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Acquisitions

Moldflow Corporation Announces Agreement to Sell Moldflow Manufacturing Solutions Division to Husky Injection Molding Systems Ltd

25 June 2007

[Moldflow Corporation](#) announced that it has signed an asset purchase agreement pursuant to which it will sell substantially all of the assets related to its Manufacturing Solutions division to Husky Injection Molding Systems Ltd. located in Bolton, Ontario, Canada. The sale, which is expected to be completed

during the fourth quarter of fiscal 2007, is for \$7.0 million and the assumption of certain liabilities by Husky, and is subject to certain closing conditions.

On the sale of the Manufacturing Solutions division, Roland Thomas, Moldflow's President and CEO, said "We are pleased to announce the agreement between Husky and Moldflow. When we announced that the company was holding the Manufacturing Solutions division for sale, it was our intention to find a buyer with a suitable infrastructure to sell and support our Manufacturing Solutions products globally. Both Moldflow and Husky share a common belief regarding the importance of providing products and services that link the product design and manufacturing processes. We believe that Husky is the right company to provide products that fit that common vision, as well as provide the high level of service and support that Moldflow's customers have come to expect."

"This acquisition brings to Husky an experienced team, a wealth of technology expertise and a highly complementary set of innovative products. As a result, we will offer our customers greater value and continue growing this strategic area of our business," said Keith Carlton, Husky's Vice President of Hot Runners and Molds.

Under the agreement, Husky will acquire substantially all of the assets of the Manufacturing Solutions division, including the Altanium®, Shotscope® and Celltrack™ product lines. The Moldflow Plastics Xpert® (MPX®) software product will be retained by Moldflow.

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Company News

Accept Software Appoints Bryan Plug President and Chief Executive Officer

26 June 2007

[Accept Software](#) announced Bryan Plug has been appointed President and Chief Executive Officer. Mr. Plug will also join the company's board of directors. A seasoned technology executive, Mr. Plug is committed to driving Accept's next stage of growth and developing and executing strategies that enable the company's customers to innovate and gain competitive advantage.

Mr. Plug has extensive executive management experience leading several successful companies in the information technology industry. His career includes positions as the Chief Executive and President at market leading companies that have delivered significant strategic business value to customers including Kintana, acquired by Mercury Interactive, SMART Technologies, acquired by i2 Technologies, and SAP.

"I am very pleased to be joining Accept Software at such an exciting time in the industry's and the company's evolution," said Bryan Plug, Accept president and CEO. "Accept is laser-focused on enabling our customers to gain competitive advantage by harnessing innovation and delivering the right products, to the right markets at the right time."

James Davies, who has held the top post for the past 3 years, continues with the company as Chief Innovation Officer and remains a member of the board. Over the past 3 years, Davies has been the

driving force behind the company's early stage growth. Through his knowledge and experience in product planning and innovation management, he has established the company as a market leader.

"As Accept continues to grow and pioneer the product planning marketplace, it is essential we have the best talent and expertise to build a world-class operation." said Ian Locke, managing general partner of Jefferson Partners. "Bryan Plug is well respected in the industry and has the vision, the track-record of success, and the experience to take the company to the next level."

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Autodesk Announces Inventor Student Design Contest Winner Michael Piersa as Inventor of the Month for June 2007

29 June 2007

Autodesk, Inc. announced that a team of students lead by college student Michael Piersa who designed a "Wheelchair for the 21st Century," have been named as Autodesk Inventor of the Month for June 2007. The Inventor of the Month program (<http://www.autodesk.com/inventorofthemonth>) recognizes the most innovative design and engineering advancements made by the extensive community using Autodesk Inventor software, the foundation for Digital Prototyping.

A fourth-year student at the Warsaw University of Technology in Poland, Piersa and his team of fellow students -- Milosz Jamrozy; Bogusz Radziemski; Igor Modelski; Kamil Ruszczyk and Rafal Krzysiak -- from the Faculty of Mechatronics department developed the "Wheelchair for the 21st Century" using Inventor and submitted the design to the Autodesk Inventor Student Design Contest, where it was selected as the grand-prize winner. The team of students is part of the Biomedical Equipment Students' Scientific Association at the university. Committed to modernizing existing biomedical devices as well as designing and constructing new equipment, the team recently submitted two patent requests to the Polish Patent Department.

Autodesk launched the Inventor Student Design Contest through the Student Engineering and Design Community (<http://www.students.autodesk.com/>) in January 2007, furthering its ongoing commitment to education by encouraging students to enter their innovative 3D designs created with Inventor software. The judges critiqued the entries based on their broad use of Inventor capabilities, innovation and overall aesthetic appeal. The winning "Wheelchair for the 21st Century" concept design represents a significant improvement over many current wheelchairs. Thanks to the employment of a gyroscope mounted underneath the seat, the wheelchair maintains a vertical position without using its auxiliary wheels. Additionally, the innovative frame design and transmission create a new level of stability and maneuverability. The result is an attractive wheelchair that can easily be controlled by the user.

"We wanted to completely rethink traditional wheelchair design and create a new level of functionality," said Piersa. "With Inventor, we were able to fully explore our ideas and focus on the specific problems we were trying to solve rather than spending time solely on the 3D geometry required to build the design."

Using Inventor allowed Piersa to create an accurate digital prototype of the wheelchair and confirm that the scores of moving parts all worked together seamlessly before building it. Additionally, specialized functionality for tube design reduced the amount of time required to create the wheelchair's tubes and welded connections. Finally, Autodesk Inventor Studio allowed the creation of high-quality, photorealistic renderings and animations within the Inventor design environment -- helping present

intuitive renderings of design ideas throughout the process and the ability to communicate the team's design intent.

"With the 'Wheelchair for the 21st Century,' Michael Piersa and his team have brought a fresh perspective to a device that has been in use for centuries," said Robert "Buzz" Kross, senior vice president of Autodesk Manufacturing Solutions. "Their ground-breaking wheelchair concept design could positively impact millions of people and we are proud of the way Inventor has helped the team to experience their ideas before they are built."

Each month, Autodesk selects an Inventor of the Month from the more than 600,000 users of Autodesk Inventor software, the foundation for Digital Prototyping. Winners are chosen for engineering excellence and groundbreaking innovation. For more information on Autodesk Inventor of the Month, contact us at IOM@autodesk.com.

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Autodesk Student Engineering and Design Community Now Available for Middle- and High-School Students and Teachers; Enhanced Online Portal Provides Free STEM Education Resources, Allowing Teachers to Inspire the Next Generation of Engineers, Architects and Designers

25 June 2007

Autodesk, Inc. announced at the National Educational Computing Conference (NECC) the launch of its new online community designed to enhance middle- and high-school student learning in science, technology, engineering and math (STEM).

"Autodesk created this community to support a number of STEM initiatives happening throughout the country, such as Project Lead the Way and FIRST Robotics," said Paul Mailhot, senior director of worldwide education programs at Autodesk. "We hope teachers will take advantage of resources on the community site to help them integrate relevant and engaging projects in the classroom. And we hope that students who explore the site will realize how exciting design and engineering can be."

Teachers who join the Autodesk Student Engineering and Design Community get access to popular 2D and 3D design software and teaching and learning resources that will enable them to become familiar with new design technology and incorporate project-based learning into the classroom. Teacher members also have the opportunity to share coursework and discuss projects and best practices with peers to find the best ways to inspire their students.

Middle- and high-school students who join the community will benefit from access to the same 3D design software used by industry professionals, and gain general exposure to the fields of architecture, construction, mechanical engineering, industrial design, civil engineering, animation and gaming. In addition to free(a) student versions of Autodesk software, the community provides students with tutorials for these applications, a "getting started" area and information about design-related college and career paths.

CIMdata PLM Industry Summary

The new secondary community is a natural extension of the Autodesk Student Engineering and Design Community for post-secondary educators and students, which won a CODiE award from the Software and Information Industry Association. More than 95,000 members from 82 countries have taken advantage of free product downloads and learning tools on the community since the site launched in September 2006. Autodesk received requests for a similar community from middle- and high-school teachers for their younger students, who have showed enthusiasm in learning about the world of design.

“My students have been asking me for access to the Autodesk student community since it launched last September,” said Jeremie Meyer, an engineering teacher at Preble High School in Green Bay, Wisconsin. “Kids want to know what to expect in college, but they are also very interested in what’s happening in the professional world. This community is a terrific resource for them.”

Autodesk understands that it takes more than integrating technology into the classroom to engage and motivate students to learn challenging STEM concepts. A recent study by the U.S. Department of Education on the effectiveness of technology in the classroom proved that teachers need adequate training and support in order to effectively use technology to improve student performance. The Autodesk Student Engineering and Design Community provides much-needed assistance for middle- and high-school teachers looking to learn design software by providing step-by-step tutorials that teachers can access from any computer with an internet connection.

“Teachers’ jobs are hard enough without having to learn new technology, which can be intimidating,” said Mailhot. “Autodesk hopes this community will develop into a support network for teachers, where they can explore resource materials and connect with peers to share teaching tips, such as how to keep kids motivated and engaged in the classroom. We also designed the site to make learning new software less challenging, so teachers can focus on what really counts in the classroom—teaching.”

The Autodesk Student Engineering and Design Community supports a number of education initiatives created to help educators prepare the next generation of engineering and design talent. One of these programs is Project Lead the Way (PLTW), a national pre-engineering program that offers pre-engineering and science curricula for middle- and high-school students. Autodesk has partnered with PLTW to increase the quantity, quality and diversity of engineers and engineering technologists graduating from the U.S. educational system. In the 2006-2007 school year, more than 175,000 middle- and high-school students were enrolled in PLTW courses at more than 2,000 schools throughout the United States.

"Both Project Lead the Way and Autodesk are committed to preparing the nation's future technical workforce through better STEM education," said Niel Tebbano, vice president, PLTW. "Our partnership offers a powerful instructional dynamic that benefits students and educators, and we are pleased that the new Autodesk community will further support our mission."

To sign up for this new community, participants can register online with a school-issued e-mail address. Students without a school-issued e-mail address can still access the community by asking one of their school’s faculty members to join. The faculty member can then authorize access for participating students without a school-issued e-mail address. Middle- and high-school teachers and students can register now at <http://www.autodesk.com/school>.

As an exhibitor at this year's NECC, Autodesk will demonstrate the new online community June 25 – 27, at booth 2616 in the Georgia World Congress Center in Atlanta. Teachers and school administrators in attendance will have the opportunity to join the new community.

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

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AVEVA Announces a New Leader for The Americas

28 June 2007

AVEVA announced that industry veteran Rob Glasier has been promoted to Executive Vice President effective July 2, 2007, and will serve as the Head of The Americas for AVEVA; where he will be responsible for all of AVEVA's software and services business across all the Process, Power, Marine and related industries in the Americas region.

Headquartered in Houston, Texas, AVEVA's Americas' region provides sales, administration, training, and technical support services throughout the United States, Canada, and Central and South America. In addition to Houston, [AVEVA](#) also has a large facility in Wilmington, Delaware; corporate entities and offices in Canada and Mexico; and business partners and local offices throughout the rest of Latin America.

Prior to this appointment, Rob has been responsible for AVEVA Americas' Marine business for the shipbuilding and offshore industry, as well as its asset and information lifecycle management business. Prior to AVEVA, Rob was Head of Business Development, and an Owner of RealityWave Inc., which was acquired by AVEVA, and whose technology is a component of AVEVA's NET Portal, VNET. Rob has extensive experience in sales, marketing, development, and senior management. He was with Intergraph Corporation for many years, running Intergraph's Process, Power, and Building Solutions (PDS) Division; Intergraph's Shipbuilding Division; the Information Management Systems Group; and the Mechanical Design and Manufacturing Division. Rob was also vice president of Corporate Marketing for Intergraph. Before joining Intergraph, Rob was Sales Manager, and then Product Manager for Unigraphics. He also worked at General Motors and Boeing, among other corporations. Rob holds a BSME (summa cum laude), and is a member of several trade and industry associations. He is past Chairman of the National Computer Graphics Association; and was inducted into the Computer Graphics Pioneers of SIGGRAPH, being considered one of the founders of the computer graphics industry.

"I am excited and enthused about being chosen to lead AVEVA Americas at this dynamic time in our company and industry," said Glasier. "AVEVA has a product line second to none, the greatest company team members that I have worked with, a superb customer base, and we are serving the most dynamic and challenging industries the world has ever known."

"We are really pleased to have Rob assume the leadership of AVEVA Americas," commented Richard Longdon, CEO of AVEVA Group plc. "Rob has a proven track record of success, and strong leadership capabilities that will be crucial for the continued growth of AVEVA in The Americas."

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CEI's EnSight Visualization Suite to Be Distributed by Beijing Vision Strategy Technology in China

28 June 2007

Computational Engineering International (CEI) announced that the Chinese firm Beijing Vision Strategy Technology Ltd. will distribute all of the American developer's visualization software throughout China. Best-known for its EnSight software, CEI produces a full range of software applications for the scientific and engineering community covering all aspects of simulation, including meshing, plotting, process workflow, animation, and visualization.

"We're pleased to partner with Beijing Vision Strategy Technology," said Darin McKinnis, CEI's vice president of marketing and sales. "Their understanding of the local market and strong technological expertise will serve us well as we continue to build our presence in China."

Beijing Vision Strategy Technology provides solutions for computer-aided engineering (CAE), virtual reality, and high-performance computing, and is a leading distributor of top CFD applications. Among its recent achievements, the company recently implemented China's largest and most sophisticated virtual reality system.

"We are really excited to have the honor of distributing CEI's products in China," said Jack Zheng, president and CEO of Beijing Vision Strategy Technology. CEI's pioneering products are ideal for our CAE customers, and we see this as a true win-win partnership."

For more information about CEI or any of its software, visit <http://www.ensight.com/>. To visit Beijing Vision Strategy Technology online, go to <http://www.visionstrategy.com.cn/>.

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MSC.Software's Chief Technology Officer Featured as New York Times Recognizes Value of Simulation

26 June 2007

MSC.Software Corporation announced that The New York Times featured Dr. Reza Sadeghi, MSC.Software's Chief Technology Officer as the sole simulation solution company quoted in their June 17, 2007 article "Crashing Cars When They're Still a Gleam in the Designer's Eye."

The New York Times article focuses on the time-to-market and right-to-market challenges that auto manufacturers face, most specifically with rising fuel prices and the trend to smaller car designs. The article recognizes the tremendous role that simulation software plays in helping manufacturers meet these challenges in saying "Automakers are willing to invest in this technology to bring products to market more quickly."

"We are excited to see the role that simulation plays in crucial manufacturing decisions highlighted by such an important publication," said Bill Weyand, Chief Executive Officer, MSC.Software.

"MSC.Software has long been recognized as the leader in simulation and more recently, the pioneers in enterprise simulation solutions. We are always proud to see one of our team members called upon for their expertise and rich history in the virtual product development space."

To read the article in its entirety, please visit: <http://www.mssoftware.com/press/pdf/NYTArticle.pdf>.
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Proficiency Names Cecil Lewis as Vice President North America Sales Operations

26 June 2007

[Proficiency, Inc.](#) announced that it has appointed Cecil Lewis as the new VP of North America Sales Operations. Lewis's appointment accelerates Proficiency's efforts to capitalize on opportunities that have been created through the emergence and growth of Proficiency's Product Knowledge Integration solutions.

"Proficiency's recognized expertise and proven technology in transferring intelligent CAD data with the complete product knowledge, not just CAD geometry, combined with the increased industry need for such a solution played a key role in my decision to join the Proficiency team" said Cecil Lewis. "With my industry experience, product understanding and Proficiency's unparalleled solutions, I am excited about the growth potential for Proficiency in North America and look forward to the challenges ahead."

Lewis is charged with expanding the North American sales, service and support teams to meet Proficiency's aggressive growth goals.

"I'm excited about the future opportunities for Proficiency as we continue to attract key members from the industry," said Proficiency's CEO, Alex Shapira. "Proficiency's recognized competitive advantages and new market opportunities encourage us to invest in the North American operation to gain market reach with our proven, market-leading solutions."

Mr. Lewis has over 18 years of domain experience in which he has successfully executed the augmentation of revenue and market presence for the various companies he has served. Most recently he held the position of General Manager of Sales Operations for Elysium Inc. and prior to that, he was the Director of Business Development for Automotive at Translation Technologies, Director National Sales Operations at VisualEdge Technology, General Manager at C4 Engineering Technology Group and Corporate Manager Sales and Marketing for CAD ONE, Inc.

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Rene Bonvanie Joins Serena Software Management Team; Appointment Signals Serena's Move Into a New Era of Application Lifecycle Management Including Software-as-a-Service and Enterprise Mashups

25 June 2007

CIMdata PLM Industry Summary

[Serena Software, Inc.](#) announced the appointment of Rene Bonvanie as senior vice president of worldwide marketing, partner programs and online services. Bonvanie will report to Serena president and CEO Jeremy Burton.

Bonvanie's responsibilities will include developing business and marketing strategies to consolidate Serena's position as the leader in ALM and capitalize on future trends in application development, such as Service-Oriented Architecture (SOA), Web services, and Software-as-a-Service (SaaS). He will also lead Serena's efforts to develop partner relationships and go-to-market activities for new products and services.

"I've had the pleasure of knowing and working with Rene over the last 10 years and he has distinguished himself as a black belt in the art of execution," said Burton. "In addition to Rene's domain expertise in application development, his experience in building an online business will be essential in taking Serena to the next level. We see a revolution in application development taking place over the next few years as power shifts from IT to business units – SOA, SaaS and Serena will be at the center of this change."

"Serena sees a tremendous market opportunity ahead in composite applications and enterprise mashups," said Bonvanie. "Serena has game-changing technology in this space due later this year that will empower a new class of business developers. This will dramatically reduce the application backlog that centralized enterprise IT organizations suffer today and deliver greater value to the business."

At its 14th annual global user conference, Serena will introduce new products and services that will enable the development of new applications and enterprise mashups to be deployed on premise or via the Internet. Serena xChange will be held September 9 – 12 in Chicago. Interested parties can register at <https://secure.esg.us/serena/xchange2007/register.php>.

Bonvanie brings to Serena nearly 25 years of executive management and marketing experience in the enterprise software industry. Most recently, Bonvanie served as senior vice president and general manager of AppExchange and Developer Relations at salesforce.com. Prior to that, Bonvanie served as senior vice president of global marketing at SAP, chief marketing officer at Business Objects, senior vice president of worldwide marketing at VERITAS Software Corporation, vice president of product marketing at Oracle Corporation, and senior sales and marketing positions at Ingres.

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Rose-Hulman Institute of Technology Students Win Challenge X "Crossover to Model-Based Design" Award from The MathWorks

29 June 2007

[The MathWorks](#)[™] announced it has awarded a team of engineering students from Rose-Hulman Institute of Technology with The MathWorks "Crossover to Model-Based Design" Award at Challenge X, the four-year student engineering competition sponsored by General Motors Corporation (GM) and the U.S. Department of Energy (DOE).

The award was given to the team that best applied [Model-Based Design](#) using [MATLAB](#)[®] and [Simulink](#)[®] to reengineer a 2005 Chevrolet Equinox for better fuel-efficiency. The Ohio State University, last year's award winner, achieved second place in this year's competition, while the University of Waterloo received third place.

“Rose-Hulman set the standard by systematically applying Model-Based Design to the entire vehicle development process,” said Paul Smith, director of North American consulting services at The MathWorks. “They mastered the use of models to verify and validate through each incremental step in the development process, and ensured that the final design met the vehicle requirements.”

“Our team found that Model-Based Design using Simulink is so valuable that we have been teaching the process to all of our team members,” said Ben Ciavola, a senior mechanical engineering student on the Rose-Hulman team. “This way, anyone who so much as turns a wrench on our car knows how to approach the vehicle from a controls and modeling standpoint. Everyone can speak the same language when diagnosing problems in our vehicle.”

Out of over 100 applicants, 17 teams were chosen to participate in the elite competition that challenges top engineering students from the United States and Canada to reengineer a Chevy Equinox, a crossover sport utility vehicle. This is the third year of Challenge X, during which students refined their advanced technology vehicles with the goal of delivering a showroom-ready vehicle that meets consumer requirements for performance, safety, and aesthetics. In this year's segment, which took place at GM's Milford Proving Ground in Michigan from May 30-June 7, teams were evaluated in their ability to optimize the vehicle's utility, reduce energy consumption, and decrease emissions.

The MathWorks, which offers software and support for all the participating teams, has sponsored the competition since its inception in 2004. By providing Challenge X teams with these technologies, The MathWorks is preparing hundreds of highly skilled engineering students to lead the automotive industry using Model-Based Design.

The other teams participating in the 2007 challenge include: Michigan Technological University; Mississippi State University; Pennsylvania State University; San Diego State University; University of Akron; University of California, Davis; Texas Tech University; University of Michigan; University of Texas at Austin; University of Tennessee, Knoxville; University of Tulsa; University of Wisconsin – Madison; Virginia Tech; and West Virginia University.

Additional information about Challenge X is available online at www.challengex.org.

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Events News

Delcam to Show Latest CAM Developments in Japan

25 June 2007

Delcam will demonstrate the latest developments in all four of its CAM product ranges, PowerMILL, FeatureCAM, PartMaker and ArtCAM, at the [DMS](#) show that takes place at the Tokyo Big Sight from 27th to 29th June.

Of most interest to visitors will be the latest version of Delcam's feature-based machining software FeatureCAM, which includes support for continuous five-axis machining for the first time. Other enhancements include more efficient turning through better and easier control of stock remaining, and an improved tool database with more options to link pre-defined feeds and speeds to individual tools. The new release also features numerous smaller enhancements and speed-ups, plus new and updated post-processors, in particular for turn-mill equipment, including the Mazak Integrex, Daewoo Puma and Nakamura-Tome machines.

Visitors will also be able to see the first preview of the forthcoming version of Delcam's PowerMILL CAM software. Like other recent releases of the software, a major focus of PowerMILL 8 will be additional options for five-axis machining. However, the new version will also include enhancements and speed-ups throughout the program. In particular, improved memory management within the software will give significantly faster calculation times, especially for large, complex components, like press tools for automotive bodywork, and for smaller, highly-detailed models, such as moulds for fine-tolerance and high-accuracy parts.

The new version of the PartMaker range of software for Turn-Mills and Swiss-type lathes will also be shown in Japan for the first time. PartMaker pioneered the use of CAM for these types of machine with its patented Visual Programming Approach for multi-axis lathes with live tooling. The software provides substantial gains in efficiency with its unique "divide and conquer" approach to programming complex parts and also boosts machine productivity with its ability to synchronise multiple operations. Version 8 features a wide range of improved functionality, including the introduction of the PartMaker Full Machine Simulation module which allows the user to view the complete machining sequence on a photo-realistic 3D model of the machine.

Also on display in Japan for the first time will be the new ArtCAM family of artistic CAD/CAM software. The new range comprises four key products; a new entry-level version to be called ArtCAM Express, plus enhanced releases of the ArtCAM Insignia, ArtCAM Pro and ArtCAM JewelSmith programs. Like the previous ArtCAM range, the new family of software is aimed at skilled artisans rather than engineers and requires little knowledge of engineering or computing. The major change from that range is that all of the programs will be able to import and machine 3D models.

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Financial News

Arena Solutions Announces 61 Percent Jump in Sales to New Customers in First Quarter 2007

28 June 2007

[Arena Solutions](#) announced a 61 percent year-over-year jump in purchases from new customers in its first quarter, ending March 31, 2007.

Companies select Arena PLM for its ability to help them manage their manufacturing outsourcing and supplier relationships while avoiding the high costs, complexities and limitations associated with traditional client/server PLM applications. The modern web-based architecture of Arena PLM enables customers to deploy the solution faster, easier and at a lower cost than traditional client/server applications, and as a result, see an instant return on their investment. Deployments during Q1 2007 took a matter of weeks from purchase date to go-live, compared to the months -- even years -- required for deployments of traditional systems. The quarter was active with new adoptions of the on-demand solution, with a new customer going live on Arena PLM every three business days.

Arena also continues to attract customers who are on the cutting-edge of their specialized fields. This quarter, Arena PLM further expanded its footprint in the medical device industry, with a record number of manufacturers choosing Arena PLM to make it easier to adhere to strict regulatory standards and maintain tight control over their product record while moving swiftly to push the envelope with the development of their innovative products.

Other significant highlights of Q1 2007:

The Winter '07 release of Arena PLM went live mid-quarter and delivered new project collaboration functionality.

Since publicly announcing a 99.5% guaranteed service level agreement (SLA) for Arena PLM, Arena surpassed its SLA for the fourth consecutive quarter. In Q1 2007, the company maintained 100% availability for Arena PLM.

"The positive results in the first quarter of 2007 were fueled by several factors: a strong product that continually expands to address our customers' most pressing issues, growing demand for PLM -- particularly on-demand PLM -- and a consistent positive experience and return on investment for customers from our easy to use, easy to deploy PLM solution," said Topolovac. "We continue to win market share as manufacturers join the movement toward employing a PLM system that helps them better control their manufacturing process. In comparing the benefits associated with on-demand, they regularly choose Arena PLM over dated client/server architecture."

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The Future is Bright for Actify

27 June 2007

[Actify Inc.](#) announced the conclusion of a successful round of additional funding from both new and existing investors. This milestone comes as a result of having two consecutive quarters of record breaking revenue bookings, a first in the company's 10-year history.

“This kind of achievement is truly amazing for us and a testament that the direction we have chosen for the company to go in is the right one,” said David Opsahl, CEO of Actify. “Everyone, from our internal team to our world-wide resellers, has contributed and is the reason for this success. We could not have done it without them. With this additional funding we plan to drive aggressively forward to build on the amazing success we have seen around the DesignShare product line.”

The excellent financial figures have given investors the confidence to conclude a funding round that will allow Actify to further invest in their Engineering and Research & Development departments in order to expedite meeting the needs of their customers. It is their intent to open a new development facility in Hyderabad, India that will develop new, innovative functionalities to help increase the value of the Actify Suite of Products for existing and future customers. The first results of these efforts, in both SpinFire and DesignShare, should be available later this year.

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Implementation Investments

Aegis Software System Selected by Bristol-Myers Squibb to Enhance Company's Manufacturing Process Development

28 June 2007

[Aegis Analytical Corporation](#), a leading provider of manufacturing performance management software and services utilized by major life sciences companies, announced that Bristol-Myers Squibb Company selected Aegis' Discoverant® software to achieve greater process understanding and control during process development for new products.

Through its Process Analytical Technologies (PAT) and Quality by Design (QbD) initiatives, the Food and Drug Administration (FDA) has created a regulatory framework that encourages the use of innovative technology to deepen manufacturing process understanding. During process development and in commercial manufacturing processes, Discoverant can help companies reduce process variability, improve yields and reduce batch failures.

Bristol-Myers Squibb noted that Discoverant fits well into the company's strategy for implementing PAT and QbD. In addition, enhancing data analysis capabilities during manufacturing process development for a new drug will help Bristol-Myers Squibb meet regulatory expectations that are critical to the approval and launch of new products.

Aegis' technology platform and application set provide a collaborative root cause analysis and decision-making environment to improve operational efficiencies and accelerate time to value by understanding the sources of variability and achieving overall process predictability. Discoverant provides users with interactive access to all types of process development and manufacturing data that is integrated with powerful analysis, trending and reporting capabilities.

“Companies like Bristol-Myers Squibb who are leaders in leveraging PAT and QbD can use Discoverant to gain process understanding and reduce product variability – resulting in both regulatory and business benefits,” said Robert Di Scipio, Aegis president and CEO.

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AES Moldes Purchases Moldflow Plastics Advisers Software; Growing Tooling and Engineering Solutions Provider to Offer Enhanced Services

22 June 2007

[Moldflow Corporation](#) announced that [AES Moldes Lda.](#), a growing mold tooling and engineering solutions provider based in Marinha Grande, Portugal, recently invested in Moldflow Plastics Advisers® (MPA®) products. The investment allows AES to expand their service offerings to include mold validation through the use of simulation and adds to their experience in mold design engineering and injection molding processing. MPA products allow Moldflow customers to predict and avoid injection molding manufacturing problems in the earliest stages of product development, when the cost of change is lowest and the impact on manufacturability is highest.

AES purchased 3 MPA modules - Mold Adviser, Performance Adviser and the Cooling Circuit Adviser – which together will allow AES to validate and optimize part geometry, make mold design decisions such as to determine the best injection locations, analyze mold filling characteristics to predict potential problems and evaluate alternative solutions, as well as design and optimize mold cooling circuits.

Jocelyne Marinaro, Moldflow’s Sales Director for Western Europe explains, “We view AES Moldes’ investment in Moldflow as a beneficial move for both companies. AES can now predict and solve potential manufacturing problems early in product development, thereby saving their customers considerable time and money.” She continued, “For Moldflow, it further validates our position as the leading provider of injection molding simulation software in a growing region for us, and we look forward to supporting AES Moldes.”

M. Rui Marques, President of AES Moldes, explains, “With MPA, we can combine our experience and knowledge of tool building with the verification capability of Moldflow.” He continued, “Ultimately, our customers will be able to better understand the tooling and injection molding process before the mold is built and we will be able to minimize the qualification time and improve product quality.”

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Alenia Aeronautica Selects VISTAGY’s FiberSIM® Software for Composites Design on Boeing 787 Dreamliner Program

25 June 2007

[VISTAGY, Inc.](#) announced that Alenia Aeronautica, the largest Italian aerospace manufacturer, is utilizing VISTAGY's FiberSIM® software as its specialized composites design tool on the Boeing 787 Dreamliner program. The company is streamlining its entire product development process using FiberSIM to more quickly and efficiently manufacture large, complex composite aircraft parts.

Alenia Aeronautica, a Finmeccanica company, has more than ninety years of experience in the aerospace sector. The company operates worldwide in the development of commercial and military aircraft, unmanned aerial vehicles and aerostructures, and is also active in the overhaul, maintenance and modification of military and civil aircraft.

Alenia engineers have utilized FiberSIM's Advanced Composite Engineering Environment™ (ACEE) to more efficiently and flexibly define composite parts within existing CAD systems while automating many of the repetitive design, simulation and manufacturing tasks unique to working with composites. As a result, the company expects to shorten design cycle times and mitigate the potential for manufacturing errors while increasing its focus on design innovation, part performance and quality to meet all critical part specifications.

Engineers plan to leverage all FiberSIM ACEE features for their aircraft projects, including structural-based design tools for specifying laminate requirements, tools for generating zone transitions, ply boundaries, plybooks and variable offset surfaces, and smart darting and splicing capabilities—all critical aspects of the design and manufacturing processes for composite aircraft part production.

“Alenia Aeronautica consistently meets its customers’ demands for reducing product development cycle times, and with VISTAGY’s FiberSIM, we expect to realize our engineering goals more quickly and efficiently than ever before,” said Fabrizio Damiano, manufacturing engineer at Alenia Aeronautica. “By sharing critical design information across the engineering chain, and automating our process from design and modeling through production, Alenia engineers can spend more time creating innovative products while minimizing material waste and trial and error. We’re pleased to partner with VISTAGY and recognize the purchase of FiberSIM as a strategic and competitive advantage for our organization.”

“In the increasingly competitive aerospace industry, manufacturers must achieve ‘time-to-part’ quicker than their competitors and ensure absolute quality and compliance with product specifications. FiberSIM takes the guesswork out of meeting these goals,” said Alex Edwards, general manager, Europe at VISTAGY, Inc. “Leading manufacturers like Alenia Aeronautica are using FiberSIM as their specialized design environment for composite engineering to significantly improve their CAD-based product development process while reducing the inherent risks in designing innovative new products.”

About Alenia Aeronautica

Alenia Aeronautica, a Finmeccanica Company, is the largest Italian aeronautic player, which operates worldwide in the commercial and military aviation, unmanned aerial vehicles and aerostructures industries. Alenia Aeronautica also coordinates the activities of Alenia Aermacchi and Alenia Aeronavali—wholly owned companies—respectively active in the design and manufacturing of military trainer aircraft and in the overhaul, maintenance and modification of military and civil aircraft. With its

joint venture ATR, Alenia Aeronautica is the world leader in the regional turboprop market. Over 2006 Alenia Aeronautica reported revenues of 1,908 millions Euro, backlog for 7,538 millions Euro and orders for 2,634. The total workforce is 12,135.

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Atheros Tapes Out Industry's Highest Performance 802.11n Solution with Cadence Encounter Timing System and Encounter RTL Compiler

26 June 2007

Cadence Design Systems, Inc. announced that Atheros Communications, Inc. used the Cadence® Encounter® Timing System for power signoff and Encounter RTL Compiler with global synthesis and physical layout estimation (PLE), to design the new Atheros AR9001 series of 802.11n chipsets. The AR9001 offers Atheros customers a wide range of price, performance and form factors, enabling fast penetration of the growing 802.11n market.

The Encounter Timing System is a complete and integrated electrical signoff environment for faster optimization, debug and final verification for timing and signal integrity with power—a key requirement for Atheros and other leading design companies. With the Encounter Timing System, Atheros' engineers were able to gain time to market and achieve significantly increased productivity from having a common electrical view of their design throughout the flow, and a debug environment for rapid diagnosis of multi-dimensional and interdependent timing-closure issues. The same signoff-quality analysis is also used throughout their entire Cadence SoC Encounter™ RTL-to-GDSII system, thereby preventing unnecessary front-to-back iterations to reconcile timing mismatches, and enabling fast design closure.

Time to market is extremely critical for wireless consumer chips and the AR9001 made it more challenging with its increased integration and performance targets. The consistency of timing and signal integrity views, from implementation through final Encounter Timing System signoff, significantly accelerated the AR9001 design closure, and enabled Atheros to meet an aggressive tapeout schedule.

"Encounter Timing System is an integral part of the tapeout success of our AR9001 system-on-chip solution, which combines a wireless network processor and a BB/MAC in a single Wi-Fi chip," said Steve Padnos, Methodology Architect at Atheros. "Encounter Timing System in conjunction with Cadence Encounter RTL Compiler with global synthesis and physical layout estimation helped us achieve the industry's highest performance, dual-concurrent router design setting a new 802.11n performance benchmark. The performance of Encounter Timing System and the ease-of-migration made our adoption very easy. "

"With the [Cadence](#) Encounter Timing System, Atheros enhanced the development process of their latest AR9001 802.11n networking solutions," said Eric Filseth, corporate vice president, IC Digital Marketing at Cadence. "As this case shows, Encounter Timing System enables companies such as Atheros and their customers to realize significant benefits and savings through productivity and quality gains, as well as improvements to design optimization and overall project time."

Encounter Timing System and Encounter RTL Compiler are components of Cadence Encounter digital IC design platform and Cadence Logic Design Team Solution. Encounter Timing System is available in L and XL offerings; Encounter® RTL Compiler is available in L, XL, and GXL.

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Brunet Saunier Receives Revit BIM Experience Award for Sustainable, Large-Scale Hospital Designs

27 June 2007

[Autodesk, Inc.](#) announced that Brunet Saunier Architecture has received a Revit BIM Experience Award for their use of Revit Architecture software on several, large-scale hospital projects. One of France's most prestigious architectural studios, Brunet Saunier uses Revit Architecture for informed decision-making -- including early validation of financial viability -- and improved design coordination, as well as to incorporate elements of sustainable design. The Revit BIM Experience Award honors firms for their innovation and excellence in implementing the Revit platform for building information modeling (BIM) to create quality, complex designs and collaborate across the building design disciplines.

"We commend Brunet Saunier's use of Revit Architecture to create hospital designs that are environmentally responsible," said Jay Bhatt, senior vice president, Autodesk AEC Solutions. "Autodesk is committed to furthering the practice of sustainable design, and recognizing innovative, environmentally responsible firms such as Brunet Saunier that use building information modeling to create greener buildings."

Founded in 1981, Brunet Saunier Architecture specializes in large healthcare projects and cultural and academic facilities. The firm was recently selected for a design commission at 10 major hospitals in France and Switzerland, including five 70,000-square-meter projects in Toulon, Lagny, Geneva, Belfort and Nantes. An Autodesk customer for more than 10 years, Brunet Saunier adopted Revit Architecture in 2005 and was one of the first architectural firms in France to implement BIM. The firm has used Revit Architecture to support its pioneering "Monospace" approach to hospital design, which maximizes flexibility in use and location of spaces throughout the design process.

Currently, Brunet Saunier is utilizing Revit Architecture on the Belfort Montbeliard Hospital in Belfort, France. The 65,000 square meter, 612-bed hospital project has 10 operating rooms, 10 radiology rooms and four obstetric suites. As the design for the various hospital departments evolved, Revit Architecture provided Brunet Saunier with the flexibility to easily make changes to the designs at all stages through to the delivery of the finalized designs. With the single building information model created in Revit Architecture, the design team has been able to easily collaborate while working separately in individual worksets created for each individual hospital function: one workset for the building structure, another for the core, and two others for the exterior facades and internal courtyards. Revit Architecture has allowed Brunet Saunier to maintain a comprehensive, coherent understanding of the project as a whole, while also controlling each individual departmental area.

"Moving to BIM has given our architects a comprehensive and cohesive understanding of each project and has helped provide the creativity and innovation needed to produce sustainable designs," said Jacques Levy- Bencheton, Brunet Saunier Architecture. "Revit Architecture is providing us with the organization and collaboration tools needed to create designs more efficiently, which has given us an excellent competitive advantage over other firms."

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Chengdu Aircraft Selects VISTAGY's FiberSIM® as Foundation for World-class Composites Design and Manufacturing Process

28 June 2007

VISTAGY, Inc. announced a partnership with Chengdu Aircraft Industrial (Group) Co. Ltd., a leading Chinese supplier to the global aviation industry, to create a world-class 3D model-based composite aircraft design and manufacturing process based on VISTAGY's [FiberSIM®](#) software. This process establishes Chengdu Aircraft as a leader in delivering aerospace structures made of advanced composite materials. FiberSIM will be Chengdu Aircraft's software solution for all future composite part development programs.

"During extensive evaluation and testing, VISTAGY's FiberSIM delivered impressive results such as design cycle reductions of 60 percent and a significant reduction in total development time," said Youyi Wen, director of composites department, Chengdu Aircraft Industrial Group. "FiberSIM is used for conceptual and detailed design, not just manufacturing design, and has excelled at every composites development challenge. Its flexible and open 3D engineering environment makes it the perfect foundation for our innovative composites development process, and gives Chengdu Aircraft a formidable edge in the aerospace industry."

Chengdu Aircraft utilizes FiberSIM's comprehensive set of tools to develop composite aircraft products and parts, such as wing skins and rudders for commercial airliners, from early conceptual design through product delivery. A composites engineering process includes many unique methodologies, such as ply-based design, fiber placement and tape laying, that are unlike any other product development process. FiberSIM supports all composite methodologies and processes, and provides the industry's most complete platform for sharing design data across existing applications and downstream processes. From structural-based design to ply generation, part performance simulation, document generation and manufacturing, FiberSIM supports all the processes necessary for composites design and manufacture.

Also, FiberSIM's open and flexible architecture was a critical factor in Chengdu Aircraft's decision to utilize the software. The company needed a solution that would enable efficient and easy interfacing with industry leading external applications for analysis, resin transfer molding, and other XML driven solutions. Without a high level of data sharing and communication between these applications, engineers would not succeed in accurately developing their composite products. FiberSIM is helping Chengdu engineers reduce costs and delivery times, allowing them to focus their effort on ensuring product accuracy, meeting deadlines and driving innovation in their designs.

“Chengdu Aircraft’s partnership with [VISTAGY](#) showcases our expertise in providing the most advanced and results-driven software solutions for the development of airframes and aerospace structures,” said Mamoru Iguchi, general manager, Asia-Pacific at VISTAGY, Inc. “We take pride in being selected as a cornerstone of Chengdu’s future in composite airframe development.”

For more information about VISTAGY’s FiberSIM, please visit our [Chinese Web site](#).

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Delcam Software Helps Zytek to One-Two at Le Mans

26 June 2007

Delcam’s PowerMILL CAM software helped cars with Zytek engines to first and second places in the LMP2 category at this month’s Le Mans 24-hours race. The winning Zytek-powered Binnie Motorsports Lola was the only car in the class to have an almost trouble free run. By contrast, the new Zytek 07S, run by Barazi-Epsilon in conjunction with Lowe’s Fernandez Racing, had a series of minor problems that kept it in second place after dominating practice, leading in the early stages and setting fastest lap.

Zytek changed to Delcam’s PowerMILL CAM system in 2004. Since then, the two companies have worked together to develop novel machining strategies for motorsport engine manufacture, in particular for the finish machining of inlet and exhaust ports. The results have included reductions in machining times of up to 60%, together with better quality and consistency.

"This year’s result at Le Mans is a remarkable achievement and is our best ever," commented John Manchester, Operations Director at Zytek. "Without the excellent service and quality products we receive from Delcam it would not have been possible. I am certain that this result will go a long way to helping us secure more engine and chassis business next year."

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ebm-papst Implements Agile 9.2 Solution in China

28 June 2007

[Agile Software Corporation](#) announced that [ebm-papst](#), a world market leader in motors and fans, has deployed the Agile 9.2 PLM solution to manage the product record across its China operations. ebm-papst implemented Agile PLM to improve the company's capability to track, search, report and control the vast amount of data the company receives in a secure environment. Founded in 1963, ebm-papst has a one-of-a-kind product range of motors and fans. Headquartered in Germany, ebm-papst has more than 8,600 employees worldwide.

"Agile PLM was a competent solution for our organization based on its proven track record and out-of-the-box deployment capabilities," said Grace Shi, TQM Manager of ebm-papst Shanghai. "Agile allows

us to deliver on our mission, which is to increase customer satisfaction while staying one step ahead of the competition."

The Agile PLM system will support users across two locations in China. Agile Product Collaboration will provide ebm-papst with enterprise visibility, management and collaboration of new and changing product record information across the extended supply chain. In addition, Agile Enterprise Visualization will provide ebm-papst with native document collaborative visualization across the global enterprise, providing the ability to leverage native design files directly from the enterprise product record in Agile. This solution allows all Agile PLM privileged users to have direct visual access to all managed files, without requiring the original authoring tool or special translators.

"Companies in the electronics manufacturing industry, like ebm-papst, continue to face increasingly competitive global markets," said James Aufdemberge, senior vice president, European operations. "Agile helps organizations improve product profitability, gain product insight and control and manage environmental compliance throughout the product network in a secure environment."

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Farr Yacht Design Meets Rigors of Around-the-World Ocean Racing with NEi Nastran Analysis Software

20 June 2007

Noran Engineering, Inc. ([NEi](#)) announced that Farr Yacht Design ([FYD](#)) has added NEi Nastran to enhance its composite structural analysis and simulation capabilities. FYD is a worldwide leader in the design and engineering of high performance racing yachts for major events including the America's Cup and the Volvo Ocean Race, as well as, custom and production yachts for builders around the globe.

"Structural analysis is an increasingly important component of successful racing yacht design", comments Dave Fornaro, FYD design engineer. "We have been utilizing FEA for several years to validate and improve our designs and desired to enhance our suite of analysis tools with more advanced capabilities in several areas including laminated composites, non-linear surface contact with friction, and bolted joints with pre-load. After an exhaustive review, NEi Nastran stood out as the best choice based on its advanced capabilities, cost-effectiveness, and quality technical support."

FYD's first application of Nastran is for it's next-generation of designs for the Volvo Ocean Race, a grueling round-the-world race sailed in fully crewed, 70-foot carbon fiber yachts capable of speeds in excess of 40 knots. "These designs are forging new frontiers in ocean racing," adds Dave Fornaro. "They operate in harsh and brutal conditions, and require a rigorous level of structural design and analysis to ensure peak performance and safety. We are confident that NEi Nastran will be an excellent tool for the job and we have been extremely satisfied with the support from Noran Engineering."

Tony Abbey, NEi Technical Manager, noted the collaborative potential, "We are excited to support and extend FYD's composite analysis capabilities. NEi Nastran provides benefits to a highly sophisticated

user base ranging from aerospace vehicles and Formula 1 cars to America's Cup and Tour de France bicycles."

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Hilite International Division Converts to Altair's OptiStruct/Analysis

28 June 2007

Altair Engineering, Inc. announced that the Northern Stamping Division of Hilite International has converted to OptiStruct/Analysis, Altair's next-generation finite-element (FE) solver technology for linear statics and dynamics applications. Northern Stamping is a supplier of precision, structural, stamped and welded assemblies to the automotive industry.

"We initially started using OptiStruct/Analysis for one-step forming simulations," said Jeff Rudd, Northern Stamping design engineer. "We found, however, that having access to the full suite of HyperWorks software provides a cost-effective, end-to-end solution that will enhance Northern Stamping's overall product development process."

[Altair](#) HyperWorks is an integrated CAE framework containing solutions for the complete virtual product development process. HyperWorks not only contains FE and multi-body simulation solutions. It also delivers an open, programmable platform that is easy to integrate into existing processes. From modeling and assembly, to visualization and reporting, to virtual manufacturing and robustness assessment, HyperWorks' powerful interface system to all major CAD and CAE packages is the foundation for a truly integrated simulation-driven design process. It can also help bring highly engineered products to market faster.

"We are delighted to have Northern Stamping join our HyperWorks community of users. We're confident that Altair HyperWorks will provide tremendous value to them in leveraging simulation to spur product exploration and innovation, while delivering efficiencies to Northern Stamping's overall product development process," said Jeffrey M. Brennan, vice president of engineering software at Altair. "We are also pleased that Northern Stamping recognizes the benefits of HyperWorks as both a structural analysis tool for forming simulation as well as a complete solution for product innovation."

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Major Chinese Telecommunications Equipment Provider Adopts Ansoft Solution for Signal and Power Integrity

28 June 2007

Ansoft Corporation announced a strategic partnership with [ZTE](#) Corporation, China's largest listed telecommunications equipment provider of customized network solutions for telecom carriers worldwide.

Using [Ansoft](#) signal and power integrity analysis software, ZTE engineers are now able to predict radiated emissions and induced interference from printed circuit boards (PCBs) and to examine multiple PCBs within a cabinet to determine trends for system-level emission. The new design methodology has allowed ZTE to eliminate expensive build-test-repeat iterations in their design cycle.

"Our engineers are very experienced in PCB design and needed to expand capabilities for EMI/EMC. Previously, we were using expensive and time-consuming prototyping and testing to make sure the design performance met requirements," said Mr. Zhu Shunlin, chief engineer of the EDA group at ZTE. "Ansoft's design methodology and technical support team helped us solve this issue, improve product performance, reduce cost and speed our time to market. We have taken our R&D team's capabilities to the next level."

The design flow is comprised of Ansoft's HFSS™, the industry-leading full-wave electromagnetic field simulation software; SIwave™, a full-wave electromagnetic field simulator optimized for PCB signal and power integrity analysis; and DesignerSI™, an integrated schematic and design management front-end for signal integrity analysis and system verification. ZTE engineers perform board-level simulations in SIwave to produce accurate full-wave modeling and to develop design rules so they can design with EMC compliance in mind. They combine results from individual board simulations in more comprehensive HFSS simulations of full 3D systems including multiple boards placed in a backplane and chassis. This design flow has allowed ZTE to improve signal integrity, reduce emissions and eliminate unnecessary shielding.

"With the increased clock speed and operating frequencies of today's PCBs, it is essential that companies adopt an electromagnetic-based design flow to understand the performance of high-speed electronic products," said Thomas Flynn, vice president of sales at Ansoft. "It is an honor to partner with ZTE and help them achieve first-pass system success in designing their high-performance telecommunications equipment."

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MT Aerospace Chooses Altair HyperWorks to Optimize CAE Product Development Process

25 June 2007

[Altair Engineering, Inc.](#) announced that [MT Aerospace AG](#) - a supplier of components and subsystems for the aerospace industry and a systems supplier for antennas and mechatronics - has chosen the Altair HyperWorks suite of software solutions to optimize its product development processes. The company will implement HyperWorks tools within the design and optimization processes of its advanced aerospace components and, in doing so, will frontload the development process. In addition, the company will use HyperMesh for pre- and post-processing tasks, as well as to modify models for finite-element (FE) analysis.

"We have chosen HyperWorks, because optimization is becoming a growing issue within our industry," said Dr. Ulrich Clormann, director of the engineering department at MT Aerospace AG. "Besides simulating and testing the function of our components, HyperWorks will enable us to optimize their structure and shape before the final design. The HyperWorks suite offers us more functionality and higher productivity than the tools we have been using so far."

Altair HyperWorks is an integrated CAE framework containing solutions for the complete virtual product development process. HyperWorks not only contains FE and multi-body simulation solutions. It also delivers an open, programmable platform that is easy to integrate into existing processes. Altair OptiStruct is a highly advanced FE-based software for both structural analysis and design optimization. OptiStruct is used to design, evaluate and improve performance of mechanical structures. Altair HyperMesh is a high-performance FE pre- and post-processor for popular FE solvers. The software enables engineers to analyze product design performance in a highly interactive and visual environment.

"MT Aerospace's decision to integrate HyperWorks into their product development process is clear evidence of the ongoing trend toward using HyperWorks tools within the aerospace industry," said Dr. Detlef Schneider, managing director of Altair Engineering, Germany. "More and more companies are re-evaluating the tools they are currently using, and have chosen to implement HyperWorks to update and improve their development processes. Using this advanced technology is rapidly becoming a critical element in remaining competitive in the marketplace."

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Telelogic Signs 1,396,000 Euro Contract with Comply Serve Ltd

25 June 2007

[Telelogic](#) announced that it has signed a five year license and maintenance agreement worth 1,396,000 Euro with [Comply Serve Ltd](#) an European based provider of web based project and product compliance solutions that utilize the Telelogic requirements management software product DOORS®.

The agreement cements a relationship that started back in 2005 and in an area of business that is being revolutionized by the way the Internet can be used to bring the supply chain together. Chris Rolison, CEO Comply Serve Ltd said, "This agreement is a significant milestone in a partnership that has a very exciting future. DOORS was selected as the requirements management solution capable of delivering against the exacting demands our clients face in attaining and maintaining compliance in an increasingly regulated environment and where the costs of non-compliance and project failure are significant."

"We are delighted that Comply Serve has selected Telelogic as the only vendor capable of providing a solution that supports the challenges faced by their clients in achieving regulatory compliance," said Anders Lidbeck, President and CEO of Telelogic.

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32nd America's Cup to Be Decided by Racing Yacht Designed in SolidWorks; Everything from keel fins to deck rigging for Alinghi and Emirates Team New Zealand designed in SolidWorks 3D CAD software

27 June 2007

CIMdata PLM Industry Summary

Emirates Team New Zealand ([ETNZ](#)) and [Alinghi](#) are competing in the 2007 America's Cup this week in racing yachts designed using SolidWorks® 3D CAD software. A wide range of features on both boats including the hulls, winch mounts, and other deck hardware was designed in SolidWorks to be durable, dependable, and as light as possible in the most demanding of racing conditions.

Taking place off the coast of Valencia, Spain, the 32nd America's Cup features a rematch of the two yachts that competed for the championship in 2003. Switzerland-based Alinghi, the first team to return the Auld Mug trophy to Europe in 152 years, is defending its title against ETNZ, which has competed for the America's Cup four times (winning twice) since 1987. Both teams used SolidWorks to push the limits of hull and keel design within strict America's Cup guidelines.

ETNZ used SolidWorks and COSMOSWorks® design analysis software to develop and test new approaches to structural design such as the keel fin, which must support a weight of nearly 20,000 kilograms when the boat is heeled over under a strong wind. "Every stay, eye bolt, and winch must meet exacting standards so the boat performs to its maximum potential," said Grant Dalton, managing director for ETNZ. "SolidWorks and COSMOSWorks let our engineers visualize different concepts and see new ways to make the boat faster."

Shortly after its founding in 2000, Alinghi migrated from 2D drawings to SolidWorks 3D CAD to streamline development of components that require constant innovation to stay ahead of the competition. "[SolidWorks](#) had become so widespread in our industry it was important for us to speak the same design language as our suppliers," said Grant Simmer, managing director and design team coordinator for Alinghi. "Our engineers use SolidWorks to design close to the edge so we can get the best performance from every single feature of the boat."

ETNZ won the Louis Vuitton Cup earlier this month to earn the right to challenge Alinghi for the championship. The America's Cup runs from June 23 through July 7. The team that is the first to win five races, wins.

"This is the premier event for yacht racing, and it is a test of tactics, execution, and technology," said Rainer Gawlick, vice president of worldwide marketing for SolidWorks Corporation. "Good luck to both teams as they race toward the Auld Mug this year!"

Emirates Team New Zealand and Alinghi work with authorized SolidWorks' resellers Intercad Pty. Ltd. and e-Systems, respectively, for ongoing software training, implementation, and support.

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Waseda University Purchases 1,100 Licenses of SolidWorks Education Edition Software

26 June 2007

Waseda University in Japan has purchased 1,100 licenses of [SolidWorks®](#) Education Edition software for its mechanical engineering students as they prepare for professional careers. This is the largest single deployment of SolidWorks Education Edition software in the country.

The department of modern mechanical engineering will standardize on teaching SolidWorks and COSMOSWorks® software as part of a university effort to enhance engineering education. SolidWorks will play a crucial role in how students learn the monozukuri method of design, which is an increasingly popular approach that factors in every step of product development during the design phase. Learning that approach will better prepare students for professional careers.

“SolidWorks is not only easy to learn and use, it also provides better visualization of feature-based product design than 2D software, which is a crucial skill for graduating students as they enter the job market,” said Dr. Atsuo Takanishi, professor of modern mechanical engineering at Waseda University. “A critical reason for choosing SolidWorks is that it has the most flexible student licensing options available, which allowed us to deploy the software on students’ laptops, giving them anytime, anywhere access. Doing so enables them to apply the skills they’ve learned in the classroom to finding practical solutions on their own, so they can design better products.”

Located in Tokyo and celebrating its 125th anniversary, Waseda is a private university and has more than 50,000 graduate and undergraduate students. The school’s Humanoid Robotics Institute had been using 40 licenses of SolidWorks and COSMOS® design analysis software to develop some of the world’s most advanced bipedal robots in conjunction with private industry for five years. That program’s success prompted the department of modern mechanical engineering to purchase SolidWorks Education Edition for both undergraduate and graduate curricula.

“The Humanoid Robotics Institute has been a pioneer in developing walking, talking, fully functional robots that might someday become common at work or in the home,” said Marie Planchard, SolidWorks director of worldwide education markets. “That type of innovation and success will fuel student interest in engineering at Waseda, where they will develop important CAD techniques to design better products professionally.”

The University of [Waseda](#) works with authorized SolidWorks reseller [Itochu Techno-Solutions](#) Corporation for ongoing software training, implementation, and support.

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Product News

Agilent Technologies Announces Industry’s First Integrated Verification Toolkit for Signal Integrity Design; EDA Software Finds and Analyzes Jitter Sources, Eliminates Costly Redesign

25 June 2007

CIMdata PLM Industry Summary

Agilent Technologies Inc. announced the industry's first integrated verification toolkit for signal integrity design. Intended for use with Agilent's Advanced Design System (ADS) EDA software platform, the new toolkit identifies and analyzes sources of performance-degrading jitter in multi-Gigabit communication link designs. It helps designers find and remove the causes of jitter before hardware prototyping begins, eliminating costly redesign later in the development cycle.

"The recent signal integrity breakthroughs we've made have expanded our RF and microwave EDA technologies into high-speed digital design," said Joe Civello, product marketing manager with Agilent's EEs of EDA division. For the first time, designers of high data-rate interconnects and serial data links can perform a comprehensive jitter budget analysis to find and correct sources of jitter as well as to quickly and accurately predict Bit Error Ratio performance -- all before committing the design to fabrication and production."

The Agilent Signal Integrity Verification Toolkit contains patented technology used in Agilent's real-time sampling oscilloscopes for accurate jitter characterization. ADS is the first and only EDA tool in the industry that provides diagnostic jitter analysis tools integrated into a high-speed channel design flow.

This latest release of Agilent's ADS also provides significant enhancements to its serializer/deserializer, or SERDES, modeling capability. The new library of SERDES components available with ADS includes 8B10B encoders/decoders; 64B66B encoders and decoders with and without scrambling; non-adaptive and adaptive feed forward and decision feedback equalizers, using a wide variety of tap optimization algorithms; and a new digital signal source capable of producing a de-emphasis waveform with random and periodic jitter modulation and transition wave shaping.

The Agilent ADS offers a complete set of front-to-back simulation and layout tools as well as instrument links for RF and microwave IC design in a single, integrated design flow. Today, it is the only EDA software platform that can simulate a serial link consisting of models for frequency-domain interconnect, time-domain driver/receiver, physical layout, SERDES, compiled and scripted MATLAB-based functions, System-C, Verilog-A, HDL, and C++. The signal flow across this wide spectrum of simulation technology allows designers to fully characterize a high-speed serial link and accurately determine BER and jitter performance.

To request an evaluation of Agilent's Verification Toolkit for Signal Integrity, visit <http://www.agilent.com/find/eesof-si-demo-software-request>.

Additional information about Agilent's signal integrity solution and all of Agilent's EDA software offerings is available at <http://www.agilent.com/find/eesof>.

U.S. Pricing and Availability

The Agilent Signal Integrity Verification Toolkit is available now and is included with the ADS Signal Integrity Designer Pro and Premier Suites. It also may be added to other ADS configurations, with prices starting at \$7,000.

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Agilent Technologies Releases Full-Wave 3D Electromagnetic Simulation Environment for Wireless Appliance Designers

27 June 2007

Agilent Technologies Inc. announced the release of its Antenna Modeling Design System (AMDS), a 3D, dedicated design, modeling and verification tool for antenna systems and placement.

Based on electromagnetic (EM) technology that Agilent acquired in September 2006, AMDS reduces design and quality risks by simulating the entire wireless appliance together with its environment. It assures compliance with regulatory and operator demands such as over-the-air performance and SAR (specific absorption rate). It also analyses antenna diversity for MIMO (multiple-in-multiple-out).

Industry leaders such as Research In Motion (RIM) have already adopted AMDS for research and development of their popular wireless appliances.

“AMDS is the next major addition to our growing EM portfolio, and a key part of our expanded partnerships and investment in EM technology,” said Jim McGillivray, vice-president and general manager of Agilent’s EEs of EDA division. “Our current suite of EM-simulation tools -- Momentum, AMDS and EMDS -- allows our customers to choose the best simulation technology for every design and application.”

The success of wireless appliance antenna designers depends on tools that can address both business and design risk management. Agilent’s AMDS contains intelligent CAD import capabilities, along with the traditional drawing interface, that make it easier and faster to perform 3D EM simulations than with traditional simulators.

The AMDS full-wave 3D EM design environment:

- facilitates cross-functional teamwork between antenna and product designers through seamless and efficient exchange of CAD data, eliminating modeling rework for subsequent design iterations;

- guarantees antenna placement performance by taking the entire physical wireless appliance into account; and

- improves end-user product performance by introducing real-world interaction with the human body directly into the EM simulation.

“To improve efficiency, the wireless appliance industry is increasingly using outsourced and modular design,” said Erwin De Baetselier, program manager with Agilent’s EEs of EDA division. “However, the transceiver/antenna physical test phase remains a critical bottleneck for time-to-market. With its ability to

import, mesh and simulate the entire wireless appliance, AMDS overcomes the challenge of meeting operator and regulatory demands and end-user expectations in terms of reception, voice quality and battery life. It is the only software technology available today that addresses the needs of rapidly evolving wireless appliance design.”

To request a demonstration of AMDS or additional technical or sales information, visit <http://www.agilent.com/find/eesof-amds-request-pr>.

Additional information about AMDS and all of Agilent’s EDA software offerings is available at <http://www.agilent.com/find/eesof>.

U.S. Pricing and Availability

AMDS is available now, with prices starting at approximately \$50,000.

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Allegorithmic and Dassault Systèmes’ 3DVIA Team Up for Online Realism

26 June 2007

Dassault Systèmes ([DS](#)) announced a new partnership with Allegorithmic, a developer of procedural textures, creation, and publication software. Allegorithmic’s technology will be integrated in DS’s 3DVIA online platform and services. Users will be able to apply lifelike textures to 3D virtual objects and environments, with a high level of realism. This is ideal for use in areas such as publishing and sharing 3D over the Web.

“We are delighted to be one of DS’s first 3DVIA partners. DS’s 3DVIA strategy is extremely exciting for us. Our goal to provide creators of 3D worlds with a set of tools to easily reflect the complexity of reality fits DS’s vision perfectly,” says Sébastien Deguy, CEO and founder, Allegorithmic. “Our tools are designed to enable artists to drive the production process, based on mathematical principles. There is a clear fit with 3DVIA’s broad target audience.”

“[Allegorithmic](#) will play a key role in our community of 3DVIA partners, sharing our vision and passion for lifelike 3D, with an inspirational and entrepreneurial team,” explains Florence Hu, vice president, R&D, Dassault Systèmes. “Allegorithmic brings cutting-edge technology that will dramatically improve the visual quality of online virtual environments powered by 3DVIA. We are delighted to be working with a broad variety of partners who share DS’s 3DVIA vision.” Allegorithmic’s procedural textures library and engines will be integrated in upcoming releases of 3DVIA services.

Partners, customers, and professionals from DS will gather at DEVCON, Dassault Systèmes developer conference in Paris, on June 26-27, 2007, to learn how to leverage the CAA partner program and discover the latest information about DS’s key technological advances. More information on DEVCON can be found at: <http://www.3ds.com/news-events/devcon>.

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Autodesk Certifies ALGOR FEA Software

25 June 2007

ALGOR, Inc. that Autodesk® has named ALGOR finite element analysis (FEA) software as an Autodesk Inventor™ 2008 Certified Application.

"Once again, ALGOR's analysis and simulation solutions have proven their high level of integration with Autodesk Inventor," said Sudhir Naik, Certification Program Manager of Autodesk. "ALGOR's ongoing participation in the Autodesk Inventor Certified Application program ensures our customers have access to a complete CAD/CAE solution."

"Our continued certification, now for Autodesk Inventor 2008, clearly demonstrates the joint dedication of our two companies to providing effective and up-to-date design and analysis solutions," said ALGOR Product Manager Bob Williams. "We will continue to provide Autodesk Inventor users with easy-to-use and accurate analysis and simulation tools so they can speed up time to market and make better, safer products at a lower cost."

ALGOR software features an easy-to-use single user interface, [FEMPRO®](#), which provides direct CAD/CAE data exchange and full associativity with most CAD solid modelers including Autodesk Inventor. This allows engineers to choose the analysis tools they need, giving them access to ALGOR's wide range of [simulation capabilities](#) including linear and nonlinear static stress, Mechanical Event Simulation (MES) with linear and nonlinear material models, linear dynamics, steady-state and transient heat transfer, steady and unsteady fluid flow, electrostatics, fatigue, piping and full multiphysics.

To learn more about Autodesk Inventor's partner products and services, visit partnerproducts.autodesk.com. For more information about ALGOR software, contact an ALGOR account manager or visit our web site – <http://www.algor.com/>.

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Autonomy Enters Into OEM Agreement With Dassault Systèmes

25 June 2007

[Autonomy Corporation plc](#) announced that it has entered into an OEM license agreement with Dassault Systèmes to deliver advanced conceptual search capabilities.

Dassault Systèmes brings value to more than 100,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire lifecycle of products from conception to maintenance.

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CoCreate's Personal Edition an International Success; Free 3D CAD program extended, no planned end date

25 June 2007

[CoCreate Software, Inc.](#) announced the extension of its international free 3D CAD program -- CoCreate OneSpace Modeling Personal Edition (PE).

OneSpace Modeling PE is a freely available download offering all the power of CoCreate's enterprise OneSpace Modeling 3D CAD software for assemblies up to 60 parts. Tens of thousands of users from over 100 countries worldwide have taken advantage of this program to experience CoCreate's dynamic difference, with nearly 90 percent of OneSpace Modeling PE users being new to CoCreate's Dynamic Modeling based approach.

CoCreate has extended the worldwide program -- with no planned end date -- based upon the phenomenal success and the continuing growth rate.

Downloads are available from: <http://www.cocreate.com/free>

The free to download and use 3D CAD software is available in English, German, Italian and Japanese versions.

Individuals and companies wanting to grow into the CoCreate platform have an easy path to move from the personal edition to the professional version. Both traditional and subscription licensing (rent versus own) give new customers the purchasing flexibility that is right for them. Additionally, all 2D drawings and 3D models created within OneSpace Modeling PE can be unlocked and carried over to CoCreate's full production environment.

"I used OneSpace Modeling PE to evaluate CoCreate's product because I was frustrated with the complexity of history-based 3D CAD systems. I couldn't believe how intuitive it was. In 25 minutes I made a complex molded part with lots of great features. All I can say is WOW! It was so simple," said Dan Corbosiero, Engineering Manager, of DynoTune, a manufacturer of nitrous systems for the speed and performance market, and new CoCreate customer.

Additionally, existing 2D and 3D CAD data from other CAD systems are easily modified in CoCreate OneSpace Modeling where industry standard neutral file formats are the equivalent of native data. The interoperability of a history-free approach means there are no switching costs when moving to CoCreate.

"I imported 3D models originally created in a history-based CAD system into OneSpace Modeling using an IGES file and then carried it forward. It worked great," continued Corbosiero.

OneSpace Modeling PE is succeeding in driving further awareness within the market that there are two approaches to 3D product development; both history-based and Dynamic Modeling based approaches.

New user feedback supports that a Dynamic Modeling based approach is just simply easier to learn and use:

"I am so lucky that I saw your product in an article in one of my trade journals. I cannot begin to tell you how much easier it is to use your product versus history-based systems. Your product is a winner," said Dave White, new OneSpace Modeling PE user.

"I like using this baby. I do not think any other 3D CAD modeling program can be made easier to use but I am always being surprised these days. This is not a history-based CAD program but a dynamic modeler and a truly great one at that," said Richard Williams, new OneSpace Modeling PE user.

CoCreate's free 3D CAD program has not only introduced existing 3D CAD users to a new approach to product development, it has also introduced 2D CAD users and users without any CAD at all to the benefits that come with 3D. CoCreate considers this another measure of the program's success by boosting the awareness of the benefits of 3D product development to the broader industry -- whether it be for personal or professional use.

"OneSpace Modeling Personal Edition has been a tremendous success. This program has started conversations with tens of thousands of people across the world. In nearly all cases, we are speaking with people that are both new to CoCreate and new to a Dynamic Modeling based approach to 3D product development. We are excited to continue to offer this very successful international program," said William M. Gascoigne, CoCreate CEO.

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Dassault Systèmes and PROSTEP AG Partner to Deliver Extensive Connectivity for DS's ENOVIA SOA Enterprise Middleware for PLM; Commitment Strengthens Collaborative Intelligence Capabilities Across Federated PLM Data Regardless of Source

27 June 2007

Dassault Systèmes (DS) announced an expanded CAA agreement with PROSTEP, a leading provider of solutions for product data integration. PROSTEP will develop and sell a new PLM SOA (service oriented architecture) connector taking advantage of DS's ENOVIA SOA enterprise middleware architecture. The connector will allow ENOVIA users to view, access, manage and collaborate across PLM content from heterogeneous data sources such as Teamcenter, Windchill, Agile and SAP PLM.

“[PROSTEP](#) is excited to work with Dassault Systèmes to create a powerful solution linking ENOVIA to a multitude of external sources. Together we are helping customers accelerate their collaborative development process by enabling all relevant PLM information to be centrally viewed, accessed and managed quickly, reducing cycle time and driving product innovation. Integration between PROSTEP's

OpenPDM and ENOVIA will immediately add value for customers by allowing them to easily integrate data from new sources into their ENOVIA environment,” says Bernd Paetzold, CEO of PROSTEP.

“This partnership again proves DS’s commitment to open platform and SOA architecture. It is a clear demonstration that the ENOVIA platform can be the federated repository and data warehouse for all customers, products, process, and resources data. The PROSTEP partnership is key for helping our customers to connect and reuse their legacy environment with DS’s innovative PLM solutions,” explains Stephane Declèe, senior vice president of R&D for ENOVIA. “Combined with the 3DLive user experience, it provides customers with an unprecedented level of intuitive access and collaborative intelligence across the breadth of federated data available, resulting in improved productivity and faster time to market for new products.”

To find out more about the PROSTEP/Dassault Systèmes partnership, and how PROSTEP Open PDM works with ENOVIA SOA middleware for PLM, you can join partners, customers, and professionals from DS at DEVCON, Dassault Systèmes’ developer conference in Paris, on June 26-27, 2007. To learn how to leverage the CAA partner program and discover the latest information about DS’s key technological advances, and for more information on DEVCON visit: <http://www.3ds.com/news-events/devcon>.

About the CAA Software Community Program

CAA (Component Application Architecture) is Dassault Systèmes’ open middleware and development environment for PLM. The CAA Software Community Program is dedicated to ISVs (Independent Software Vendors) willing to develop, sell and support CAA-based applications, fully integrated with CATIA, SIMULIA, ENOVIA, DELMIA and 3DVia. This collaboration results in the expansion of Dassault Systèmes’ 3D PLM solutions to cover the entire product lifecycle range, thus enabling mutual customers to take advantage of a larger set of products in response to their specific industrial needs. More Information available at: <http://www.3ds.com/alliances/software-partnership>

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Dassault Systèmes Chooses Autonomy Technology for its Future ENOVIA PLM Enterprise Search Capabilities

27 June 2007

Dassault Systèmes ([DS](#)) announced an OEM agreement with [Autonomy](#), a global leader in enterprise infrastructure technology, to deliver advanced conceptual search capabilities within DS’s ENOVIA PLM SOA new user experience and middleware. As a result of this partnership, DS will deliver unique PLM enterprise search capabilities that will combine the best of Autonomy and DS 3D PLM technologies, allowing users to find and act on information more quickly while developing new products.

“The growing volume of content, repositories, and digital asset media types available today requires a more comprehensive investment and approach by IT,” commented Stouffer Egan, chief executive officer

of Autonomy, Inc. “We are pleased to bring the benefits of Autonomy's Meaning-based Computing technology to help Dassault Systèmes’ customers optimize their information assets.”

“3DLive is DS’s revolutionary lightweight solution leveraging the full power of real time 3D to search, navigate and collaborate online. This partnership will deliver to users an unsurpassed PLM enterprise search capability that should establish 3DLive as a de-facto standard,” says Stephane Declève, senior vice president of ENOVIA R&D.

The partnership demonstrates the unique capabilities of ENOVIA PLM SOA middleware to serve as an open federation, indexing and data warehouse platform for all kinds of industries, customers, processes and user data. All PLM enterprise data from all data sources will be discovered, indexed and available instantaneously for real time search and intelligent navigation.

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Dassault Systèmes Launches 3DVIA SupplierSource, an Online Community Matching Engineers and Suppliers

27 June 2007

Dassault Systèmes ([DS](#)) announced the availability of [3DVIA](#) SupplierSource, its professional service to help designers find and communicate with suppliers. 3DVIA SupplierSource, an online community, helps designers connect with manufacturers, enabling them to focus on design and innovation rather than spending time searching for the right supplier. It helps suppliers efficiently reach a wide audience and grow business opportunities.

“In addition to being fast and cost-effective, 3DVIA SupplierSource helps you identify the kind of expertise you actually need,” says Andrew Fox, founder and CEO of Wadsworth Medical Technologies, a medical products manufacturer start-up. “3DVIA SupplierSource helped Wadsworth Medical to team up with J&L Plastic Molding, allowing us to cut the cost of producing a prototype mold in half, producing the mold in just five weeks as opposed to three months. We secured a relationship with a strategic partner that can provide the specialized molding expertise Wadsworth Medical needs throughout the production process.”

“SupplierSource is trying to give more time back to the designer’s extremely busy schedule,” explains Jim Foster, director SupplierSource, 3DVIA, Dassault Systèmes. “By providing an easy-to-use, comprehensive service that helps designers find new suppliers, organize existing lists of suppliers, and manage the RFQ process, we can simplify part of the engineer’s job.” With 3DVIA SupplierSource’s intuitive interface, designers can easily organize and manage their existing suppliers, while colleagues and vendors benefit from streamlined communication. Suppliers achieve a new level of business exposure, able to post their Web addresses and searchable content information. They can also find out who is looking for their services and which are the most popular.

3DVIA SupplierSource is available at <http://www.suppliersource.3dvia.com/>.

Partners, customers, and professionals from DS will gather at DEVCON, Dassault Systèmes developer conference in Paris, on June 26-27, 2007, to learn how to leverage the CAA partner program and discover the latest information about DS's key technological advances. More information on DEVCON can be found at: <http://www.3ds.com/news-events/devcon>.

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Dassault Systèmes Unveils 3DVIA to Imagine, Play, and Experience Life in 3D Online

26 June 2007

Dassault Systèmes ([DS](#)) unveiled the next steps in its strategy to turn 3D into a universal media, and launched 3DVIA, DS's new brand for 3D online lifelike experiences.

"Imagine a world where everyone can leverage the power of 3D, in which we can create, share, and experience life in 3D online, enabling us to join efforts to improve our living spaces and the products we use daily," says Bernard Charlès, president and CEO, Dassault Systèmes. "DS and its partners will develop 3DVIA to lead the way in this area, enabling anyone with access to a computer and the Internet to use innovative, fun-to-use 3D services online."

3DVIA services will be accessible at 3dvia.com. The first services that will be made available later this year, leveraging DS's 26 years of technological expertise, will empower passionate 3DVIA communities with services to invent and create objects in 3D, upload, share, and tag 3D, and enjoy interactive experiences in 3D.

DS's customers, working in all kinds of industries, create tremendous IP assets with CATIA, Solidworks, DELMIA, and SIMULIA, and need to be able to leverage and reuse their assets to revolutionize the way that they interact with their own customers. Their global collaborative platform, supported by ENOVIA, will provide appropriate content and process information right up to a lifelike experience with 3DVIA. The first professional online community, 3DVIA SupplierSource, is a way forward, connecting designers and suppliers.

3DVIA is a platform for partners to deliver unique 3D experiences to all kinds of online communities in the consumer and professional arena. As part of today's 3DVIA announcements, DS and Microsoft announced an extension of their partnership, and DS announced that REALVIZ and Allegorithmic will contribute to increase the realism of 3D environments with, respectively, 3D backdrops and lifelike textures. More partners will be announced soon.

3DVIA brings together a global team, dedicated to delivering the world's best 3D technologies to online communities.

Partners, customers, and professionals from DS will gather at DEVCON, Dassault Systèmes developer conference in Paris, on June 26-27, 2007, to learn how to leverage the CAA partner program and

discover the latest information about DS's key technological advances. More information on DEVCON can be found at: <http://www.3ds.com/news-events/devcon>

About 3DVIA:

3DVIA is Dassault Systèmes' brand for online 3D lifelike experiences. It establishes 3D as a universal media for consumer and professional communities, and allows anyone to imagine, play, and experience products and services used in our daily lives. Once perfected in the virtual world, these can be delivered in the physical world. The Virtools product line is part of 3DVIA. For more information about 3DVIA, go to: <http://www.3dvia.com/>.

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ESPRIT 2007 Receives Autodesk Inventor 2008 Certification

27 June 2007

[DP Technology](#) announced that its ESPRIT 2007 software has been certified by the Autodesk Inventor® Certified Application Program for Autodesk Inventor® 2008, the most recent computer aided design (CAD) software release from Autodesk. ESPRIT's inclusion in this program ensures that the software has met the stringent standards established by Autodesk in terms of interoperability, quality and overall robustness.

ESPRIT 2007 allows users to open native Autodesk Inventor files, thereby ensuring a high-quality, seamless transition from CAD to CAM software that's built to maintain the integrity of any design. The ease of interoperability between ESPRIT and Autodesk Inventor paves the way for accurate data transfers that ultimately translate to accuracy and ease in manufacturing.

Because reading the Autodesk Inventor is automatically available within ESPRIT, taking advantage of this data exchange capability is simple and seamless. There is no need for a separate download or installation to utilize this technology within ESPRIT.

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GibbsCAM Certified by Autodesk for Inventor 2008

27 June 2007

Gibbs and Associates, developer of GibbsCAM®, CAM software for programming CNC machine tools and controls, announced that GibbsCAM has been certified for Autodesk Inventor® 2008 under the Autodesk Inventor Certified Applications Program.

“We are extremely pleased to once again be certified under the Autodesk Inventor Certified Applications Program. This clearly demonstrates the two companies' joint dedication to providing effective solutions

for our customers,” says Bill Gibbs, founder and president of Gibbs and Associates. “GibbsCAM’s powerful, yet easy to use, capabilities can take Autodesk Inventor designs and put them into production quickly and easily. The Autodesk Inventor/GibbsCAM combination continues to offer Autodesk Inventor users incredible value and performance.”

“The ever expanding capabilities of GibbsCAM offer Inventor users a broad range of functionality, covering 2-axis turning, 2 & 2.5D milling, 3-axis multi-surface machining with high-speed machining support, 5-axis simultaneous machining through complex multi-task machining,” comments Robb Weinstein, Gibbs’ senior vice president of sales and strategic planning. “In addition, to its industry leading ease-of-use, the number of languages which GibbsCAM supports continues to expand keeping pace with Autodesk’s broad distribution. Of course, our worldwide organization of professional CAM Resellers continues to be key to the success of our customers and in our working relationships with our strategic partners such as Autodesk.”

GibbsCAM is able to directly read in native Autodesk Inventor model files for process planning and toolpath generation. The Inventor-to-GibbsCAM add-in also allows Autodesk Inventor models to be directly transferred from within Autodesk Inventor to GibbsCAM. Updates to either part geometry or process parameters are easily accommodated by GibbsCAM’s full associativity across geometry, process and toolpath. GibbsCAM’s industry leading ease-of-use allows users to quickly take advantage of its powerful capabilities – from minimizing how long it takes to learn how to use the software, to efficiently addressing day-to-day manufacturing engineering tasks with extremely intuitive capabilities.

For more information about GibbsCAM and Gibbs’ programming solutions, or to locate your local GibbsCAM Reseller, go to <http://www.gibbscam.com/>, call 1-800-654-9399, or email info@GibbsCAM.com.

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Infor Delivers Business-Specific Enterprise Asset Management; Built-in Functionality for Fleet Management, Manufacturing, Facilities and Life Sciences

28 June 2007

[Infor](#) unveiled Infor EAM Enterprise Edition, the company’s new version of its flagship enterprise asset management (EAM) solution. The new version includes built-in functionality specifically for the Fleet Management, Manufacturing, Facilities and Life Sciences industries. Future releases will provide business-specific functionality for additional industries. With today’s announcement, Infor Datastream 7i will now be known as Infor EAM Enterprise Edition.

“EAM Enterprise Edition has domain expertise built-in, addressing the reality that different kinds of businesses have different asset management needs,” said Marty Osborn, senior director, Enterprise Asset Management Solutions, Infor. “Infor’s business-specific capabilities enable customers to quickly and efficiently manage their assets without a lot of customization, and that leads to low cost of ownership.”

In addition, EAM Enterprise Edition's new Configuration Manager enables customers to create and store their own configurations. The configuration store removes the administrative tasks of moving from one configuration to another and allows companies to quickly deploy settings from test to training to production systems.

Business-specific functionality is important because it allows companies to access built-in features instead of highly customizing a generic software package, which is expensive and risky. For instance, Bentley College, a Waltham, Massachusetts leader in business education, sought a solution to improve the management of campus facilities. These improvements have elevated Bentley to the top performer in work order process among its peers, as reported in the Sightlines LLC benchmarking, a facilities asset advisory firm that ranks how colleges and universities manage physical assets against financial performance.

"Infor's enterprise asset management solution provides us with functionality specifically for our facilities," said Tom Kane, assistant director of facilities operations, Bentley College. "We have improved many facets of our operation including, work order productivity, manpower scheduling and preventive maintenance setting us apart and dramatically improving our facilities operation."

Infor Enterprise Asset Management solutions allow customers to maintain, manage, and improve the performance of their capital asset infrastructure, including manufacturing equipment, fleets, and facilities. The solution combines asset management functionality and reporting with analytics to deliver a platform for optimizing enterprise asset performance. Infor's EAM solutions go beyond traditional management of assets providing information that helps identify key trends and anomalies, forecast performance issues, and helps to make forward-looking decisions to take action.

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Informative Graphics' Brava! Enterprise Product Integrates to Primavera Contract Manager®

28 June 2007

Informative Graphics Corporation ([IGC](#)) announced the integration of its Brava!® Enterprise viewing and collaboration product to Primavera's project controls solution.

Primavera Contract Manager® helps increase construction project management efficiency and speed, while reducing schedule delays and risk by providing immediate alerts for new RFIs, answered questions, potential issues and changes. It offers real-time access to current project information, including the latest drawings and approved submittals.

Brava Enterprise is server-based viewing and collaboration software that provides a unified interface for virtually any format, including CAD drawings and related project documents. With this integration, users can now view and mark up drawings and documents directly from the Primavera Contract Manager interface.

“Brava enables members of the project team using Primavera Contract Manager to share and redline important project documents in real-time,” said Nicole Styer, Director, Product Strategy at Primavera. “This helps them save time and improve their productivity in the field.”

“We know Primavera has a great reputation in the AEC space and are very pleased to integrate Brava with Primavera Contract Manager,” said Gary Heath, President and CEO of IGC. “We have many engineering and construction customers that rely on Brava to accurately view their CAD files and we are committed to providing a great fidelity and usability for them.”

For more information about Brava, visit <http://www.bravaviewer.com/>

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Magma Expands Statistical Timing Analysis Methodology for More Robust Design

25 June 2007

Magma® Design Automation Inc. announced an enhanced statistical static timing analysis (SSTA) methodology that is tuned to TSMC's 65-nanometer (nm) process. The methodology is based on Magma's Quartz™ SSTA and expands the capabilities offered in TSMC Reference Flow 7.0. This advanced methodology now supports global (inter-die) and random (intra-cell) process variations, composite current source (CCS) models, statistical leakage analysis and statistical optimization as validated in TSMC Reference Flow 8.0. In addition, TSMC now provides Magma with rules to enable statistical extraction and worst-scenario RC analysis. The two companies have worked together for nearly two years developing and qualifying this methodology. The benefits include reduced risk, improved quality of results (QoR), more robust designs, faster turnaround time and a vastly simplified sign-off flow.

"Magma's Quartz SSTA is closely coupled with TSMC's process technology, and provides the accuracy designers need to account for both process and metal variations," said Kam Kittrell, general manager of Magma's Design Implementation Business Unit. "In addition, Quartz SSTA is fully integrated into the Magma IC implementation flow, making the physical implementation engines variability-aware. Having this powerful capability built into the flow improves QoR and accelerates and simplifies timing closure and sign-off."

"Magma's method of addressing process variation is highly effective for designers working at 65nm and below," said Kuo Wu, deputy director of design service marketing at TSMC. "Our collaboration with [Magma](#) on statistical static timing analysis provides an advanced methodology that is tightly integrated into the design flow."

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Mentor Graphics Delivers Verification Solutions for ARM Processor-based Wireless and Multimedia Applications

26 June 2007

Mentor Graphics Corp. extends support of iSolve™ emulation-based IP products for ARM® processors to enable the high-speed verification of wireless and multimedia applications, and reduce time to market. Mentor's iSolve products take full advantage of the high-performance system verification capabilities of Mentor's recently announced Veloce™ hardware assisted verification platform.

Mentor's iSolve family of vertical market solutions now includes support for the ARM RealView® Core Tile for the ARM11™ MPCore™ multiprocessor and the Soft Macrocell Model for the ARM1176JZF-S™ processor, adding to the existing iSolve portfolio for the ARM7™, ARM9™ and ARM11™ processor families.

Mentor's iSolve products enable designers to reduce the hardware/software integration and verification effort by utilizing fast, high-fidelity models, which replace custom hardware prototypes with hardware-assisted, system-level verification solutions. With the inclusion of one or more models in a design, system verification can be performed at megahertz speeds using transaction-based acceleration or in-circuit emulation from Mentor's recently announced Veloce product. (See "[Mentor Graphics Launches Veloce Product Family Delivering Industry's Fastest Functional Verification Platform](#)," April 16, 2007.)

"We recognize that for designers to develop today's leading-edge hand-held wireless and multimedia devices, they need access to the most up-to-date verification solutions," said John Cornish, vice president of marketing for the System Design Division at ARM. "Mentor's iSolve products provide a fast, proven verification solution for systems based on the ARM11 MPCore multiprocessor and ARM1176JZF-S processor. Combining the speed and accuracy of ARM RealView Core Tiles and Soft Macrocell Models (SMMs) with the visibility and debug capabilities of the Mentor hardware emulator addresses the needs of our joint customers, who face huge challenges delivering their products on time in the rapidly converging mobile communications and digital entertainment markets."

"We have worked closely with ARM for many years to implement solutions for our customers to address the verification challenges faced in embedded system design," stated Eric Selosse, Mentor Emulation Division (MED) vice president and general manager. "Our combined industry-leading technologies deliver reliable and easy-to-use verification solutions to help our customers develop new and innovative consumer products without compromising delivery schedules. We are delighted to add these new ARM11 processors to our portfolio of iSolve products."

Using Mentor's iSolve solutions with ARM RealView Core Tiles and SMMs, customers can take advantage of a powerful, hardware-assisted co-verification environment that speeds execution times by up to 10,000 times that of regular software simulators. In particular, Mentor's iSolve solutions for the ARM architecture are based on fully validated models, created by ARM and delivered to Mentor. Additionally, they provide a connection to the ARM debug tools, such as RealView ICE, for detailed software debugging. As the iSolve solutions for the ARM architecture are based upon a full model of the ARM processor represented in hardware they execute significantly faster than equivalent software

models. This allows designers to readily run large amounts of software code against their hardware and expose design flaws early in the verification process.

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Microsoft and Dassault Systemes Expand Alliance Into Virtual Earth

26 June 2007

Microsoft Corp. and Dassault Systemes (DS) announced the extension of their alliance, committing to add advanced new features to Microsoft's Virtual Earth™ platform. Combining Microsoft's geolocalization technology with DS's 3-D modeling and realistic visualization know-how, this alliance will enable consumers to add an entirely new level of realism within Virtual Earth, providing an unrestricted freedom for creativity and innovation.

"Together, our technologies will allow for a fusion of the real and virtual worlds that unleashes our imagined world and bridges it with the one we live in," said Bernard Charles, president and CEO, Dassault Systemes. "Our lifelike 3-D modeling solution will provide a robust dimension to Microsoft's powerful, immersive online mapping and visualization experience."

"Our alliance with Dassault Systemes represents a significant commitment to delivering an ever-increasing level of realism within the Virtual Earth platform," said Stephen Lawler, general manager of Virtual Earth at Microsoft.

This strategic alliance will leverage DS's exact 3-D modeling technologies, which are based on its CATIA world-class 3-D modeling capabilities. These capabilities will integrate with Virtual Earth, facilitating design reuse and modifications for quicker design ramp-ups and innovations.

More information about the Microsoft-Dassault Systemes alliance can be found at <http://www.3ds-microsoft.com/>.

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New Consulting Services From DNV With Fluid Dynamics Software From CD-adapco

22 June 2007

DNV (Det Norske Veritas) has selected a software solution for computational fluid dynamics (CFD) from CD-adapco to extend its technical consulting service line. The new software will be a valuable addition to the DNV toolbox to provide accurate and reliable estimation of slamming and sloshing loads, which are critical for the design and operation of both ships and offshore structures.

Drawing on more than 140 years of experience, DNV deliver services that predict and assess the motions, loads and other dynamic responses of ships and offshore structures in waves or related fluid flow problems.

Says Dr Bo Cerup-Simonsen, head of DNV Maritime Technical Consulting and DNV Fellow in computational mechanics: “The shipping and energy industries are faced with a number of new challenges, driving the need for novel designs and technologies. For shipping this concerns, among others, container and LNG vessels as well as more specialised ships. The lack of experience for a novel design demands accurate prediction of loads, motions, resistance and propulsion efficiency. For example, slamming pressures on the bow and aft part of the ship and sloshing effects in LNG tanks are some of the areas that are critical and challenging. This new CFD solution combined with our world-class competence will extend our capabilities to better meet this demand.”

CD-adapco has a long history of successful partnerships with leading companies in both the maritime and petrochemical industries. The company has invested heavily in providing capabilities within its software that meet the most challenging problems within these industries.

“We are delighted that DNV, with its global presence and as one of the ‘big-three’ classification societies, has justified this investment by choosing our software. By working closely with DNV, we intend to further refine our technology to meet the industry demands,” says Dr Dennis Nagy, CD-adapco’s Vice President of Marketing and Business Development and Director for the Energy Sector.

Simulating sloshing behavior

DNV’s engineers will use CD-adapco’s STAR-CCM+ to tackle problems involving sloshing resonance. Liquid motion resonance can lead to sloshing impacts at sharp corners and knuckles inside tanks, with a potential risk of damage. The software will allow DNV to simulate sloshing behavior driven by a wide range of sea-conditions, allowing engineers both to visualize the liquid motion and to identify critical events that may cause high sloshing induced impact forces. DNV will also use STAR-CCM+ for the analysis of vortex induced vibration and for general six-degree-of freedom free-surface calculations

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New Product Development & Portfolio Management Software

26 June 2007

Innovation Framework Technologies (IFT) announced that its New Product Development and Portfolio Management software solution has been officially certified by Stage-Gate Inc.

According to recent surveys, over 75% of American companies use some form of stage-gate process to support their innovation efforts. Best performing companies have also combined it with idea management and portfolio optimization to achieve excellence in new product development.

IFT now offers a best-in-class, integrated solution for companies willing to enhance the performance of their NPD processes in Idea Management, Idea-to-Launch, Portfolio Management, Resource Management and Project Management. For companies looking at improving their NPD processes, this certification greatly minimizes the risk and cost associated with selecting the right software solution.

"Companies using any form of Stage-Gate® for their NPD process can now choose a single software solution with best-in-class functionality that can scale and adapt to their specific needs; supporting one to many business units," stated Patrick Ternier, CEO of Innovation Framework Technologies and former CEO of Artemis International Solutions Corporation. "Our solution has gone through major enhancements to satisfy a comprehensive evaluation by Stage Gate Inc. on some 200 innovation-related criteria. For our customers, this translates into substantial savings on their overall implementation effort and costs, as our solution has been built specifically to satisfy NPD needs, without requiring costly customization activities or user training."

IFT's solution is now the only one available that delivers Stage-Gate certified functionality in a single application with best-in-class NPD capabilities, from strategic analytics through to time tracking, which does not require third party products like Microsoft Project or Excel to support project management processes, reporting or analytics.

"I strongly recommend all would-be buyers to ask specifically for Stage- Gate® Ready software, even if your company does not deploy a traditional Stage-Gate process," says Dr. Robert G. Cooper, Stage-Gate's inventor. "We want to help organizations take advantage of innovation productivity tools that can help advance business performance. We believe that if we reduce risks associated with these decisions, it is a win-win for everyone."

Built specifically for companies who rely on new product success to generate growth and profitability, the IFT solution provides the Business Application layer of the New Product Development process, complementing the Operational Application layer that PLM vendors offer.

The IFT solution is fully web-based and uses a single, centralized, database, allowing authorized users anywhere with internet connectivity to securely access all permitted functionality, data and reports. The application is role-based, easy to use and configure, and can be installed and up-and running for your business in less than 30 days.

About Innovation Framework Technologies

Innovation Framework Technologies helps companies achieve profitable growth through innovation led revenue increase by providing leading edge solutions focused on the improvement of key innovation and new product management practices: idea generation and management, product portfolio management, resource management, stage-gate based NPD governance, product and technology road-mapping and project management.

The IFT solution embeds software used by multiple companies world-wide to annually invest over \$40 billion in R&D and is used in a range of industries like high-tech, consumer goods, automotive, energy,

industrial products and life sciences. With headquarters in New York and Paris, IFT operates throughout North America and Europe.

For more information, visit <http://www.innovation-framework.com/>

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Publicis Groupe and Dassault Systèmes Announce Strategic Partnership: Launch 3dswym Joint Venture to bring Innovative 3D marketing solutions to global marketers

28 June 2007

Publicis Groupe and [Dassault Systèmes](#) announced the signature of a memorandum of understanding to create 3dswym, a global joint venture in the field of web-based 3D. The joint venture company, based in Paris, will offer a collaborative web-based platform allowing marketers to connect directly to consumers in order to jointly create and adapt new consumer goods and new retail environments using advanced Web and 3D tools.

The 3dswym venture derives from a shared vision of Maurice Lévy, Chairman and CEO of Publicis Groupe and Bernard Charlès, President and CEO of Dassault Systèmes, about the future of marketing. Both men are convinced that successful marketing must permit consumers to enter the product creation process at a much earlier stage, so that products and services are in fact co-generated with them. 3dswym's online 3D solutions are perfectly adapted to this kind of collaboration and stand to change marketing by improving the success rate of new products, giving clients a real competitive advantage.

3dswym will help marketers through:

- 100% matching consumer needs, desires and expectations. 3dswym's web-based 3D platform functions as an R&D engine to conceive and create new generation products and retail concepts, with consumers. With 3dswym's focus on the "Consumer Journey", from creation of products to how they are presented, packaged, what point-of-sale should resemble and how they will be used at home.

- Speedier time to market, fewer marketing errors and much-reduced environmental footprint using 3D tools to define the best and faster and most effective product development, virtually replacing the need to produce physical prototypes and models.

- Highly-customized product roll-outs, leading to more efficient commercialization, more in line with the full diversity of consumer imagination.

- Very simply, and by means of a few clicks, the consumer will be able to redesign packaging or refashion a product by redefining its form, its colours – and then see his or her ideas come alive in three dimensions on a supermarket shelf or at the consumer's own home.

3dswym is the product of a strategic partnership linking two global leaders in their respective sectors. It leverages the consumer intelligence and global marketing skills of Publicis Groupe with the technology of Dassault Systèmes. 3dswym is aimed in particular at the client base of both companies, which together includes some of the largest consumer, retailing, and manufacturing groups in the world.

Maurice Lévy, Chairman and CEO of Publicis Groupe said, “In today’s world of the Empowered Consumer, the traditional theory of Adam Smith about “supply and demand” is being turned on its head. In the emerging “demand and supply” world, consumers will increasingly be called upon to have a say at different points along the entire innovation chain. Marketing in the future will depend in part on the creation of 3D virtual experience in which one can imagine, transform and create a retail outlet, a product, or packaging. 3dswym is the product of an extraordinary strategic partnership between Dassault Systèmes and Publicis Groupe, an indication of the kind of innovative marketing solutions which can result from collaboration between best in class experts in 3D technology and specialists in strategic marketing as well as consumers. Without exaggerating we can say that there will be a “before” and an “after” 3dswym in the field of marketing products and services through retail channels.”

Bernard Charlès President and CEO of Dassault Systèmes said “Literally, SWYM is the acronym of See What You Mean. Ultimately, consumers will participate to the co-creation of products and services that will fulfill their practical needs and dreams. 3D enables true life experience using the 3D virtual world as a powerful media to imagine, share and experience. Our online 3DVIA platform is the key enabler for our joint venture.”

3dswym will be 51%-owned by Publicis Groupe and 49% by Dassault Systèmes. The creation of the joint venture is subject to the signing of definitive agreements. The entity will draw on the products and services of Dassault Systèmes for technology and software solutions and on the marketing knowledge of [Publicis Groupe](#) for communication and consumer insights.

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REALVIZ® Photo Modeling Technologies for Dassault Systèmes’ 3DVIA Communities

26 June 2007

Dassault Systèmes ([DS](#)) announced an expanded partnership with REALVIZ®, a leading developer of image-processing software, whose technology will be integrated with DS’s 3DVIA online platform and services. REALVIZ’ VTour software enables the creation of photo-realistic 3D environments, from pictures to videos, to be extensively reused in interactive 3DVIA life experiences created with Virtools.

“We fully endorse DS’s 3DVIA strategy and are delighted to be part of its ecosystem,” says Dominique Pouliquen, CEO, REALVIZ. “The expanded partnership with DS will bring tremendous value to our users, extending the scope of image-based modeling to 3D lifelike experiences.” REALVIZ’s VTour creates photorealistic 3D virtual tours of existing environments from a single photo or a panorama. Through innovative, image-based modeling techniques using polygonal primitives and automatic photo-texturing, the solution brings a new approach to creating 3D virtual environments in real-time applications.

“The combined solution will bring huge value for marketing and communications campaigns, ranging from product validation during the design phase, consumer tests, to training and more,” explains Florence Hu, vice president, R&D, [3DVIA](#), Dassault Systèmes. “Image-based 3D backdrops generated from REALVIZ’s VTour, when integrated with Virtools, will allow users to enjoy lifelike experiences merging real and virtual.”

With the new version of VTour, REALVIZ is introducing, for the first time in the content creation industry, the capability to create 3D HDR (High Dynamic Range) scenes. The 3D HDR scenes will allow designers and content creators to push the realism of their 3D renderings to previously unobtainable limits, through spatial image-based lighting (SIBL). The HDR textures maps and the corresponding 3D geometry created in VTour give depth to the real world lighting captured in the original photographs.

Partners, customers, and professionals from DS will gather at DEVCON, Dassault Systèmes developer conference in Paris, on June 26-27, 2007, to learn how to leverage the CAA partner program and discover the latest information about DS’s key technological advances. More information on DEVCON can be found at: <http://www.3ds.com/news-events/devcon>

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Seemage 4.2 Available in Japanese

27 June 2007

Seemage Inc. (<http://www.seemage.com/>) and Seemage master reseller Rikei Group (<http://www.rieki.co.jp/>) announced the availability of Seemage 4.2 in Japanese (Seemage 4.2J). Seemage 4.2J will premiere at the 18th Design, Engineering and Manufacturing Solutions Expo in Tokyo from June 27 through June 29.

Seemage 4.2J Makes Japanese Manufacturers More Competitive

Today, many Japanese manufacturers have achieved best-in-class productivity and quality using advanced 3D design products. Now, with Seemage 4.2J, Japanese industry can extend the use of digital design data to many more knowledge workers in the enterprise. Before Seemage 4.2J, these users did not have a compatible, secure and easy-to-use system available in Japanese to create content for manufacturing processes, service procedures, marketing, sales and more. Seemage 4.2J makes it possible for Japanese industry to continuously improve design and manufacturing processes by implementing a simple desktop-based application.

“Rikei Group’s mission is to help Japanese manufacturers develop new levels of productivity so they can remain globally competitive,” said Katsuei Aoyagi, President and CEO, Rikei Group. “With Seemage 4.2J, Rikei can now offer the full benefits of Seemage to many more users than before.”

Seemage 4.2J is based on the recently announced Seemage 4.2. Automatic regeneration of downstream deliverables, integration with Auto-trol Tech Illustrator™ and BOM fidelity are among the many enhancements in both Seemage 4.2 and Seemage 4.2J.

“We are very excited to have this impressive new version of Seemage available for Japanese customers,” said Bruno Delahaye, Vice President, Worldwide Sales, Seemage Inc. “We also are very pleased that Rikei Group is marketing, selling and supporting Seemage 4.2J. Rikei’s long experience and deep capabilities with digital product design ensure that customers will gain the maximum possible benefit from Seemage 4.2J.”

A Complete System for Product Documentation

The Seemage 4.2J system consists of Seemage Viz, Seemage Mockup and Seemage Publisher for creating product content from 3D CAD models. Seemage Player is freely distributable and offers users many useful features in addition to viewing Seemage-authored content.

Seemage 4.2J also includes Seemage Secure3D for security, Seemage Rights Manager for access control, Seemage Importers for data import, Seemage Sync for data synchronization and Seemage Clash for interference checking.

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Sidense Joins Chip Estimate's Prime IP Partner Program

27 June 2007

Sidense and Chip Estimate announced that Sidense has joined the Chip Estimate Prime IP Partner Program. As a Prime IP Partner, Sidense is enabling centralized access to information about the company's embedded, non-volatile memory (NVM) SiFuse and SiPROM IP cores at ChipEstimate.com™.

ChipEstimate.com was launched in 2005 to provide comprehensive chip planning capabilities to the electronics and semiconductor community. In addition to the comprehensive IP catalog, designers can use the InCyte software available through the website to plan their next chips and explore die size, power, leakage and cost tradeoffs. Sidense IP components can now be searched for and considered in chip estimations through the website.

"With the growing interest in embedded non-volatile memory for many mature and emerging markets, including entertainment, wireless, gaming, encryption and tracking, our low-cost, compact and secure IP is ideal for low bit-count fuse replacement and high bit-count EEPROM, Flash and ROM replacement," commented Steve Cliadakis, Sidense Vice President of Worldwide Sales. "The combination of centralized IP information and chip planning tools that allow IP exploration in a chip context will significantly help our customers find the best IP configurations and see many of the advantages Sidense IP offers."

"[Sidense](#) SIP is a great addition to the ChipEstimate.com IP catalog," commented Sean O'Kane, Director of Partner Alliances for Chip Estimate. "Their offerings address the needs of our designer community seeking non-volatile memory IP solutions for digital and analog devices."

A complete list of Chip Estimate's Prime IP Partners can be seen at <http://www.chipestimate.com/vendorlist.php>.

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SpaceClaim Professional 2007 Now Available in French and German; International Demand Drives Additional Language Support

27 June 2007

SpaceClaim Corporation announced the immediate availability of SpaceClaim Professional 2007 in French and German language versions. The introduction of these versions is in direct response to increased demand for SpaceClaim in these countries. The additional language support builds upon SpaceClaim's existing English and Japanese versions and further demonstrates SpaceClaim's commitment to the global market.

"We recognize the importance of providing local language support in many of the geographies we serve. Germany and France are particularly important because of their strong preference for working in their native language. The fact that we were able to add support for these languages within months of our product's introduction is one more example of our company's responsiveness to market demand," commented Howie Markson, SpaceClaim's Sr. Director of Marketing. "The growing need for usable 3D throughout the extended product development team is a global challenge, and SpaceClaim is committed to addressing the needs of manufacturers worldwide."

SpaceClaim has established itself as a technology leader in mechanical design automation by addressing the 3D needs of the extended product development team, which is underserved by traditional CAD tools. The modern, open, and powerful 3D design software is used by manufacturers across a variety of industries and geographies to expand and accelerate design contributions. SpaceClaim improves productivity for those doing concept design and those involved in downstream processes such as analysis and manufacturing. SpaceClaim also improves collaboration between manufacturers and suppliers by providing a CAD neutral solution for data exchange and modification.

Availability

SpaceClaim Professional 2007 is available in English, French, German, and Japanese languages. SpaceClaim products are sold as an annual lease for one or multi-year terms. SpaceClaim's lease includes software right-to-use, updates, upgrades, and support services for the length of the term. The software can be purchased and downloaded directly from the company's web site. For product information, please visit: <http://www.spaceclaim.com/>.

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Synergis Software Ships Adept PrintWave® to Automate Printing, Plotting and PDF Publishing from within Adept Document Management Software

21 June 2007

[Synergis® Software](#) announced the availability of Adept PrintWave®. Adept PrintWave enables single or batch mode printing, plotting, and PDF publishing both on- demand and in an automated mode, directly from the company's flagship Adept document management software. By integrating high quality PDF and hardcopy output with Adept's document control capabilities, PrintWave ensures the accuracy of information released to other departments, contractors, customers and vendors. Further, PrintWave enables Adept users to output large print jobs efficiently without monopolizing a workstation, and without the need for an expensive license of a CAD application on their desktop. PrintWave supports native application printing, plotting, and PDF publishing for AutoCAD®, Autodesk® Inventor™, SolidWorks® and Microsoft® Word and Excel.

"PrintWave does all the work for us so our users can stay productive, and combined with Adept, we know we have the right version of the files we are transmitting to our vendors," said David Vernon, Information Systems Manager, Amerex Corporation. "Our organization is moving away from paper, so the ability to generate automated and batch PDF output is a huge advantage for us. Plus the system is very easy to use and offers a great deal of flexibility."

Automated Printing, Plotting and PDF Publishing Extends Cost Savings and Process Improvement

Adept PrintWave further extends Adept's document control and process automation throughout the enterprise. Here are the key benefits PrintWave delivers:

Native application quality PDF or hardcopy printing and publishing right from within the Adept application. Users don't have to open a document in its native application to get a high quality print or plot; and management doesn't need to purchase expensive tools to generate PDF output.

Flexible printing and publishing. PrintWave allows users to generate on-demand hardcopy and PDF output from within Adept. Also an Adept administrator can configure Adept to automatically generate PDF or hardcopy output upon the release of a document to ensure that the latest version is available to those who need it.

Support for most popular CAD and business applications. At first customer ship, PrintWave supports plotting, printing and PDF publishing for AutoCAD, Autodesk Inventor, SolidWorks, and Microsoft Word and Excel.

Paper and PDF revision control. All PDF and hardcopy documents are controlled through Adept to ensure that the output is the correct version. Additionally, PrintWave adds a watermark to hardcopy output to help control released paper documents. This capability helps organizations easily conform to industry standards such as ISO, QS and other quality standard requirements for distributing controlled hard copy documents.

Consistent output standards throughout the organization. Adept Administrators can configure CAD output standards to ensure consistency and quality. For example, with AutoCAD drawings, paper size, scale, pen weights and color vs. black and white settings can all be configured. Once configured, all documents generated using PrintWave conform to the standards mandated by the organization.

Fast output of large print jobs. PrintWave uses a dedicated print server so large, batch output jobs do not monopolize a user's workstation.

Print and Publish across the enterprise. PrintWave accommodates multiple, concurrent output jobs easily and supports users across multiple sites.

Audit log. PrintWave maintains an audit log of all output to ensure successful processing.

Save commonly used print jobs. PrintWave allows users to save and recall large, commonly used print jobs to save time. This capability is especially beneficial for automating job orders, work packets and other repetitive, controlled hardcopy and PDF deliverables.

Reliable PDF publishing. Synergis Software has partnered with Bluebeam Software, Inc. to deliver trusted PDF creation technology.

Pricing and Availability

Adept PrintWave server software is available for SRP US\$6,000 with an annual maintenance of US\$1,750. Adept PrintWave is available worldwide directly from Synergis Software and through strategic partners across North America.

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Synopsys Teams With UMC to Port Mixed-Signal Connectivity IP to 90- and 65-Nanometer Process Technologies

27 June 2007

Synopsys, Inc. announced that it has teamed with UMC to port the Synopsys DesignWare® USB 2.0, PCI Express, SATA and XAUI PHY semiconductor intellectual property (IP) to UMC's 90-nanometer (nm) and 65-nm technologies. The [DesignWare PHYs](#) are highly complex, process-tuned analog interfaces used in today's high-volume, high-value consumer, computer, storage and networking SoCs. The DesignWare PHY IP provides 90- and 65-nm implementations of popular high-speed serial communications protocols, helping reduce risk, speeding time-to-market, and ensuring a more predictable path to silicon success.

The USB 2.0 nanoPHY for USB 2.0 is a mixed-signal IP core that is ideal for USB applications that require low power, small area, and PHY tunability. Combined with the DesignWare USB Device, Host

and On-The-Go controllers and verification IP, Synopsys' DesignWare USB IP provides designers with an easy-to-integrate, interoperable USB IP solution that can be quickly implemented into next-generation applications.

The DesignWare PHY IP for PCIe, XAUI, and SATA, combined with the respective DesignWare digital controllers and verification IP, delivers a complete set of IP solutions for these protocols. The PHY IP offers the lowest power (30 to 50 percent lower than competitive solutions), high performance margins, and small die area. In addition, the ATE test vectors and a unique built-in diagnostic engine enable at-speed production testing of the mixed-signal PHYs. The associated DesignWare verification IP enables a quick and efficient way to verify PCI Express designs using the latest functional verification methodologies.

"Many of our customers are seeking standardized interface IP for the USB, PCIe, SATA and XAUI protocol standards," said Dr. Chingchi Yao, senior director of Customer Design Support at UMC. "Synopsys' high-value cores are poised to allow chip designers to quickly obtain and integrate critical functionality into their designs and then ramp into volume production. We are taking an aggressive position in making reduced-risk IP available for leading-edge designs and are among the first companies to have Synopsys port their newest portfolio of mixed-signal IP to 65 nanometer processes."

"Synopsys continues its track record of providing customers with integrated, high quality IP solutions that support the latest process technologies," said John Koeter, senior director of marketing for DesignWare IP at Synopsys. "By working closely with UMC on developing the DesignWare IP in UMC's 90 and 65 nanometer processes, we are working to enable our mutual customers to achieve first-pass silicon success."

Availability

The DesignWare USB 2.0 nanoPHY for UMC's 90LL, 65-nm SP, and 65LL processes are expected to be available in the second half of this year. The DesignWare PHY IP for PCI Express, XAUI and SATA implemented in UMC's 90LL and 65-nm SP technologies are expected to be available in early 2008. The DesignWare verification IP and digital controller cores for USB 2.0, PCIe and SATA are available today.

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Tornos Certifies GibbsCAM Support of Tornos DECO [a-line] Machine Tools

26 June 2007

Gibbs and Associates, developer of GibbsCAM®, software for programming CNC machine tools, announced that Tornos S.A., Moutier, Switzerland, has certified GibbsCAM for programming the Tornos DECO [a-line] single spindle Swiss machine tools. This recent accomplishment was realized through the combined efforts of Gibbs, Tornos and Productec, the GibbsCAM Reseller located in Switzerland, who is also a developer of GibbsCAM application extensions. This certification recognizes GibbsCAM's ability to successfully generate part programs for three complex parts with multiple and diverse machining

operations with zero errors. The three programs were then loaded into a DECO 13a machine and executed, producing parts to print specifications.

“This certification is the successful outcome of an on-going collaboration between Gibbs, Tornos and Productec,” comments François Steulet, Productec’s CEO. “Working together, we were able to develop a specialized post processing solution which allows GibbsCAM MTM, an ideal programming environment for multi-task machine tools, to support the Tornos TB-DECO’s pulse style of programming.”

“We are extremely please for GibbsCAM to have received this certification from Tornos,” states Bill Gibbs, founder and president of Gibbs and Associates. “We have enthusiastically supported this effort led by Productec to support this rather unique series of machine tools. We look forward to an on-going collaboration to further advance our offerings.”

The companies have agreed to continue their collaboration, making improvements, advancements and additions to their respective software to give their mutual customers enhanced products in the future.

For more information about GibbsCAM and MTM programming solutions, or to locate your local GibbsCAM Reseller, go to <http://www.gibbscam.com/>, call 1-800-654-9399, or email info@GibbsCAM.com.

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TSMC and Cadence Collaborate on 65-Nanometer Design Flow for Wireless Designs

26 June 2007

Cadence Design Systems, Inc. and Taiwan Semiconductor Manufacturing Company ([TSMC](#)) announced that a technology collaboration focusing on nanometer wireless design has produced a new TSMC 65-nanometer RF process design kit (PDK) compatible with the new Cadence® Virtuoso® custom design platform, and downloadable RF, analog and mixed-signal (RF and AMS) design-flow demonstration packages for wireless designers. The new PDK and the Cadence best-in-class design methodologies provide all the foundation necessary to jumpstart a wireless system-on-chip (SoC) design using industry-leading process technology.

"With this collaboration, wireless chip designers now have a comprehensive set of interoperable design tools, methodologies and process technologies necessary to achieve shorter, more predictable design cycles for highly integrated, 65-nanometer RF and AMS designs," said Kuo Wu, deputy director of Design Service Marketing at TSMC. "The combination of TSMC process technology and libraries and Cadence design flow provides a full, end-to-end solution for designers of wireless SoCs."

The new TSMC 65-nanometer RF PDK and Cadence RF and analog design flow support the Cadence Virtuoso IC design platform. Representative blocks from the Cadence AMS Methodology Kit and Cadence RF Design Methodology Kit have been validated through the Cadence RF/AMS simulation environment, and are compatible with TSMC's PDK in 65-nanometer technology. The RF and AMS

design-flow demonstration packages are a part of the continuous collaboration between the two companies, to build and enhance comprehensive design infrastructures. Together, Cadence and TSMC focus on enabling support for designers of advanced SoCs, such as wireless and networking devices, which use analog, mixed-signal and RF technology in addition to digital content.

The demonstration packages contain TSMC 65-nanometer RF-enabled design examples for RF and AMS block creation, application notes and methodology documentation, and a design example-circuit database with complete execution scripts and flow, covering simulation, design creation and analysis, allowing designers to observe the complete flow in an actual design. The new Virtuoso IC based 65-nanometer RF PDK and TSMC's Nexsys? 65-nanometer LP standard cell library are both downloadable from the TSMC Web site.

"Both [Cadence](#) and TSMC recognize that collaboration on projects such as the 65-nanometer wireless design-flow demonstration package result in more holistic solutions that benefit the design community. In this effort, we're enabling designers in the wireless segment to improve the quality and predictability of advanced SoC designs," said George Kuo, group director of industry alliances at Cadence. "We are looking forward to continuing this technology collaboration and strengthening methodologies for application-specific design."

Availability

Designers can access the demonstration package from Cadence Web site starting July 1st, 2007.

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TSMC Qualifies Magma's Quartz RC Extraction Technology Files for 65-nm, 90-nm and 0.13-micron Designs

25 June 2007

[Magma Design Automation Inc.](#) announced that TSMC has qualified Quartz™ RC extraction technology files for 65-nanometer (nm), 90-nm and 0.13-micron designs. With Quartz RC and the Magma Blast and Talus™ RTL-to-GDSII systems, designers can address new variables prevalent in nanometer designs to deliver the required level of accuracy. TSMC customers can access the files through the secured TSMC website if they have an account or by contacting their TSMC representative.

Quartz RC is a gate-level parasitic extractor that offers comparable accuracy to Magma's proven 3D field solver QuickCap® NX -- a key component of Magma's "Sign-off in the Loop"™ ecosystem. When used in conjunction with the Magma Blast and Talus RTL-to-GDSII systems, it provides a correct-by-construction flow with accurate timing correlation between the IC implementation process and final silicon.

"Our qualification of Quartz RC technology files is in response to requests from customers using Magma software," said Kuo Wu, deputy director of design service marketing at TSMC. "Quartz RC technology

gives designers qualified rules that provide the highest accuracy for Magma tools, greatly increasing prospects for silicon success."

"We're very pleased to be working with TSMC to broaden our offering of tools and technology that help mutual customers deliver better results and faster turnaround time," said Kam Kittrell, general manager of Magma's Design Implementation Business Unit.

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TSMC Reference Flow 8.0 Includes Apache's Products for Ultra Low Power, Thermal, and IC-System Co-Design

28 June 2007

[Apache Design Solutions](#) announced that Taiwan Semiconductor Manufacturing Company (TSMC) Reference Flow 8.0 includes Apache's:

RedHawk-ALP for power integrity of switched memory and on-chip low drop-out (LDO) voltage regulators.

Sahara-PTE for thermal integrity including stacked chips.

Sentinel-CPM for IC-system power integrity.

TSMC's Reference Flow 8.0 features statistical timing analysis for intra-die variation, automated DFM hot-spot fixing and new dynamic low-power design methodologies. Reference Flow 8.0 is the latest generation of TSMC's design methodology that increases yields, lowers risks and improves design margins.

"TSMC continues to lead the market with advanced process technologies and flows, and we are pleased to see TSMC expand the use of Apache's product portfolio to address the growing needs of power and noise management," said Andrew Yang, CEO of Apache. "The ongoing collaboration between Apache and TSMC benefits our mutual customers and allows us to address their power and noise challenges and increase yield."

"TSMC has been collaborating with Apache for the past several years to deliver methodologies for advanced process technologies," said Kuo Wu, deputy director of design service marketing at TSMC. "Apache provides tools for improving accuracy of power and noise reduction methodologies in Reference Flow 8.0 that address design challenges at 65nm and 45nm, including advanced leakage management design techniques, thermal impact on leakage and timing, and IC-system co-design."

Managing leakage continues to be a challenge as designs move towards 45nm and below. To control leakage one of the techniques used is to apply MTCMOS or power-gating switches to memories.

RedHawk-ALP delivers analysis of memory behavior during “on,” “off,” and “power-up” modes with the capacity required for handling large GDS-based custom macros. In addition, RedHawk-ALP provides accurate modeling of on-chip LDO voltage regulator circuits with true transient behavior for full-chip power and noise analysis.

At advanced technology nodes, thermal impact on silicon performance is also a key concern, especially for stacked chips. Sahara-PTE delivers integrated power-thermal-electrical analysis and optimization to provide accurate views of how temperature and temperature variation impacts the chips leakage, timing, EM, and IR/dynamic voltage drop.

From a system perspective, the ability to perform better noise budgeting and optimal package selection early in the design process is important for reducing cost and minimizing design risk. Sentinel-CPM provides compact, SPICE-accurate model of the full-chip power delivery network that can be used by the package and I/O designers to accurately and efficiently analyze the system power and signal integrity (SI) behavior including inductor/capacitor (LC) resonance.

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TSMC Selects Magma's 3D Field Solver QuickCap NX

25 June 2007

[Magma® Design Automation Inc.](#) announced that TSMC has selected QuickCap® NX for parasitic extraction and designated it as the deviation comparison target for RC extraction tools on special pattern structures and real design samples such as critical nets. TSMC has qualified QuickCap NX technology files for its 65-nanometer (nm), 90-nm and 0.13-micron process technologies. TSMC customers can access the files through the secured TSMC website if they have an account or by contacting their TSMC representative.

TSMC selected QuickCap NX because the 3D extractor precisely models advanced process effects, such as optical proximity correction (OPC), chemical-mechanical polishing (CMP) and trapezoidal wires, as required for today's nanometer designs. This tool handles complex test structures and critical nets while delivering fast runtimes without compromising accuracy. In addition, QuickCap NX performs device-level extraction.

"QuickCap NX is fast, accurate parasitic capacitance extraction," said Kam Kittrell, general manager of Magma's Design Implementation Business Unit. We're pleased that TSMC, the world's largest foundry, recognizes QuickCap's ability to accurately predict sub-nanometer silicon performance.

"QuickCap NX is a 3D field solver that extracts and analyzes critical nets with high accuracy," said Kuo Wu, deputy director of design service marketing at TSMC. "TSMC uses QuickCap NX as the standard deviation comparison target for RC extraction tools on special pattern structures and real design samples. Magma provides designers the technology they need to meet their nanometer-level design requirements."

About QuickCap NX

QuickCap NX is used by major semiconductor companies as the reference standard for parasitic extraction. It is a highly accurate 3D extractor that precisely models advanced process effects such as OPC, CMP and trapezoidal wires. QuickCap NX is proven to closely correlate to exact analytical solutions and silicon measurements, delivering capacitance values that are within 1 percent of silicon measurements.

It provides dial-in accuracy and error-bounds reporting on each net, giving the user complete control and trust in the accuracy of results. Leading foundries have validated QuickCap NX's ability to more closely match silicon measurements. By taking process effects into account, the average difference between QuickCap NX capacitance values and actual silicon measurements has been reduced from 9.79 percent to just 0.11 percent.

QuickCap NX in the Magma Flow

QuickCap NX can be used for post-layout analysis in the Magma flow. QuickCap technology is also incorporated into the Blast Fusion® and Talus™ physical design software systems to support highly accurate timing and noise analysis during chip implementation. It is used to compute the highly accurate capacitance rules used within Blast Fusion, Talus and the Quartz™ RC sign-off extraction tool.

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UGS PLM Software Announces Performance Enhancing Zones for Massive Assembly Design in Solid Edge V20; New Functionality Provides Immediate Gain for Plant Equipment Design and Layout Users

27 June 2007

[UGS PLM Software](#), a division of Siemens Automation and Drives ([A&D](#)), announced key new features in its latest release of UGS Solid Edge™ V20 software to boost performance for users who design massive assemblies such as plant equipment.

UGS Solid Edge software is a powerful hybrid 2D/3D design system and a core component of the UGS Velocity Series™ portfolio that provides part and assembly modeling along with drafting, transparent data management, and built-in finite element analysis. The latest release - V20 - achieves a new milestone in the areas of massive assembly design, which often includes part counts well in excess of 100,000 components. Massive Assembly Design is a critical factor for the plant equipment design and layout industry.

With the inherent large data associated with this industry, users are often challenged with system performance as well as difficulties in managing large design teams. New features in Solid Edge V20, such as Zones and Drawing Review, focus on improving performance and streamlining collaboration.

“Many of the major modeling functions added to V20 focus on improving the ability to work with massive assemblies,” said Ray Kurland in TechniCom’s May 2007 review. “This is a tough problem to solve, often taxing the resources of even the fastest desktop processors. Solid Edge V20, in our opinion, has made substantial progress in this area and now has leading edge capabilities.”

Performance Enhancing Zones

Assemblies get massive not because of unique parts but often common parts used in multiple areas. Solid Edge V20 focuses on data reuse and replication by providing tools tailored at quickly replicating data.

V20’s Zones boost performance by opening a subset of the assembly while helping designers focus on their specific areas of design responsibility. Designers can define a permanent design envelope that isolates the sub system area of a large design for which they are responsible. Zone content is also kept up to date automatically.

“What’s important here is that by being able to define zones, each user only needs to open the zone they are responsible for, hence speeding overall system performance when working with extremely large assemblies,” said Kurland. “By defining a zone, every time the zone is opened, Solid Edge knows which parts are in the zone and therefore does not have to open additional components not in the zone.”

In addition, V20 introduces an inactive drawing mode for faster drawing access. It is ideal for designers that need frequent access to drawings of massive assemblies. This new drawing review mode allows users to open drawings in seconds and provides further detailing, annotating, reviewing and printing.

Likewise, designers can more easily create and edit massive assemblies with new fast assembly part replication. V20 improves the Copy, Move, and Rotate tools to help users both manipulate and replicate parts and assemblies or component groups.

For more information, visit <http://www.solidedge.com/v20>.



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