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Company News

ANSYS Named To Software Top 100

16 Nov 2009

SOUTHPOINTE, PA – ANSYS, Inc. announced that it has been named to the Software Top 100™, the leading and independent online overview of the world's largest software companies. For the 2009 list, ANSYS placed at 75.

To compile the annual Software Top 100 ranking, software companies are ranked according to their revenues coming from "prepackaged" software sales. Revenues from subscription and support activities (also called "maintenance" contracts) are included; revenues from service activities such as consultancy, training, custom software development and system integration are excluded.

The list is used primarily by the software industry for market and competitive analysis. "ANSYS first appeared in the Software Top 100 in 2007, at position 92," said Balder Verberne, Software Top 100 editor. "The company is consistently growing faster than other large software companies; it climbed to position 79 in 2008 and position 75 in the current ranking." For the current year, revenue growth at ANSYS was 25 percent, while the growth of all companies that made the list was "18 percent on average in defiance of the economic crisis," the editor added.

"It is certainly an honor to be named among the world's largest software companies," said Jim Cashman, president and CEO of ANSYS, Inc. "Even in the face of a global recession and prolonged sales cycles, ANSYS has continued its steady performance. By turning the challenges of the last year into opportunities, ANSYS has maintained its decade-long focus on long-term performance."

About Software Top 100

The Software Top 100, first published online in 2003, is the leading and independent overview of the world's largest software companies, ranked by annual software revenues. The list is compiled by the Netherlands-based Top 100 Research Foundation, a not-for-profit foundation solely dedicated to

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researching and publishing information about the software industry. Over 70,000 websites and online magazines from all over the world link to www.softwaretop100.org as a reference for objective software industry information.

About ANSYS, Inc.

ANSYS, Inc., founded in 1970, develops and globally markets engineering simulation software and technologies widely used by engineers and designers across a broad spectrum of industries. The Company focuses on the development of open and flexible solutions that enable users to analyze designs directly on the desktop, providing a common platform for fast, efficient and cost-conscious product development, from design concept to final-stage testing and validation. The Company and its global network of channel partners provide sales, support and training for customers. Headquartered in Canonsburg, Pennsylvania, U.S.A., with more than 60 strategic sales locations throughout the world, ANSYS, Inc. and its subsidiaries employ over 1,600 people and distribute ANSYS products through a network of channel partners in over 40 countries. Visit www.ansys.com for more information.

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Automated Product Development in South Africa Joins Aras Partner Program

17 Nov 2009

ANDOVER, MASS. and Solothurn, Switzerland – Aras announced that Automated Product Development (Pty) Ltd, South Africa’s premier provider of Product Lifecycle Management (PLM) solutions and services, has joined the Aras Partner Program.

APD will provide a full range of services for deploying the enterprise open source PLM software solutions from Aras including implementation consulting, systems integration, and ongoing administration. APD has proven expertise in complex enterprise-wide PLM software projects with industry knowledge spanning consumer goods, high tech, automotive, and defense, as well as, heavy manufacturing, mining, construction, engineering services, and utilities.

“Our PLM technology team is very impressed with the breadth of functionality and scalability that Aras offers. The Aras technology is much more advanced than the other systems from the major PLM players,” said Stanley Simpson, Product Development Manager for APD. “Providing comprehensive, feature-packed solutions as an enterprise open source offering which strips away all the PLM license costs is truly innovative. Aras enables companies to roll out PLM to users around the world in an economic manner.”

“We welcome APD to our partner program and to the growing Aras corporate community,” said Peter Schroer, President of Aras. “APD’s significant PLM experience and reputation for excellence will benefit companies across Southern Africa that want to take advantage of the Aras solutions and need a trusted local partner.”

About Automated Product Development

Automated Product Development is South Africa’s premier solution and services provider for Product Lifecycle Management (PLM), product design, business and product development, systems integration, hosting, system maintenance and administration. Since inception in 2005, APD has remained at the forefront of engineering and Internet technologies, leading local industry in all aspects of development and innovation. APD is headquartered in the Innovation Hub in Pretoria South Africa, the only Science Park in Africa, and maintains a US presence with offices in Detroit Michigan. For more information visit www.prodevzone.net

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About Aras

Aras® is the leading provider of enterprise open source Product Lifecycle Management [PLM] software solutions. Freedom from licensing eliminates up-front expenses and per user costs while superior technology makes Aras the most advanced enterprise PLM solution suite available. Customers include Motorola, Rolls-Royce, Freudenberg, Lockheed Martin, Ingersoll Rand and ACCO Brands. Aras is privately held with global headquarters in Andover, Mass. For additional information visit www.aras.com

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China's Ministry of Education & Autodesk Partner to Support Engineering Education

19 Nov 2009

The People's Republic of China Ministry of Education (MOE) and Autodesk, Inc. signed a Memorandum of Understanding in Beijing, China, to support engineering education and innovation. According to the MOU, both parties will seek to improve standards of engineering education in China and promote the next generation of design talent and innovation in China.

Cooperation between China's MOE and Autodesk covers two major stages of higher education and secondary vocational education across manufacturing, construction and urban planning, geographic information system and visual arts. Both parties will collaborate on the reform of engineering education, innovation education and design education; cultivation of innovative engineering talent and technical engineering talent; and exchange of best practices in engineering education.

"We see this agreement as a significant step forward in furthering our partnership with the Ministry of Education, focused on driving the adoption of industry-leading design tools into engineering curricula throughout China," said Carl Bass, president and CEO of Autodesk. "The joint effort between Autodesk and the Ministry of Education will focus both on the training of faculty as well as encouraging widespread use of the Autodesk Inventor, Autodesk 3ds Max and Autodesk Maya software by students. We believe the results of this collaboration will serve to inspire groundbreaking design in areas such as sustainable manufacturing among China's next generation of engineers."

Autodesk also announced plans to donate software worth US\$50 million to 50 higher education institutions and secondary vocational schools throughout China.

"Engineering is a powerful tool in promoting economic development and social progressiveness, and also the key to achieving China's goal of an 'Innovation-Oriented State'," said Chen Xi, deputy minister for education. "Our higher and secondary vocational schools should keep abreast of the times to absorb internationally recognized philosophies, technologies and experience in the engineering field. This will ultimately foster integration of industries, schools and research and develop the field of engineering education, thereby producing and delivering large cohorts of globally competitive engineering talent to the industries."

To date, Autodesk has jointly set up more than 10 Centers of Excellence and design centers with several universities throughout China. Beyond this, the MOE also supports the Autodesk Chinese Student Design Community, which provides a platform for the teachers and students to interact and learn. Overall, Autodesk has invested more than 520 million yuan in China's education sector, and received an honorary "Prominent Contribution Award" by the Chinese MOE earlier this year.

About Autodesk

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Autodesk, Inc., is a world leader in 2D and 3D design, engineering and entertainment software for the manufacturing, building and construction, and media and entertainment markets. Since its introduction of AutoCAD software in 1982, Autodesk continues to develop the broadest portfolio of state-of-the-art software to help customers experience their ideas digitally before they are built. Fortune 100 companies -- as well as the last 14 Academy Award winners for Best Visual Effects -- use Autodesk software tools to design, visualize and simulate their ideas to save time and money, enhance quality, and foster innovation for competitive advantage.

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Dasbat to be value-added reseller for Dassault's product life cycle solutions

19 Nov 2009

Dasbat, part of Abu Dhabi-based Baynunah group, said yesterday it will be the value-added reseller for Dassault Systems' 3D and product life cycle management (PLM) solutions. The agreement results from Dassault Systems' strategic decision in January 2009 to target new markets and fast growing economies.

The UAE will be a main Dassault Systems reseller in the Middle East and among 150 worldwide, company officials said.

Khalid Al Bu Ainnain, chairman of Dasbat, said: "We follow the demand of UAE industrial companies and organisations for the most modern PLM and 3D virtualisation technologies to ensure global collaboration and seamless product, project and plant life cycle management.

"We expect to see customers taking full advantage of PLM solutions and gain competitiveness in the quickly transforming UAE economy."

Going forward, Dasbat and Dassault will deliver the highest value to strategic sectors of the UAE economy and ever increasing industrial base, Al Bu Ainnain said.

The system of PLM solutions will not only target the industrial sector but would be implemented in the UAE's education system as well, under an agreement signed by Khalifa University yesterday.

Al Bu Ainnain told Gulf News: "Dasbat is going to invest around six million euros (Dh33 million) initial cost to insert PLM solutions in the educational sector, which represents 15 per cent of the actual cost of the project."

Their plan is to cover their expenses in three years and look at signing deals with big industry outside aircraft business as well to be provided by Dassault.

Philippe Forestier, executive vice-president, Global Affairs and Communities, Dassault, said: "Dassault Systems has decided to become a strategic partner of UAE leading industries and institution and support the successful establishment of a digital economy with a solid local base, in each country, a DS organisation will implement tailored action plans.

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Dassault Systemes and Khalifa University Take Steps to Position the UAE as a Global Leader in Virtualization Methods and Product Innovation

16 Nov 2009

Khalifa University of Science, Technology and Research and Dassault Systèmes, announced their

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partnership to develop cutting edge education and research activities at KUSTAR, using Dassault Systèmes PLM and 3D software for product innovation.

The program includes various integrated content ranging from course material, continuing education of faculty, industry relationship, certification, student study tours, outreach projects and world class lectures and conferences provided by Dassault Systèmes global customers and partners in industry and academia.

Both partners also extended their alliance with the creation of a new research laboratory dedicated to innovation in the visual practices of engineering decision making, based at KUSTAR's campus in Abu Dhabi.

Commenting on the Program, "Dr Arif Sultan Al Hammadi, KUSTAR Interim President, said: "Developing a local product innovation sector will be key to helping the UAE build a dynamic and sustainable engineering industry, both on the regional and global stage. This partnership will help us to develop a body of local knowledge that will build credibility and create exciting long-term opportunities in technical careers for a new generation of students in the UAE."

"KUSTAR's program is both robust and innovative. It takes advantage of most of the many components that we built with our global academic partners and it combines them in a logical manner, into an ambitious plan. It has all the characteristics of a competitive PLM curriculum" said Xavier Fouger, director Global Learning and PLM Academy, Dassault Systèmes.

Mr. Philippe Forestier, executive vice-president Global Affairs and Communities, Dassault Systèmes, commented: "We are delighted to be part of this world class partnership which is the bright illustration of a fruitful long term relationship between the Dassault group and leading institutions in the Emirates".

The program will start before the end of 2009.

For more information about KUSTAR please visit www.kustar.ac.ae

For more information on Dassault Systèmes education programs, visit www.campus.3ds.com

About Khalifa University of Science, Technology and Research (KUSTAR)

Khalifa University of Science, Technology and Research (KUSTASR) was established in February 2007 by a decree issued by the UAE President His Highness Sheikh Khalifa Bin Zayed Al Nahyan.

KUSTAR's main campus is located in Abu Dhabi, while it operates another campus in Sharjah. It presently offers bachelor, master, and doctorate degree programs in various areas of engineering and in the future, will offer degrees in five main disciplines: engineering, logistics management, health sciences, homeland security and sciences. KUSTAR is open to men and women from all nationalities with particular emphasis being placed on educating young UAE nationals.

An international Centre for Research & Development is being developed to ensure that research is an integral component of the University.

About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 115,000 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 to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product -

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SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences. Dassault Systèmes' shares are listed on Euronext Paris (#13065, DSY.PA) and Dassault Systèmes' ADRs may be traded on the US Over-The-Counter (OTC) market (DASTY). For more information, visit <http://www.3ds.com>.

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Dassault Systemes Unveils Collaborative Innovation Initiative for Consumer Packaged Goods

18 May 2009

Dassault Systèmes today unveiled a new initiative designed specifically to enable consumer packaged goods companies to increase overall organizational efficiency and cost management. Building on Dassault Systèmes' industry-specific series of CPG Accelerators, the primary value of the Collaborative Business Processes Initiative for CPG is to accelerate innovation by promoting global standardization and re-use of intellectual property throughout the supply chain helping to generate global economies of scale, reduce cycle times and improve quality.

“With complex global business models and high volume product lines, we’ve identified greater standardization and a single version of the truth as mission critical elements for CPG companies to successfully drive innovation and overall organization efficiency,” said Rosemary Grabowski, vice president, CPG Market Development, Dassault Systèmes. “Building on our strong heritage in the CPG industry, we believe that this new innovation initiative will provide CPG companies with the additional organizational horsepower to explore new markets and take advantage of emerging opportunities.”

Organizations are able to realize a number of benefits from the initiative, including:

- * Enabling global business operations and improve supply chain performance;
- * Standardizing and streamline specification creation, management and use to maximize procurement power and enable significant cost reductions;
- * Increasing productivity and efficiency by eliminating redundancies and accelerating time to completion;
- * Ensuring validation of specification to optimize manufacturing preferences
- * Maximizing the benefits of negotiated volume pricing on a global basis
- * Assuring the promotion of repeatable best practices for specification request, design and approvals.

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DS SolidWorks Named by The Boston Globe to Globe 100's Top Places to Work

16 Nov 2009

CONCORD, Mass.-Dassault Systèmes SolidWorks Corp. has been named one of the Top Places to Work in Massachusetts in the second annual employee-based survey project from The Boston Globe. The Globe 100's Top Places to Work '09 magazine was published in the Sunday Globe on November 8. Online, the report can be found at www.boston.com/topworkplaces.

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Produced by the same team that compiles the 22-year-old Globe 100 report of the best-performing public companies in Massachusetts, the Top Places to Work recognizes the most progressive companies in the state based on employee opinions about company leadership, compensation and training, diversity/inclusion, career development, family-friendly flexibility, and values and ethics. Private companies and nonprofits as well as publicly-held businesses were included in the analysis.

The rankings in the Globe 100's Top Places to Work are based on survey information collected by Workplace Dynamics, an independent company specializing in employee engagement and retention, from 86,000 employees at 269 Massachusetts organizations. This marks the second year that a Globe 100 report has honored private as well as publicly-held organizations.

Ranked 34th on the overall list, DS SolidWorks offers employees generous total rewards package, including competitively priced health benefits and an attractive retirement savings program.

"It has always been a top priority to provide the very best work environment for our employees. They are a dedicated, talented group who deserve nothing less," said VP of Human Resources Dick Morgan. "This honor is a nice validation of our efforts."

The publisher of The Boston Globe Steve Ainsley stated, "The companies included in the Globe 100's Top Places to Work have succeeded in creating a positive workplace for their employees in the midst of the uncertainties of the general economy. I congratulate each of them for an outstanding accomplishment."

To qualify for the Globe 100's Top Places to Work, a company must have more than 100 employees in Massachusetts. Nearly 1,000 qualified companies accepted an invitation to participate. Rankings were composite scores calculated purely on the basis of employee responses.

About Dassault Systèmes SolidWorks Corp.

Dassault Systèmes SolidWorks Corp., a Dassault Systèmes S.A. subsidiary, is a world leader in 3D solutions. The company develops and markets software for design, analysis, product data management, documentation, and environmental impact assessment. It is the leading supplier of 3D CAD technology, giving teams intuitive, high-performing software that helps them design better products. For the latest news, information, or an online demonstration, visit the company's Web site (www.solidworks.com) or call 1-800-693-9000 (outside of North America, call +1-978-371-5000).

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Geomagic Adds Parametric CAD Model Creation to its Standard Geomagic Studio Software

20 Nov 2009

Geomagic has combined its three Geomagic Studio offerings into a single package that includes both design-intent and organic shape modeling solutions. The new package is available immediately at the same price as the former Geomagic Studio Shape Edition.

"Since we introduced design-intent modeling two years ago, we have continued to expand our offerings that give customers the ability to create optimized, parametric CAD models from 3D scan data," says Tom Kurke, Geomagic's chief operating officer. "Based on positive customer feedback and the increased demand for reverse engineering and product design originating from 3D scans, we decided to make design-intent modeling available in Geomagic Studio at no extra cost."

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Different modelers for different needs

Design-intent modeling within Geomagic Studio enables objects to be modeled as they were originally designed, with a combination of primitive shapes, swept features and freeform surfaces. This allows users to capture physical parts and model them without showing manufacturing defects or the wear-and-tear that results from use over time. Design-intent modeling greatly reduces the time required to transform physical objects into editable CAD models for applications such as product design and reverse engineering.

The more organic shape modeling in Geomagic Studio creates water-tight NURBS surfaces for medical, scientific and reverse-engineering applications, where users want to create exact 3D replicas of an existing object. This type of modeling is important in conducting accurate engineering analysis of an as-built part, which almost always differs from the CAD model. It is also the preferred tool for modeling organic objects as they exist in the real world, including human anatomy and historical artifacts.

Freedom of choice

The two modelers in Geomagic Studio are the perfect combination for Charles Evans, design analyst for Florida Turbine Technologies Inc.

“Geomagic Studio gives us the freedom to choose the modeling method that’s most effective for a specific job,” says Evans. “Design-intent modeling coupled with Parametric Exchange for Pro/ENGINEER gets us from scanning to CAD models quicker and more accurately than any other modeling software. When we need to produce an exact geometric model of a complex physical object, the shape modeler is the ideal tool for the job.”

Seamless integration with CAD

Geomagic Studio is the only 3D modeling software to offer seamless integration with four major CAD packages. Geomagic’s Parametric Exchange feature enables users to quickly and easily create optimized, parametric CAD models, complete with model trees that are editable within popular CAD software. Geomagic Studio supports SolidWorks, Autodesk Inventor and Pro/ENGINEER out of the box. A pre-release version of Parametric Exchange for NX is available for download on the Geomagic Labs website (<http://labs.geomagic.com/>).

Available now

Geomagic Studio with design-intent and organic shape modeling and Parametric Exchange is available immediately. The comprehensive solution ships with both 32- and 64-bit editions on the CD, and supports English, German, French, Italian, Spanish, Chinese and Japanese. Visit www.geomagic.com for more information, the free 90-day trial, and a list of international offices and resellers.

About Geomagic

Geomagic (www.geomagic.com) is a leading provider of 3D software for creating digital models of physical objects. Professionals involved in the design, reverse engineering and inspection of parts and products use Geomagic Studio and Geomagic Qualify to shorten time to market and improve quality. Geomagic software is also used in the dental and medical markets to create customized restorations, appliances, prosthetics and treatment plans that help improve patient care. Some of the leading companies around the globe using Geomagic software include Ford, Harley Davidson, Richard Childress Racing, Timberland, Fisher Price, Pratt & Whitney, NASA, Alcoa Howmet, Danaher and Invisalign. Geomagic is based in Research Triangle Park, NC, USA, with subsidiaries in Europe and

Asia and distributors worldwide.

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Gerber Technology Attains Microsoft Gold Certified Partner Status

18 Nov 2009

Gerber Technology, a business unit of Gerber Scientific, Inc. today announced it has attained Gold Certified Partner status in the Microsoft Partner Program with a competency in ISV/Software Solutions – recognizing Gerber Technology’s expertise and impact within the technology marketplace. As a Gold Certified Partner, Gerber Technology has demonstrated proficiency with Microsoft technologies and has proven their ability to continually meet their customers’ needs. Microsoft Gold Certified Partners receive a rich set of benefits including access to advanced software technologies, training, and deep support that gives a true competitive advantage.

“We are extremely pleased to have attained Gold Certified Partner status in the Microsoft Partner Program,” said Bill Brewster, Gerber Technology’s Vice President, Global Marketing and Product Management. “The benefits provided through our Gold Certified Partner status will allow us to continue to enhance our offerings while providing exceptional value to our customers in every segment of the supply chain.”

“Gerber’s software development team works in close partnership with Microsoft to build best-of-breed applications for our customers,” states Ronald Gordon, Gerber Technology’s Executive Director, PLM Software Development. “By qualifying as a Microsoft Gold Certified Partner, our customers are assured of getting the in-depth knowledge, advanced skills, and commitment from us to implement and support the world-class software solutions that help them to better compete in the global economy.”

“Customers are looking for partner companies that can bridge the gap between their business demands and technology capabilities,” said Allison Watson, corporate vice president of the Worldwide Partner Group at Microsoft Corp. “They need to trust in a company that can act as an expert adviser for their long-term strategic technology plans. Microsoft Gold Certified Partners, which have certified expertise and direct training and support from Microsoft, can build a positive customer experience with our technologies. Today, Microsoft recognizes Gerber Technology as a new Gold Certified Partner for demonstrating its expertise in providing customer satisfaction using Microsoft products and technology.”

As one of the requirements for attaining Gold Certified Partner status, Gerber Technology had to declare a Microsoft Competency. Microsoft Competencies are designed to help differentiate a partner’s capabilities with specific Microsoft technologies to customers looking for a particular type of solution. Each Competency has a unique set of requirements and benefits, formulated to accurately represent the specific skills and services that partners bring to the technology industry. Within select Competencies, there are Specializations that focus on specific solution areas that recognize deeper expertise within that Competency. Serving as a specialized path to earning those Competencies, Specializations give direct access to the tools and resources that support that specific area of focus.

The ISV/Software Solutions Competency recognizes the skill and focus partners bring to a particular solution set. Microsoft Gold Certified Partners that have obtained this competency have a successful record of developing and marketing packed software based on Microsoft technologies.

“Solutions competencies are an important way for Microsoft to better enable ISVs to meet customer

CIMdata PLM Industry Summary

needs,” said Walid Abu-Hadba, corporate vice president of the Developer and Platform Evangelism Group at Microsoft Corp. “They allow ISVs to keep and win customers through their deep knowledge of solutions-based Microsoft platform technologies. Microsoft has a long history of working closely with ISV partners to help them deliver compelling solutions and applications to our mutual customers, and the Microsoft Competencies are an important step in continuing to enhance vital relationships with ISVs worldwide.”

The Microsoft Partner Program was launched in October 2003 and represents Microsoft’s ongoing commitment to the success of partners worldwide. The program offers a single, integrated partnering framework that recognizes partner expertise, rewards the total impact that partners have in the technology marketplace, and delivers more value to help partners’ businesses be successful.

About Gerber Technology

Gerber Technology (www.gerbertechnology.com), a business unit of \$553 million corporation Gerber Scientific, Inc., develops and manufactures the world’s leading brands of integrated software and hardware automation systems for the sewn products and flexible materials industries. These systems automate and significantly improve the efficiency of information management, product design and development, pre-production and production processes. The company offers specialized solutions to a variety of end-user markets including apparel, aerospace, transportation interiors, furniture, composites and industrial fabrics. Gerber Technology’s world headquarters are located in Tolland, Connecticut, U.S.A. with regional offices, agents and distributors in more than 126 countries serving a total of over 22,000 customers through 16 Customer Solutions Centers on six continents. The company engineers and manufactures its products in various locations throughout the United States, Europe and Asia.

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Hinduja Group Firm Signs MoU with Dassault Systemes

19 Nov 2009

Hinduja Group firm Defiance Tech today signed a Memorandum of Understanding (MoU) with Dassault Systemes to market the company’s solutions across Indian automotive, industrial and aerospace and defence sectors.

“We are a software provider and Defiance Tech has the necessary expertise being a member of a large conglomerate to cater to the manufacturing sector,” Dassault Systemes’ President and Chief Executive Officer Bernard Charles said signing the agreement here.

Dassault Systemes provides product life cycle management (PLM) software and solutions and provide a 3D vision of the entire life cycle of products from conception to maintenance and recycling.

“The manufacturing industry is really changing the way they were and it is only going to accelerate. It is on a constant look out for a one-stop solution shop that can help build a truly collaborative environment that is flexible and precise,” Charles said.

Dassault Systemes has more than 1,000 clients and 1,300 employees in India. The company also plans to enter into tie-ups with service providers and with firms that can expand its reach, Dassault Systemes India’s President and Managing Director Andy Kalambi said.

About Hinduja Group

The saga of the Hinduja Group started in Sind, the cradle of the Indus Valley Civilization, where more than 5,000 years ago, the human race learnt its first lessons in organized business and banking. Parmanand Deepchand Hinduja, a young entrepreneur from the fabled town of Shikarpur, realized early in life that business was all about spotting opportunities, and seizing them wherever they surfaced. Today, the Hinduja Group has become one of the largest diversified groups in the world spanning all the continents. The Group employs over 40,000 people and has offices in many key cities of the world and all the major cities in India.

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Open Text Deepens Integration with SAP(R) Solutions across ECM Suite with Content-Enriched Business Processes

18 Nov 2009

Open Text Corporation today announced upgrades across its solutions portfolio in support of SAP(R) applications. The upgrades increase customer value and boost user productivity by enriching business processes through deeper integration with all types of content.

The integration of business processes with content increases productivity by reducing the need for users to stop in the middle of a transaction to look for documents and other supporting information. This new level of integration ensures that information is available when and where it is needed, helping the Open Text ECM Suite contribute to overall business performance, increase operations excellence, enhance compliance and lower total cost of ownership (TCO).

Over the past decade, Open Text has emerged as the leading ECM supplier among SAP customers with both the largest installed base and the most complete product offerings. Last month, SAP AG and Open Text announced another expansion of their successful strategic relationship, with SAP selecting Open Text Extended ECM for use with SAP solutions for resale under the name the SAP Extended Enterprise Content Management (SAP Extended ECM) application by Open Text. "Aggressive development and steady innovation have been critical factors in our success with SAP customers globally," said Patrick Barnert, Vice President of SAP Solutions at Open Text. "SAP's recent decision to expand the reseller agreement is testimony to Open Text's leadership in the ECM market, and we are continuing to strengthen our industry-leading ECM offerings in support of SAP applications."

Open Text Extended ECM delivers native integration of content into SAP business processes. Procurement, asset management, professional services, quality management, plant maintenance and many others processes that rely heavily on documents or scanned images benefit significantly from Extended ECM. Enhancements to the Open Text ECM Suite for use with SAP solutions encompass the following areas:

- Globalization and Shared Services in Accounts Payable
- Digital Personnel File Compliance, Retention Management
- Service and Call-Center-like Capabilities in SAP CRM
- Enterprise Information Governance

Open Text's ECM solutions for use with SAP applications leverage two decades of partnership and co-development, and expertise gained from delivering solutions to more than 3,000 SAP customer sites

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around the world. Open Text is an SAP software solution partner with multiple products that have achieved SAP certified integration status. Open Text is also currently the only ECM vendor with a number of ECM solutions resold by SAP.

For more information on Open Text's ECM solutions for use with SAP solutions, go to:
<http://www.opentext.com/2/global/sol-products/sol-pro-extensions-sap.htm>

About Open Text

Open Text, an enterprise software company and leader in enterprise content management, helps organizations manage and gain the true value of their business content. Open Text brings two decades of expertise supporting 50 million users in 114 countries. Working with our customers and partners, we bring together leading Content Experts(TM) to help organizations capture and preserve corporate memory, increase brand equity, automate processes, mitigate risk, manage compliance and improve competitiveness. For more information, visit www.opentext.com.

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Successful Open Text Content World Highlights ECM and Business Excellence

19 Nov 2009

Open Text(TM) Corporation has commemorated the successful conclusion of its annual user conference Content World by announcing the recipients of its customer and partner awards. The week-long conference, which concluded on Oct. 30 in Orlando, Fla., hosted more than a thousand customers and partners and featured 125+ sessions focused on ECM customer case studies, best practices, emerging trends and technical expertise.

"During this challenging economic environment, companies rely on ECM technology to reap maximum benefits and shape strategic growth," said John Shackleton, President and Chief Executive Officer, Open Text. "I commend our customers and partners alike for their visionary use of our ECM Suite and the innovative routes they took to attain valuable business accomplishments."

2009 GlobalStar Enterprise Award

Based on the business attributes of the Open Text ECM Suite, the GlobalStar Enterprise Award winners are customers that demonstrate success in controlling risks and costs, empowering people and stimulating agility and innovation. Winners are determined based on scope, business value, end user benefits, innovation, functionality and business problem solving ability. This year's winners and runners up brought defined business value to their internal and external customers, improved processes and communications and demonstrated an innovative and creative approach in their implementations. The 2009 GlobalStar Enterprise Award recipients include:

- Overall Winner, Strategic Success: The National Institute of Allergy and Infectious Diseases
- Global Star Enterprise Awards:
 - Agility: TXU Energy
 - Control: Central Vermont Public Service
 - Empower: Motorola
 - Runners-up in this category include PTT Chemical Public Company

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(Agility) and Husky Energy (Control).

- Ground-Breaking Award: Marathon Oil
 - Runner up: South African Government: Western Cape Provincial Department of Transport and Public Works
- ECM Best Practices for Marketing and Media Management: Electronic Arts (EA)
- ECM Best Practices for Vendor Invoice Management: Delhaize Group

These companies join the prestigious ranks of previous GlobalStar Enterprise Award winners such as BT, Genzyme, Halliburton, Hasbro, Northrop Grumman, and Siemens. Read more about the recipients' achievements at www.opentext.com/GlobalStarAwards2009.

2009 Partner Program Awards

The Open Text Partner Program Awards recognize partners for innovation, demonstrable business value, thought leadership and performance excellence. Criteria for the awards include customer satisfaction, solutions innovation with measurable results, collaborative sales activities, strategic marketing initiatives, customer success stories and overall revenue contribution. Eight categories were awarded in all to partners worldwide. The final award - Global Partner of the Year - was awarded to the highest-scoring partner of the seven categories. Winners of the 2009 Partner Awards are:

- Rising Star Partner of the Year - First Year Partner: Delaware Consulting received for outstanding performance as a first-year partner which lays the groundwork for future success
- ECM Agility Partner of the Year: Inpute Technologies awarded for demonstrating the most positive results in agility and innovation that support the flow of information across organizational silos, improving processes and continuously introducing more automation
- Regional Awards for Outstanding Achievement
 - Regional Partner of the Year, Americas: Deloitte
 - Regional Partner of the Year, Asia, Pacific and Japan: SAP (Asia, Pacific and Japan)
 - Regional Partner of the Year, EMEA: Logica (www.logica.co.uk)
- Global Awards for Performance Excellence
 - Global Technology Partner of the Year: Microsoft
 - Global System Integrator of the Year: Accenture
 - Global Strategic Partner of the Year: SAP

For more information about the Open Text Partners Program and the 2009 award winners, please visit www.opentext.com/partners or contact partners@opentext.com.

About Open Text

Open Text, an enterprise software company and leader in enterprise content management, helps organizations manage and gain the true value of their business content. Open Text brings two decades of expertise supporting 50 million users in 114 countries. Working with our customers and partners, we

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bring together leading Content Experts(TM) to help organizations capture and preserve corporate memory, increase brand equity, automate processes, mitigate risk, manage compliance and improve competitiveness. For more information, visit www.opentext.com.

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Tekla provides BIM Software for Middle Tennessee State University's Concrete Industry Management Program

16 Nov 2009

Tekla, Inc. has equipped Middle Tennessee State University's (MTSU) Concrete Industry Management (CIM) Program with Tekla's complete suite of 3D Building Information Modeling (BIM) software, Tekla Structures. The software will be available to every student and professor and will become an integral part of course work.

"It's vital for our applied concrete program to stay cutting edge for our students" said Dr. Heather Brown, Ph.D., Director & Associate Professor, "the adoption of TEKLA allows further integration of their drafting, estimating and scheduling knowledge into a software package that puts it all together in an impressive, useful format."

"Tekla is committed to providing software to educational establishments as we see great value in educating the future workforce," stated Hans Ehrnrooth, President of Tekla, Inc. "We will work closely with Dr. Brown to train her professors, educate her students and help integrate BIM into MTSU's CIM Program."

The Tekla Education Program, open to any educational establishment in North America, provides the Tekla Structures BIM software, training for professors and assistance with course development.

About MTSU and CIM

Middle Tennessee State University (MTSU) is home of the flagship Concrete Industry Management (CIM) program. This Program is a joint initiative between MTSU and leaders from the concrete industry that began in 1995. It provides students the opportunity to enter a field that has an urgent need for professionals with the skills to meet the growing demands of a progressive, changing concrete industry.

The four-year Bachelor of Science degree in Concrete Industry Management at MTSU was replicated to be currently offered at Cal State Chico, ASU Tempe, Texas State University and New Jersey Institute of Technology (www.concretedegree.com).

Tekla Structures

Tekla's technology creates new opportunities for the disciplines in the construction industry: Tekla Structures is the most advanced BIM (Building Information Modeling) software on the market that provides an accurate, dynamic, and data-rich 3D environment for structural engineers, steel detailers and fabricators, concrete detailers and manufacturers, and construction companies to share. The highly detailed as-built structural models created in Tekla Structures enable effective visualization and management of any project from sales and bidding to follow-up. Openly integrating model and non-model-based data into the model allows collaborative workflows to streamline the design, fabrication,

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and construction stages for the highest level of constructability and integration in project delivery. Centralizing project management into the model not only increases productivity in each stage, but also enhances the value of structural modeling throughout the value chain of building. More information at www.teklastructures.com

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ZWSOFT Offers Free Upgrade to ZWCAD 2010

20 Nov 2009

ZWSOFT announced the details of its ZWCAD 2010 upgrade program, designed to protect ZWCAD buyers' investment in CAD.

Called the "Free ZWCAD 2010 Upgrade Program," the deal provides free upgrades to ZWCAD 2010 for anyone who purchases ZWCAD 2009i as of November 9, 2009. Customers purchasing ZWCAD 2009i from any ZWCAD distributor, reseller, or dealer before the official release of ZWCAD 2010 will receive the upgrade to ZWCAD 2010 at absolutely no cost when it becomes available in January, 2010.

"With this special offer, we are future-proofing our customers' investment in ZWCAD," said Owen Zi, director of ZWSOFT Overseas Department. "We are so excited about the improvements to ZWCAD 2010 that we wanted to make sure there were no barriers to our customers receiving this important update."

What's New in ZWCAD 2010

ZWCAD 2010's greatest improvements will be its faster processing speed and greater stability, especially when dealing with very large drawings.

Many new functions bring increased efficiency to the entire design process, such as the new in-place Mtext editor and new hidden-line removal of 3D models during plotting.

The highlight of ZWCAD 2010 is the introduction of ZWSOFT's own runtime extension, ZRX. As the most powerful API (application programming interface) in ZWCAD, ZRX enables developers to migrate their former ARX applications to ZWCAD quickly.

So that more and more countries can experience ZWCAD, the new version of ZWCAD will be available in a dozen languages, including Chinese (Simplified & Traditional), Czech, English, French, German, Italian, Japanese, Hungarian, Korean, Polish, Russian, Spanish and Turkish.

About ZWCAD 2009i

The highlight of the current version of ZWCAD 2009i is its set of new plotting features, include support for paper space, plot stamps, and settings in CTB files. Processing speed was greatly improved for editing complex drawings with faster stretching and deleting of complex entities.

Based on feedback from customers, the operating stability of 2009i was vastly improved. In addition, ZWSOFT employs an automated testing system of than 20,000 drawings to ensure program stability.

About ZWSOFT

ZWSOFT is headquartered in Guangzhou, China, with branches in Beijing, Shanghai, and Wuhan. As a leading supplier of CAD software solution, the company employs about 360 staff and is supported by an

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international network of highly skilled strategic partners, distributors, and resellers.

ZWCAD is ZWSOFT's flagship product. It meets the needs of a broad base of target groups in 2D/3D design industries with 150,000 users throughout the world. ZWCAD is the leading brand in China's CAD industry, and it competes successfully in over other 75 countries.

For more details about this upgrade program, please contact the ZWCAD distributors in your region (<http://www.zwcad.org/partner.asp>) or email your requests to sales@zwcad.com.

ZWCAD Software Co., Ltd.

Room 508, No.886, Tianhe North Road

Guangzhou 510635, P.R.China.

Tel: 86-20-38259726

E-mail: sales@zwcad.com

Website: <http://www.zwcad.org>

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Events News

ESPRIT by DP Technology at HTEC Industry Partner Summit and Haas Open Days, Zaventem, Belgium, Nov. 24-26

13 Nov 2009

Camarillo, Calif. — ESPRIT® and its maker, DP Technology Corp., will be represented Nov. 24 at the Haas Technical Education Industry Partner Summit, and Nov. 25-26 at Haas Open Days, both of which are scheduled to take place in Zaventem, Belgium.

About 165,000 guests have been invited to Haas Open Days, where the latest Haas machines will be unveiled — including the first Haas drill-tap machine, DT-1; the new generation of Haas Lathes, SS-20 and ST-30; and the company's new high-performance rotary line. A total of 18 live demonstrations will take place.

The Haas Technical Education Center (HTEC) Program summit was created to build and strengthen partnerships, as well as a forum for evaluating performance and participation in the program.

ESPRIT will be exhibited at the summit, during which a 30-minute seminar exploring upgrades within the software will be conducted by knowledgeable representatives.

About the Haas Technical Education Center Program

The European HTEC program was launched to counter what Haas Automation regards as one of the greatest threats to sustainable economic development on the continent: the shortage of talented and motivated young people entering the precision engineering industry with CNC machining skills.

The program provides Haas Automation CNC machine tools to technical learning establishments in Europe and around the world. As part of their studies, students at HTEC establishments use Haas

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machines and in the process become familiar with the latest CNC machining technology. With this kind of hands-on experience, students have better employment opportunities when they finally leave full-time education. The HTEC program also benefits local and national engineering companies, which have access to better-educated apprentices.

About ESPRIT

ESPRIT is a high-performance computer-aided manufacturing (CAM) system for a full range of machine tool applications. ESPRIT delivers powerful full-spectrum programming for 2–5 axis milling, 2–22 axis turning, 2–5 axis wire EDM, multitasking mill-turn machining and B-axis machine tools, and high-speed 3- and 5-axis machining.

About DP Technology Corp.

DP Technology maintains its worldwide headquarters in Camarillo, Calif., and product development teams in California; Berlin, Germany, and Florence, Italy. Sales and support operations are located in Europe, Asia, and North and South America. For additional information about DP Technology and ESPRIT, call +1-805-388-6000, send an e-mail to esprit@dptechnology.com, or visit the company Web site at www.dpotechnology.com.

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SESCOI Demonstrates WorkNC CAD/CAM parallel computing capabilities at Euromold

18 Nov 2009

Parallel computing for its WorkNC automatic CAD/CAM software; fast and easy prostheses machining with WorkNC Dental; new tools and interfaces for its high-speed viewer **WorkXPLore 3D**; and the latest version of WorkPLAN Enterprise ERP make SESCOI's booth in Hall 8, F22 the place to go for productivity solutions at EuroMold, Frankfurt running from 1st to 4th December.

SESCOI will be unveiling its [WorkNC](#) parallel features (multi-threading and multi processing) for the first time at the show. WorkNC's parallel computing capabilities enable it to take advantage of the speed of the latest multi-processor computers by splitting computational tasks between processors, reducing memory requirements and greatly increasing the speed of calculation. WorkNC users have long had the ability to program the next part while calculating the previous one, and can set-up a queue of jobs to be calculated out of normal working hours. The new parallel algorithms will extend and further improve these capabilities, virtually eliminating waiting times, bringing an optimized toolpath to the machine tool in a fraction of the time previously possible.

WorkNC Auto 5 sets the standards for the easy and automatic programming of continuous 5-axis toolpaths. SESCOI has extended this capability with its Auto 3+2 module, designed to meet the demands of 3+2 axis machining. Engineers on the SESCOI booth will be demonstrating WorkNC Auto 3+2's simple programming that makes 3+2 jobs much faster and easier, cuts down on manual operations, speeds up the machining process and eliminates errors. WorkNC's Auto 3+2 module brings the power of automatic multi-axis programming to older and larger machines, greatly improving their productivity.

WorkNC V20, which is compatible with MS Windows® 7, will be demonstrated on the SESCOI booth, highlights of this latest version include Z-level finishing combined with optimization in a single strategy, and new 3-axis undercut remachining.

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Live demonstrations of WorkNC's intelligent cutter paths on a Hermle C30 5-axis machining center will take place each day.

Visitors to the show from the dental and medical industries can also see a demonstration of [WorkNC Dental](#) with live machining of dental prostheses on a Witech MIC5 machine. Since its launch at the beginning of the year, the WorkNC Dental CAD/CAM system has taken the dental prosthetics industry by storm. Its highly automatic programming allows technicians with little or no knowledge of CNC machining to produce accurate, high quality bridges, crowns and inserts in hard to machine materials such as chrome cobalt, titanium and zirconia. Nesting minimizes material wastage, interactive pin positioning locates the prosthesis during cutting, machining wizards automatically produce an optimized 3 to 5-axis high-speed toolpath, and automatic margin line detection ensures that the sensitive gum area is machined accurately. SESCOI is working with a number of partners within the dental prosthetics manufacturing sector, including Dental Wings, well known for its scanners and dental CAD software. SESCOI and its partners promote an "open system" philosophy that provides dental professionals with a flexible and affordable solution for prostheses manufacture.

Increased collaboration and concurrent working within an organization, its suppliers and customers, helps to optimize product design and shorten development cycles. [WorkXPlore 3D](#) makes this possible by enabling the high speed sharing, analysis and mark-up of CAD data from multiple sources. New features within the software allow users to include dimensions with geometric tolerance symbols and permit data sharing with SESCOI's ERP solution WorkPLAN Enterprise, released in Version 3 at EuroMold.

[WorkPLAN Enterprise V3](#) is dedicated to the needs of custom manufacturers such as special purpose machine makers and mold makers. It allows managers to have absolute control of costs and production, and produce highly accurate quotations. The new link to SESCOI high-speed viewer, WorkXPlore 3D, helps to refine the quoting process, bringing better products to market sooner and at the right price. WorkPLAN Enterprise Version 3 will be SAP® certified and has already increased the range of 3rd party software it links to, including Preactor® and Ortems® advanced planning and scheduling systems. Quality control improvements in the new version include scheduled maintenance monitoring and equipment recalibration timetables, while mobile working is promoted through remote database access, allowing managers to check the current status of production from wherever they are in the world.

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Financial News

Avatech Solutions Reports Profitable First Fiscal Quarter Results

16 Nov 2009

BALTIMORE--Avatech Solutions, Inc. announced financial results for its first fiscal quarter ended September 30, 2009.

The Company reported total revenues of \$7.8 million for its fiscal 2010 first quarter, compared to \$10.8 million in the prior-year quarter. Because of the expense reduction strategies undertaken in the prior quarters, Avatech reported an increase in its overall gross margin percentage and significantly lowered operating expenses when compared with those reported in the prior year. The Company's overall gross margin percentage was 46.3% for the quarter ended September 30, 2009, an increase from the 44.3%

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reported in the prior year. Operating expenses decreased to \$3.4 million for the current quarter, compared to \$4.6 million for the quarter ended September 30, 2008. Avatech returned to profitability for the quarter reporting net income of \$127,000, or \$0.00 per fully diluted share, as compared with a net loss of \$99,000, reported for the quarter ended June 30, 2009. For last year's quarter ended September 30, 2008, the Company earned net income of \$154,000, or \$0.01 per fully diluted share. Adjusted EBITDA (as defined) was \$445,000, compared to adjusted EBITDA of \$448,000 in the prior year period.

Avatech's balance sheet continues to be strong as evidenced by cash of \$2.8 million, working capital in excess of \$1.7 million and only \$129,000 of long-term liabilities. The Company's liquidity is further strengthened by its \$5 million line of credit, although it has not needed to borrow on that line since January 2008.

"Overall, our results for the quarter exceeded our expectations as software sales and services revenues increased by 16.4% from the quarter ended June 30, 2009. In addition, in this quarter's results we see the full impact of our cost reduction efforts with both cost of service revenue and operating expenses significantly lower than the levels experienced in the prior quarter," commented President and Chief Financial Officer Lawrence Rychlak. "Taking the painful steps that we made last fiscal year has positioned us well to remain consistently profitable in spite of the lingering effects of the national recession."

"We are beginning to see some improved market conditions as customers' budgetary constraints loosen and they express greater interest in our software and services. The key points of our strategy throughout this economic recovery will be to continue to grow our revenues and monitor our costs in order to increase our market share and grow our bottom line. We remain cautiously optimistic about the future and know that we are well positioned from an organizational standpoint to execute our strategy and provide outstanding value to our customers," concluded Mr. Rychlak.

George Davis, Chief Executive Officer, added, "This return to profitability combined with a slightly improved economic outlook in the United States, has provided stability to Avatech's core business. I am excited to lead the next steps in our strategic process of diversifying the Company's base of revenues. We are now well positioned to move forward on strategic development activities including M&A opportunities that, coupled with organic growth initiatives, will build a more solid business platform."

Conference Call Information

Avatech Solutions will hold a conference call to discuss its fiscal 2010 first quarter results at 11 a.m. ET on November 16, 2009. The dial-in numbers for the conference call are (888) 680-0865 (domestic) or (617) 213-4853 (international), and enter the passcode (25615735). A replay of the call will also be available through November 23, 2009, and can be accessed by dialing (888) 286-8010 (domestic) or (617) 801-6888, and dialing the passcode (62413298).

A live webcast of the conference call will be available to all investors in the Investor Relations section of the Company's website, www.avatech.com. For those who cannot listen to the live broadcast, an audio replay of the call will also be available on the Company's site for a limited time.

About Avatech Solutions

Avatech Solutions, Inc. (OTCBB: AVSO) is America's leading professional services company for design and engineering technologies. Avatech advances the way organizations design, develop, and manage building, infrastructure, and manufacturing projects. Fortune 500 and Engineering News

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Record's Top 100 companies work with Avatech to gain a competitive advantage through technology consulting, implementation, training, and support services. One of the world's largest integrators of Autodesk software, Avatech designs systems that accelerate innovation while improving quality and profitability. For more information please visit www.avatech.com.

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Cimatron Reports Financial Results for the Third Quarter and First Nine Months of 2009

18 Nov 2009

Cimatron Limited today announced financial results for the third quarter and first nine months of 2009.

Danny Haran, President and Chief Executive Officer of Cimatron, said, "The third quarter is typically the weakest quarter of each year, mostly because of the summer vacation in Europe, and 2009 was no exception. The overall picture is little changed from previous quarters, where maintenance revenues hold up well, while product revenues are significantly below last year's numbers. In spite of lower revenues, our balance sheet remains solid, with \$7.5 million in cash and cash equivalents. We expect an increase in product revenues in the coming quarter, though it is still too early to say if this is a true recovery in our market or just a reflection of usual end-of-year seasonality", concluded Mr. Haran.

The following provides details on Cimatron's GAAP and non-GAAP figures in the third quarter and first nine months of 2009:

There is no difference between GAAP and non-GAAP revenues in 2009. Revenues on a non-GAAP basis in 2008 excluded the effect of business combination accounting rules on the acquired deferred maintenance revenue balance of Gibbs System Inc. that was merged into Cimatron in early 2008. Expenses on a non-GAAP basis in 2009 and 2008 exclude the non-cash amortization of acquired intangible assets of Microsystem and Gibbs, and the effect of deferred taxes.

GAAP:

Revenues for the third quarter of 2009 were \$7.2 million, compared to \$9.9 million recorded in the third quarter of 2008. For the first nine months of 2009, revenues were \$23.2 million, compared to \$30.6 million in the same period of 2008.

Gross Profit for the third quarter of 2009 was \$5.8 million as compared to \$8.2 million in the same period in 2008. Gross margin in the third quarter of 2009 was 80% of revenues, compared to a gross margin of 83% in the third quarter of 2008. For the first nine months of 2009, gross profit was \$18.7 million, compared to \$24.9 million in the same period of 2008. Gross margin for the nine months ended on September 30th, 2009 was 81% of revenues, compared to a gross margin of 82% in the same period of 2008.

Operating loss in the third quarter of 2009 was \$(901) thousand, compared to an operating profit of \$19 thousand in the third quarter of 2008. In the first nine months of 2009, Cimatron recorded an operating loss of \$(1.7) million, compared to an operating loss of \$(126) thousand in the first nine months of 2008.

Net Loss for the third quarter of 2009 was \$(731) thousand, or \$(0.08) per diluted share, compared to a net profit of \$111 thousand, or \$0.01 per diluted share recorded in the same quarter of 2008. In the first nine months of 2009 net loss was \$(1.4) million, or \$(0.15) per diluted share, compared to a net profit of \$18 thousand, or \$(0.00) per diluted share, in the first nine months of 2008.

Non-GAAP:

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Revenues on a non-GAAP basis for the third quarter of 2009 were \$7.2 million, compared to \$10.1 million recorded in the third quarter of 2008. For the first nine months of 2009, revenues were \$23.2 million, compared to \$31.3 million in the same period of 2008.

Gross Profit on a non-GAAP basis for the third quarter of 2009 was \$6.0 million as compared to \$8.5 million in the same period in 2008. Gross margin in the third quarter of 2009 was 82% of revenues, compared to 85% in the third quarter of 2008. In the first nine months of 2009, gross profit on a non-GAAP basis was \$19.2 million, compared to \$26.1 million in the first nine months of 2008. Gross margin on a non-GAAP basis for the nine months ended on September 30th, 2009 was 83% of revenues, same as in the first nine months of 2008.

Operating Loss on a non-GAAP basis in the third quarter of 2009 was \$(654) thousand, compared to an operating profit of \$514 thousand in the third quarter of 2008. In the first nine months of 2009, Cimatron reports an operating loss of \$(989) thousand, compared to operating profit of \$1.4 million in the first nine months of 2008.

Net loss on a non-GAAP basis for the third quarter of 2009 was \$(575) thousand, or \$(0.06) per diluted share, compared to a net profit of \$646 thousand, or \$0.07 per diluted share recorded in the same quarter of 2008. In the first nine months of 2009, net loss was \$(907) thousand, or \$(0.10) per diluted share, compared to a net profit of \$1.6 million, or \$0.17 per diluted share, in the first nine months of 2008.

Conference Call

Cimatron's management will host a conference call November 18th, 2009. For those unable to listen to the live call, a replay of the call will be available from the day after the call under the investor relations section of Cimatron's website, at: www.cimatron.com

About Cimatron

With over 25 years of experience and more than 40,000 installations worldwide, Cimatron is a leading provider of integrated, CAD/CAM solutions for mold, tool and die makers, as well as manufacturers of discrete parts. Cimatron is committed to providing comprehensive, cost-effective solutions that streamline manufacturing cycles, enable collaboration with outside vendors, and ultimately shorten product delivery time.

The Cimatron product line includes the CimatronE and GibbsCAM brands with solutions for mold design, die design, electrodes design, 2.5 to 5 axes milling, wire EDM, turn, Mill-turn, rotary milling, multi-task machining, and tombstone machining. Cimatron's subsidiaries and extensive distribution network serve and support customers in the automotive, aerospace, medical, consumer plastics, electronics, and other industries in over 40 countries worldwide.

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HP Board Declares Regular Dividend, Sets Annual Meeting and Record Dates

20 Nov 2009

The HP board of directors has declared a regular cash dividend of 8 cents per share on the company's common stock.

The dividend, the first in HP's fiscal year 2010, is payable on Jan. 6, 2010, to stockholders of record as of the close of business on Dec. 16, 2009.

HP has approximately 2.4 billion shares of common stock outstanding.

HP also established a record date for its 2010 annual meeting of stockholders. HP stockholders of record at the close of business on Jan. 19, 2010, will be entitled to notice of the annual meeting and to vote upon matters considered at the meeting. The annual meeting will be held in Mountain View, Calif., on March 17, 2010.

HP will make available to all stockholders of record important information about the meeting and the matters to be considered. Stockholders are urged to review that information when it becomes available.

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Implementation Investments

Aerostruktur Faserverbundtechnik GmbH selects Altair's HyperWorks Suite to streamline development process of airborne structures

19 Nov 2009

Altair Engineering, Inc. announced today that Aerostruktur Faserverbundtechnik GmbH, a Germany-based aerospace supplier, has chosen HyperWorks, Altair's computer aided engineering (CAE) suite, to reduce modeling time and to accelerate the overall development process.

Aerostruktur Faserverbundtechnik GmbH specializes in design, development, and manufacturing of complete airborne structures and components. The company has broad expertise in design and manufacturing techniques involving fiber-reinforced plastics and started to use HyperWorks in May, 2009, with the suite's pre- and post-processing tools: HyperMesh and HyperView, as well as the suite's solver, RADIOSS. All tools are used for basic engineering design work, including structural analysis in the aviation and aerospace field, but also for military applications.

"The decision to switch to HyperWorks was especially driven by the fact that HyperMesh is much faster and more flexible than any competitor's tool we have tested," said Dipl.-Ing. W. Hoffmann, managing director at Aerostruktur Faserverbundtechnik GmbH. "Quick meshing and geometry cleanups can be done a lot easier and are partly automated, which saves us considerable modelling and meshing time. Furthermore, HyperWorks will help us to streamline our core activity, the development of advanced structures of fiber-reinforced plastics."

"I am very pleased with Aerostruktur's selection of our HyperWorks Suite," said Dr. Detlef Schneider, managing director, Altair, Germany. "We see a high interest on the part of aerospace OEMs and suppliers in adopting HyperWorks' superior modeling, visualization and optimization technologies. In particular, our solutions for the optimization of composite structures are key for further improvements in aerospace development and lead to lighter and better products created in less time."

About HyperWorks

Built on a foundation of design optimization, performance data management and process automation, HyperWorks is an enterprise simulation solution for rapid design exploration and decision-making. As the most comprehensive, open-architecture CAE solution in the industry, HyperWorks includes best-in-class modeling, analysis, visualization and data management solutions for linear and non-linear,

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structural optimization, fluid-structure interaction and multi-body dynamics applications. For more information, please visit www.altairhyperworks.com.

About Aerostruktur Faserverbundtechnik GmbH

Aerostruktur Faserverbundtechnik GmbH in Gundelfingen offers a wide range of expertise in engineering and manufacturing disciplines. From structural analysis using HyperWorks to aerodynamic investigations using FLUENT and CFD++ for the development of mainly airborne components and complete aircraft, Aerostruktur is specialized not only in the design and development field but also in the manufacturing of complete structures. Developed over three decades, special knowledge about different design and manufacturing techniques incorporating fiber-reinforced plastics is the source of the development work at Aerostruktur. Primarily, light weight CFC-Prepreg technology (2 autoclaves) is used in the latest designs of aircraft and aircraft parts at Aerostruktur. For more information please visit: www.aerostruktur.de.

About Altair

Altair Engineering, Inc. empowers client innovation and decision-making through technology that optimizes the analysis, management and visualization of business and engineering information. Privately held, with more than 1,300 employees, Altair has offices throughout North America, South America, Europe and Asia/Pacific. With a 20-year-plus track record for product design, advanced engineering software, grid computing technologies and enterprise analytics solutions, Altair consistently delivers a competitive advantage to customers in a broad range of industries. To learn more, please visit www.altair.com.

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Amstrad goes live with ERP system from IFS

20 Nov 2009

Following acquisition by BSKyB, Amstrad announces the implementation of a new ERP system from IFS which will improve collaboration across the newly integrated workforce

IFS, the global enterprise applications company, today announces that Amstrad has successfully completed the implementation of IFS's Enterprise Resource Planning (ERP) solution, IFS Applications. BSKyB and Amstrad made the decision to change suppliers during the integration of Amstrad's operations with that of parent company BSKyB, which has been using IFS since 2006. The deployment of IFS's ERP system was essential to integrate Amstrad's business and processes into BSKyB and to provide a single platform from which to improve internal efficiencies, allowing for future growth.

Amstrad, which was founded in 1968 by Sir Alan Sugar, is now wholly owned by BSKyB and is responsible for the manufacturing of Sky digital TV boxes. This process involves managing orders, purchasing components and the selling and distributing of boxes to its parent company. BSKyB realised this process would be simplified with both companies using a single ERP system for a range of business models, such as inventory, purchasing and customer file orders, to give complete visibility of the supply chain and improve efficiencies.

Marion Scott, Head of Supply Chain Services at BSKyB said, "Before the acquisition, Amstrad operated with a number of different systems and suppliers, which made collaboration with BSKyB challenging. Having used IFS for a number of years and experiencing the benefits of its ERP system first-hand it was an easy decision to move Amstrad on to the IFS system to simplify operations. By consolidating these

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modules, we can now better manage overheads with fewer suppliers and reduce our licensing costs.”

To meet with BSKyB’s requirements, IFS worked with both companies to evaluate which modules to move across to the IFS system, ensuring processes could be improved wherever possible. With BSKyB intent on realising the benefits of a single system as soon as possible by ensuring both businesses were running efficiently, the company specified a strict deadline which was non-negotiable. As such the IFS ERP solution for Amstrad was delivered within just 10 weeks.

Paul Massey, IFS UK MD, said: “Our ability to deliver a flexible ERP system for Amstrad within a very short time frame is testament to our commitment to meeting customer demands. Moreover, Amstrad will now experience a more cohesive and unified operation with BSKyB, ultimately enabling the organisation to fulfill customer orders more efficiently. We look forward to helping both Amstrad and BSKyB continue to thrive by providing an enterprise application that fits current requirements and will also evolve to address any future challenges.”

About IFS

IFS is a public company (OMX STO: IFS) founded in 1983 that develops, supplies, and implements IFS Applications™, a fully-integrated, component-based extended ERP suite built on SOA technology. The company has more than 2,000 customers in more than 50 countries and focuses on seven main industries: aerospace & defense, utilities & telecom, manufacturing, process industries, automotive, retail & wholesale distribution, and construction contracting & service management. IFS has 2,700 employees and net revenue in 2008 was SKr 2.5 billion.

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Bombardier Aerospace Standardizes on VISTAGY’s FiberSIM® Software for All Composites Design-to-Manufacturing Processes

17 May 2009

WALTHAM, Mass. — VISTAGY, Inc. has been selected by Bombardier Aerospace to provide the FiberSIM software suite as the standard composite engineering solution for all aircraft programs at Bombardier. FiberSIM will help meet the delivery schedule for the 110- and 130-seat all new CSeries* jetliners and the all-composite Learjet 85* business jet, two of the most technologically advanced aircraft in the world. Bombardier is streamlining its global supply chain and integrating distributed processes by standardizing the entire composites development process for both programs on FiberSIM, resulting in best-in-class aircraft that meet delivery schedule and budget requirements.

Bombardier chose to use composites extensively on both the CSeries and Learjet 85 aircraft programs to achieve its objectives for improved performance, cost effectiveness, reduced maintenance, ease of repair, extended service life and passenger comfort. The company recognized it needed a composites technology software expert to realize those goals and chose VISTAGY, which had already successfully worked with Bombardier on the CRJ700* and CRJ1000* aircraft programs.

“After a comprehensive evaluation, VISTAGY’s thorough understanding of our business and design challenges, its proven software, and world-class consulting and support services were key drivers in our decision to partner with them,” said Tim Ambridge, a director of design engineering at Bombardier Aerospace. “FiberSIM enables us to solve complex engineering issues early in the design phase, and in some cases, we wouldn’t have been able to design certain key parts without it. VISTAGY’s world-class knowledge and expertise in developing composite products will be instrumental in contributing to the

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success of the development of Bombardier composite methodology.”

VISTAGY’s support of the development process for composite aerostructures across the distributed supply chain—from analysis, design and manufacturing to certification—was a significant factor in Bombardier’s decision. FiberSIM offers the greatest flexibility and productivity for streamlining the global supply chain by providing all the necessary design and manufacturing information.

Standardizing on FiberSIM has provided Bombardier with a framework to integrate distributed processes so changes are easily propagated throughout the entire development cycle, increasing the number of design iterations and ultimately improving aircraft performance. FiberSIM’s proven ability to integrate with industry-leading solutions, such as finite element analysis software from MSC.Software, and multiple manufacturing technologies, such as automated fiber placement, automated tape laying, laser projection, nesting and automated cutting, gives Bombardier the necessary flexibility to take advantage of best-in-class technologies.

“We’re pleased to support Bombardier’s leading-edge work in new technologies for designing and manufacturing composite assemblies and components so they can meet their critical objectives for the C Series and Learjet 85 aircraft programs,” said Scott Carlyle, vice president of worldwide sales for VISTAGY. “Delivering optimal quality composite parts in the least amount of time is the primary goal for both Bombardier Aerospace and VISTAGY, and we’re proud to be associated with this innovative aircraft manufacturer.”

About VISTAGY, Inc.

VISTAGY, Inc. is a provider of engineering software and consulting services that optimize product development processes by enhancing the functionality of commercial 3D CAD systems. For almost 20 years, VISTAGY has been a pioneer in providing industry-specific solutions that capture complete virtual product definitions and facilitate automatic reuse and efficient exchange of engineering information across the enterprise and supply chain. VISTAGY solutions help customers deliver robust products on time and on budget by increasing productivity, improving communication throughout the product lifecycle and enabling better-informed decision-making early in the design process. The company's customers include over 200 of the world's leading manufacturers in the aerospace, automotive, transportation interiors and wind energy industries. VISTAGY is headquartered in Waltham, Massachusetts, USA and can be reached at +1.781.250.6800 or by visiting www.vistagy.com.

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CPG Implements First-Ever Agile PLM Release 9.3 at Avema Pharma Solutions

16 Nov 2009

BOCA RATON, Fla -- CPG has successfully implemented the first instance of Oracle's Agile Product Lifecycle Management (PLM) Release 9.3 at Avema Pharma Solutions, a division of PL Developments. Avema is an integrated single source manufacturing operation of pharmaceutical, over-the-counter (OTC), and nutritional solid-dose products based in Miami, Florida.

The new Agile system went live at Avema on September 28, 2009. "As a contract manufacturer of pharmaceuticals, Avema collaborates with our clients on the development, manufacture, and introduction of new products," said Thomas Crowe, CIO of Avema. "By implementing Agile PLM we have world-class portfolio management and product collaboration capabilities, along with flexible packaging options to meet the diverse needs of our clients. This will allow us to decrease our time to

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market, accelerate our market growth, and improve the service we provide to our customers."

Avema has the capacity to manufacture 8 billion dosages of pharmaceutical, OTC and nutritional solid-dose products. PL Developments offers extensive marketing services, including package design, branding, advertising, distribution, promotional materials, displays and digital media. The new system is designed to support the complete product lifecycle. CPG is now working with PLD on an enterprise-wide rollout of the Agile PLM Suite and the implementation of Oracle E-Business Suite.

The Oracle-CPG Solution

With Agile PLM in place, Avema gained efficiencies in portfolio visibility, process and schedule management, as well as content and resource management. "We implemented a single repository for Research & Development and Sales & Marketing content, made knowledge easily available across the organization and completely replaced the use of spreadsheets and databases for key functions," said Ali Safadi, Partner at CPG. Avema now has dashboards and reports that enable instant information and fast decision-making.

About Avema Pharma Solutions

Avema Pharma Solutions is an integrated single source solid dose manufacturer and packager of pharmaceutical, OTC, and nutritional products founded in Miami, FL in 1991 as PAL Laboratories. It was acquired in 2007 by PL Developments Acquisitions, LLC.

About PL Developments

PL Developments is a fast-growing OTC leader committed to bringing the highest-quality products to the market in the most cost-effective manner. The 200,000-square-foot FDA and DEA registered complex located in Westbury, NY offers state-of-the-art climate control, segregated positive pressure filling suites in a clean, secure facility. All production and material handling is performed under strict cGMP. PL Developments maintains the highest standards, surpassing quality regulations and customer expectations.

About CPG

Based in Boca Raton, Florida, CPG provides Engineering, Manufacturing and Supply Chain companies with a full range of Oracle Applications consulting services, primarily focusing on E-Business Suite, Business Intelligence, Agile PLM, Demantra and CRM OnDemand. <http://www.cpgsolutions.com>

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Delcam Software used for Sculpting by Robot

18 Nov 2009

Garner Holt Productions of San Bernardino, California, is the world's largest manufacturer of animatronics, special effects and show action equipment for theme parks, restaurants and other public places all over the globe. In the past, it took an army of designers and sculptors months to produce some of the incredible dinosaurs, cartoon characters and other animated figures that the company makes. Now, with a robot powered by Delcam software, those jobs are accomplished in a fraction of the cost and time. A video showing the robot in action can be seen on www.delcam.tv/garnerholt.

The Robotic Milling Cell (RMC) was put together by Delcam reseller Robotic Solutions, Inc. "The RMC is a phenomenal machine," says company president, Garner Holt. To operate it, Garner Holt uses

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a combination of Delcam programs; CopyCAD for reverse engineering, PowerSHAPE for detail design and PowerMILL for toolpath generation; plus custom-designed software from Robotic Solutions.

“We can either take data from a computer-generated file or we can take an actual model,” explained Mr. Holt. “For example, if we do a sculpture of a dinosaur that’s maybe six inches long and laser scan it, we’re able to tell the robot that the dinosaur is now forty feet long. The RMC will actually create the forty-foot dinosaur.” Once the design gets to the RMC, it only takes a few hours to sculpt the figure out of foam.

“We can scan a human head, clean the data up in an hour, and then run the toolpath software and cut the head in forty minutes,” he claimed. “You can have an image of a person’s head, so that you could recognise that person within millimetres, in a couple of hours. It would normally take a sculptor up to three weeks to do that.”

Mr. Holt continued, “Prior to this technology and even when we had our original five-axis gantry mill, everything was basically sculpted by hand. We would sculpt things as large as parade floats, dragons and dinosaurs. You would have five, six or even eight sculptors working for months to do something like that.” At the same time as he’s cutting costs for his usual work, Mr. Holt is also paying for the RMC by attracting new business and turning it out fast.

It wasn’t difficult for his artistic staff to make the adjustment to working with the robot, thanks to Robotic Solutions’ expert and experienced training staff. The instructors were incredible in the enthusiastic opinion of robot operator Robert Brena. “They were very informative,” he said. “They went at whatever pace we needed to. I could run the robot and generate toolpaths very quickly.”

Since reshaping their business using the RMC and Delcam software, Garner Holt has found their continuing relationship with Robotic Solutions to be helpful and valuable. “Any questions we’ve had since then, we’ve called and they’ve answered them right away,” according to Mr. Brena. “They’ve been right on top of everything we have asked.”

For further information on Delcam’s CAD/CAM software, please contact:

Peter Dickin, Marketing Manager

Direct phone: 44 (0)121 683 1081

e-mail: marketing@delcam.com

Delcam plc

Small Heath Business Park,

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Ferrari Optimizes Thermal Comfort Using ANSYS

18 Nov 2009

ANSYS, Inc. today announced that the Italian car manufacturer Ferrari — renowned all over the world for outstanding design, powerful engines and excellent driving performance — uses software from ANSYS to optimize automobile design and performance. The latest improvement involves the use of software from ANSYS to predict thermal comfort in the vehicle’s interior.

Automobile thermal comfort is important to prospective buyers, and, for this reason, Ferrari has made it

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a high priority in vehicle design. In order to assess comfort not only qualitatively but also quantitatively, Ferrari worked together with the University of Pisa in Italy to define thermal comfort indices and to make comprehensive evaluations of the general aspects of thermal comfort. Because an experimental approach was not practical, the investigating engineering team used fluid dynamics software from ANSYS to perform the calculations.

“Thermal comfort is an individual perception and not a measurable value,” explained Giovanni Lombardi, professor of airplane aerodynamics and vehicle aerodynamics at the University of Pisa. “Qualitative statements from a test team do not really help car developers who want to measure the design quality and usefulness of design changes objectively and comparably. An experimental approach for determining the data required was virtually impossible. For that reason, we used engineering simulation software from ANSYS, which had advantages for this scenario and rendered accurate and reliable results.”

The research team based its resulting “global thermal comfort index” on several local indices: the thermal equilibrium of the human body, discomfort caused by drafts, and horizontal and vertical temperature gradients. A number of factors were studied, including the car’s velocity and materials (leather, glass, aluminum) as well as sensitivity to warming or cooling on various body sites (leg, arm, face, covered with clothing or not), solar irradiance, vehicle interior size, and air flow.

“Ferrari and the University of Pisa faced the difficult task of measuring design quality and usefulness of design changes objectively and comparably. They saw a high business value in applying our software and made profitable use of it,” said Jim Cashman, president and CEO of ANSYS, Inc. “The advantage of Simulation Driven Product Development™ is that no complex physical models or testing configurations are required, and the design can be tested, optimized and, if necessary, modified virtually at an early stage in the development process. Companies across the whole industry spectrum — not just automotive — are seeing the benefits of this process. In this case, with help from ANSYS® software, Ferrari is living up to its expectations of designing one of the most desirable brands worldwide.”

For downloadable images, visit <http://www.ansys.com/newsimages>.

About the University of Pisa

The University of Pisa (Università di Pisa) is part of the Pisa University System, together with the Scuola Normale Superiore and the Sant’Anna School of Advanced Studies. Through this configuration, the city of Pisa confirms its role as an academic centre of high repute and great prestige, both at national and international levels. The University of Pisa is especially known for its science and engineering branches, which manage extremely good courses at the BSc, MSc and PhD level. The university now has about 57,000 students.

About ANSYS, Inc.

ANSYS, Inc., founded in 1970, develops and globally markets engineering simulation software and technologies widely used by engineers and designers across a broad spectrum of industries. The Company focuses on the development of open and flexible solutions that enable users to analyze designs directly on the desktop, providing a common platform for fast, efficient and cost-conscious product development, from design concept to final-stage testing and validation. The Company and its global network of channel partners provide sales, support and training for customers. Headquartered in Canonsburg, Pennsylvania, U.S.A., with more than 60 strategic sales locations throughout the world, ANSYS, Inc. and its subsidiaries employ over 1,600 people and distribute ANSYS products through a network of channel partners in over 40 countries. Visit www.ansys.com for more information.

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Forestry Equipment Maker STIHL Optimizes Planning With Dassault Systèmes' DELMIA

17 May 2009

Dassault Systèmes today announced that global power tools provider ANDREAS STIHL AG & Co. KG has selected Dassault Systèmes DELMIA Process Engineer to optimize complex planning processes for product development.

The implementation of DELMIA Process Engineer (DPE) at STIHL includes PPR Navigator, Process Resource Planning, Product Evaluation, Standard Time Measurement, and Automatic Line Balancing modules. Several workplaces were equipped with these solutions in the process planning department as well as in the assembly equipment planning.

"The objective was to integrate depiction of standardized planning processes within a centralized planning tool," said Dr. Jörg Schlossarczyk, director of central planning at STIHL. The Manufacturing Hub as a centralized data source for all planning information is of particular importance. A list of SAP-generated variants is imported into the system through an interface and forms the basis for planning. Software-supported balancing of assembly lines is achieved based on process planning, equipment, and time management data, which are generated using DELMIA Process Engineer and stored. Now, all planners and designers involved can quickly and easily make changes to processes and development schedules. Anyone involved in the manufacture of the product can access planning documentation at the touch of a button.

"These changes provided us with significantly more efficient and transparent processes in the early stages of development and manufacture of our products," emphasizes Dr. Schlossarczyk. With DELMIA Process Engineer, planning information regarding assembly processes and assembly equipment can be easily standardized.

In the past, processes used in planning were primarily associated with individual planners. Additionally, the standard productivity/time management tools being used in planning were difficult to access and insufficiently transparent for external employees and other company divisions involved in processing. With DELMIA Process engineer Stihl can ensure full transparency through simple assessments by all the departments involved in the product planning process.

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IBM and Dassault Systemes Help Panasonic Home Appliances Company Develop Smarter Cooking Appliances

18 Nov 2009

PARIS & ARMONK, N.Y.-- -Dassault Systèmes, and IBM today announced that they have teamed up with Panasonic's Home Appliances Company and its Kitchen Appliance Business Unit (BU) to support the development of more convenient and safer home appliances and accelerate the introduction of induced heating (IH) appliances, such as flat cooktops, into the Japanese market.

IH appliances are produced and developed by Panasonic's Kitchen Appliance BU and they are gaining

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popularity as an alternative to gas-heated appliances. These appliances generate heat through a process known as Joule heating or the transfer of heat to the bottom of a cooking pan through an electromagnetic field. Heating efficiency levels are over 90% since heat is transmitted directly to the cooking area safely without any air pollution as this method avoids cooking food using direct fire.

With its industry's first all-metal heating and light-sensor technologies, Panasonic's IH appliance leads the industry in heat induction technology allowing consumers to quickly measure cooking temperatures so they can accurately control the amount of heat generated for cooking.

As demand increases for products that perform intelligent functions, companies face the challenge of managing complex design environments to interconnect the software, mechanical and electrical components required to manufacture more sophisticated products. IBM and Dassault Systèmes are helping Panasonic's Kitchen Appliance BU use CATIA software, a 3D virtual design platform, for the digital development of product design plans used in the manufacturing of more energy-efficient, electrical appliances with features that will help consumers lead smarter lives.

Panasonic's Kitchen Appliance BU uses PLM software solution CATIA to help shorten the product development period and improve design quality as follows:

- All design processes, from initial digital designs to physical mold designs, were done as part of one integral process to shorten the product development cycle.
- Key IH appliance parts, such as resin and plate parts, were designed in a 3D format allowing fast and direct collaboration with multiple factory mold makers. The process of mold drawing and production was shortened by 40%.
- Metal parts, critical to the operation of IH appliances, were designed and tested quickly, saving up to two days of testing time by using module of CATIA Sheet Metal Design.
- With CATIA Analysis features, product designers performed repeated analysis of large and complex assembly parts quickly, which allowed the Kitchen Appliance BU team to focus on delivering a high quality product early in the design process.

Industry analysts point to demand for future products such as zoneless induction stoves that can be powered with intelligent sensors that determine the presence of pots anywhere on the stove and automatically ignite energy under the cooking pot and nowhere else. Panasonic's Kitchen Appliance BU will continue using Dassault Systèmes PLM solution for the design and development of new eco-friendly products that help reduce of carbon monoxide (CO₂) emissions.

"Compared to other software design products, CATIA has a rich set of design functions needed for products requiring sophisticated surface and shape designs such as our electric cooking heaters," said Mr. Yasushi Morimoto, team leader, Kitchen Appliance BU, Home Appliances Company, Panasonic Corporation. "Seamless integration between CAD, CAE (Computer Aided Engineering) and CAM (Computer Aided Manufacturing) drove our decision to choose Dassault Systèmes 3D platform. Our goal is to expand into new product development areas by enhancing collaboration among internal units, realizing global collaborative design, and improving perfection of design through expanding utilization of CAE," added Mr. Morimoto.

"Japanese companies have long mastered the art of achieving excellence in product design and manufacturing and with Dassault Systèmes CATIA 3D software, Panasonic's home appliance division can now deliver a smarter and greener product," said Albert Bunshaft, vice president, IBM Product Lifecycle Management.

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Lockheed Martin Aeronautics Commits To Jotne Interoperability Solutions Based on STEP/PLCS

19 Nov 2009

Jotne EPM Technology, an Interoperability Solution Company, today announced an agreement with Lockheed Martin Aeronautics to expand the development and deployment of an advanced System for Simulation Data Management (SimDM) using the STEP/PLCS standards, ISO 10303.

The SimDM project will provide a functioning collaboration server with the ability to distribute timely, accurate and complete product data, based on ISO 10303-209 (AP209) in support of aircraft, land vehicles, and ships allowing users such as national ministries of defence and air logistics centers to have access to simulation information. It also provides users the ability to combine Product Data Information that will interface with Lockheed Martin's core engineering and simulation off-the-shelf CAD and CAE applications.

"Companies investing in data exchange capabilities based on interoperability standards will greatly benefit from its ability to retain digital product data for long periods of time - greater than 50 years, said Dr. Mike Jahadi, Technical Fellow at Lockheed Martin Aeronautics.

The objective of the SimDM project is to help solve the current constraints on long term data retention of information using an internationally-recognized standardized format, enabling cost-effectiveness, streamlined processes and improve efficiencies.

"Jotne is excited about this new project opportunity and we are extending our 10 years' experience working together with Lockheed Martin", said Jotne Vice President Kjell Bengtsson.

About Jotne EPM Technology

Jotne EPM Technology is a member of the Jotne Group, specializing in Logistics Information Technology. Since 1990 the company has developed database solutions to handle standards such as ISO 10303 STEP, PLCS, ASD 1-5000 series etc. These are open specifications with public availability used by aerospace, space and defence-related industries to manage information about complex systems. Jotne has a staff of about 300 people, and its IT products are used by clients all over the world, including the US Department of Defense, the European Space Agency and leading aerospace/defence/space contractors.

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Mando Selects MSC.Software's Engineering Solutions to Improve Product Development

18 Nov 2009

MSC.Software, a leading global provider of simulation software and services, today announced that Mando, one of the Korea's leading automotive parts manufacturers has selected MSC.Software's computer aided engineering (CAE) tools to improve its engineering productivity and efficiency.

As a strategic supplier for the leading automotive makers in Korea, Mando has stringent demands on the quantity and quality of their simulation and analysis projects. Making simulation a strategic business imperative, Mando leveraged MSC.Software's engineering analysis solutions including Adams to integrate their modeling and simulation results into the automakers' engineering processes in Korea.

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“Mando has been using MSC.Software to perform quality checks and predict the life cycle for our products. As our virtual product development got more sophisticated, we needed to expand our requirement for simulation solvers. With MSC.Software suite of engineering solutions, we are able to perform various engineering analysis scenarios with maximum efficiency. More recently, Mando has increasingly focused our attention on driving engineering innovation in the automotive supply chain. Our expanded utilization of MSC.Software solutions including Nastran, Marc and Adams across multiple applications helps to streamline and improve the automotive makers’ production process as many of the automotive makers are already using MSC.Software solutions as their simulation analysis benchmark,” said Mr. Sane Chang, General Manager of CAE & NVH Team, Central R&D Center, Mando.

About Mando

Mando is one of the largest and most competitive original equipment manufacturers in Korea. In particular, Mando utilizes automated systems to produce brake systems, steering systems, and suspension systems that are important to the performance of cars. Recognized worldwide for its engineering skills, Mando developed Korea’s first and the world’s fourth anti-lock brake and traction control systems in 1999. Mando’s brake systems are now supplied to domestic automobile manufactures as well as to the top 3 automobile manufacturers in the US. Mando’s steering systems are supplied to global automobile manufacturers, including GM, Ford and Chrysler. It is producing various types of suspension system for vehicles extending from passenger cars to large commercial vehicles. Mando also successfully developed many high-technology parts, including the 3-step ECS, fussy ECS, and Continuous Damping Control. Recently, Mando has focused on development of Active Safety Systems like SPAS (Smart Parking Assist System), SCC (Smart Cruise Control) and LKS (Lane Keeping System). Mando’s vision is to become one of the top 50 automotive part suppliers in the world within 2013 by expanding its business in areas such as X-By-Wire and Car-to-X communication. The research performance of the Mando Central Research Center has played a great role in securing global competitiveness for Korea’s automobile industry.

About MSC.Software Corporation

MSC.Software is a global leader of simulation solutions that help companies improve quality, save time and reduce costs associated with designing and testing manufactured products. MSC.Software works with thousands of companies worldwide to develop better products faster with simulation technology, software, and services. MSC.Software employs 1000 people in 23 countries. For additional information about MSC Software’s products and services, please visit www.mscsoftware.com.

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SADEV Selects MSC.Software's SimXpert Software to Increase Product Performance and Reliability

16 Nov 2009

SANTA ANA, Calif. - MSC.Software announced that SADEV has selected MSC.Software products including SimXpert to optimize product design, thereby increasing product reliability and competitive advantage. By selecting SimXpert, SADEV will be able to simulate more efficiently by harnessing the power of an integrated simulation environment.

SimXpert is a fully integrated multidiscipline simulation environment. Integrated with MSC.Software's

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advanced multidiscipline (MD) solver technologies, SimXpert provides an efficient end-to-end solution that gives users native CAD access with bi-directional interoperability, pre-processing, solving, post processing, report generation, and automation capabilities within a single easy-to-use solution.

"After careful evaluation of products that can complement and extend our current simulation capabilities, we selected MSC.Software for their stellar reputation within the automotive industry, ease of use and the flexibility and openness of their Enterprise Advantage licensing system," said Benoit Vincendeau, Founder and CEO, SADEV. "We have a reputation for reliable and high-quality products that is very important to us so we are excited to partner with MSC.Software, a thought leader who recognizes just how important this is to our business."

About MSC.Software Corporation

MSC.Software is a global leader of engineering simulation solutions that help companies innovate, save time and reduce costs associated with designing and testing manufactured products. MSC.Software works with thousands of companies in hundreds of industries to develop better products faster by utilizing information technology, software, services and systems. MSC.Software employs more than 800 people throughout the world. For additional information about MSC.Software's products and services, please visit www.mscsoftware.com.

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STONY APPAREL Chooses NGC for Integrated PLM, Global Sourcing and Apparel ERP Solution

18 Nov 2009

NGC(R) (New Generation Computing(R)) today announced that STONY APPAREL, a branded and private label manufacturer of girls and junior apparel for some of the nation's largest retailers, is implementing NGC's Global Enterprise System software suite, including e-PLM(R) for Product Lifecycle Management, e-SPS(R) for Global Sourcing & Visibility, and RedHorse(R) ERP for EDI, Customer Order Processing, Inventory Management, Shipping and Financial Accounting.

The implementation is currently underway, and STONY APPAREL is quickly realizing benefits even in the early stages of the rollout. For example, NGC helped STONY APPAREL quickly implement the EDI module in RedHorse. As a result, STONY was able to meet a complex EDI requirement from a Tier 1 retailer and book a very large order -- something that wouldn't have been possible without the new software.

STONY APPAREL selected NGC's software suite to help manage the company's rapid growth, streamline business processes and provide global visibility. STONY sought an "end to end" ERP, PLM and Global Sourcing software solution to transform its design, customer service, production and shipping processes for the hundreds of styles produced each month -- and NGC's integrated solutions were a perfect fit.

"We needed an integrated system that could tie everything together, and that is why we selected NGC," said Richard Swartz, CFO, STONY APPAREL. "The fact that we could receive local implementation support through NGC's West Coast office was also important, as NGC's highly skilled technical professionals can work closely with us to ensure that we receive rapid ROI."

When the software implementation is complete, STONY APPAREL expects to see a number of benefits including:

* Improved collaboration. NGC's PLM and global sourcing software provides end-to-end visibility

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throughout the design and production process, and the web-based solution enables centralized, web-based communications and collaboration between STONY and its factories in Mexico, Central America and China. The software's calendars help STONY's employees and suppliers manage

the production workflow, and alerts are automatically triggered whenever deadlines aren't met -- allowing production problems to be quickly identified and resolved.

* Better margins. When implemented, NGC's software will greatly improve STONY's design costing processes, allowing the apparel company to quickly provide its retail customers with pricing and ensure that target margins can be met.

* Elimination of redundancies. With NGC's integrated solution, STONY APPAREL will be able to eliminate redundant data entries. "It will be easier to copy and create new styles without doing double entries, and that affects everything from Bill of Materials through costing and accounting," said Tracy Gale, director of technical services and technical design, STONY APPAREL.

* Enhanced customer service. e-PLM, e-SPS and RedHorse will enable STONY to deliver the highest level of customer service as its business grows, allowing the company to continue to respond rapidly to customer requests, without sacrificing turnaround time or quality.

* CPSIA compliance. By selecting NGC's CPSIA Compliance Module as part of the overall NGC solution, STONY APPAREL will be able to manage the complex testing processes mandated by the Consumer Product Safety Improvement Act (CPSIA). "It's very important for us to manage our test reports and Certificates of Compliance -- with NGC's software we can keep all the information in a single place, not in multiple areas," said Swartz

"NGC's software will enable STONY APPAREL to continue its remarkable growth and maintain the same high standards of excellence that its customers have come to depend upon," said Alan Brooks, president, NGC. "NGC is pleased to be working with STONY APPAREL, and we're glad that they are already realizing benefits as we roll out the software solutions."

About STONY APPAREL

STONY APPAREL is one of the hottest branded and private label manufacturers of kids, junior and junior plus apparel in the United States. With distribution in major department stores and specialty chains nationwide, this design-driven company focuses on trendy apparel for the fashion-conscious customer. For more information, visit www.stonyapparel.com.

About NGC

NGC (New Generation Computing) delivers fast, proven ROI. Every day, the industry's best apparel brands, retailers and consumer product companies increase gross margins, reduce the cost of goods sold, improve speed to market and product quality, and manage CPSIA compliance with NGC software.

NGC's Global Enterprise System software is a comprehensive suite of integrated, end-to-end solutions for PLM (e-PLM(R)), Global Sourcing (e-SPS(R)) and ERP (RedHorse(R)). NGC received the highest possible ranking in a leading analyst firm's 2009 and 2008 reports on PLM for apparel and footwear and has been recognized as a top 100 supply chain and logistics company by Inbound Logistics, Global Logistics & Supply Chain Strategies and Supply & Demand Chain Executive. It's no wonder that VF Corporation(R), A|X Armani Exchange(R), Carter's(R), Casual Male Retail Group(R), Maggy London, R.G. Barry, Hugo Boss(R), Dick's Sporting Goods, Isda & Co., Tristan & America(R), Parigi Group and many other leading companies rely on NGC.

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The European Commission Joint Research Center Selects Intergraph® SDI Solution as Pilot for Monitoring Air Quality in Europe

17 Nov 2009

The European Commission Joint Research Center has selected Intergraph spatial data infrastructure (SDI) technology for a pilot implementation of INSPIRE services for monitoring the air quality in Europe. This pilot project supports the European Commission Shared Environmental Information System and is a test for the implementation of an Ambient Air Quality and Clean Air for Europe (CAFE) directive based on INSPIRE services. Once the pilot project succeeds, Intergraph will be Europe's first technology provider for supporting clean air initiatives. The project will serve as a blueprint for the larger European Air Quality Information System in the 27 European Union countries.

“The CAFE project speaks to the rising demand for SDI technologies around the globe,” said Jeff Vining, Gartner vice president and research analyst. “SDI applications provide an ideal platform for large-scale collaboration and widespread data sharing. Environmental protection is one of many areas in which SDI is becoming increasingly valuable for communicating across country boundaries to achieve a common goal.”

Airborne pollution does not follow national or administrative boundaries, yet data on air quality are collected by many separate organizations within each member state. This can make it impossible to synthesize consistent and timely pictures of conditions for areas that are larger than the responsibility of a single organization, let alone at a regional level.

Intergraph's geospatially-powered SDI application ensures harmonized data exchange within the enterprise and between government, businesses and the public for improved communication, collaboration, productivity, ease of maintenance and reduced costs. The solution supports compliance with INSPIRE and other government directives that ease geospatial data sharing. For the CAFE program, Intergraph technology will record and consolidate data across all different government levels and regions of Europe for optimal air quality assessment.

“Intergraph is a long-term player in the field of SDI and INSPIRE,” said Horst Harbauer, senior vice president of Intergraph Security, Government & Infrastructure in EMEA. “We have helped shape the industry, working with countless government organizations and leading the development of industry standards and initiatives. We are honored to extend our expertise into the area of air quality and support efforts that will have such a profound impact on future generations.”

Intergraph serves almost every EU member state, offering its expertise and experience as a leading provider of geospatial technology. The company has participated in many other European Union-funded SDI initiatives, including GIS4EU, HUMBOLDT, eSDInet+, EURADIN and NATURE-SDIplus, further demonstrating a deep understanding of and commitment to SDI. More information on Intergraph's SDI solution can be found at: <http://www.intergraph.com/govt/sdi.aspx>.

About Clean Air for Europe

The Clean Air for Europe (CAFE) program was launched in March 2001 with the aim of developing long-term, strategic and integrated policy advice to protect against significant negative effects of air pollution on human health and the environment. More information can be found at:

http://europa.eu/legislation_summaries/environment/air_pollution/128026_en.htm.

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About Intergraph

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data into understandable visual representations and actionable intelligence. Intergraph's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph PP&M provides enterprise engineering software for the design, construction and operation of plants, ships and offshore facilities. Intergraph SG&I provides geospatially-powered solutions to the defense and intelligence, public safety and security, government, transportation, photogrammetry, utilities and communications industries. For more information, visit www.intergraph.com

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Why Shouldn't the Blind Drive?

16 Nov 2009

CONCORD, Mass.-Driving can be tedious. If you can see.

But for the blind, driving is one of life's most sorely missed conveniences. It means independence, the exhilarating possibility of simply going someplace without depending on friends, family, or public transportation schedules. A team of Virginia Tech students is trying to make this possible by helping blind drivers see with their hands and ears, and SolidWorks® CAD software is helping them.

"Many blind people prefer the concept of driving as opposed to being driven," says Kimberly Wenger, senior and student leader of the Virginia Tech Blind Driver Challenge project. "There's really no reason the blind can't drive someday, and they're already proving it in our semi-autonomous vehicle. The next step is perfecting the technology so they can drive on the open road without endangering anyone. Admittedly, that's a big challenge."

Blind individuals have been driving Virginia Tech's specially equipped dune buggy in parking lots throughout the summer (watch video:

<http://www.youtube.com/user/virginiatech#p/u/35/k0yr57meJ5w>). They have full control of the steering, accelerator, and brakes. They follow computer-generated steering commands, e.g., "two clicks to the right," delivered through headphones. The steering wheel emits an audible click for every five degrees it's turned. A vibrating vest signals the driver to slow or stop. The on-board computer produces directions based on data about the car's surroundings collected by a laser on the front of the car.

The Virginia Tech BDC team used SolidWorks to perfect the design of the roulette-style click wheel. "We used SolidWorks to design numerous concepts for the click wheel's internal mechanisms and to conduct several structured design reviews," said Wenger. "SolidWorks helped us visualize everyone's ideas, narrow them down, detect interference, and choose the best design. Thanks to the reviews, our consensus design has worked flawlessly from day one."

The team also used SolidWorks to design the dashboard panel and battery holder, and drive the laser cutting of the parts.

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The next frontier: driving decisions

As wonderful as it is for the blind to drive, the BDC team isn't satisfied. Why should the blind be told how to drive by a computerized master, rather than make driving decisions themselves?

Consequently, the next major feature on the BDC vehicle will be a breakthrough device that gives drivers a real-time tactile topographical map of their surroundings so they can make their own decisions on turning, slowing down, or stopping. Through this device, called the AirPix, drivers will detect terrain through their fingertips. AirPix works something like an air hockey table, with pressure being forced upwards through pin holes. Stronger pressures indicate obstacles. The team is using SolidWorks to design that device, too.

“SolidWorks has an easy and intuitive user interface that is ideal for concept generation, visualization, and virtual prototyping,” said Wenger. “It's making our design decisions much more objective, and helping us eliminate errors. Every day we get a little closer to our ultimate goal.”

The Virginia Tech Blind Driver Challenge project team consists of 12 mechanical engineering students working under Dr. Dennis Hong in his world-renowned Robotics and Mechanisms Laboratory (RoMeLa). The project is the school's response to a challenge issued by the National Federation of the Blind Jernigan Institute, which is dedicated to helping the blind achieve independence. Virginia Tech was the only organization that dared to tackle the challenge.

About Dassault Systèmes SolidWorks Corp.

Dassault Systèmes SolidWorks Corp., a Dassault Systèmes S.A. subsidiary, is a world leader in 3D solutions. The company develops and markets software for design, analysis, product data management, documentation, and environmental impact assessment. It is the leading supplier of 3D CAD technology, giving teams intuitive, high-performing software that helps them design better products. For the latest news, information, or an online demonstration, visit the company's Web site (www.solidworks.com) or call 1-800-693-9000 (outside of North America, call +1-978-371-5000).

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Zaha Hadid Architects Develops Visionary Buildings with Software from Dassault Systèmes Partner Gehry Technologies

17 Nov 2009

PARIS--Dassault Systèmes and Gehry Technologies, today announced that world leading Zaha Hadid Architects has expanded the deployment of Digital Project (DP), Gehry Technologies Building Information Modelling (BIM) system based on Dassault Systèmes' CATIA virtual design solution.

Zaha Hadid Architects pushes the boundaries of architecture and urban design experimenting extending and intensifying existing cities and landscapes. In the pursuit of a visionary aesthetic the practice designs and develops some of the world's most grandly innovative building projects on a huge and complex scale. These include the 340,000 square meter Soho Galaxy mixed office and retail site in Beijing and the radical 85,000 square meter Seoul Dongdaemun Design Plaza that includes a museum, library and educational facilities.

Taking these designs through to project delivery is a significant challenge. Revolutionary facades and the use of glass, steel and composites in entirely new structural ways requires unique processes and special methodologies. Functional, environmental and sustainable aspects of the buildings are equally

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complex with novel designs that must accord with practical and planning needs as well as providing significant visual and emotional responses. As building designs develop, a multitude of designers, contactors, engineers, planners, clients, project managers, fabricators, and other stakeholders need availability to, and interaction with, accurate current project status in 2 and 3D formats to suit their needs.

Cristiano Ceccato, Associate, Zaha Hadid Architects, explained the process of developing a design into a built environment. “We explore a range of solutions from the primary gesture through the use of digital tools within the overall creative process. Numerous, often overlapping data sources are used for our work and these must be assembled and centralized, formalized and integrated, into a cogent whole. On projects of this scale and complexity, accuracy is as crucial as flexibility and speed, as the 3D data is a critical component of project execution.”

Building project designs are developed on many diverse software systems. To handle this level of complex diversity, Zaha Hadid Architects deploys Gehry Technologies Digital Project (DP). Digital Project is a 3D Building Information Modelling (BIM) system developed by Gehry Technologies which uses CATIA as a core engine. Currently more than 10 major schemes are being developed at the practice using DP.

Cristiano Ceccato described how the practice applies Digital Project as a digital master system for its work. “As a single unified 3D software platform DP allows us to creatively evolve digital 3D models while retaining original design intent. It introduces a high level of concurrent design automation that increases productivity to levels that would be difficult to achieve with any other methodology. DP builds confidence at Zaha Hadid Architects by allowing us to design innovative, sophisticated, elegant structures on a grand scale in the knowledge that what we design can be constructed.”

David Jason Gerber, VP, Gehry Technologies and Assistant Professor, USC School of Architecture said: “Digital Project is a true BIM solution that provides vital unified infrastructure for the AEC industry. The value it adds to Zaha Hadid Architects reflects its CATIA source, Gehry Technologies software and services development, and DP’s important role at many of the world’s leading architects including, SOM, Herzog de Meuron, Arup, Aedas and Frank Gehry’s own practice. DP allows architects to design amazing buildings and mega structures that incorporate truly innovative material usage, with surety and control. The cultural icons of a generation are being realised through availability of the high fidelity digital 3D information that DP provides. DP is Frank Gehry’s digital legacy to architects that is transforming the building industry.”

Jacques Leveillé-Nizerolle, CATIA CEO, Dassault Systèmes said: “We are delighted that Zaha Hadid Architects is extending its usage of Gehry Technologies’ CATIA-based BIM system on such exciting and architecturally important projects. Gehry Technologies has combined advanced methodologies, considerable project experience, and construction know-how with the Dassault Systèmes’ Product Lifecycle Management solutions that proved their value to our core industries over the years, adapting them to the commercial, technical, and creative requirements of architectural work. The AEC industry is of great importance to Dassault Systèmes and plans are underway to extend our current offering and jointly bring technology advances to the larger architecture and building industries, from renowned architects to the wide community of industry professionals worldwide.”

About Zaha Hadid Architects

Zaha Hadid Architects is a London based practice of more than 300 professionals under the leadership of internationally acclaimed architect Zaha Hadid. Recipient of the prestigious Pritzker Prize and the

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only woman to have received it, Zaha Hadid consistently pushes the boundaries of architecture and urban design. Her work experiments with spatial quality, extending and intensifying existing landscapes in the pursuit of a visionary aesthetic that encompasses all fields of design.

<http://www.zaha-hadid.com>

About Gehry Technologies

Gehry Technologies provides building information modeling technologies and services for construction project planning, analysis, control, and evolution. The company has provided digitally guided construction practices to a broad spectrum of professional organizations and project typologies, from commercial and institutional building projects to large-scale infrastructure works.

Gehry Technologies develops Digital Project™, a suite of integration, modeling and analysis applications. The company offers Digital Project training and consulting services, and provide comprehensive, cross platform project strategies implementing a range of building information modeling (BIM) software products and custom solutions. Digital Project uses CATIA as a core engine.

<http://www.gehrytechnologies.com>

About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 115,000 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 to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences. Dassault Systèmes' shares are listed on Euronext Paris (#13065, DSY.PA) and Dassault Systèmes' ADRs may be traded on the US Over-The-Counter (OTC) market (DASTY). For more information, visit <http://www.3ds.com>.

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Product News

ANSYS, Inc. has released the latest version of FLUENT for CATIA V5 5.0

19 Nov 2009

As leading providers of CFD and PLM solutions, respectively, ANSYS, Inc. and Dassault Systèmes have worked together to bring FLUENT for CATIA V5 technology. As a partner in the Dassault Systèmes' Software Community Program, ANSYS is uniquely positioned to provide its leading flow modeling technology within the V5 PLM environment. The ANSYS and Dassault Systèmes collective objective is to enable PLM companies to optimize product performance early in the design cycle. FLUENT for CATIA V5 software accomplishes this vision by providing the best integration of CFD into PLM in the industry.

FLUENT for CATIA V5 technology is based on Dassault Systèmes' open SIMULIA scientific platform and the underlying CAA V5 architecture. ANSYS has created a fully PLM-integrated CFD solution that reveals the effects of fluid dynamics during product design. FLUENT for CATIA V5 technology is more

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than CFD embedded into CAD: it is CFD absorbed into the PLM bloodstream of the world's leading manufacturing companies.

In addition to knowledge and data management capabilities, PLM companies need fully generative relationships between the design of their manufacturing-ready geometric models and their mathematical simulation models, which include structural, thermal, and CFD analysis. Simply having the CFD model show up in the same graphics window as the CAD model is not enough. The CFD data has to fully reside in the PLM software's data management system. Only then can engineers rapidly turn their CAD models into flow models, and perform the comprehensive knowledge-based optimization studies needed to develop the best products in the shortest time. It is FLUENT for CATIA V5 technology that makes this possible.

Rapid flow modeling is an approach to CFD simulation aimed at reducing overall time and increasing efficiency. It allows for quick engineering design validation throughout the product lifecycle. FLUENT for CATIA V5 software embraces the high level of automation that is the key to successful rapid flow modeling. Tasks that often require a lot of manual intervention, such as meshing, solution steering, and reporting, are fully automated.

FLUENT for CATIA V5 technology provides fast, automated tools to extract a flow volume from the solid parts, an otherwise tedious step that is often overlooked in other software. The automated meshing logic cuts the time it takes engineers to create high-quality computational meshes from days to minutes. Specify the physics, and the FLUENT for CATIA V5 software will perform the simulation automatically without a need for the user to monitor the calculation. Comprehensive reports are generated automatically.

Our rapid flow modeling technology dramatically cuts the engineering time required to perform a CFD analysis. Engineers can do more and better analyses faster. The result is a better product design in a shorter time.

FLUENT for CATIA V5 software generates files that are 100% compatible with our CFD software FLUENT. This capability allows you to move back and forth easily between FLUENT for CATIA V5 software and the extensive physics modeling capabilities provided by FLUENT technology. It also allows for exchanging analysis between the CATIA users in your company and the FLUENT users, improving team collaboration.

The Volume of Fluid (VOF) model has been introduced in FLUENT for CATIA V5 5.0. The VOF model is very useful for modeling two-phase flows with a long free surface. This model is useful for applications where two different fluids, typically a gas and a liquid are interacting with each other. These include fuel cells, ship and boat hydrodynamics, water pumps and fuel tanks.

FLUENT for CATIA V5 5.0 has many additional features and enhancements. Key enhancements include more robust flow volume creation, user defined coloring of inlets and outlets, total heat flux specification for walls, periodic specification icon for periodic boundary conditions and appropriate error messages when meshing volumes using the Tgrid filler. Several enhancements have been made for large model handling, such as consistent numbering and highlighting of solid and fluid sides of walls. For problems involving mapping of pressure or temperature data to FEA models for Fluid Structure Interaction, it is now possible to select geometric features from the viewer or solid features from the specification tree as supports.

Several changes have been made to the post-processing capabilities. The icon groups have been reorganized and new capabilities have been added. A new icon group has been added for vector plots

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and the post-processing icons for contour, vector and pathline plots have been grouped together to make them more compact and accessible. It is now possible to create cut-planes easily to create slices through 3-D geometry for plotting. Turbulence at walls can be plotted using the additional y^+ quantity.

For HTML reporting, plots made on the full geometry created using Image Transformation will be included, and the total power due to torque will be reported for rotating walls. Plotting and reporting capabilities have been added for the VOF model. It is now possible to use CFD-Post as the external post-processor, allowing the creation of sophisticated plots and reports for both steady state and transient data.

Solution initialization will now allow users to initialize from a boundary and to specify a liquid height for open channel flows. It is now possible to run a calculation without any convergence criteria. Finally FLUENT for CATIA V5 5.0 has upgraded to the latest version of the FLUENT solver, ANSYS FLUENT 12.0.

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Dassault Systèmes Launches V6R2010x

17 November 2009

PARIS-Dassault Systèmes launched V6R2010x, the latest release of its PLM 2.0 platform, at the company's European Customer Forum. V6R2010x includes major deliveries in support of DS's PLM 2.0 and Social Innovation strategy serving new audiences within all communities, including traditional industry-oriented ones. The enhancements are delivered in the three sectors of V6's organic architecture (Lifelike Experience, Collaborative I-PLM and IP Creation). V6R2010x extends the reach of the V6 platform beyond on-premises solutions to include mobile and cloud solutions.

"Today's announcement is another demonstration of the power of the V6 platform," said Dominique Florack, Senior Executive Vice President, Products-Research and Development, Dassault Systèmes. "The V6R2010x platform delivers new and unique capabilities that connect users within their companies or with external online communities. It enables them to create and share their IP and 3D experiences with the ease of use of common Internet tools and the control required in industrial companies."

"Our V6 solution was installed in just two days. I must admit that I expected some sort of hitch," said Roberto Zuffada, CIO, Piaggio Aero Industries. "But the implementation went extremely smoothly. We only needed a day's training each. We did this on a seat by seat basis and made sure that we addressed any issues or concerns there and then. The speed with which we've been able to use the solution has been remarkable."

"For us, establishing a strategic vendor partnership with Dassault Systèmes and a strategic partnership between the business and IT were key success factors in our PLM upgrade," said Gary Steiner, Babcock & Wilcox Power Generation Group, Inc. Applications manager. "Bottom line, by following a clear path, the V6R2009 implementation team has been able to rapidly realize the business value for upgrading to V6R2009 by delivering demonstrable performance improvements and new feature benefits."

V6R2010x delivers significant enhancements to:

Lifelike Experience:

- 3DVIA Mobile delivers unique, online 3D experiences from everywhere; users can find cool, realistic 3D content from DS's extensive 3D online library and immediately enrich their photos

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- 3DVIA MP enables the creation of lifelike interactive scenarios on virtual products and connects directly to 3DVIA.com communities where 3D experiences can be composed and deployed
- 3DVIA Composer Player Pro allows customers to build and deploy customized user experiences leveraging interactive 3D documentation such as Web-based or on-board assembly guides that deliver highly realistic, lifelike experiences online

Collaborative I-PLM:

- Governance – 3D decision support with intuitive 3D navigation and “what if” scenarios, or the ability to plan resources across program and projects in real time around the globe
- Compliance - two new applications for end-to-end quality process management based on ISO standards

V6 coverage is extended in DS’s 11 targeted industries with dedicated business processes:

- New ENOVIA Life Sciences Accelerator for Regulatory Affairs to comply with FDA Part 814 and 807 requirements
- New sourcing and production material management for Apparel
- An integrated platform for Artwork, Package and Formula collaboration for CPG
- Major new capabilities for Systems Engineering, Mechatronics, Regulatory Compliance and Digital Manufacturing for High-Tech

IP creation:

- CATIA extends its leadership to Systems Engineering, supporting the end-to-end collaborative development cycle of complex systems -- from early Requirements Definition, to Functional, Logical, Physical Design, and Simulation.
- CATIA now links IP creators to collaborators providing intuitive solutions to shape, compose, and repurpose any 3D virtual product
- DELMIA extends its lifelike Digital Manufacturing environment to create and share Manufacturing IP. Designers can now intuitively create and simulate assembly sequences and define the behaviors of any controlled machine
- SIMULIA extends its unique collaborative environment for performing lifelike simulation and product behavior testing allowing any designer to perform a structural and thermal analysis.

Finally, V6R2010x delivers numerous improvements to the V6 platform powered by ENOVIA to support community, content, and application services on mobile and on the cloud.

About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 115,000 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 to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences. Dassault Systèmes’ shares are listed on Euronext Paris (#13065, DSY.PA) and Dassault Systèmes’

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Eurostep Announces Share-A-space R7

17 November 2009

With the release of Share-A-space R7, Eurostep is increasing the use of Microsoft software adding SQL Server and SharePoint as key components to deliver an enterprise scalable solution. Share-A-space® R7 will be shipping end of November 2009.

The Share-A-space® SharePoint integration provides a product data portal that lets users view, access and control consolidated product data. Such data is typically distributed over multiple systems and organizations and Share-A-space® R7 enables the exploitation of this enterprise wide information asset. Share-A space® R7 addresses total cost of ownership (TCO) and ease of integration with the enterprise IT infrastructure. Overall performance and scalability is enhanced and last but not least, Share-A-space® R7 is designed for the future with Microsoft cloud technology in mind.

Share-A-space supports communities and collaboration inside enterprises as well as the extended and virtual enterprise. The information managed in Share-A-space covers a product's complete life cycle, from requirement to retirement making it the ideal community system not only across enterprises but also across domains of the product's life cycle. Since its initial release, Share-A-space has been

focused on integration of product data from different sources with its unique feature of being based on product data standards such as STEP and PLCS. In addition to adding value by the standardization of legacy and proprietary product data, Share-A-space brings powerful consolidation features to a community sharing product data. With Share-A-space R7, integrating existing systems with Share-A-space through web services is made even easier. Share-A-space R7 is designed for integration with SharePoint and Microsoft Office 2010, greatly simplifying the viewing and editing of product information.

“Despite the harsh 2009 business climate we are adding names to our customer base at a healthy pace”, says Håkan Kårdén, CEO Eurostep Group. “The openness of Share-A-space with its roots in the STEP/PLCS open PLM standards is obviously attractive to many organizations. These organizations are looking for solutions that enable them to exchange and share product data between different PLM domains and disciplines in business networks. We are seeing great success in areas such as Global Engineering Change Management and in Product Support including Fleet Management. We see also a significant interest from Systems Engineering and Building Information Management (BIM), where the needs to share data in a secure and cost efficient way are similar. By incorporating Microsoft technology to the extent we have, we can focus on the uniqueness of Share-A-space and to deliver game changing solutions to the demanding PLM collaboration market”, ends Mr. Kårdén.

“We are impressed by what Eurostep has been able to accomplish as arecognized leader in setting PLM standards”, says Don Richardson, Director of Global PLM Strategy at Microsoft. “They have now launched one of the most sophisticated PLM community systems in the market. It is clear that Share-A-space R7 fits nicely in environments with already existing PLM tools from one or several vendors.

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Eurostep and its partners provide added value to the enterprise with minimal impact on existing tools and processes. By including support for SharePoint and SQL Server, Eurostep brings a very powerful and integrated solution to this market”, ends Mr. Richardson.

About Eurostep:

Eurostep delivers software and consulting services for product lifecycle management with a particular focus on the exchange and sharing of data within and between enterprises. Services range from pre-studies to the implementation and support of systems. Eurostep’s flagship product, Share-A-space is software that supports collaborative engineering across the life cycle of products. Eurostep has subsidiaries in Sweden, the UK, Finland, France and the US and has blue-chip customers in a variety of industries including automotive, aerospace, defence, high tech/telecom, building & construction and process industries. Eurostep Group has been an international venture from its inception in 1994, and all subsidiaries have access to the leading edge PLM knowledge base in Eurostep Group.

For more information, please contact:

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IFS launches Advanced Planning Board, giving customers unprecedented control over manufacturing resources

16 Nov 2009

IFS today announces the first live customer, Völkl—a German ski manufacturer, and the general availability of its Advanced Planning Board (APB)—a powerful new dashboard tool to give customers unprecedented visibility and control over resource allocation in their manufacturing operations. The APB offers planners a unique graphical representation of shop floor operations, helping them schedule multiple shop orders in parallel, predict the knock-on effect of disturbance in the supply chain and accurately plan to ensure the business meets critical delivery dates.

As the manufacturing industries tackle fierce competition, it has never been so important to allocate finite resources and materials effectively in order to streamline the supply chain, optimize output and control costs. The planning process in manufacturing is notoriously complex with materials and resources assigned to multiple orders in different work centers often without a clear view of how changes in order scheduling impact the viability of other orders and overall business performance.

Using APB with IFS Applications, customers will be able to accurately forecast materials, staff and machinery required across multiple orders thereby streamlining processes and handling of critical bottle necks. The new planning dashboard uses icons to represent various parts and creates a graphical representation of operations and resource availability. Using a unique drag-and-drop feature it empowers planners to schedule and shift resources as necessary—optimizing the use of machinery and ensuring disturbances in the supply chain do not impact their ability to deliver on time.

The APB tool recognizes that resource availability is variable and will often change at short notice. As such, APB allows users to simulate the impact of multiple situations and disturbances ranging from the

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breakdown of core machinery to reduced staff capacity and component availability. This allows responsible planners to create contingency plans for ‘what if’ scenarios and adapt quickly to changing market and customer needs.

Having identified a need for further software that helped optimize the use of expensive tools and machinery, German ski manufacturer, Völkl, has been working closely with IFS during the research, development and testing stages of APB. Völkl had onsite support from IFS during the implementation of APB, and now it has been fully installed, the company can plan its production line for the entire year ahead. All incoming orders are now coordinated with the sales and purchasing departments to enable simultaneous planning and rescheduling to make sure the end product is always delivered on time.

Mr. Gerold Fath, IT Manager, and Franz Ederer, production planning manager at Völkl said, “Every business is under pressure to improve productivity and make the best possible use of the resources available. In order to make accurate decisions on our capacity to deliver on existing orders as well as to take on new business contracts, we needed a single view of our planning processes to effectively manage resource allocation. The APB solution has given our project managers greater visibility into project status and helps them plan for disruptions—meaning they can realign and adapt their strategy quickly and maximize productivity.”

IFS AB President and CEO Alastair Sorbie said, “The saying goes, ‘If you fail to plan, you’re planning to fail’, but accurately planning in the current market is extremely difficult. Manufacturers are under immense pressure to optimize productivity and meet delivery deadlines regardless of changes in project specification or customer requirement. IFS is pleased to introduce the Advanced Planning Board, an application interface designed in collaboration with our customers to help them achieve the cost and operational efficiency gains necessary to thrive in the recession and beyond.”

Sorbie added, “Völkl’s involvement throughout the research, development and testing stages has been invaluable in helping us develop a tool that will drastically improve productivity and cost efficiency for all our manufacturing and process industry customers.”

IFS developed the APB tool directly in response to its customers’ need for more accurate material and resource control. Available in the Service Pack 4 release of IFS Applications 7.5, APB requires limited training and users will benefit from ongoing support from IFS consultants and the openIFS[1] portal.

IFS Advanced Planning Board is now available for general release with Service Pack 4 of IFS Application 7.5.

[1] Launched in 2008, openIFS is a collaborative community for everyone with an interest in IFS and IFS Applications. Customers, partners and IFS employees are invited to participate in the virtual community to share best practice and tips.

About Völkl

Völkl Sports is a sporting goods manufacturer with a manufacturing and R&D site in Straubing. The products, on which many international top athletes rely, are available in over 50 countries worldwide. The Bavarian company with long tradition started with ski manufacturing in Straubing in 1923. Today, Völkl Straubing is part of the Marker Völkl Group with headquarters in Baar/Zug (Switzerland). Worldwide about 800 employees are working for the company.

About IFS

IFS is a public company (OMX STO: IFS) founded in 1983 that develops, supplies, and implements IFS

Applications™, a fully-integrated, component-based extended ERP suite built on SOA technology. The company has more than 2,000 customers in more than 50 countries and focuses on seven main industries: aerospace & defense, utilities & telecom, manufacturing, process industries, automotive, retail & wholesale distribution, and construction contracting & service management. IFS has 2,700 employees and net revenue in 2008 was SKr 2.5 billion.

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Kineo Cam Announces the new release of Collision Avoidance KCD

17 Nov 2009

TOULOUSE, France: Kineo Cam is pleased to announce the new release of KCD, the leading software library for collision detection.

Kineo Collision Detector KCD is the high efficiency collision detector from Kineo CAM that comes as a software library, which allows an easy integration through its C++ programming API; using 3D geometrical data, KCD compares two lists of geometrical objects and quickly returns a series of results such as interferences and distances. In digital 3D mock-up, KCD performs static or dynamic clash analysis. In robotic monitoring systems, KCD enables continuous collision avoidance.

In May 2004 Kineo CAM announced its version V1R1.5 with an improvement of performance of over 50%; consecutively several major software editors adopted KCD in their CAD/CAM or 3D mock-up products.

Last year, CYBERNETIX announced the integration of KCD into CyxPro® its software platform for graphical monitoring of remotely-operated systems. “It was important for us to rely on a collision detector which is both fast and robust. We did a careful comparison of available options and selected KCD,” explained Eric Auschitzky, Nuclear BU Director.

Today, with KCD V2.05 Kineo CAM achieves a major step of performance on speed as it is multi-threaded and fully leverages multi-core systems. Indeed, collision tests are always more than twice as fast in version 2.05 compared to version 2.04.

“Tests of performance show that KCD V2.05 performs dynamic collision detections in only 114 microseconds on large 3D models of 400 000 triangles. With such models, most of the other collision checkers would be four times slower,” says Laurent Maniscalco, Kineo CAM CEO.

Memory consumption is another important parameter that is particularly optimized in KCD V2.05. Benchmarks involving KCD and other tested collision detectors show that KDS’s memory consumption is up to six times lower. On the Apollo model used for standard benchmarking of collision detectors, KCD needs no more than 24 MB of memory.

This value can even be drastically lowered by using a KCD feature called virtual polyhedrons. In this case, memory space used by geometry falls to zero and only optimized KCD structures (collision entities) benefit from available memory.

Initialization time. Any 3D software user has experienced waiting time of variable length, always

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unpleasant and unproductive, when using software tools. As far as applications with interference checking are concerned, this initialization time is used to compute collision entities. One can easily understand the interest of minimizing this time as much as possible. The Apollo case requires a 0.2 second initialization time with KCD, against 5 seconds for the second best tested solution.

A thread-safe mode has been introduced among other significant improvements; KCDV2.05 can run different tests over the same scene in simultaneous threads. This offers a whole new world of possibilities to multithreaded applications aimed at performance and reactivity.

For the developers, KCD V2.05 offers a fully modular collision detection and distance measurement framework. It is possible to implement proprietary collision detection primitives as new elementary computation bricks. This allows developers to just focus on the mathematical definition of the collision, while trusting KCD to manage the optimized geometry filtering algorithm. Possible applications include: molecules, laser or particle beams, non-triangulated procedural geometry, voxels, etc.

“Of course this new version of KCD is now available for the great benefit of the thousands of current end-users; and with such unmatched performances we are confident on having this number growing quickly,” says Laurent Maniscalco.

About Kineo CAM

Kineo Computer Aided Motion “Kineo CAM” is the independent software developer of the worldwide leading technology for automatic motion and path planning, KineoWorks™.

Specialized in the development of advanced solutions, Kineo CAM provides business solutions to large companies and organizations in the United States, Europe and Japan.

The main market of Kineo CAM is Mechanical Computer-Aided Design and Manufacturing. In this area, the large range of solutions, from stand-alone to fully integrated software, enables users to save money, shorten development time and increase quality in Product Design (validation of mechanical mounting/dismounting) and Process (simulation of operations in cluttered 3D environments).

Kineo CAM is the winner of the national contest of innovation from the Ministry of Research and Technology (2000), received the IEEE/IFR Innovation Award for Outstanding Achievements in Commercializing Innovative Robot and Automation technology (2005), winner of the 2007 Innovation ICT Prize from the European Commission and the European Council of Applied Sciences, Technologies & Engineering, and the regional Midi-Pyrénées Innovation and International award. Kineo SUMMIT2006 with eight other innovative American companies.

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Knovel Empowers Engineers to "Get Personal" With My Knovel

18 Nov 2009

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Knovel, an online resource that helps engineers find reliable technical information faster, today announces new personalization features and functionality that facilitate how engineers gather and interact with engineering information.

-- The latest enhancements, called My Knovel, allow engineers to digitally accumulate knowledge anywhere they have a web connection, making this content more portable and resulting in increased productivity. With My Knovel, users can organize and manage saved content of all types. Key features include:

- My Bookshelf: Engineers can save frequently used titles and organize them into folders they create

- My Saved Content: Engineers can save and organize content into the folders they create

- My Saved Searches: Engineers can save search queries and re-execute them with one click

-- Throughout their careers, engineers frequently create a binder of go-to resources, pulling content from engineers' handbooks, materials property databases, standards, online searches and libraries of math and best practices. Today, there is a distinct need for engineers to continue to turn to these resources, but in a way that is personalized and easily accessible as part of their work day.

-- To this point, according to findings from a survey conducted by Knovel of the American Society of Mechanical Engineers (ASME), a full one third (34%) of respondents indicated that electronic reference information improved their productivity by 20% or more.

-- Knovel's new personalization features are a natural extension of Knovel's proven search capabilities and unique interactive tools. To date, major corporations and academic institutions have turned to Knovel to search the company's validated content, and, now, these same enterprises can count on Knovel to accommodate the way in which engineers personally work.

-- My Knovel is available to customers that upgrade accounts to include individual user profiles. There is no charge for the upgrade. Customers should contact Account Services at (866) 324-5163.

"Knovel is proud to be known as the solution of choice for trusted, engineering reference content. For years, our interactive capabilities have differentiated us in the market," said Chris Forbes, CEO and president, Knovel. "With the unveiling of My Knovel, we help engineers centralize and manage the references they use most frequently and that require quick access."

"Our customers told us they want to get results with fewer clicks and to access frequently used titles with a single click," said Diana Bittern, director of product management, Knovel. "We designed My Knovel to answer these needs and to speed engineers' information workflow. The result, and our long term goal, is to make engineers more productive."

About Knovel

Knovel is an online resource that helps engineers find reliable technical information faster. Knovel's reliable content, optimized search and interactive tools, help engineers solve problems faster by providing answers at the point of need, in turn helping organizations increase the productivity of their engineering staff. Knovel has thousands of users worldwide. Customers include 75 of the Fortune 500 companies and more than 300 leading universities. Founded in 2000, Knovel is a private company headquartered in New York City. For more information visit www.knovel.com or call (866) 303-3336.

Lawson Announces Enhancements to Lawson Fashion PLM

17 Nov 2009

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ST. PAUL, Minn.--Lawson Software today announced Service Pack updates and enhancements for Lawson Fashion PLM (product lifecycle management). This latest delivery is available now and offers more than two dozen new features as well as a standardized interface between Lawson Fashion PLM and the full Lawson M3 Enterprise Management System.

Lawson Fashion PLM supports the product design and development processes of private brand retailers and manufacturers of apparel and accessories. It helps improve collaboration between the internal and external elements of an organization's supply chain, helping to speed time to market for products while helping to reduce costs and improve product quality.

The enhancements in this latest delivery demonstrate Lawson's industry-specific focus and takes into account Lawson fashion customer feedback on key business challenges. The new enhancements cover the solution's Storyboard, Line Optimizer, Product Manager, Fabric & Trim, and Source modules. They include added ease of use features such as new "select-all" boxes on pages where actions can be performed against multiple items, quick copy buttons to repeat information such as colorways, sizes and quantities required in product sample requests, and a keyword search in the application's Point of Measure dictionary for easier administration.

In addition to functional enhancements, this latest release includes the first delivery of a standard interface between Lawson Fashion PLM and the Lawson M3 Enterprise Management system for fashion companies. This first phase enables the transfer of styles created in Lawson Fashion PLM into the Lawson M3 Enterprise Management system for sourcing and production. The interface enables companies to either deploy PLM and Enterprise Management applications at the same time or separately. It then allows the organization to more easily transfer style information between Lawson Fashion PLM and the Lawson M3 Enterprise Management system.

"Lawson Fashion PLM can deliver meaningful value to apparel manufacturers and private brand retailers," said Frédéric Champalbert, general manager, Fashion, for Lawson. "Moving forward, fashion companies need to look for integrated technology solutions to help solve a wider range of business challenges. We think of this as 'holistic PLM,' which links processes from creative concept through design, product development, planning sourcing and production – even through to delivery to the retail outlet. It's about better managing the entire lifecycle of each product."

Lawson Fashion PLM is used by customers in the U.S., Europe and Asia-Pacific.

About Lawson Software

Lawson Software provides software and service solutions to 4,500 customers in equipment service management and rental, fashion, food & beverage, healthcare, manufacturing & distribution, public sector (United States), service industries, and strategic human capital management across 40 countries. Lawson Software is a global provider of enterprise software, services and support to customers primarily in three sectors: services, trade and manufacturing/distribution. Lawson's solutions include Enterprise Performance Management, Human Capital Management, Supply Chain Management, Enterprise Resource Planning, Customer Relationship Management, Manufacturing Resource Planning, Enterprise Asset Management and industry-tailored applications. Lawson solutions assist customers in simplifying their businesses or organizations by helping them streamline processes, reduce costs and enhance business or operational performance. Lawson is headquartered in St. Paul, Minn., and has offices around the world. Visit Lawson online at www.lawson.com. For Lawson's listing on the First North exchange in Sweden, Remium AB is acting as the Certified Adviser.

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Mentor Graphics Delivers Optimized Android Development System for the OMAP35x Processors from Texas Instruments

18 Nov 2009

Mentor Graphics Corporation, today announced its delivery of the Android Development System for the Texas Instruments Incorporated (TI) OMAP35x processors based on ARM® Cortex™-A8 technology. Customers working on OMAP35x processor-based designs can leverage the Mentor Graphics version of the Android application framework to successfully deploy Android-based applications.

The Mentor Graphics solution for Android opens the door for OMAP35x developers designing medical, communication, industrial, instrumentation, home security and digital video applications. To get started, developers can leverage TI's OMAP35x evaluation module to harness the solution's most advanced features, performance and functionality available for their Android-based embedded designs.

Additionally, the Mentor Android Development System is also ready for use with the popular BeagleBoard from beagleboard.org. Based on the OMAP3530 processor, customers and developers can also run Android on a small, low-cost board that provides the functionality of a basic computer used for open source development. With the new Android platform, embedded developers gain power savings, performance optimization, reduced system cost and reduced risk in developing their embedded products.

“We have long supported open platforms and the creativity they spur in the industry; Android is one of the strongest examples of this trend. Today, our customers can realize their Android-based designs due to Mentor Graphics' technical expertise and services that delivered this optimized framework for the OMAP35x devices,” stated Gerard Andrews, OMAP35x product line manager, TI. “Our collaboration with Mentor on the Android development kit provides our mutual customers with a variety of tools while minimizing the risk, cost and development of new Android-based devices so consumers can realize the true power of an open community.”

“There is tremendous business potential for Android-based embedded devices beyond the mobile market, so our collaboration with TI fulfills the demand from our mutual customers today,” said Glenn Perry, Mentor Graphics Embedded Systems Division general manager. “By providing TI with an embedded ‘ecosystem’ that includes technologies and services for Linux and Android-based devices, we are enabling our customers to create innovative products.”

A live demonstration of Android running on the TI OMAP35x evaluation module will be featured at the Embedded Technology Conference in Tokyo (Yokohama), Japan, November 18-20, 2009, in the Mentor Graphics booth C-43. For more information on Mentor's Android application framework for the TI OMAP35x processors, visit the website at www.mentor.com/go/omap.

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Omnify Software Offers RapidStart PLM for Small and Mid-Size Manufacturers

17 Nov 2009

ANDOVER, MA - Omnify Software announces the RapidStart PLM Suite for the Empower PLM 4.5 solution. The RapidStart PLM Suite offers small and mid-size manufacturers an opportunity to access a robust PLM solution at a fraction of the implementation time and cost of conventional PLM products.

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With a price starting at six thousand dollars, the RapidStart PLM Suite delivers key features for improving product development including: complete product data management, Bill of Material (BOM) management, Engineering Change/ECO management, Document management, Compliance management, and integration with engineering environments. As customers grow and their business needs change, the RapidStart PLM Suite can easily scale to incorporate additional functionality of the Omnify Empower PLM system while maintaining its ease of use and low cost.

"The current economic climate has forced companies to take a hard look at their current practices in order to save costs and improve efficiencies," stated David Solimini, vice president of sales for Omnify Software. "PLM systems have been identified as a proven aid by helping to minimize overhead and streamline processes. We wanted to provide a system with quick deployment and low cost but would also be able to meet their current and future product development needs."

For more information on the Omnify Software RapidStart PLM Suite visit www.omnifysoft.com/products.

About Omnify Software

Omnify Software, the leading provider of business-ready Product Lifecycle Management (PLM) solutions, helps OEMs shorten development cycles, accelerate product innovation and improve bottom-line profitability. Omnify's commitment to customer success has resulted in a unique solution that is quick to implement, easy to use, and provides an open integration platform built on the Microsoft .NET Framework. Omnify is well-known for superior customer service, delivering outstanding training, development and support with a team of experienced technology professionals. Omnify is acknowledged as an industry leader, winning such honors as START-IT Magazine's Hottest Companies for three consecutive years, START-IT 125 for two consecutive years, Power of Partnerships and Top 50 Technologies awards, as well as Manufacturing Business Technology's Top 40 Emerging Vendors and Kinetic Information's Process Innovation Award. For additional product information, including pricing, please call 978-988-3800, email info@omnifysoft.com or visit www.omnifysoft.com. RSS Feed, <http://www.omnifysoft.com/rss/NewsFeed.aspx>.

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SpaceClaim Announces New Engineering Software Release

17 Nov 2009

SpaceClaim, provider of 3D Direct Modeling software, today announced the fifth release of the company's engineering software, SpaceClaim 2009+. This new version of SpaceClaim is the first in the industry to support Windows 7 and Multi-Touch for 3D direct modeling. Other new 2009+ capabilities are aimed at driving ease of use in preparing models for simulation, and extending SpaceClaim's leadership in direct modeling for conceptual design.

"This has been a remarkable year for SpaceClaim, as we have begun to see wider adoption in engineering organizations," said Chris Randles, SpaceClaim President and CEO. "Our rapid growth this year demonstrates that we are solving real, complex, and costly engineering challenges, such as accelerating the development of concept models, or speeding model preparation for upfront or downstream analysis and simulation. On average, our customers report a halving of the time taken to prepare models for CAE, enabling them to be more productive and accelerating overall time-to-market. With industry-leading partners such as ANSYS, we are now recognized as an innovative solution that is expanding the use of 3D among analysts, engineers, and other non-CAD specialists in modern

manufacturing organizations."

SpaceClaim is enabling manufacturers to accelerate innovation cycles and leverage engineering and product styling as key differentiators. SpaceClaim evolves 3D outside of the traditional detail design environment in CAD, putting straightforward modeling tools in the hands of engineers and CAE analysts. With SpaceClaim, engineers can perform simulation, collaborate, and converge before specifying the design concept to the CAD team for detailing and design-for-manufacture. Additionally, SpaceClaim provides CAE engineers with a solution to easily prepare, edit, and optimize CAD data, with the freedom to explore solutions without relying on CAD operators.

SpaceClaim 2009+ Pushes the Envelope of Direct Modeling and Automates Model Preparation

The new release features enhanced capabilities for design and analysis engineers that include:

- Direct modeling enhancements:
 - Bodies can be locked to prevent unintentional modification.
 - New round creation techniques allow rounds to be placed in more complicated situations.
 - Curves imprinted on faces can be easily manipulated, facilitating conceptual sketching in 3D.
 - Numerous other enhancements to surfacing, patterning, and construction geometry maintain SpaceClaim's lead in direct modeling.
- Model preparation for simulation made easier:
 - Conceptual beam elements facilitate structural design.
 - A beam library provides easy beam creation with standard sections.
 - Beam extraction converts imported beams to conceptual beams.
 - Enhanced geometry checking and repair makes it easy to diagnose common geometry problems.
 - De-featuring is faster than ever with new round slicing tools.
 - Several ANSYS add-in enhancements, including the ability to transfer beams and pattern count dimensions, making it more convenient to optimize models from within ANSYS® Workbench™ 2.0.
- Multi-touch user interaction
 - Hands-on interactive solid modeling using up to four fingers provides a more immersive user experience.
 - New selection techniques such as four-finger box select and lasso

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select make the most common 3D interactions faster than possible with a mouse.

- Multi-touch view rotation and gesture support provide straightforward access to commands that would normally be hidden behind toggle keys and shortcuts.

SpaceClaim Expands Partner Relationships and Meets Market Demand

SpaceClaim has experienced strong demand for its products, accelerating sales growth in 2009, despite the global recession. This momentum results from SpaceClaim's commitment to understanding engineers' needs and the Company's ability to address gaps in model design and analysis not filled by traditional CAD. Over the last year, SpaceClaim announced:

- Continuing customer adoptions and successes including K2 Medical, BorgWarner, Alstom, Emhart Glass, Sharp, Widex A/S, McCormick and Stevenson, Moog, VOLKE Kommunikations-Design GmbH, Husqvarna, Fuel Cell Energy, Varian Semiconductor, and Whirlpool. Read more about how customers are saving time and getting their products to market quicker with SpaceClaim.

- A licensing and distribution agreement with ANSYS, Inc. (NASDAQ: ANSS), a global innovator of simulation software and technologies. The agreement provides customers with bi-directional capabilities between SpaceClaim Engineer and ANSYS® 12.0 and 11.0 software as well as ANSYS Workbench 2.0. Additionally, it adds the powerful ANSYS sales force to distribute SpaceClaim to CAE customers. Read the press release.

- A major OEM contract with Flow International Corporation (NASDAQ: FLOW), the world leader in ultrahigh-pressure waterjet technology. Flow Waterjet equipment will offer SpaceClaim's solutions integrated for customers that are machining high volume, short run or prototyping parts. Read the press release.

- The first 3D Direct Modeler with Windows Touch enabling engineers to create and edit models with their fingers on the screen. SpaceClaim was chosen by Microsoft® as one of a few select Independent Software Vendors (ISVs) in support of the launch of Windows 7. Watch SpaceClaim work in multi-touch mode.

See the [What's New in SpaceClaim 2009+](#) page to review more details and watch videos demonstrating the new and improved features in SpaceClaim 2009+.

SpaceClaim enables up-front simulation and leverages investments in existing CAD and CAE tools. SpaceClaim supports standard data exchange formats ACIS, STEP, IGES, ECAD, Rhinoceros®, SketchUp, DWG, DXF, STL, OBJ, XAML, VRML, 3D PDF (requires Adobe® Acrobat® 9 Pro Extended) and includes interactivity with Bunkspeed® HyperShot®. With add-on modules, SpaceClaim Engineer can import and edit Pro/ENGINEER®, Autodesk® Inventor®, CATIA® v4 and v5, VDA, Parasolid®, SolidWorks®, JT™, and NX® native files.

About SpaceClaim Corporation

SpaceClaim provides the world's fastest and most innovative 3D Direct Modeling solutions. SpaceClaim has created a quantum leap in engineering productivity, enabling 3D solid modeling that is accessible to everyone from power users and engineers to part-time designers. Global customers include Nokia Siemens Networks, BorgWarner, Medtronic, Lotus Cars, Sharp, K2 Medical Systems, FuelCell Energy,

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Emhart Glass, GE Aviation, General Dynamics, and the U.S. Navy. SpaceClaim is privately held and backed by Borealis Ventures, Kodiak Venture Partners, and North Bridge Venture Partners. For more information on SpaceClaim, please visit: www.spaceclaim.com.

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