

CONTENTS

Due to the Thanksgiving holiday we are publishing our weekly newsletter on Wednesday rather than Friday.

Acquisitions	2
Bentley Completes Acquisition of STAAD Product Lines	2
i2 Signs Definitive Agreement to Sell Content and Data Services Business; Company to Sell Electronics Industry Databases and Tools to IHS Inc. for \$30 Million	2
netGuru Inc. Completes Sale of REI Business; Board to Recommend Use of Proceeds, Business Plan	3
Company News	4
Delcam Reseller SEACAM to Target Aerospace Industry in Brazil	4
GlobalAutoIndustry.com Launches New RFQ Response System as Part of Its Web-Based GlobalAutoCommunity for Automotive Suppliers Worldwide	5
RAND Worldwide® Adds 3D Functional Tolerancing and Annotation Course to PLM Training Line-Up	6
UGS Taps John Graham to Lead Global Sales and Services for Product Lifecycle Management (PLM) Industry Leader	7
Events News	8
Announcing AIRTEC 2006, the First International Trade Fair of its Kind for the Entire Supply Chain of the Aerospace Supplier Industry	8
Autodesk Hosts First Annual DWF Developer Conference	9
CAD Schroer on World Tour	10
Mastercam X and Direct for SolidWorks® on Display at SolidWorks World	11
Maximizing Competitive Advantage Through PLM (Live Internet Broadcast)	11
Right Hemisphere Showcases Product Graphics Management Technology at the Interservice/Industry Training, Simulation & Education Conference (I/ITSEC)	13
Schott Systeme Launch STEP Import at EuroMold 2005	14
Synergis Software to Educate Autodesk University Attendees on the Value of Data Management	15
Understanding Hazardous Materials Restrictions	15
Financial News	16
Agile Reports Second Quarter Fiscal 2006 Results	16
Delcam USA has Announced that its FeatureCAM Line of CAD/CAM Software Achieved Record Sales in the Month of September 2005	17
Implementation Investments	18
Avatech Solutions Selected by Auburn University to Develop Comprehensive Space Planning System	18
eInfochips Strengthens RTL-to-GDSII Design Service Capabilities, Adopts Magma IC Implementation Flow	19
Intergraph Signs Global Alliance Agreement with Siemens Power Generation	20
Magma Design Automation Partners with Anna University as Part of Its IC Excellence Initiative; Students of the College of Engineering Guindy Successfully Tape out a Telecom Chip Using Magma's RTL-to-GDSII Design System	20
Spescom Awarded Contract by Cadmus	21
Technia Delivers PLM System to Proximion	22
u-Nav Successfully Tapes Out Its Next Generation GPS Design, Achieves 22 Percent Power Reduction Using Blast Fusion, Blast Power and Blast Rail; Integrated Flow Provides Advanced Low-Power Design Techniques, Reduces Area and Increases Productivity	23
Whirlpool Launches its Customer-Centric Strategy With DELMIA PLM Solutions for Manufacturing	24
Winning Season: UGS Technology Helps Joe Gibbs Racing and Driver Tony Stewart Win the 2005 NASCAR® NEXTEL Cup Championship; UGS-sponsored Teams Seize Championships on Four Racing Circuits	25
Product News	26

Actify Announces Nine Updates to 2D & 3D Importers	26
MSC.Software Announces Support of Microsoft Windows Compute Cluster Server 2003	27
UGS Ships Velocity Series' Femap Version 9.1	28

Acquisitions

Bentley Completes Acquisition of STAAD Product Lines

22 November 2005

Bentley Systems, Incorporated announced that it has completed its acquisition of the Research Engineers International (REI) business from netGuru, Inc. The business features the STAAD.Pro line of leading structural engineering analysis software, which is now offered by Bentley worldwide.

STAAD.Pro facilitates the design of steel, concrete, timber, and aluminum structures for buildings, plants, tunnels, bridges, and more. It offers a state-of-the-art user interface, visualization tools, and advanced finite element and dynamic analysis capabilities for multi-material design.

Commenting on the acquisition, Buddy Cleveland, senior vice president, Bentley Software, said, "Bentley extends a warm welcome to all STAAD users—now numbering over 19,000 in more than 100 countries. I want to assure them that we will make their transition to the Bentley user community as seamless as possible by providing product support and services that are nothing short of world class."

Continued Cleveland, "The acquisition of the REI business underscores our common vision of integrating design and analysis, as well as of integrating analysis across the disciplines of building, plant, and civil. This unified, streamlined approach is already resulting in higher quality of work and accelerated design—benefits that this acquisition will serve to extend and expand."

Added Santanu Das, who served as netGuru's COO and is now Bentley vice president, product development, Integrated Engineering Group, "The opportunity to deliver best-in-class structural design solutions to the global market that Bentley serves with its broad line of software is unprecedented. Speaking for the entire REI organization joining Bentley, we are very excited about this synergy with Bentley and its comprehensive portfolio."

Bentley plans to continue developing STAAD.Pro as well as the next-generation STAAD.X product lines currently under development. These will include industry-specific analysis solutions that address particular needs for the design of bridges, transmission towers, commercial buildings, and offshore platforms.

In addition, Bentley will develop integrated solutions to provide 3D structural modeling, analysis, design, and documentation in a single environment, and will integrate STAAD products with its existing applications, such as MicroStation, Bentley Structural, Bentley Rebar, and the leading pipe stress application, Bentley AutoPIPE. These interoperating solutions will substantially boost quality and productivity by allowing users to work interactively with all of their critical applications.

 [Click here to return to Contents](#)

i2 Signs Definitive Agreement to Sell Content and Data Services Business; Company to Sell Electronics Industry Databases and Tools to IHS Inc. for \$30 Million

21 November 2005

CIMdata PLM Industry Summary

[i2 Technologies, Inc.](#), announced that it has signed a definitive agreement to sell its Content and Data Services (CDS) business to IHS Inc., an international provider of critical information, decision support tools and services, for approximately \$30 million. The Company is evaluating the accounting treatment of this transaction, and anticipates it will be treated as discontinued operations with prior period amounts reclassified to present the results of CDS separately. Additional details on the revenues and expenses of CDS will be provided when the transaction closes.

"The i2 Content and Data Services business is very well run and brings real value to its customers, but it did not play a role in our long term plans," said i2 Chief Executive Officer Michael McGrath. "We believe that the CDS customers, our shareholders and CDS employees will benefit from a more content-focused ownership, and that the divestiture will allow i2 to better focus on its core SCM business and goal of becoming a leader in next-generation supply chain management. The CDS customers are important to us and we are working together with IHS to ensure that the transition is smooth and that they have uninterrupted service."

"This transaction is another important step in our overall plan to improve our capital structure. The addition of \$30 million in proceeds would effectively eliminate our overall debt to cash gap and strengthen i2's balance sheet," said i2 Chief Financial Officer, Michael Berry.

Electronics Database, TACTRAC Obsolescence Management solutions, 4DOnline solution suite including Parts Universe and BOM Optimizer, environmental compliance offerings and professional data services are part of the i2 CDS business that are included in the acquisition by IHS. Upon final closing, those products and services will be sold under the IHS brand by existing i2 CDS resellers, in addition to the worldwide IHS sales organization and dealer network.

The transaction, which is subject to certain customary closing conditions, is expected to close in December 2005.

 [Click here to return to Contents](#)

netGuru Inc. Completes Sale of REI Business; Board to Recommend Use of Proceeds, Business Plan

21 November 2005

[netGuru, Inc.](#) announced the completion of the sale of the assets and business of netGuru's Research Engineers (REI) division to privately held Bentley Systems, Inc. for \$23.5 million.

The Company expects to realize approximately \$21.9 million in net proceeds, of which \$2.5 will be reserved for taxes and contractual reserves, \$3.4 million will be used to repay long-term debt, and approximately \$16.0 million will be used for general corporate purposes.

netGuru Chairman and Chief Executive Amrit Das commented: "After transaction costs, taxes, repayments of debt, and establishing contractual reserves, we anticipate adding approximately \$16.0 million to the Company's cash position."

"netGuru's board of directors and management are evaluating alternatives for using these funds as well as strategies for the Company," Das continued. "We are discussing the possibilities and expect to announce what netGuru's board of directors recommends as the best direction for shareholders and the Company."

 [Click here to return to Contents](#)

Company News

Delcam Reseller SEACAM to Target Aerospace Industry in Brazil

November 2005

Delcam reseller in Brazil, SEACAM, has begun a campaign to increase its business with the country's aerospace industry. This change in emphasis reflects Delcam's general strategy of moving outside its traditional market in the mould and die sector, and winning business from other areas of manufacturing.

The SEACAM campaign began with a series of events last month, including a reception organized by the Society of British Aerospace Companies, a seminar held together with leading machine tool supplier DMG, metrology equipment manufacturer Renishaw and cutting tool specialists Sandvik, and a series of presentations to major Brazilian aerospace companies, including Embraer, Gamesa and Sobrear. Delcam was represented by Paul Wilkinson, Professional Services Manager, who is responsible for a number of major contracts with UK aerospace companies.

Like all other areas of manufacturing, Brazilian aerospace companies and their subcontractors are under pressure to increase profitability and reduce costs. Delcam believes that its software can give significant improvements in two main areas – the machining and inspection of components. As the developer of both PowerMILL and PowerINSPECT the company is uniquely placed to help aerospace organizations improve efficiency in these areas.

Furthermore, Delcam offers a number of unique solutions based on this combination of software expertise, including on-machine verification and adaptive machining. Both of these technologies are extremely valuable to aerospace companies, especially to those manufacturing aerostructures and other large components.

"The aerospace industry offers some significant opportunities for us to grow our business," predicted SEACAM Director Alexandre Magdalon. "Recent developments in Delcam's software, especially the latest five-axis machining strategies in the PowerMILL CAM system, make it much more suitable for a range of aerospace applications, such as the production of aerostructures and the machining of blades and blisks. Delcam also has some specific technology for composites manufacture and these materials are being used increasingly in the industry."

"Delcam has become increasingly successful in the sector in the UK, with customers including major sub-contractors like Goodrich Engine Control Systems, Mettis Aerospace and the Hyde Group," added Mr. Magdalon. "We are confident that, with the strength of the software and our good reputation for supporting our customers, we can repeat this success in Brazil."

SEACAM, which is based in Sao Paulo, has represented Delcam in Brazil since its formation in 1993. Over the past twelve years, it has grown from its three founders to a staff of 36. Together with its seven sub-dealers throughout the country, it now makes up one of the largest, and most respected, CAD/CAM reseller networks in Latin America.

 [Click here to return to Contents](#)

GlobalAutoIndustry.com Launches New RFQ Response System as Part of Its Web-Based GlobalAutoCommunity for Automotive Suppliers Worldwide

23 November 2005

GlobalAutoIndustry.com, a worldwide portal and intelligence source for the automotive industry, announced the launch of a new RFQ response system as part of their web-based supplier community. GlobalAutoCommunity now allows automotive suppliers worldwide to post and view RFQ's.

GlobalAutoCommunity also allows suppliers to collaborate, track, and manage their own international supply chain as well as meet other suppliers from around the world—all this in a secure environment, from any computer, anywhere in the world.

GlobalAutoCommunity's new RFQ response system provides a secure environment to post RFQ's to specific suppliers or to all suppliers in the directory space. Data is exchanged between members on an invitation basis only, so no information is exchanged unless members want it to be.

"Following up on the feedback received by those suppliers who used the original version of GlobalAutoCommunity, we have a new RFQ response system so suppliers worldwide can post and view RFQ's", states Michael DaMour, Director of GlobalAutoIndustry.com, adding "with the targeted RFQ feature, suppliers can decide whether they want to show their RFQ's to all suppliers or just to the specific ones they choose."

Since the launch of GlobalAutoCommunity's new RFQ response system, besides a 30-day free 'test-drive', GlobalAutoIndustry.com has also been offering suppliers demo sessions in the Detroit area as well as online training sessions for suppliers located worldwide.

Here are other benefits GlobalAutoCommunity offers:

- directory lists of automotive suppliers and global experts
- targeted search features
- easy-to-use interface
- ability to organize, streamline, track, and centralize any type of project workspace
- improved team communication
- visibility to all steps of the project planning process
- ability to communicate, exchange and post information such as RFQ's, CAD files, purchase orders and more
- ability to view CAD files by using state of the art CAD visualization technology

All this is accomplished in a secure and controlled environment

GlobalAutoCommunity.com is powered by WebTrack, a next-generation, web-based project management and collaboration application, designed by Creative System Dynamics to make project management trouble free and straightforward.

GlobalAutoCommunity.com is a subscription-based service with an introductory \$95 monthly, per seat, user fee. A 30-day free 'test drive' is also currently being offered.

GlobalAutoIndustry.com connects the worldwide auto supplier industry with the resources to effectively do business globally. Through the web site, <http://www.GlobalAutoIndustry.com>, auto supplier executives can find insight, solutions and strategies focused on doing business in the world's top automotive markets.

Monthly eJournals provide targeted information and insight on doing business in foreign automotive markets and GlobalAutoIndustry.com Solutions provide effective international answers to suppliers' global business and operational needs. The Company's eJournals, including CHINAtalk, ASIAtalk, EUROtalk, AMERItalk, LATINtalk and GLOBALtalk HR, now reach over 23,000 automotive supplier subscribers worldwide.

Parent company, HCI Group Ltd., is based in Troy, Mich., with European headquarters in Amsterdam, the Netherlands.

 [Click here to return to Contents](#)

RAND Worldwide® Adds 3D Functional Tolerancing and Annotation Course to PLM Training Line-Up

17 November 2005

RAND A Technology Corporation operating as RAND Worldwide, announced that its Education Services division has released 3D Functional Tolerancing and Annotation to its extensive PLM course line-up for CATIA's 3D Functional Tolerancing and Annotation workbench. RAND's 3D Functional Tolerancing and Annotation course is designed to educate CATIA users in displaying engineering, manufacturing and assembly information directly on a 3D part, assembly or process model. Students taking the course will receive a thorough understanding of geometric tolerances, dimensions, notes and other annotations critical to the accurate and cost-effective creation of mechanical parts and assemblies.

“Traditionally, 3D shape and size data was only made available in 2D drawing format making it challenging for manufacturing, assembly, and fabrication teams to interpret and extract engineering data,” said Joe Oswald, Executive Vice President, RAND Worldwide. “Our 3D Functional Tolerancing and Annotation course will enable CATIA users to electronically communicate product design elements across the entire organization with a ‘3D everywhere’ philosophy.”

The 3D Functional Tolerancing and Annotation course complies with the industry and government initiated American Society of Mechanical Engineers' (ASME) Y14.41 3D standards for the creation and submission of model only, paperless design applications. The ASME Y14.41 standard was developed and is used by a variety of independent consultants such as Dassault Systèmes, The Boeing Company, Ford Motor Company, Raytheon Company, U.S. Department of the Army -TACOM-ARDEC, and General Motors Corporation.

RAND Education Services employs 50 full time, certified instructors globally and provides extensive, high-quality professional development programs for Autodesk®, Dassault Systèmes and PTC® software solutions. Courseware development services and knowledge products are also offered through its ASCENT – Center for Technical Knowledge division.

Along with its education services, RAND Worldwide offers a portfolio of internally developed software products, software development, and Product Lifecycle Management consulting and implementation services.

For additional information about RAND Worldwide’s education services, please visit <http://www.rand.com/education>.

 [Click here to return to Contents](#)

UGS Taps John Graham to Lead Global Sales and Services for Product Lifecycle Management (PLM) Industry Leader

21 November 2005

UGS Corp. announced the appointment of John Graham, who has been serving as UGS’ senior vice president for Sales and Services for the Americas, as executive vice president for Global Sales and Services. In this role, Graham will take responsibility for UGS’ sales, sales support and services delivery around the world and report directly to Tony Affuso, chairman, CEO and president of UGS.

Graham replaces Jim Milton, who is leaving UGS effective the end of November to pursue other opportunities outside the company.

Graham joined UGS in January 2005 from Capgemini, Inc., where, as vice president, Americas Sales, he led sales and sales operations in the Americas with additional responsibilities for platform alliances and Capgemini reseller operations. While at Capgemini, he also held the position of vice president, Global Sales Operations, building a team that delivered record corporate results. Prior to joining Capgemini, Graham served as one of five global division vice presidents for Siebel Systems, where he was responsible for a segment of the US and Latin American Geography, as well as several industry groups. He joined Siebel from EDS, where he held executive-level sales positions in the company’s government, commercial insurance and E.Solutions business units before taking on the role of Chief Sales Officer.

“We are excited to have John Graham take this critical position. He lives and breathes our company’s commitment to make our customers successful while helping them transform their process of innovation. John has the experience, breadth, vision and leadership that will drive our sales and services to new heights as we lead UGS and the PLM industry into an exciting future,” Affuso said. “We also thank Jim Milton for his fine service to UGS and wish him well in his future endeavors. He has extended the capabilities of our sales and services organization and helped us to drive our leadership in the PLM market.”

Graham received a Bachelor of Arts degree in business from the University of Mississippi and a Master of Business Administration degree from George Mason University. He served as an officer in the U.S. Navy for nine years. Graham lives in Dallas with his wife, Margaret, and their two children, Scott and Sarah.

UGS also announced that David Shook will succeed Graham as senior vice president and managing director of Global Sales and Services for the Americas and lead the company's sales, sales support and services delivery in the Americas. Shook, a 25-year veteran of UGS, was most recently vice president of sales and operations for the eastern half of the United States. In this capacity, he successfully led the company's largest region, in both revenue and earnings, for nearly 10 years. Shook is a graduate of Indiana University.

"I am thrilled to be entrusted with the responsibility to continue to drive our leadership in the market by serving our customers like no one else," Graham said. "We have had success building our market share in the Americas and I look forward to working with Dave Shook to increase our leadership even more in the Americas going forward. This is a great time to be with UGS."

 [Click here to return to Contents](#)

Events News

Announcing AIRTEC 2006, the First International Trade Fair of its Kind for the Entire Supply Chain of the Aerospace Supplier Industry

November 2005

Demat specializes in international technical fairs and conferences from conceptualization to organizing the whole trade fair with over 20 years of expertise as an organizer of novel technical exhibitions and scientific conferences with high international content: Techkeram, Coatech, Verbundwerk, EuroMold, Turntec, etc.

Euromold is the flagship trade fair of Demat for the past 12 years. Euromold deals with mold & tool making, design & application development. Euromold attracts more than 1,500 exhibitors and 60,000 visitors from 60 countries.

AIRTEC 2006, the first international trade fair of its kind for the entire supply chain of the aerospace supplier industry will be held from 17th Oct – 20th Oct 2006 in Frankfurt, Main, Germany.

DEMAT GmbH is the exhibition organizer for AIRTEC. It is a specialized trade fair for complete supply chain of the international supplier industry, dealing with engineering systems like:

- CAD/CAM, CAE, DMU & virtual reality, Testing, PLM, etc.
- Production components like Machine tools, Semi-finished materials, Castings & forgings, etc.
- Components & Systems like Cabin & cargo interior, Electrical parts, Engine parts, Hydraulics, etc.

- Lifecycle Support like Documentation, Logistics, Ground equipment, Repairs, Training, Diagnosis, etc.

AIRTEC will be the global meeting point for the aerospace supply chain in 2006 and an ideal platform for B2B communication between system suppliers & component suppliers. It is the first specialized trade fair for the complete supply chain of the aerospace supplier industry, from engineering to production, components & systems and life cycle support.

AIRTEC provides an opportunity for suppliers to meet qualified decision-makers such as purchasers, project managers, developers and managing directors from the complete aerospace industry worldwide.

AIRTEC announced that 13 leading countries of the world have confirmed their participation in this prestigious fair viz. Germany, Belgium, France, Great Britain, Italy, Luxembourg, Netherlands, Russia, Sweden, Czech Republic, Ukraine and the United States of America.

The percentage of confirmed exhibitors for the fair stands at 75% -Germany & 25%—other countries.

Additional information is available at <http://www.airtec.aero>.

 [Click here to return to Contents](#)

Autodesk Hosts First Annual DWF Developer Conference

21 November 2005

As a growing number of third-party developers expand their business by introducing software and hardware products that use DWF technology, Autodesk Inc. announced its first DWF Developer Conference on November 28, 2005 in Orlando, Florida. With support for DWF publishing and data management in Autodesk products, and more than nine million free* Autodesk DWF Viewer applications downloaded worldwide, software and hardware developers are capitalizing on the popular DWF platform to offer enhanced products and solutions that aid the distribution and management of design information to extended project teams.

The DWF Developer Conference will coincide with Autodesk University in Orlando at the Walt Disney World Swan and Dolphin Resort. The company will also formally launch a new DWF Developer Program that provides developers with world-class support and joint marketing activities. Members will gain access to Autodesk technical support teams, use of the DWF developer logo, listing on the Autodesk Web site, and additional marketing support including co-marketing funding to help bolster go-to-market programs.

"As design data increasingly serves more than just the design process, DWF provides a compact, secure means for design information to be accessed by those unfamiliar with CAD software presenting developers with an opportunity to fill a growing market need," said Jonathan Knowles, director of worldwide market development for Autodesk Collaboration Services. "Conference participants will find out how to develop with DWF to extend the reach of their applications to new users, our plans for the technology and how to partner with Autodesk to create new business opportunities."

To register for the DWF Developer Conference, visit <http://www.autodesk.com/au> and add the DWF Developer Conference to your Autodesk Developer Network (ADN) conference registration. To become an Autodesk DWF Partner, go to <http://www.autodesk.com/dwf-partners>.

* This product is subject to the terms and conditions of the end-user license agreement that accompanies download of this software.

 [Click here to return to Contents](#)

CAD Schroer on World Tour

November 2005

CAD Schroer's tour of PTC/USER World Events, which began in Florida this June, and will move to Japan at the end of November, recently reached Denmark, France and Germany, where Pro/ENGINEER users discovered how to maximise the value of existing designs, and add powerful, intelligent design and drafting functionality to Pro/ENGINEER: CAD Schroer's STHENO/PRO plug-in promises an end to legacy laments.

CAD Schroer GmbH (CSG), recently awarded the title of PTC®' "European Software Partner of the Year", received an enthusiastic reception by American engineers this summer. They lauded STHENO/PRO's ability to get all design data into a Pro/E compatible format, slash hardware, maintenance and system admin costs, and then save around 30% in design time by offering raster editing for legacy data, combined with intelligent drafting power tools. With a new release due out soon, CSG had even more ammunition at recent shows in Paris, France; Friedrichshafen, Germany; and Copenhagen, Denmark.

Gilbert Koch, one of CSG's Regional Directors, was impressed with the turn-out at the European events. "This year we met many high quality prospects, who were incredibly interested in STHENO/PRO," he enthuses, "Some people have been watching the product's progress for 2 or 3 years, and now they are fully convinced and ready to buy."

His colleague, Sales Department Manager Detlev Kohley, added, "In Friedrichshafen, several engineers told me how nice it was that, amongst all the presentations focusing on 3D, one company hadn't forgotten the importance of drawings. Others pointed out that STHENO/PRO would allow them to "catch" those colleagues who always find ways of working around Pro/E—but without confining them. STHENO/PRO means tighter and easier integration between departments."

Similar comments were made by Pro/E users in Copenhagen, while French engineers were especially impressed with STHENO/PRO's SMART Edit functionality, one of the many new productivity tools in Rev. 2.0, which previewed at the show. An intuitive mouse or numerical entry-driven design editing tool, SMART Edit delivers results by providing "parametrics on demand"—intelligently deducing geometric relationships during editing operations of newly-created, existing, and even imported data.

CSG emphasizes that STHENO/PRO is about supporting 3D users, not about reopening the 2D versus 3D debate. Michael Schroer, CSG's Founding Director, summarizes, "STHENO/PRO simply speaks to the realities of today's engineering world. While most companies have a 3D strategy, they still need to manage 2D drawings—older designs, customer and supplier data, or concepts which are better and more quickly produced in 2D. So we've created a tool that integrates with their 3D system and their database of choice, while providing some powerful extras. It was really gratifying to see the enthusiasm from

visitors at PTC/USER in the United States and Europe, and we are looking forward to Japan at the end of the month.”

 [Click here to return to Contents](#)

Mastercam X and Direct for SolidWorks® on Display at SolidWorks World

November 2005

Mastercam® Direct and the newly released [Mastercam](#) X CAD/CAM software will be showcased at the [SolidWorks World 2006](#) Conference in booth # 321 at Caesar’s Palace in Las Vegas. The Mastercam Direct for SolidWorks add-in offers SolidWorks users a new way to boost their productivity.

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

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

CNC Software, Inc. will also have the new Mastercam X software on display. Mastercam X delivers “smart” functions, a streamlined interface, powerful new cutting techniques, and much more.

 [Click here to return to Contents](#)

Maximizing Competitive Advantage Through PLM (Live Internet Broadcast)

Live Internet Broadcast

Sponsored by AMD, HP and Microsoft

Wednesday, December 07, 2005—2:00 p.m. EST (GMT -05:00, New York)

Estimated Length: 1 hour

[Click here to register for this Web-based conference.](#)

Conference Information

New product development is the lifeblood of every manufacturer—yet many firms fail to effectively manage innovation throughout their organizations. Without a disciplined process for development, design, manufacture, sales and service of new products, these firms can easily squander resources, time and market share to better organized competitors.

Fortunately, new PLM solutions can help manufacturers re-capture these opportunities while achieving economies of scale across the enterprise. In this Webcast, *Maximizing Competitive Advantage through PLM: Building a Manageable and Scaleable Architecture for Innovation*, you'll learn about a 5-step process for executives, engineers and IT professionals to build a well-designed PLM infrastructure that will simultaneously drive innovation and manage resources and costs more effectively.

Speakers

John Brandt

Chief Executive Officer

Manufacturing Performance Institute

John Brandt has spent more than two decades studying leadership in effective, purpose-driven organizations. An expert on how companies and communities can adapt themselves to the realities of new markets, corporate structures and customer expectations, he is an accomplished leadership and management innovator.

Brandt combines experience in marketing, management and consulting with a passion for journalism that has earned him more than 20 awards. Most recently he served as president, publisher and editorial director of Chief Executive where his leadership transformed it from an also-ran into one of publishing's most surprising comebacks. Previously, Brandt was publisher and editor-in-chief of IndustryWeek. Under his leadership, IndustryWeek won more than 70 editorial awards for excellence while more than doubling its revenues. He continues to write a column for IndustryWeek.

Phil Raymond

AMD

Gareth Evans

Global Product Development Solutions Practice Leader

Hewlett-Packard Company

Gareth Evans is HP's Global Product Development Solutions Practice Leader. He is responsible for the strategy and development of HP's Collaborative Product Development (CPD) and Product Lifecycle Management (PLM) solutions business globally. He particularly focuses on blending HP intellectual

property with hardware, software and services delivery capabilities creating relevant solutions for HP's customers.

Evans joined HP's PLM unit in 2000 as the Service Development Manager. With more than 20 years experience applying PLM, PDM and CAD/CAM, he has worked with both large multinational corporations and small local firms, as both a user and supplier of high technology in discrete manufacturing.

Evans is a frequent speaker at industry events and represents HP as a member of the University of Michigan Product Lifecycle Management Development Consortium.

Evans has certification in configuration management II from the ICM and Arizona State University USA and holds an associate's degree in mechanical and production engineering from People's College, Nottingham University UK. He is based in Toronto, Canada.

 [Click here to return to Contents](#)

Right Hemisphere Showcases Product Graphics Management Technology at the Interservice/Industry Training, Simulation & Education Conference (I/ITSEC)

21 November 2005

Right Hemisphere® announced its attendance at the I/ITSEC show in Orlando, Florida. Right Hemisphere will demonstrate its product graphics management technology, a preferred solution chosen by nine of the top 10 market leaders in aerospace and defense, to manage their product graphics, generate interactive 3D courseware and more.

Right Hemisphere will host booth #1167 at the show from November 29 through December 1, 2005. Through interactive pods and on-stage presentations, Right Hemisphere will provide guests in pursuit of improved training and education programs from the armed services, industry, academia and various government agencies an inside look at its products, including Deep Server™, Deep Explorer™ and Deep Creator™. It will participate in the show alongside of several of its customers, including Lockheed, who has relied upon Right Hemisphere technology to generate some of their own highly impressive and exemplary training and simulation programs.

Hundreds of high-profile training and simulation programs will be unveiled at the I/ITSEC show next week, and Right Hemisphere's technology could have offered many of their developers significant process improvements and cost reductions. Many aerospace and defense companies have already realized that Right Hemisphere software is a fast, accurate and cost-effective alternative to the traditional courseware development methodology which is largely manual, error-prone, very time-consuming and expensive. By automatically translating the original engineering data with Right Hemisphere software, users can now introduce more interactive 3D content into their courseware to make it more engaging and effective and meet the demands of their courseware consumers.

"Right Hemisphere's technology has enabled MAROPS to create and integrate complex 3D models into interactive training applications for a number of organizations including the Royal New Zealand Air Force, Raytheon, British Aerospace and the Royal New Zealand Navy. As a result, we have successfully demonstrated a cost effective and powerful means to deliver high impact 3D training content to our customers," said Andrew Howes, technical director at New Zealand-based MAROPS. "Our customers are happy because we have increased their training effectiveness and substantially reduced the class training time. Also, we are able to deliver training content quicker and make updates faster."

Right Hemisphere's flagship product, Deep Server, addresses a new category of enterprise software called Product Graphics Management (PGM). PGM integrates CAD/PDM and publishing applications, automates 2D and 3D graphics publishing processes, and manages product graphics in all leading modeling and graphic formats. With Right Hemisphere's solutions, customers leverage existing CAD assets and integrate graphics into leading ERP, DCC or dynamic publishing applications to deliver 2D and 3D graphics throughout the enterprise. These solutions are implemented quickly to automate graphics transformation and authoring, and optimize the graphics publishing process for product communications and support offerings. Supporting over 120 2D and 3D formats, Right Hemisphere's technologies provide a unified repository to easily retrieve data, a searching interface as easy to use as Google®, and a secure and managed environment for proprietary data and access control.

For more information on MAROPS, email: contact@marops.net or see: <http://www.marops.net>.

 [Click here to return to Contents](#)

Schott Systeme Launch STEP Import at EuroMold 2005

November 2005

German based CAD/CAM developer Schott Systeme GmbH will be launching their new STEP translation for the import/export of 3D solid data at [EuroMold 2005](#) in Frankfurt.

The STEP import/export will be included within their new data exchange package 'Exchange 3.2' helping users of their 'Pictures by PC' CAD/CAM software to import 3D CAD data from other design systems. Unlike normal CAD systems, 'Pictures by PC' is used by its customers for a much wider range of purposes such as concept design, graphic design, mold tool, prototyping and engraving. Because of this unusual scope, the software have the ability to cater for more obscure data formats such as EMF, HPGL and DXF for 2D, AI and EPS (Adobe and Corel) for graphic design, SAT and STEP for 3D solids, IGES and VDA.FS for 3D surfaces and STL, OBJ wavefront and 3DS 3D Studio for mesh models. Also not forgetting the ability to automatically import, vectorise and smooth bitmap images. For more information <http://www.schott-systeme.com>. Or visit EuroMold 2005 Hall 6.0 Stand B84.

With its headquarters based in Munich —Germany, Schott Systeme GmbH is an independent company since more than 20 years, specializing in the development of CAD/CAM and IT solutions for all sectors of manufacturing including automotive, aerospace, mold tool and general engineering companies. Its low cost CAD/CAM software Pictures by PC includes design tools for 2D mechanical drafting, graphic design, business graphics, professional font work, 3D solid modeling, 3D surface modeling, photorealistic rendering and model import and repair. Machining tools include 2.5D milling and drilling,

3D surface milling, 3+2 axis multi sided milling and engraving. Additional modules exist for wireEDM, turning and 5 axis simultaneous machining.

 [Click here to return to Contents](#)

Synergis Software to Educate Autodesk University Attendees on the Value of Data Management

21 November 2005

[Synergis Software](#), an independent division of Synergis Technologies, Inc., announced its three-step approach for helping attendees considering a data management (DM) solution make the most of their participation at Autodesk University in Orlando, Florida from November 28 – December 1, 2005. First, attendees can drop by Booth #400 to speak with the industry's leading EDM experts and get a demonstration of Synergis Adept® 6, a solution that offers a combination of powerful functionality, ease of use and implementation, and affordability for organizations that want to significantly increase their productivity and bottom line today without breaking the bank. Next, attendees should pick up a free copy of Synergis' popular Document Management Buyer's Guide — the industry's best tool for knowing the features and pitfalls to look out for when selecting a DM system. Lastly, attendees should sit in on session "CD15-2: Document Management Nuts and Bolts" at 5:00 p.m. EST on Monday, November 28, 2005. The presenter, Synergis Software's Director of Research and Development, Todd Cummings, is back by popular demand for the fifth time.

The "Document Management Nuts and Bolts" session addresses the latest technical considerations of implementing a document management system, including vaulting, network configuration options, legacy data migration strategies, Internet access, and integration with CAD applications and related business documents. The class is designed for CAD, engineering, and IT managers, and other technical evaluators who want to understand the system requirements and impact of implementing data management systems within the organization.

 [Click here to return to Contents](#)

Understanding Hazardous Materials Restrictions

November 2005

Avnet Electronics Marketing and Arena Solutions invite you to attend a free seminar devoted to enhancing your company's ability to comply with fast-approaching environmental compliance directives, including WEEE and RoHS.

Don't miss this opportunity to learn more about how these directives will impact your inventory management practices and to gain insight into how to minimize potential supply chain disruptions. You will also have the chance to ask the experts to recommend strategies for overcoming challenges specific to your organization.

DATE, TIME & LOCATION:

Chicago, IL

Minneapolis, MN

[Driving Directions / Map](#)
Starts: 12/7/2005 9:00 AM
Ends: 12/7/2005 1:00 PM
Marriott Chicago O'Hare
8535 West Higgins Road
Chicago IL 60631

[Driving Directions / Map](#)
Starts: 12/8/2005 10:00 AM
Ends: 12/8/2005 1:00 PM
Holiday Inn Select Hotel & Suites
3 Appletree Square
Bloomington MN 55425

[Registration and Event Information](#)

COST:

FREE to qualified manufacturers

 [Click here to return to Contents](#)

Financial News

Agile Reports Second Quarter Fiscal 2006 Results

21 November 2005

Agile Software Corporation announced results for the second quarter of fiscal 2006, which ended October 31, 2005. Total revenues for the quarter were \$31.5 million, compared to \$28.2 million for the second quarter of fiscal 2005. License revenues for the second quarter of fiscal 2006 were \$10.1 million, compared to \$11.2 million for the second quarter of fiscal 2005.

Net loss for the second quarter of fiscal 2006, on a generally accepted accounting principles (GAAP) basis, was \$4.0 million, or (\$0.07) per share, compared to a net loss of \$92,000, or (\$0.00) per share, for the second quarter of fiscal 2005.

Non-GAAP net loss for the second quarter of fiscal 2006, which excludes amortization of intangibles and stock compensation, was \$1.6 million, or (\$0.03) per share, compared to a non-GAAP net income of \$672,000, or \$0.01 per share, for the second quarter of fiscal 2005. Reconciliation between our net income (loss) on a GAAP and non-GAAP basis is provided in a table immediately following the non-GAAP Condensed Consolidated Statements of Operations below.

Management Commentary

"Revenues were up year-over-year, but down sequentially," said Bryan Stolle, Agile chief executive officer. "While PLM remains the hottest segment within enterprise software sector, the demand picture in the overall enterprise software sector is still difficult, creating challenges in delivering predictable results. Overall, we are optimistic about the PLM segment, but we are experiencing somewhat inconsistent results due to unpredictable customer capital spending patterns."

"We remain optimistic about the long-term prospects for our business and for PLM, though we are disappointed in the Q2 results," said Jay Fulcher, president and COO. "Agile continues to win in the market, and Agile customers continue to broaden their deployment of our solutions. In the second half of our fiscal year we will be focused on driving more predictable revenues and improved bottom line performance while continuing to deliver value to our customers."

Customer Wins and Expansions

Organizations that purchased new or additional licenses of Agile's PLM solutions include: Advanced Medical Optics, Alps, Alcatel, Analogic, Arthrocare, Braun, Chunghwa, Cisco, Eastman Kodak, Flextronics, Harris, Hill-Rom, Hitachi, IBM, Intier, Intuitive Surgical, Inventech, Lockheed Martin, Matsushita, Metaldyne, Panasonic, Philip Morris International, Philips, SanDisk, Sanmina SCI, Siemens, Tellabs, Texas Instruments, Thyssen Krupp and Welch Allyn.

Conference Call Details

Agile will discuss its second quarter results and management's forward looking guidance on a conference call today beginning at 2:00 p.m. Pacific Time. You may access replays of the Web cast for ninety days after the call at <http://www.agile.com/investors>. Financial and statistical information to be discussed in the call will be available on the company's Web site immediately prior to commencement of the call. Additional investor information can be accessed at <http://www.agile.com> or by calling Agile's Investor Relations at 408-284-4011.

Non-GAAP Financial Measures

In addition to reporting our financial results in accordance with generally accepted accounting principles, or GAAP, we are also providing with this press release non-GAAP net income (loss) and non-GAAP net income (loss) per share information. In preparing our non-GAAP information, we have excluded where applicable, stock-based compensation (a non-cash charge), acquisition-related amortization of intangible assets and acquired in-process research and development (non-cash charges), acquisition related compensation (a non-recurring charge), and restructuring and other charges. Because of the non-recurring or infrequent nature and/or non-cash nature of several of these charges, we believe that excluding them provides both management and investors with additional insight into our current operations, the trends affecting the Company and the Company's marketplace performance. In particular, management finds it useful to exclude the non-cash charges in order to more readily correlate the Company's operating activities with the Company's ability to generate cash from operations, and excludes the non-recurring and infrequently incurred cash items as a means of more accurately predicting liquidity requirements. Accordingly, management uses these non-GAAP measures, along with the comparable GAAP information, in evaluating our historical performance and in planning our future business activities. Please note that our non-GAAP measures may be different than those used by other companies. The additional non-GAAP financial information we present should be considered in conjunction with, and not as a substitute for, our financial information presented in accordance with GAAP.

Detailed financials are available at <http://www.agile.com/pressreleases/index.asp?view=485>.

 [Click here to return to Contents](#)

Delcam USA has Announced that its FeatureCAM Line of CAD/CAM Software Achieved Record Sales in the Month of September 2005

November 2005

The month's revenue exceeded the average revenue of the prior 10 months by 44 percent – with U.S. direct sales increasing 55 percent, sales by U.S. resellers growing 53 percent, and international sales posting a 46 percent rise.

Randy Wightman, Vice President of Sales and Marketing, attributed the sales success to FeatureCAM's ease of learning and use, affordability, and extensive product selection; as well as the efforts of the company's strong U.S. direct and reseller sales channel.

Mr. Wightman noted that new international resellers have been authorized in Australia (Complex Pty Ltd), Brazil (SEACAM Servicos e Comercio Ltda), Korea (Hankook Delcam), and South Africa (AZtech—Design & Manufacturing Technology) with several more ready to join the FeatureCAM reseller family. "Although the new resellers have not been a major factor in the revenue increase thus far, they will be a significant factor in the near future," he said.

Delcam USA is a member of the Delcam Group, the largest CAM-focused company in the world. Delcam USA develops and markets FeatureCAM CAD/CAM software, which combines feature-based technology with ease of use. Fast and efficient, FeatureCAM automatically creates operations from part features containing all of the necessary machining parameters. FeatureCAM products provide a full range of CAD/CAM solutions including FeatureMILL2.5D, FeatureMILL3D, FeatureTURN, FeatureTURN/MILL, FeatureWIRE, FeatureRECOGNITION and more. FeatureCAM products are distributed through a worldwide network of direct salespeople and independent dealers. Delcam USA is headquartered in Salt Lake City, Utah.

 [Click here to return to Contents](#)

Implementation Investments

Avatech Solutions Selected by Auburn University to Develop Comprehensive Space Planning System

22 November 2005

Avatech Solutions, Inc. announced its Facilities and Asset Management Team has won a significant contract with Auburn University.

After a rigorous RFP competition, Auburn University has selected Avatech Solutions to develop a Space Planning system to track and account for the university's space demands and uses. The new system will utilize best-in-class technology in support of key business objectives for the Office of Campus Planning & Space Management in the areas of Capital Projects Planning, Campus Master Planning, Space Planning & Management and Real Estate Planning.

"We are thrilled that Auburn University selected our Facilities and Asset Management team for this contract. The higher education sector is a targeted area of planned growth for our company," said Scott Harris, COO at Avatech. "As Avatech continues to win impressive contracts with esteemed institutions

such as Auburn University, we are gaining a reputation as a leading provider of Facilities Management solutions for top universities and colleges across the country."

Avatech will be implementing a space management system for Auburn utilizing technology from Autodesk, ARCHIBUS/FM and Idisis. This system will enable the university to more effectively utilize government and private grant funding by centralizing space management functions. The system leverages Autodesk MapGuide's ability to share detailed facilities related information campus wide through a universally accessible web interface.

 [Click here to return to Contents](#)

eInfochips Strengthens RTL-to-GDSII Design Service Capabilities, Adopts Magma IC Implementation Flow

21 November 2005

Magma® Design Automation Inc. announced that eInfochips, Inc., a chip and product design services firm with silicon-to-system capabilities, has strengthened its integrated circuit (IC) design and verification capabilities. The company has adopted Magma's Blast Create™, Blast Fusion®, Blast Power™, Blast Rail™ and Blast Noise® implementation software and has added expert designers to its staff. With advanced electronic design automation software, proven methodologies and skilled engineers, eInfochips can offer comprehensive, RTL-to-GDSII design and verification of systems on chip (SoCs) for the computing, consumer electronics and communications markets.

"To meet the performance, turnaround time and budget requirements of our worldwide semiconductor customers, eInfochips uses the most advanced technology," said Tapan Joshi, eInfochips' vice president of marketing. "We selected the Magma software as the foundation of our design services expansion because it provides critical capabilities for sub-nanometer design. Integrating logic and physical design into a single environment ensures a smooth ASIC hand-off. The Magma system's ability to concurrently address timing, power, area, signal integrity and yield, allows us to identify and correct problems early in the flow, accurately predict design results and shorten design cycles."

"eInfochips has an impressive track record, having completed over 80 chip design and verification projects for large semiconductor and fabless chip companies," said Atreya Nagaraja, director of India & ASEAN sales of Magma Design Automation. "With the right combination of technical capabilities and market expertise, we are pleased to add them to the list of design centers that can support our growing customer base in India."

eInfochips Inc., based in Santa Clara, is a provider of cutting edge ASIC design and verification services, Embedded systems solutions and IP cores. Their capabilities extend from Specification to System, with knowledge on ASIC design & verification, physical design, board design and embedded firmware development. The company's India and US design centers have delivered SoC and Embedded solutions to a variety of customers thus increasing their cost-effectiveness, reducing their time-to-market and growing their market strength. A partial list of customers includes ATI, Rambus, Texas Instruments, Cisco, Cypress Semiconductors, Sun Microsystems, Philips, Broadcom, AMCC. Website:

<http://www.einfochips.com>.

 [Click here to return to Contents](#)

Intergraph Signs Global Alliance Agreement with Siemens Power Generation

22 November 2005

[Intergraph Corporation](#) announced that it has signed a five-year, multimillion-dollar Global Alliance Agreement with the Power Generation group of Siemens AG to standardize worldwide on Intergraph's SmartPlant Enterprise suite of software and engineering integration technology.

The agreement includes services and the total SmartPlant® software portfolio of Intergraph Process, Power & Marine. Applications range from SmartPlant Foundation for information and workflow management to the engineering and design tools such as SmartPlant 3D, SmartPlant P&ID, SmartPlant Instrumentation, SmartPlant Electrical and MARIAN® for material and supply management.

“Because of the high degree of interdisciplinary integration of the new SmartPlant software, we expect a further increase of productivity and quality within engineering as well as increased collaboration from the implementation of our global work share concept. The possibility of integrating third-party software via Intergraph's integration adapters and the use of open interfaces to support the communication with external partners provides increased opportunities for an even more efficient support of our engineering processes,” explains Frank Schnabel, Head of Plant Engineering, Siemens Power Generation, Energy Solutions division.

Gerhard Sallinger, president of the Intergraph Process, Power & Marine division, said: “Once again, Intergraph competed for a large contract, and once again, Intergraph has been selected. Siemens' decision demonstrates our global leadership in the Power Industry with more than 100 companies using our software to design and operate power plants of all types and size.”

 [Click here to return to Contents](#)

Magma Design Automation Partners with Anna University as Part of Its IC Excellence Initiative; Students of the College of Engineering Guindy Successfully Tape out a Telecom Chip Using Magma's RTL-to-GDSII Design System

21 November 2005

Magma Design Automation India, a wholly owned subsidiary of Magma Design Automation Inc. announced that it has partnered with Anna University, one of India's leading educational institutions, as part of its initiative to increase the number of professionals trained on state-of-the-art IC implementation tools. The partnership has already resulted in the successful completion of a telecom chip. With Magma's integrated RTL-to-GDSII design system, the students of ECE Department of the College of Engineering, led by Dr. P.V. Ramakrishna, were able to tape out the general-purpose CDMA receiver quickly while meeting the timing and area goals, and maintaining power and signal integrity.

"We would like to thank Magma Design Automation for providing advanced technology, dedicated support and in-depth training for our students," said Prof. N. Gunasekaran, head of the ECE Department on the CEG Campus of Anna University. "We are enthused by the rapid tape out and will expand our VLSI course offerings using Magma as the IC implementation vehicle."

"With the semiconductor industry in India entering an exciting new growth phase, it is imperative that we train more engineers on advanced VLSI design to bridge the current talent gap," said Dr. Anand Anandkumar, managing director of Magma Design Automation India. "The successful and rapid completion of the telecom chip demonstrates both the quality of the talent available in Indian universities, as well the exceptional capabilities and turnaround time enabled by the Magma tools."

Anandkumar added, "This partnership has special significance to me because I am an alumnus of Anna University. It is gratifying to give back to one's alma mater."

Magma's IC Excellence Initiative trains designers on cutting-edge electronic design automation (EDA) technology to meet the growing demand for VLSI design expertise in the Indian semiconductor industry. By providing a highly automated IC implementation system, Magma enables designers to focus on product innovation. With access to the latest technology through the engineering curriculum, Indian designers can expand IC design capabilities, thus bridging the academia-industry gap. Under the program, Magma India works closely with VLSI heads of top-tier engineering institutions providing training material, applications engineering support and software licenses. The initiative encompasses the launch of an IC Physical Design PG Diploma Course through leading VLSI training institutions in India, collaboration with leading corporations and partnering with the government of Karnataka and the government of India's Department of IT.

 [Click here to return to Contents](#)

Spescom Awarded Contract by Cadmus

18 November 2005

Spescom Software Inc announced that Cadmus, a major New Zealand-based supplier of EFTPOS (Electronic Funds Transfer at Point Of Sale) equipment, has made its first purchase of the company's eB product, for the purposes of controlling and distributing information regarding the components used in their manufacturing processes.

Cadmus is a provider of secure payment solutions to the debit, credit and smartcard markets. These solutions include payment terminals, back room host based systems, terminal software and a range of industry specific applications. As New Zealand's largest exporter of EFTPOS terminals with branches throughout New Zealand and now Australia, Cadmus has a strong and rapidly growing presence in Malaysia and Singapore, with distributors in the United Arab Emirates and Northern Africa. Cadmus designs and develops its own software development tool kit (M-Builder), network interfaces, and security modules. Cadmus also manufactures and finances their products into the market.

"This new contract is evidence that eB can meet the needs of a diversified range of organizations," Keith Stentiford, Spescom Software's CEO stated. "We are very pleased that Cadmus selected our eB

application after a careful assessment of alternative vendors. From the outset Spescom eB will complement and extend their recently-chosen PDM system; allowing the creation of controlled assemblies and parts that will provide baselines and Bills of Materials for planning their production requirements. In time, eB is expected to extend to Cadmus' component suppliers and client contacts. We are also delighted that eB is reaching into the Asia Pacific Region which is an endorsement of the international operations of Spescom Software."

 [Click here to return to Contents](#)

Technia Delivers PLM System to Proximion

21 November 2005

Technia, a leading Nordic supplier of solutions for lifecycle management of product information, has signed an agreement with Proximion Fiber Systems concerning implementation of a Product Lifecycle Management (PLM). Technia will deliver and implement a solution based on Matrix for management of product data, which supports company's internal development process.

Proximion develops, manufactures and delivers high technology products for fiber network to global markets. As a relatively newly established company, in a strong expansion, Proximion lacked an IT support for management of product data. Proximion considered a number of different options and chose a PLM solution based on Matrix from Technia.

"Our products are technically advanced with many different variants. This generates a big amount of product data. We noticed in an early phase that we needed a PLM-system that supports our internal development process and at the same time makes it possible for us to continue growing without increasing the company's total expenses. Selection of Technia and Matrix is founded on the solution's strong dominance within telecom/ high-tech industry and Technia experience and understanding of our business needs" says Stefan Ekman, CEO, Proximion.

According to agreement, Technia will deliver a solution based on Matrix PLM platform combined with Engineering Central and Technia own additional module, Technia Value Components. System, that estimates to be on use in the beginning of 2006, will be operating as a support for all approximately 100 Proximion employees.

"We are naturally proud of that Proximion chose Technia as a partner for their investment in PLM. This new deal establishes our existing strong position within telecom/high-tech and SME segment. At the same time, it is a unique possibility since it consists of delivering an IT solution to a newly established company where the client can adapt to the best practices from the beginning. In a project such this one, there is a truly chance to utilize all the possibilities that a modern and flexible Matrix PLM-system provides" says Staffan Hanstorp, CEO, Technia.

 [Click here to return to Contents](#)

u-Nav Successfully Tapes Out Its Next Generation GPS Design, Achieves 22 Percent Power Reduction Using Blast Fusion, Blast Power and Blast Rail; Integrated Flow Provides Advanced Low-Power Design Techniques, Reduces Area and Increases Productivity

21 November 2005

Magma® Design Automation Inc. announced that u-Nav, developer of the world's smallest and ultra-low-power Global Positioning System (GPS) IC solutions, has successfully taped out a 50mW, 0.18-micron CMOS GPS single chip design using Blast Fusion®, Blast Power™ and Blast Rail™. Targeted for use in a variety of consumer products including cell phones, the device has multiple power domains and tight area requirements. With its ability to concurrently address critical design considerations including power, timing and area, the Magma software enabled u-Nav to achieve a 22 percent power reduction while reducing die size. In addition, u-Nav utilized Magma's built-in extraction engine for design sign-off. This integrated flow allowed u-Nav to make changes and turnaround the design in less than a day, significantly reducing the design cycle.

"As the complexity of our GPS solutions increases, power management and optimization become critical," said Pete Maimone, u-Nav vice president of Product Development. "This design had three power domains. If we had used a point-tool flow we would have had to handle them hierarchically. The Magma system enabled a virtually flat multi-Vdd methodology in which power was optimized within and across each domain. Magma's integrated approach, advanced technology and committed application engineers were all critical to our design success."

"Creating optimal low-power designs requires the ability to make accurate and efficient tradeoffs such as timing-versus-power and area-versus-power at different stages of the design flow," said Premal Buch, general manager of Magma's Design Implementation Business Unit. "We're pleased that u-Nav was able to leverage Magma's low-power design methodology for this important design."

Advanced Low-Power Design Techniques Integrated with Implementation

With Blast Power as part of the Magma implementation flow, designers have a comprehensive low-power design methodology. Early in the design flow Blast Power enables dynamic power reduction by recognizing special directives in the RTL to insert power gating cells and retention flops. Blast Power also supports architectural optimization to select the right architecture to minimize power, based on the power constraints. By using multiple variable threshold voltage (multi-Vt) libraries, Blast Power maximizes leakage power reduction. Multi-threshold CMOS (MTCMOS) switches are used to connect the global constant power rails to the local switched power rails. These switches effectively allow certain blocks in the design to be powered off depending on the mode of operation of the chip, thereby significantly reducing leakage power. For designs that have different voltage islands, Blast Power can optimize within each voltage domain using the appropriate cells. It also enables voltage versus frequency scaling to perform timing and power analysis for different operating conditions. To further accelerate the design cycle Blast Power includes automatic power-grid synthesis, enabling designers to automatically generate power grids based on specified constraints.

u-Nav is a privately held, fabless semiconductor company that develops GPS chipsets and software for the emerging mobile location based services market. u-Nav's technology delivers ultra-low power at low cost and competitive performance levels to enable operation indoors and in urban canyons. u-Nav Microelectronics is headquartered in Irvine, California, with design centers in Irvine and Tampere, Finland. Sales offices and subsidiaries are located worldwide. Website: <http://www.unav-micro.com>. For more information contact Pete.Fowler@unav-micro.com.

 [Click here to return to Contents](#)

Whirlpool Launches its Customer-Centric Strategy With DELMIA PLM Solutions for Manufacturing

22 November 2005

Dassault Systemes' announced that Whirlpool India Ltd., a division of Whirlpool, a global leader in the household consumer goods market, successfully implemented [DELMIA](#) V5 Human and V5 DPM Assembly as part of its customer-centric strategy for the Indian market.

Prior to the launch of a new-model washing machine, Whitemagic, Whirlpool wanted to design and develop a new line of fully automated washing machines to meet the needs of the Indian market. Ergonomic specialists from DELMIA India, along with Whirlpool design engineers, conducted a detailed ergonomic analysis using DELMIA V5 Human software. DELMIA Human's advanced population and anthropometric functionality enabled Whirlpool to test the design of its new product using a digital mannequin with attributes for the average Indian consumer. The software was used to analyze the four proposed washing machine models on the criteria maximum accessibility, vision, and comfort for the Indian consumer.

"The consumer goods market in India has become highly competitive," says Mr. B. Venkatesan, sr. manager, Regional Testing Center, Whirlpool India. "In response, we've implemented a customer-centric strategy that focuses on making sure our products are appropriate for the Indian consumer. Using DELMIA simulation software, our research and development team can perform accurate digital ergonomic analyses early in the product lifecycle and allow us to manufacture a product that best suits the needs of our customer."

Continuing on the success, a maintainability study was conducted on the washing machine using DELMIA V5 DPM Assembly solutions. DPM Assembly enabled Whirlpool to analyze the optimum assembly and disassembly process that should be followed when servicing the new washing machine. The assembly analysis data was captured, stored, and rescued downstream to create maintenance documentation as part of the service manuals. Whirlpool distributed these digital 3D service manuals prior to the launch, taking concurrent engineering to a different paradigm.

"Our work with Whirlpool India is a great demonstration of the impact of PLM in the consumer goods market," says Bertrand Saint-Martin, vice president Asia Pacific operations, DELMIA. "In a segment where time to market is critical, conducting digital assembly validation, serviceability and end user ergonomic simulation much earlier in the product life cycle leads to enormous time and cost savings."

"Through these two projects, we have clearly seen the advantages of using DELMIA's PLM Solutions for Manufacturing," added Mr. S. Ramamurthi, general manager of Whirlpool India's Regional Testing Center. "DELMIA and their Indian team have enabled us to fulfill our customer-centered approach. We look forward to continuing our relationship with the DELMIA team and take concurrent engineering further for the benefits of our customers."

Whirlpool of India is a subsidiary of Whirlpool Corporation, the world's leading manufacturer and marketer of major home appliances, with annual sales of over \$12 billion, 68,000 employees with 50 manufacturing and technology research centers around the globe. The company has its presence in markets in more than 170 countries. Set up in 1996, Whirlpool of India is a 2500 strong family, with an extensive sales and distribution network, robust manufacturing and R&D infrastructure. It manufactures products for domestic and export markets under Whirlpool, KitchenAid, Brastemp, Bauknecht, Consul and other major brand names. Information about Whirlpool India at <http://www.whirlpoolindia.com>.

 [Click here to return to Contents](#)

Winning Season: UGS Technology Helps Joe Gibbs Racing and Driver Tony Stewart Win the 2005 NASCAR® NEXTEL Cup Championship; UGS-sponsored Teams Seize Championships on Four Racing Circuits

22 November 2005

UGS Corp. announced driver Tony Stewart and Joe Gibbs Racing —whose cars are developed with the help of UGS® digital product development technology —won the 2005 NASCAR® NEXTEL Cup Championship. Stewart, winner of the 2002 Winston Cup title, secured the championship in the final race of the season, the Ford 400 at Homestead-Miami Speedway on Sunday.

UGS previously announced that UGS-sponsored Andretti Green Racing won the Indy Racing League® (IRL) IndyCar® Series Championship for the second year in a row (see separate release www.ugs.com/about_us/press/press.shtml?id=4184) and KB Racing won the National Hot Rod Association (NHRA) Pro Stock Championship for the third straight year (see separate release www.ugs.com/about_us/press/press.shtml?id=4286).

“Winning a race requires a great team and winning a championship requires a great team that is innovative and committed to success,” said J. D. Gibbs, president, Joe Gibbs Racing. “Our team, which includes partners like UGS, was ready for the task at hand throughout the season and especially through the Chase for the Nextel Cup. We are thrilled to have UGS as a partner in this victory and look forward to continue to leverage UGS’ technology to transform our process of racing innovation.”

“It’s a thrill to win the championship, for our fans, for our team, for our sponsors,” said Stewart. “The one thing that has allowed us to stay on top this year is consistency week in and week out and UGS has consistently been there for us doing whatever it takes to help us win.”

“UGS congratulates Joe Gibbs Racing and Tony Stewart on winning the championship. The race for the championship required commitment to success and consistency, qualities which are at the core of Joe Gibbs Racing and UGS,” said Dave Shirk, executive vice president of Global Marketing for UGS.

“UGS’ mantra is to never let a customer fail and we strive to help every UGS technology user drive into victory lane, on the track or in the board room.”

UGS has a long tradition providing NX™ digital product development software through racing sponsorships. Joe Gibbs Racing and Hendrick Motorsports (participants in the NASCAR® NEXTEL Cup Series) along with Andretti Green Racing, winner of the Indy Racing League® (IRL) IndyCar® Series Champion two years running, have been using UGS software for several years to help develop their cars and improve their performance on the race track. KB Racing, winner of the National Hot Rod Association (NHRA) Pro Stock Championship for three straight years, began using UGS technology in 2005, and the Renault F1 Team, winner of the 2005 Formula One Drivers and Constructors Championships, established a partnership in 2004 using Tecnomatix™, UGS’ best-in-class digital manufacturing solutions.

Joe Gibbs racing began using NX in 1998. Initial use revolved around modeling and manufacturing parts that needed replacement. NX allowed the team to reduce the time it took to develop new parts down from weeks to hours. The team began using the software to evaluate new engine and suspension configurations virtually and to optimize weight distribution. The software helped the team increase engine horsepower and the performance on the track reflected the increasing use of NX, with faster times and better finishes. In 2000, Joe Gibbs Racing won its first NASCAR championship. The use of NX has expanded each year. Today nearly every part and subassembly, including the entire engine, has been modeled in NX. The part library contains approximately 400 parts, including both replacement parts and those designed for R&D purposes. In addition NX is also used for analysis to test new engine configurations before metal is ever cut. NX geometry is also used in the team's scale model program, as the basis for stereolithography and other prototypes used in wind tunnel tests.

 [Click here to return to Contents](#)

Product News

Actify Announces Nine Updates to 2D & 3D Importers

22 November 2005

[Actify Inc.](#) announced that it has released nine updated 2D and 3D importers to help enterprises better communicate digital designs throughout the enterprise and supply chain. The updated importers are developed by Actify to support new and/or upgraded versions of leading CAD systems as they become available. Actify CAD importers allow information and knowledge workers to access native CAD files without the use of a CAD system. Importers open and read files from all major CAD systems, allowing SpinFire Professional or Actify Publisher to publish all major CAD files into Actify’s compact and secure .3D file format, which then can be accessed through SpinFire for Microsoft Office, and Actify’s free SpinFire Reader products.

Actify’s nine updated importers include the following:

- ACIS

- CATIA V5 R15 (2D/3D)
- CATIA V4
- I-DEAS Native
- SolidEdge
- SolidWorks 2006
- STEP
- Unigraphics 3D & 2D
- VRML

Actify's .3D file format makes sharing designs much faster and safer than exchanging CAD files. The .3D files can be less than 10% of original CAD file sizes, allowing for secure distribution of files to those who do not have access to the native CAD applications and for design projects embedding the 3D files into the Microsoft Office applications with SpinFire for Microsoft Office.

Actify's full suite of products are designed to enable easy and secure access, communication and distribution of multiple 2D/3D CAD file formats, and related documents through global enterprises and supply chains, without requiring access to native CAD systems. This allows for paperless distribution of complex design data so companies will realize cost savings and productivity gains in product design, procurement, quoting and estimation, manufacturing, sales, marketing and support.

 [Click here to return to Contents](#)

MSC.Software Announces Support of Microsoft Windows Compute Cluster Server 2003

15 November 2005

[MSC.Software Corp.](#) announced its support of the Windows Compute Cluster Server 2003. MSC.Software has developed MSC.Nastran and MSC.Marc native ports for Windows Compute Cluster Server 2003 to provide customers with access to more memory to solve larger problems, faster.

MSC.Nastran is a widely used finite element analysis (FEA) program for simple to complex, linear and nonlinear analyses of structural, fluid, thermal, and coupled systems. MSC.Marc is a powerful, advanced, general-purpose nonlinear FEA product for simulating a wide range of engineering applications and manufacturing processes. MSC.Nastran and MSC.Marc will integrate with Microsoft MPI which is a part of Microsoft Windows Compute Cluster Server 2003 and offer customers world class solution performance.

"As the leader in Virtual Product Development, MSC.Software is providing beta support of Microsoft Windows Compute Cluster Server 2003. Our upcoming release of MSC.Nastran will integrate with Microsoft MPI and Microsoft Job Scheduler technologies to include advanced optimizations and extend the performance customers will see with high-end analysis," said Frank Kovacs, vice president of strategic alliances, MSC.Software. We will continue to strengthen our collaboration with Microsoft to accelerate the delivery of low cost enterprise VPD solutions that enable our customers to reduce time-to-market and increase market share."

Windows Compute Cluster Server 2003 is Microsoft's official entry into the world of high-performance computing (HPC), and is designed to accelerate time-to-insight by providing an HPC platform that is simple to deploy, operate, and integrate with existing infrastructure and tools. MSC.Software's upcoming releases of MSC.Nastran and

MSC.Marc with native ports into the Windows Server System will help organizations scale up beyond the limits of the 32-bit x86 architecture, with highly scalable HPC system resources.

"We are pleased to be working with MSC.Software to enable our HPC customers to benefit from both Windows Compute Cluster Server 2003 and applications such as MSC.Nastran and MSC.Marc," said Kyril Faenov, director of high performance computing, Microsoft Corp. "With a solid HPC infrastructure and broad availability of compatible applications, customers can take advantage of HPC solutions that are easy to deploy, manage and use."

 [Click here to return to Contents](#)

UGS Ships Velocity Series' Femap Version 9.1

23 November 2005

UGS Corp. announced it is shipping the English version 9.1 of Femap® software to customers worldwide.

Femap is the finite element analysis (FEA) component of UGS' new mid-market portfolio, UGS Velocity Series™ portfolio, and a comprehensive, preconfigured portfolio of digital product design, analysis and data management software for the PLM mid-market.

"Femap Version 9.1 focuses on making FEA easier to use and more accessible to occasional users, while maintaining analysis integrity," said Alastair Robertson, manager of Femap Marketing, UGS. "Femap's native Windows user interface improves usability and productivity. This release also offers enhanced in-depth finite element modeling functionality that allows access to advanced analysis solutions."

New functionality addresses in-depth finite element modeling needs in the mid-market including:

- **Data Integrity:** A fully associative Solid Edge® interface provides effective geometry transfer in preparation for analysis.
- **Open by Design:** A new direct CATIA® V5 translator strengthens geometry transfer and CAD integration capabilities.

CIMdata PLM Industry Summary

- Customization: A fully integrated BASIC development environment provides direct access to the OLE/COM API.
- Automation: Users can record, edit and play back, automating repetitive tasks.
- Solver Integration: Strengthened NX™ Nastran software integration with a new linear surface-to-surface contact capability.
- Solution Accuracy: Improved mesh quality around critical boundaries and stress raisers with a new quadrilateral element meshing option.
- Modeling Versatility: Support for NX Nastran spot weld elements to aid modeling of sheet metal component fasteners.

For more information, visit <http://www.ugs.com/velocity> or <http://www.ugs.com/femap>.

 [Click here to return to Contents](#)