze multi-domain, intelligent systems and to predict their multi-disciplinary performance. LMS Imagine.Lab OPTIMUS is developed in collaboration with Noesis Solution, a subsidiary of LMS. Noesis Solution specializes in developing solutions for process integration and design optimization.

Through the interactive interface in LMS Imagine.Lab OPTIMUS, users can capture the different steps and parameter settings of their simulation process. Once captured, non-expert users can apply the complete process without having to worry about "what to do when". This allows a quick rerun of the process to explore multiple design alternatives.

LMS Imagine.Lab OPTIMUS automatically explores a multitude of design alternatives using design of experiment and response surface modeling techniques. The full set of local, global and multi-objective optimization methods from Noesis OPTIMUS allow users to identify the optimal design for multiple performance aspects. This avoids tedious trial and error loops while balancing optimal performance with strict quality requirements and six-sigma criteria. Dedicated methodologies for robustness and reliability engineering make sure that the optimization loop takes into account the inherent variability of the LMS Imagine.Lab AMESim design input parameters. Integrated postprocessing and data mining capabilities enable users to analyze complex phenomena with greater efficiency.

"To pro-actively engineer the functional performance of intelligent systems, manufacturers have to optimize the complex interaction between mechanical, fluids, thermal and electromechanical components and sub systems. LMS Imagine.Lab OPTIMUS supports development teams in tackling the

huge amount of design alternatives and assists them in defining the best compromise between performance and robustness,” commented Willy Bakkers, Vice-President and General Manager of the LMS CAE and Imagine Division.

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## ***Mentor Graphics New Version of Platform Express Supports IP-XACT 1.4 Specification from The SPIRIT Consortium***

18 March 2008

[Mentor Graphics Corporation](#) announced the immediate availability of a new version of Platform Express™ with full support for the IP-XACT 1.4 IP databook specification, new mixed-level RTL and ESL design capabilities, and a new portable generator format.

The IP-XACT 1.4 IP databook format, standardized by The SPIRIT Consortium, offers a universal method to describe IP for Design Reuse, and enables that IP to be automatically integrated into designs using a range of IP-XACT enabled tools. As a founding member of The SPIRIT Consortium, Mentor has been at the forefront of delivering tool capabilities and design and verification flows with the IP-XACT specification as the foundation for those capabilities.

Platform Express has expanded mixed-level RTL and ESL design capabilities that enable a new range of system level design and verification options directly relevant to system modelers, and those using transaction-based verification methodologies such as the Open Verification Methodology (OVM). This expanded capability allows design and verification teams to deploy system level modeling and verification methodologies geared toward bridging the gap between ESL and RTL centric design and validation flows.

In addition, the new version of Platform Express now supports TGI – the ‘write-once, run anywhere’ generator format of the IP-XACT 1.4 specification. Generators are the key ‘expert knowledge’ technologies that interpret the XML databooks to create real design data. TGI enables generators written in any programming language to run on every IP-XACT enabled Design Environment, giving designers an expanded range of functionality, and generator authors a bigger target market in which to deploy their work.

“With Platform Express, Mentor Graphics has shown a longstanding commitment to the pioneering effort required to make IP Reuse-based design a reality,” said Serge Leef, general manager of Mentor Graphics’ System-Level Engineering Division. “We continue to leverage our unique insight into the information in the IP-XACT data books to automate the widest range of design and verification tasks in a modular, scalable, integrated way.”

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## ***OptiTex Designs in Green***

20 March 2008

OptiTex is proof that “green” business practices and corporate fiscal responsibility are not only not mutually exclusive, but that they go hand in hand.

“We’ve established a considerable track record in proving that corporate responsibility, once thought to only pertain to the bottom line, can be completely in sync with environmental responsibility,” states Ran

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Machtinger, President and CEO of OptiTex, Ltd. “Our software promotes an ecologically-friendly approach to design while facilitating rapid ROI as well as encouraging creativity.”

OptiTex’s CAD/CAM software leverages 2D and 3D models that can be adjusted to reflect any body type, while offering practically every available fabric type in a fully-customizable virtual environment. This allows designers to create, correct and adjust compelling designs before the first piece of fabric is cut, reducing wasted fabric, machine/kilowatt use, and manpower hours. This increases speed to market, providing rapid ROI via the green advantage.

“No one can afford to turn a blind eye to environmental concerns and the various costs – ecological, human and financial - involved,” according to leading designer Zorana Kozomara. “My personal philosophy dictates that we can’t be hypocritical by using environmentally friendly fabrics, but then not even blink at the incredible waste of our usage of rolls of paper, fabric and muslin. We must be consistent in our approach to utilizing resources, and OptiTex promotes that consistency.”

“OptiTex has been particularly well received in the educational community, and our eco-friendly approach to design is particularly appealing to the next generation of creative talent,” continues Machtinger. “Leading universities and design institutes throughout the United States, South America, Europe and Asia have recognized that leaders in the textile industries have embraced our software and want to provide their students with a competitive edge.”

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## ***Proficiency Releases Collaboration Gateway™ Version 7.0—New Completion Wizard™ for CATIA V4 to CATIA V5 Migrations and Conversions***

March 17, 2008

[Proficiency](#), the leading developer of solutions that enable manufacturers and their suppliers to extract and share product knowledge from diverse engineering and manufacturing environments today introduced version 7.0 of its Collaboration Gateway™, a state-of-the-art CAD interoperability solution for the intelligent translation of data between all major CAD systems. The new version includes improved performance and reporting capabilities, 64 bit memory support, higher exchange rates based on new functionality, user enhancements for project management and new CATIA V4 to CATIA V5 functionality. Also being released is a brand new Completion Wizard™ product that interactively allows the engineer to complete and validate the final model.

The Collaboration Gateway enables the transfer of the complete product knowledge between major CAD systems which includes geometry, features, sketches, manufacturing info, metadata, assembly information and drawings in the conversion process. Simply stated it means that high quality CAD models are transferred without losing their workability or manufacturing data. Moreover, the process does not only preserve the product knowledge, but more importantly adds value by removing old issues embedded in the original model.

The new product release is available immediately worldwide and current customers can easily upgrade to Collaboration Gateway version 7.0.

Proficiency's Collaboration Gateway is used by leading organizations in automotive, aerospace/defense and heavy machinery to migrate to a new CAD system or to significantly reduce the cost and time of product design and delivery with partners. By automating a majority of the exchange of the product knowledge and providing an interactive process and methodology to complete the model, a reliable and

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accurate exchange between product development teams regardless of the CAD system being used is achieved.

"Proficiency's solutions offer manufacturers a complete solution for conversions when delivering to an OEM/partner in their required CAD format or migrations to a new CAD system. Alternative approaches of manual re-mastering have proven to be inefficient, costly and risky as our growing customer base demonstrates," said Alex Shapira, President and CEO, Proficiency. "The new capabilities in this most recent release and our new Completion Wizard product have been proven in production with leading customers to effectively handle the most complex real-life challenges encountered by their engineering teams," added Shapira.

With up to 95% of the translation handled by the Gateway the powerful complementary Completion Wizard has been developed to complete the process. It operates as a plug-in within CATIA V5, and tracks and validates any manual changes that a user makes involving portions of the model that could not be automatically exchanged with CG 7.0 due to CAD incompatibility differences. From within CATIA V5, the user is presented with detailed information about pending issues, and presented options as how to successfully complete the model.

"We at Daimler Powertrain are very pleased with Proficiency's CG V7.0 release and the new innovative Completion Wizard. As our CAD interoperability solution (CATIA V4 to V5) we have experienced major improvements in completion time of medium and complex models by as much as 50%", said Dr. Haasis, Senior Manager CoC CAD/CAM & VR. "With greater ease of use, increased quality, and robust control of the process as well as noticeable cost savings, we have a repeatable method of achieving product knowledge migration."

## **Highlights of the new release include:**

- Exchange Rate Success Improvements
- Added was the ability to exchange elements like PIPE, GPR, and SKD both in part and assembly mode.
- Support for 64 bit Memory
- Proficiency now supports 64 bit memory architectures used for models of very high complexity.
- Project Management Controls
- Also in CG V7 is a new setting to define and re-use project specific data requirements as well as allowing companies to ensure compliance with multiple exchange requirements. Efficiency is also improved by inspecting for and re-using parts within and across projects.
- Enhanced Associative Drawing Support for CATIA V4 to V5
- Added was the support for associative and non-associative views, the exchange of associative Dimensions, and support for Dittos/Symbols elements, colors and layers.
- Superior Functionality and Scope for Batch Submission
- With large scale jobs the way to submit a job has been improved to include manual or scripted submission and easy integration to OpenDXM, DDX, DEXcenter,..Etc.

Additional enhancements include:

- Sketch Report Improvements for Pro/E

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- Support for CATIA V5 R17 and NX5
- Support for Details/Dittos/Macro-primitives for V4 to NX5
- ACF Support for V5, NX to Pro/E
- Support NX4 multi-body features
- Threads for V5, UG, and Pro/E

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## ***Valor Establishes Technology Partnership with Nagoya Electric Tokyo, Japan***

18 March 2008

[Valor](#) Computerized Systems Ltd. has established a technological partnership agreement with Nagoya Electric of Japan, a major developer of advanced Automatic Inspection equipment. The strategic technology alliance will allow users of Nagoya's inspection machines to shorten their setup time by relying on the ODB++ models of the PCB and accessing a layer of data that contains an accurate representation of component geometry based on Valor's Part Library (VPL) - a repository of accurate geometric data involving more than 35 million components. ODB++ is the world's most intelligent CAD/CAM data exchange format with accuracy capability and the flexibility to expand as required.

"We are pleased to welcome Nagoya Electric as a new member of our Global Alliance Program," said David Bengal, VP Marketing and Business Development at Valor. Commenting on Valor's commitment to improve its partners' product quality, reduce costs and shorten time to market, Mr. Bengal added: "The Automatic Inspection market presents a great opportunity for Valor. We believe that this partnership will bring new added-value to Nagoya's large and loyal customer base. In addition to providing our technology partners with the tools to achieve flawless machine performance, we offer R&D support in interface buildup, advanced technical training, and deep domain expertise in special joint development projects." About Nagoya Electric Works Co., Ltd:

Nagoya Electric Works Co., Ltd is a provider of inspection equipment applying laser, camera and x-ray technologies. This product lineup focuses on high inspection capability, and is popular among industries such as the Automotive, Electronic, Automation industry and others. More information about Nagoya Denki can be found on [www.nagoya-denki.co.jp](http://www.nagoya-denki.co.jp).

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