

Contents

Acquisitions	3
SAP Acquires Software License and Maintenance Business from Exclusive Partner SAP Arabia to Strengthen Operations in the Middle East and North Africa	3
CIMdata News	4
CIMdata Posts New Opinion Poll on the Topic of Simulation & Analysis and Announces Results of the Poll on PLM Education	4
Company News	5
Arena Solutions Survey Reveals a Majority of Firms Suffer From Costly Incidents Due to Outsourcing Challenges; Of 800 Manufacturers Surveyed, 85 Percent Outsource, Yet Only 32 Percent Have an Infrastructure for Managing and Communicating With Their Suppliers	5
ASCON Announces Availability of KOMPAS Discussion Forum and Subscription Services at ascon.net	7
Autoweb/Secorex Announces Company Appointments	7
BlueCielo Appoints Pamela Aloia as Quality Manager	8
Delcam Sets Up Singapore Office to Support Asian Machine Tool Suppliers	9
Gerber Technology Announces the Addition of William H. Brewster, Jr.	10
Infor and IBM Deliver Solutions for Mid-Sized Businesses	11
Lectra Launches its Latest Education Partnership Program	12
Spatial Launches "Faces & Facets" Online Community Forums	13
TopSolid Launch of its Polish Web Site	13
Events News	14
Altair Engineering Announces GM's Director of CAE Tom Tecco as HyperWorks Technology Conference (HTC07) Keynote Speaker	14
Apache Design Solutions to Highlight Complete Silicon Integrity Platform Solutions for SOC Designs	14
AVEVA To Sponsor PlantSuccess Shows in Calgary, Philadelphia and Houston	15
Cimatron to Partner with Leading Machine Vendors at EMO	15
CONTACT Software GmbH Invitation to CIM DATABASE User Meeting in Bremen	16
Delcam to Show New PowerINSPECT Release at Quality Expo	17
EdgeCAM to be showcased at AMMO Expo – The American Manufacturing Expo 2007	17
EdgeCAM to be showcased at EMO 2007	18
EdgeCAM to be Showcased at Great Lakes Advanced Productivity Exposition 2007	19
Enginuity CEO Dr. John P. Sottery to Deliver R&D Keynote Address at HBA Global Expo	19
ESPRIT 2008 by DP Technology to be Exhibited at Gosigerfest 2007, Oct. 3-4, 2007	20
Free Utilities Industry Seminar – Asset Information Management	20
ICAM Showcases CE / SIEMENS VNCK Integration at EMO 2007	21
International Conference on Computer Aided Design (ICCAD) Previews Technical Program Focused on Acute Challenges and Advanced Technologies	22
MachineWorks Full Machine Simulation Technology at EMO	23
Noran Engineering Shows Off New CAD Based Virtual Product Testing at National Manufacturing Week 2007	25
Radan to be Showcased at AMMO Expo – The American Manufacturing Expo 2007	25
Serena Software Revamps Go-To-Market Strategy around Web 2.0, SOA, and SaaS	26
Tribold to Debate the Impact of Product Lifecycle Management and Service Delivery Platforms at SDP Global Summit 2007	27
What You Design Should Be What You Get, Says EDA Leader Cadence	27

CIMdata PLM Industry Summary

Financial News	29
Aspen Technology Announces Selected Preliminary Fiscal Fourth Quarter 2007 Results and Update on Restatement of Previously Issued Financial Statements	29
IGE+XAO: Turnover Has Passed the 20 Million €Mark	30
Moldflow Finalizes Fourth Quarter and Full 2007 Fiscal Year End Results and Completes SEC Comment Letter Process	31
Implementation Investments	32
AVEVA Enters into a Strategic Alliance With China's Largest Offshore Engineering and Construction Company	32
Bogota Water and Sewer Utility Selects Bentley SewerGEMS	33
Borland Helps Jacobs Vehicle Systems Improve Efficiency with Integrated and Centralized Software Change and Configuration Management	34
Bosch Group Deploys PTC Windchill® As Global Data Management Platform	35
Breuning IRCO Banks on the Flexibility of CoCreate Software's Dynamic Modeling Based Approach to Product Design	36
Catalog Data Solutions Adopted by ASK Products	37
Friede & Goldman Selects AVEVA Marine	38
Hyundai Motor Company Selects MSC.Software's SimManager	39
Infor Gains Momentum in Enterprise Software Market	39
Infor Honors Customers for Enterprising Excellence	41
Infor to Help Maple Leaf Foods Manage Global Supply Chain	42
Infor Supercharges ERP Implementation at Dematic	43
JCPenney Selects PTC Solution for Retail, Footwear and Apparel to Enable Global Collaboration	45
Lockheed Martin Savings with Dassault Systèmes' DELMIA Give Taxpayers One 'Free' F-35 Lightning II	46
Mitsui Engineering & Shipbuilding Renews Commitment With AVEVA	46
Mora of Sweden Sharpens Product Development With SolidWorks and COSMOS	47
SAP Powers Next-Generation Fuel Manufacturers in Development of Alternative Energy Sources	48
Shaklee Turns to Infor for ERP and Supply Chain Management	49
Toshiba Expands the Use of Apache's RedHawk as Power Signoff Solution	50
UGS PLM Software Technology Fuels Championship Season For Andretti Green Racing And Driver Dario Franchitti	51
U.K. Consultancy's Wireless Lights Designed in SolidWorks Help Cyclists Keep Rolling Safely at Night	51
Product News	52
ARC and Cadence Offer New Low-Power Design Methodology for Demanding Mobile Applications	52
CAD-ERP Data Integration System for Microsoft Dynamics Now Supports Autodesk Inventor 2008	53
Cadence Accelerates Time-to-Volume for Advanced ICs with Model-Based, Variation-Aware Design Technologies; Provides 'WYDIWYG' Capability	54
CoCreate Software Announces Support for Windows Vista; Version 15.50 of the 2007 CoCreate OneSpace Suite now available	56
CollabNet® Enterprise Edition 5.0 Strengthens ALM Capabilities for Distributed Software Development	56
Dassault Systèmes Announces Abaqus for CATIA Version 2.5 from SIMULIA	58
Infor Announces Enhancement Roadmap for BAAN IV and BAAN 5 Customers at Inforum 2007	59
Infor Delivers Next Generation ERP for Discrete Manufacturers	59
Infor Delivers Service-Oriented Architecture Roadmap	60
Integware Teams with Kallik to Deliver Packaging and Labeling Solutions	62
MediaTek and Apache Partner to Address 65/45nm Design Challenges	63
PTC Delivers Industry's Only Complete Out-of-the-Box Solution for Service Manuals; Complete Solution for Creating and Delivering Audience-Specific Service Information with Interactive Graphics for	

CIMdata PLM Industry Summary

Manufacturing Organizations _____	64
RCTASK to Distribute AxSTREAM™ Flow Path Design, Analysis and Optimization Software to Brazilian Turbomachinery Markets _____	66
Rhino® and SpaceClaim Partner to Break-down Barriers between Industrial and Mechanical Design; Industrial Designers Can Now Deliver More Complete Designs _____	66
SolidCAM Releases Version R11.2 _____	68
Synopsys HSPICE Simulator and SiSoft Quantum-SI Combine to Deliver Robust Signal Integrity Analysis Solution _____	69
Voltaire and Synopsys Introduce High-Performance Compute Solution to Reduce Cycle Time for Semiconductor Mask Manufacturing _____	70

Acquisitions

SAP Acquires Software License and Maintenance Business from Exclusive Partner SAP Arabia to Strengthen Operations in the Middle East and North Africa

11 September 2007

SAP AG announced the acquisition of the software license and maintenance business of SAP Arabia, its exclusive long-term partner in the region. Under the terms of the agreement, SAP will acquire selected existing assets, including all existing software license and maintenance customer contracts, and trademarks from SAP Arabia. Aligned with SAP's global go-to-market strategies, SAP will first establish subsidiaries in Dubai and Saudi Arabia to reinforce its ongoing commitment to deliver value and continuous innovation to customers in the region.

"SAP Arabia has created a good foundation, which we intend to build upon in our goal to meet growing market demand in the region," said Ernie Gunst, president, Customer Solutions Operations Europe Middle East and Africa, SAP. "This acquisition brings SAP closer to its customers and partners, enabling us to offer them greater business value and innovation."

Sergio Maccotta, who was formerly managing director in charge of the SAP Arabia relationship, has been named managing director of SAP in the Middle East and North Africa. In his new role, Maccotta will be responsible for strategic planning, operational excellence, sales and field operations, professional services and overall performance for the region. Maccotta will report into Bernd Kraus, who has overall responsibility for the South East Europe and Middle East Market Unit.

As part of the agreement, the formerly named SAP Arabia will continue to work with SAP AG as a strategic partner and non-exclusive value-added reseller within the scope of the SAP Partner Edge program.

"This important step in the overall SAP business strategy has been part of our ongoing discussions with [SAP](#) to bring product development closer to the region," said Essam Enany, president of SAP Arabia. "With over 13 years of experience we have acquired a deep understanding of the local market and are well positioned to become one of SAP's strongest partners. In the future, we plan to focus our resources on the emerging markets and specialized sectors such as SME, public sector and education."

The acquisition is subject to customary closing conditions and expected to be completed in SAP's fourth quarter of 2007. Financial terms of the all cash transaction were not disclosed.

 [Click here to return to Contents](#)

CIMdata News

CIMdata Posts New Opinion Poll on the Topic of Simulation & Analysis and Announces Results of the Poll on PLM Education

14 September 2007

CIMdata has posted a new opinion poll on whether you perform Simulation & Analysis, to what degree and what types.

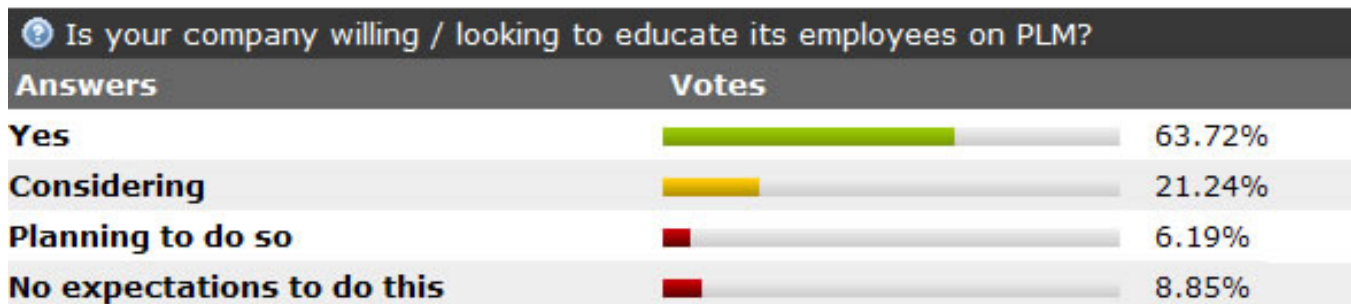
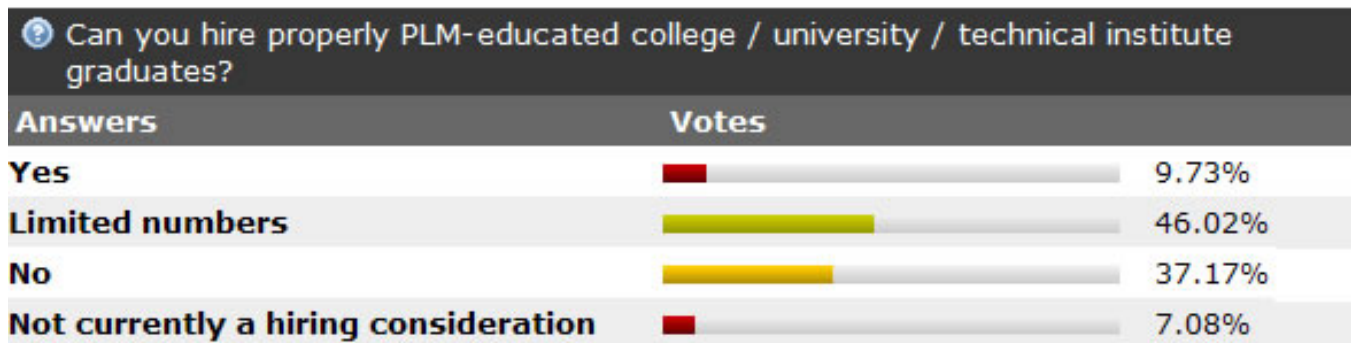
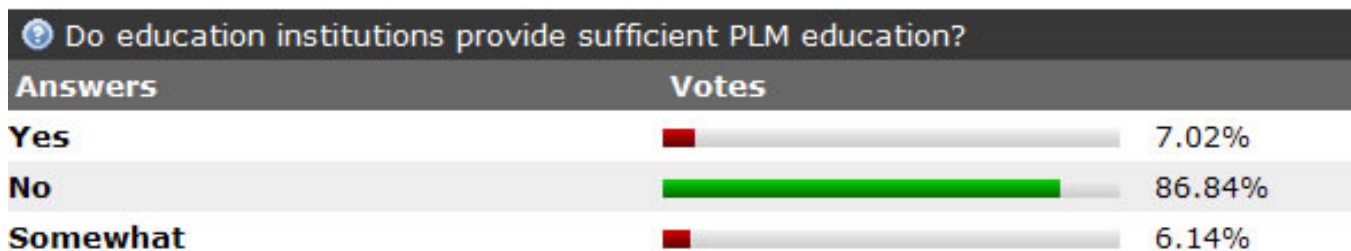
[Vote Now](#)

If you have a suggestion for a poll you'd like to see contact us at info@cimdata.com.

CIMdata Privacy Policy

The results of these polls are tabulated as you vote. The results are completely anonymous. If you are currently logged in your vote will not be connected to your personal information in any way. CIMdata respects your privacy and no personal data will be transferred as a result of voting in these polls.

The results for our last poll on PLM education are:



NOTE: The results of these polls are anecdotal, not scientific.

[!\[\]\(2e897e890e69d81eae4503a8342c36b0_img.jpg\) Click here to return to Contents](#)

Company News

Arena Solutions Survey Reveals a Majority of Firms Suffer From Costly Incidents Due to Outsourcing Challenges; Of 800 Manufacturers Surveyed, 85 Percent Outsource, Yet Only 32 Percent Have an Infrastructure for Managing and Communicating With Their Suppliers

12 September 2007

[Arena Solutions](#) announced results from a recent survey it conducted in conjunction with Symphony Consulting on the challenges of manufacturing outsourcing and the best practices for addressing them. The research revealed that while 85 percent of the manufacturers surveyed outsource part or all of their manufacturing operations, nearly two-thirds of them risk the associated savings because they lack adequate control and processes. These manufacturers still use manual, time-consuming processes such as phone calls, faxes, and emails with spreadsheets. The high occurrence of errors that often result from these methods can lead to hard-dollar costs that eat up the very savings companies are trying to achieve by outsourcing manufacturing in the first place. In fact, over 52% of the companies in the study suffered from hard dollar losses due to communication and documentation errors -- including rework, scrapped inventory, excess materials and product recalls.

The results of the study shed light on a very important trend in manufacturing and offer insight into what steps manufacturers must take to be successful with their outsourcing. To share the full results and implications, Arena Solutions and Symphony Consulting will hold a free educational webcast on Thursday, September 13, 2007 from 10-11 a.m. Pacific time for anyone involved in the outsourcing process to present their findings and analysis. To register (required) call 1-866-937-1438 or visit http://www.arenapl.com/forms/int_outsourcingwebinar_web_07q3.

In addition, on Wednesday, Oct 17, 2007 from 9 a.m. to 4 p.m., Symphony Consulting will host a best practices forum on manufacturing outsourcing. More information can be found at <http://www.arenasolutions.com/newsandevents/events/index.html>.

"While outsourcing offers significant financial merits and enables companies to focus on their core strengths, it is not free of challenges," said Bijan Dastmalchi, co-founder and senior consultant at Symphony Consulting Inc., a manufacturing outsourcing and supply chain consulting firm.

"Outsourcing manufacturing without the proper infrastructure and control is a recipe for failure."

The study found a majority of companies that outsourced manufacturing faced a number of significant challenges when working with their contract manufacturers (CMs), including coordinating new product introductions, managing and communicating product changes, and communicating information across organizational and geographic boundaries. Perception among these manufacturers is that more effective collaboration with their CMs is critically important and will address these problems. For example, nearly eight out of 10 believe closer involvement and tighter control and processes with their CMs would reduce new product delays.

"Shepherding a product from design through manufacturing is difficult, but introducing outsourcing into the process pushes it to a significantly higher level of complexity. Despite the cost savings associated with outsourcing, the management task becomes even more difficult and carries greater risk," said

CIMdata PLM Industry Summary

Dastmalchi. "For manufacturers who are using manual, linear, error-prone, and complicated processes for managing their product record, I recommend they think strategically about the kind of infrastructure they need for support in managing the challenges that come with outsourcing, such as new product introduction, compliance, and change management, for example."

Only 32 percent of respondents currently use a product lifecycle management (PLM) system as a shared "information infrastructure" to manage product information and share it with their CMs. These companies that have a PLM system report experiencing fewer outsourcing problems compared to companies that rely on manual processes for communication regarding new product introduction, change order management and environmental compliance management issues. Three out of four of the respondents who currently use manual processes recognize improvements are needed, and are taking steps to improve their systems.

The research showed even greater advantages came from using on-demand PLM software (also known as software as a service or SaaS) versus traditional client/server systems. On-demand PLM software requires no special hardware or IT staff, is easier to deploy than client/server software and is accessible from anywhere in the world through an ordinary web browser and Internet connection. Specifically, respondents who use on-demand Arena PLM report 40 percent fewer hard-dollar incidents related to excess inventory and unplanned rework. Leading to these results is the fact that Arena PLM users who responded to the survey report significantly fewer outsourcing problems than those using traditional client/server PLM, including:

- 32 percent fewer problems with new product introduction
- 29 percent fewer problems with environmental regulatory compliance
- 26 percent fewer problems with product change management

"With manufacturing dispersed around the globe, companies need a common infrastructure for sharing product information with their CMs to reduce hard-dollar incidents that can result from common outsourcing issues. Hard-dollar incidents can take their toll on manufacturers, especially those in the mid-market where margins are often tight and reducing time and costs is critical, and consume expected savings from outsourcing," said Michael Topolovac, chief executive officer of Arena Solutions.

"Underscoring the magnitude of the risk is the common belief that the cost of product changes increases ten-fold each time errors move into the next development cycle, from design through manufacturing. Having a PLM system -- particularly one that is easy to use and deploy -- that helps manufacturers reduce the incidents of late-stage changes is crucial."

About the Respondents

More than 800 individuals, predominantly senior executives and subject matter experts from a wide variety of discrete manufacturing industries including high-tech electronics, medical devices, consumer products, aerospace and defense, automotive and industrial segments, responded to the survey. Over 70 percent of them work for companies that generate less than \$250 million in annual revenues and operate with fewer than 1,000 employees. Participants included professionals from engineering (41 percent), manufacturing and procurement (36 percent), and other functional roles (23 percent).

 [Click here to return to Contents](#)

CIMdata PLM Industry Summary

ASCON Announces Availability of KOMPAS Discussion Forum and Subscription Services at [ascon.net](http://www.ascon.net)

14 September 2007

ASCON announced availability of new online services: Newsletter Subscription and KOMPAS Discussion Forum, both launched at <http://www.ascon.net/>.

The Newsletter Subscription service aimed at better information supply about ASCON news, product releases and novelties, special offers for registered users.

International KOMPAS Discussion Forum provides perfect communication base, exchange of views and advices for CAD experts, professionals, beginners and students. Forum is designated to all those interested in Mechanical CAD alternative solutions for 3D Solid Parametric Modelling and 2D Drafting. The official language of KOMPAS Discussion Forum is English.

This Forum is not the first one, launched by ASCON. In 2001 ASCON arranged one of the first CAD/CAM/PLM discussion forums in Russia, which now unites around 3000 registered members.

ASCON welcomes participants at its newly launched International KOMPAS Discussion Forum.

To join the KOMPAS Discussion Forum, please, visit: <http://ascon.net/forum/>

To subscribe for ASCON Newsletter, please, visit: <http://www.ascon.net/subscribe.php>

 [Click here to return to Contents](#)

Autoweb/Secorex Announces Company Appointments

12 September 2007

Maureen Huber, Muhammad Khan and Steve Koons, as well as four leading Secorex employees, have been promoted to new management positions at Autoweb/Secorex, a leading global provider of software-based data management and system interoperability solutions for the automotive, aerospace and manufacturing industries.

Autoweb acquired Secorex, a consortium of four leading European software providers for the electronic exchange of technical and commercial business data in August 2007. In January 2007, OCS GmbH, ProCAEss GmbH, PROFILE Software Engineering GmbH and Schmitt GmbH merged together to form Secorex.

According to Nino DiCosmo, president and CEO of Autoweb/Secorex, those who were promoted are recognized for being the driving force behind Autoweb's growth initiatives and significant accomplishments.

Huber has been promoted from director of Finance to vice president of Finance. Since joining Autoweb in 2005, she has brought financial discipline to the organization and made considerable operational improvements that have resulted in significant savings to the company. In her former position, she provided oversight in managing the financial aspects of the company's recent acquisitions of Datranet and Secorex. A native of Lansing, Mich., she has a bachelor of science degree from Michigan State University. She is married and lives with her family in Farmington Hills, Michigan.

Khan becomes chief technology officer. He previously served as vice president of Software and Delivery. Khan led the complete rewrite of Autoweb's systems architecture and technology platform, along with successfully launching two products on the new platform. A native of Karachi, Pakistan, he

CIMdata PLM Industry Summary

has a bachelor's degree in computer science from Wayne State University, a master's degree in software engineering and a master's in business administration from the University of Michigan. He is married and lives with his family in Dearborn, Michigan.

Koons has been named senior vice president of Strategic Business Development. He previously served as vice president of Strategic Business Development. Koons led the company's acquisitions of Datranet and Secorex and has developed and maintained relationships with Autoweb's key partners. A native of Bay City, Mich., he has a bachelor's degree in employment relations from Michigan State University and holds a certificate in negotiation from Harvard University. He is married and lives with his family in Durand, Michigan.

Leading Secorex employees also will join Autoweb/Secorex's executive management team. Previously the managing director at Schmitt GmbH, Peter Thurner has been appointed managing director of European Sales. Siegfried Heinz has been named managing director of Manufacturing Solutions. He previously served as founder and managing director at ProCAEss GmbH. The former founder and managing director of OCS GmbH, Udo Schork, has been appointed managing director for Finance and Administration in Europe. Wolfgang Winstel has been named managing director of Channel Sales. He previously served as managing director at ProCAEss GmbH.

Autoweb/Secorex is a leading global provider of software-based data management and system interoperability solutions. The company provides its customers with a single global solution that includes all global industry communication protocols and standards. Autoweb/Secorex has more than 5,200 customers in 40 countries, along with over 80 global sales partners.

Autoweb/Secorex customers include some of the world's leading automotive manufacturers and their suppliers, including Chrysler, Ford, General Motors, Honda, Mitsubishi and Nissan, as well as BAE Systems, Behr, Federal Mogul, Hella, Honeywell Aerospace, Johnson Controls, Lear, Metaldyne and Visteon. For additional information regarding Autoweb, visit <http://www.autoweb.net/>.

 [Click here to return to Contents](#)

BlueCielo Appoints Pamela Aloia as Quality Manager

10 September 2007

[BlueCielo ECM Solutions](#) (formerly Cyco Software), announced that it has appointed Pamela Aloia to the position of Quality Manager with immediate effect.

A specialist in quality, validation and document management who has worked with regulated industries for 12 years, Aloia will expand BlueCielo's quality management program and ensure that the company continues to provide top quality software solutions and services compliant with applicable regulations.

Aloia will draw on her extensive experience particularly in the pharmaceutical and engineering sectors to further hone BlueCielo's industry-tailored InnoCielo solutions that enable companies in the utilities, pharmaceutical, oil and gas, and other sectors to effectively manage their engineering content, while supporting compliance to the necessary industry or government regulations such as FDA 21 CFR Part 11, European Annex 11 of the EU Guide, the Sarbanes-Oxley Act, current good manufacturing practices (cGMP), OSHA 1910 for Occupational Safety & Health Administration, and Safety, Health and Environment (SHE) guidelines.

“The proper management of engineering content like engineering drawings and other technical documentation throughout the enterprise in all phases of the asset lifecycle enables companies to

CIMdata PLM Industry Summary

minimize downtime, reduce overhead costs, ensure compliance and improve safety and integrity,” says Martijn Janmaat, BlueCielo president and CEO. “Our InnoCielo Meridian Enterprise solution has met this challenge in leading companies such as Abbott Laboratories, Biogen Idec, ExxonMobil, McNeil Consumer & Specialty Pharmaceuticals, PDL BioPharma and Shell – and we are confident that with Pamela’s expertise we will continue to meet the increasing demands for regulatory compliance and quality for our enterprise-ready ECM solutions.”

Aloia joins the company from DataCore Technology, Inc, a successful US-based company specializing in implementing ECM solutions and long-time reseller of BlueCielo's ECM solutions until its recent acquisition by BlueCielo in June.

Prior to seven years in quality and project management at DataCore, Aloia distinguished herself as a validation specialist at First Consulting Group, an IT consultancy dedicated to the healthcare and pharmaceutical sectors, after beginning her career as a technical writer for Sanchez Computer Associates equipped with a Bachelor of Arts degree.

 [Click here to return to Contents](#)

Delcam Sets Up Singapore Office to Support Asian Machine Tool Suppliers

11 September 2007

Delcam has established a representative office in Singapore to provide additional support to Asian machine tool suppliers. The new office will also work with Delcam’s network of subsidiaries, joint ventures and resellers in the region to improve general market awareness of the company and its PowerMILL, FeatureCAM, ArtCAM and PartMaker ranges of CAM software.

The main focus of the new office will be to work closely with machine tool suppliers to develop a range of demonstrations that highlight the strengths of both the particular piece of equipment and the appropriate program from Delcam’s comprehensive range of CAM software. These demonstrations will cover examples from Delcam’s newer target markets in the aerospace, autosport and composites industries, as well as from the company’s traditional toolmaking applications.

"By working more closely with machine tool companies, we can give the maximum benefit to our customers," explained Tim Mitchell, Delcam’s Asian Business Development Director. "By using programs prepared with Delcam software, machine tool companies can produce parts at faster machining speeds and with higher quality surface finish. This improved performance will help them sell more machines and will also help their customers to get better results."

"Delcam offers the world’s most comprehensive range of CAM software," added Mr. Mitchell. "We can, therefore, provide support for every type of machine tool, from the simplest lathe or engraving machine, right through to the latest high-speed, multi-task equipment."

The new Singapore office will also work with local machine tool companies to keep Delcam’s post-processors up-to-date with developments in machine tool controls and option files. The aim will be to have a suitable post available as soon as any new machine hits the market and so ensure that it will be productive from the moment it is installed by the customer.

"The increased use of more complex machine tools, especially five-axis machines and turn-mill equipment, has made it essential for machine tool companies and software suppliers to work more closely together," claimed Mr. Mitchell. "Having an office at the heart of the Asian market will help us to develop closer relationships with the region’s machine tool suppliers. This will help them to sell more

CIMdata PLM Industry Summary

machines but, most importantly, will ensure that their customers can use Delcam software to maximize the productivity of their new equipment and so increase the return on their investment.”

The office will be managed by Christy Joseph, who has recently joined Delcam from Geomagic Inc. A mechanical engineer by qualification, Christy has more than eight years experience in CAD/CAM software sales and support. Prior to his role as Manager – Asia Pacific for Geomagic, he spent three years as a Technical Consultant with NIIT Ltd., working mainly to support companies using SDRC I-DEAS.

"Christy's technical background, together with his experience in supporting Asian companies, makes him the ideal person to lead this new initiative," said Mr. Mitchell. "In addition, he has extensive contacts with many of the leading companies in the region and so will help to further raise Delcam's profile within these larger corporations."

 [Click here to return to Contents](#)

Gerber Technology Announces the Addition of William H. Brewster, Jr.

11 September 2007

[Gerber Technology](#) announced William H. Brewster, Jr., has joined the company as vice president, global marketing and product management. Brewster will be responsible for the company's overall marketing and product management initiatives including new business development and will report directly to John Hancock, president.

In his new position, Brewster will leverage his experience and proven track record of achieving sustained business growth to solidify Gerber's leadership role in the sewn goods and flexible materials industries. He will be responsible for developing effective global product marketing strategies that will directly impact revenue growth and profitability, drive brand trust, and ensure Gerber delivers significant value to its customers worldwide.

"Bill brings tremendous professional experience in both the hardware and software products and exceptional talent to Gerber's management team. His knowledge of international technology-driven organizations coupled with his ability to stimulate company growth are the right combination to achieve Gerber's marketing and business goals," said John Hancock, president, Gerber Technology. "Bill will play a vital role in strengthening Gerber's leadership position by effectively positioning Gerber against the competition and sustaining continued brand recognition and growth on a global basis in all of our markets."

Brewster comes to Gerber with more than 21 years of diverse experience in software, Internet, office equipment, and business services marketing and product management. Most recently, Brewster served as vice president, marketing for Konica Minolta Business Machines U.S.A., Inc., a leading provider of advanced imaging and networking technologies. He was responsible for the development and execution of brand strategies and revenue generating marketing tactics including brand management, advertising, channel marketing, public relations, event management and market research. While at Konica Minolta, Brewster was responsible for launching the award-winning bizhub brand of printer/multifunctional products and also spearheaded a company-wide employee-based program to build an internal corporate culture centered on delivering a differentiated customer experience.

Prior to joining Konica Minolta, Brewster served in various marketing roles at Pitney Bowes Management Services Inc., culminating in director, imaging and eDocument solutions where he was

CIMdata PLM Industry Summary

responsible for product management, technical sales and solution P&L. In this position Brewster led the development and launch of a strategic solution platform and operations support infrastructure to drive and support high-growth outsource business service solutions in North America and Europe.

“Gerber’s ability to listen to and adapt to customer needs and truly drive customer satisfaction represents the solid foundation for our marketing efforts and continued revenue growth,” said Brewster. “I look forward to continuing the development of Gerber’s marketing program, and to introducing product initiatives and business strategies to further strengthen Gerber’s market leading position.”

Brewster holds a master’s of science in management of technology from The Wharton School of the University of Pennsylvania and a master’s of business administration from the University of Connecticut, as well as a bachelor’s of science in engineering from the University of Connecticut. Brewster is also a holder of eight United States patents.

 [Click here to return to Contents](#)

Infor and IBM Deliver Solutions for Mid-Sized Businesses

10 September 2007

Infor announced an agreement with IBM in which the companies will deliver end-to-end business solutions that address the needs of discrete manufacturers worldwide. Through this agreement, IBM will develop, sell and implement solutions specifically designed for mid-sized manufacturers. The IBM offerings, which include the Infor ERP LN Software and IBM Global Business Services, will help clients streamline operations and automate business processes.

The agreement highlights Infor and IBM’s strengthening relationship and IBM’s focus on mid-market vertical industry solutions in areas such as electronics and transportation equipment manufacturing. Infor ERP LN is the next generation of the Baan family of ERP solutions, of which IBM is a leading systems integrator. IBM’s Infor Consulting Practice provides customers with end-to-end implementation, migration, and development solutions for Infor ERP LN and Baan with a team of functional and technical professionals to support these projects, ongoing operations at the client site, and on-demand capabilities.

[IBM](#) will deliver Infor ERP LN solutions initially in North America, with plans for expanding the program to additional geographic regions. Infor and IBM will engage in joint sales to new manufacturing clients in general discrete, electronics and electrical equipment, and transportation equipment, and ease upgrades for existing Infor ERP Baan clients. IBM’s solutions offering will include IBM Global Business Services, and may also include other core competencies such as IBM’s hardware, software, and hosting or application managed services.

“[Infor](#) and IBM have a strong and broadening relationship based on common goals and complementary strengths,” said Dennis Michalis, senior vice president, Channels & Alliances for Infor. “This agreement brings LN’s strong heritage and industry specific capabilities for discrete manufacturers together with IBM’s domain expertise in complete solutions integration. We look forward to continued discussions with IBM on future technology.”

LN is a fully-integrated ERP solution that provides business-specific functionality to discrete manufacturers in specific industries. A scalable, open platform solution, LN powers operations for some of the world’s largest manufacturers. Its flexibility, inherent manufacturing functions, and low cost of ownership also make it the solution of choice for mid-sized manufacturers who face complex business

challenges.

“Manufacturing is a dynamic and increasingly competitive industry, where IT plays a critical role in helping companies innovate, differentiate and win in their markets,” said Mark Hanny, vice president, ISV Alliances, IBM Software Group. “At the same time, mid-sized manufacturers are seeking total solutions, backed by strategic partners that they know they can trust. Through our LN consulting practice, we’re matching our core competencies with Infor’s to deliver that total solution to discrete manufacturing customers.”

 [Click here to return to Contents](#)

Lectra Launches its Latest Education Partnership Program

13 September 2007

Lectra reinforces its Education Partnerships with the launching of a new worldwide Education Program aimed at schools and universities which train future professionals for the fashion industry.

The new partnership program is designed to ensure that fashion institutions remain on the cutting edge of technology, promote exchanges with Lectra experts, and offer students the opportunity to gain practical business experience. Lectra is pleased to announce the first contracts signed with renowned universities.

Lectra has strongly supported education for several years. By offering the use of its applied technologies and expertise, the company is helping educators integrate them into their curricula at more than 660 fashion-dedicated schools and universities around the world.

With this new partnership program, Lectra reinforces its support for tomorrow’s fashion professionals by helping them to improve their business and technology knowledge, thereby providing them with the skills and competences they need to succeed in the fashion world. Lectra also organizes meetings and seminars to share professional business experiences, innovation, and knowledge.

In addition to the opportunity to use Lectra software, students can benefit from internships with the company’s R&D, marketing or solutions experts teams, either in their home country or abroad. They may also participate in seminars and receive sponsorship support for their end-of-study projects.

Different partnership levels to cover all needs

Three partnership levels have been defined to ensure that Lectra covers the needs and expectations of all partners, depending on their activities, curricula, and desired level of involvement:

The first level provides institutions with royalty-free use of Lectra software licenses.

The second level offers students the additional opportunity to have internship support and career planning, as well as help in completing their projects.

The upper level implies a stronger commitment from both Lectra and the partner. Providing in-depth feedback and exchange channels, it allows both sides to share their common experiences for mutual benefit.

In addition, Lectra provides additional advantages to help students during their studies and to have many opportunities to present their work to the professionals.

First contracts signed

CIMdata PLM Industry Summary

Many contracts have already been signed, including highest-level partnerships in the UK with The Royal College of Art, De Montfort University, and Manchester University, in Italy with Istituto Carlo Secoli and Università di Urbino, in China with Donghua University, and in the US with Central Michigan University.

“De Montfort University is delighted to be one of Lectra’s Educational Partners. We have used Lectra software for some years now, and can see tangible benefits in developing the relationship further within the Department of Fashion & Textiles, specifically in regard to research, staff and student development,” says Julie King, head of fashion and textiles at De Monfort University. “Lectra software introduces students to the way the industry works, linking it directly to their design and pattern design projects and helping them to professionalize their work.”

Other signatures are pending with prestigious fashion and design institutions in the UK, France, China, Italy and the U.S.

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



[Click here to return to Contents](#)

Spatial Launches "Faces & Facets" Online Community Forums

10 September 2007

Spatial Corp. announced the launch of its online community, Faces & Facets, located at <http://forums.spatial.com/>. The community is part of Spatial's ongoing customer-centric strategy that emphasizes the importance of customer relationships and open communication.

Faces & Facets is a peer-to-peer network in which Spatial's users, both commercial and academic, can discuss optimal use of Spatial products and communicate with Spatial developers and executives. In addition to the usual product and off-topic forums, Faces & Facets includes blogs by ACIS Architect John Sloan and other Spatial specialists. These blogs are intended to add yet another dimension of productive communication, with insight into architectural schemes, strategies, and high level work flows as well as development best practices.

"As a customer-centric company, we've learned time and again that communication is the key to building strong relationships and adding value," said Keith Mountain, CEO of Spatial. "Our global support network already provides an unmatched level of contact in the 3D component industry. Faces & Facets takes this principle of open communication and accessibility to the next level, providing a place for honest and productive information exchange that will yield value for everyone involved."

To promote the use of Faces & Facets, Spatial is offering a free inaugural edition t-shirt to the first 150 registered users that post on the board. These registered users will also be entered in a drawing for a new iPhone or laptop. For details, visit <http://www.spatial.com/community/promotions.html>



[Click here to return to Contents](#)

TopSolid Launch of its Polish Web Site

14 September 2007

Missler Software has just launched its new Polish web site <http://www.topsolid.pl/> in collaboration with its Polish VAR TopSolution. Missler Software has been present on the Polish market since 2004 and the

CIMdata PLM Industry Summary

new corporate web site is an indication of the company's commitment to this market. Visitors can discover all there is to know about the TopSolid range of CAD/CAM solutions on offer, customer references, TopSolid resellers, product videos, etc. Market specific information as well as technical information is now available in Polish. This new web site for the Polish market adds itself to the list of TopSolid web sites available in English, French, German, Brazilian, Chinese, Italian (and Spanish and Portuguese before the end of the year) TopSolution, TopSolid VAR in Poland, targets 3 main markets with the TopSolid range of software: Wood making, Mold making and mechanical engineering. The wood industry has been a primary focus of the Polish company participating in such important trade fairs as the Drema International Woodworking fair in 2005 and 2007. Poland is, in fact, one of the largest furniture makers in Europe, thereby offering huge opportunities for TopSolid' Wood, Missler Software's integrated CAD/CAM solution for the wood industry.

 [Click here to return to Contents](#)

Events News

Altair Engineering Announces GM's Director of CAE Tom Tecco as HyperWorks Technology Conference (HTC07) Keynote Speaker

11 September 2007

[Altair](#) Engineering, Inc. announced that Tom Tecco, director of General Motors' global CAE, will kick off the 2007 HyperWorks Technology Conference (HTC07) with a keynote address titled "The Impact of Simulation and Virtual Validation on the Product Development Process." The two-day industry forum will be held October 2-3 in Troy, Mich.

Tecco is the director of Global CAE/Test Systems and Knowledge-Based Engineering (KBE) for the Information Systems and Services (IS&S) organization at General Motors. He is one of the automotive industry's leading experts on the potential of simulation technology in the design and development of robust products.

In recent years, the HTC has grown to one of the largest engineering simulation-focused events in North America, with attendance of more than 400 professionals last year. This year, industry thought-leaders will share how CAE technology helped them innovate their designs, accelerate product development processes and become more competitive in a rapidly-changing marketplace. The free conference will highlight real-world applications and provide an exclusive insight into new methods and best practices. Complete agenda information and online registration is available at <http://www.altair.com/htc2007>.

 [Click here to return to Contents](#)

Apache Design Solutions to Highlight Complete Silicon Integrity Platform Solutions for SOC Designs

13 September 2007

[Apache Design Solutions](#) announced that the company will be participating at the 2007 IEEE Custom Integrated Circuits Conference (CICC).

WHO: Apache Design Solutions, Inc.

WHAT: Conference Exhibit. Apache Design Solutions will highlight their complete silicon integrity

CIMdata PLM Industry Summary

platform solutions for system-on-chip (SoC) designs.

WHERE: 2007 IEEE Custom Integrated Circuits Conference, DoubleTree Hotel, San Jose, California. Apache Design Solutions will be exhibiting at booth #103. Please see <http://www.ieee-cicc.org/> for more information.

WHEN: September 17 - 18, 2007.

 [Click here to return to Contents](#)

AVEVA To Sponsor PlantSuccess Shows in Calgary, Philadelphia and Houston

12 September 2007

AVEVA announced that it will be an industry partner with the highly-acclaimed PlantSuccess conferences in Calgary, September 13, 2007; Philadelphia, October 16, 2007; and Houston, April 10, 2008.

PlantSuccess unites people and engineering IT technology in a forum that brings innovative leadership to the plant industries. Industry experts and executives meet to share their experience in operating and maintaining plant assets - what are the trends, pressures and business drivers; what works and why - delivered in an organized, professional format.

"Attendees are attracted to PlantSuccess by extensive participation from executives from the oil & gas and chemicals industries. They are also attracted by the important topics covered, engaging discussions and the highest candor possible among peers," commented Carl Howk, Chairman of PlantSuccess LLC.

"Design, Operate, and Maintain are the three major components of the plant lifecycle," commented Rob Glasier. "Over our 40-year history AVEVA's technology has been used to design many of the plant assets currently in operation and construction worldwide. Adoption of engineering technology to reduce costs on the Operations and Maintenance side of plant asset management has had a slower start, but is building momentum. We believe PlantSuccess is the ideal forum to demonstrate not just our technology, but our proven successes, to the Owner/Operator community."

For more information on PlantSuccess please visit <http://www.plantsuccess.com/>.

 [Click here to return to Contents](#)

Cimatron to Partner with Leading Machine Vendors at EMO

14 September 2007

Leading machine vendors presenting at the upcoming EMO tradeshow will demonstrate live cutting of parts programmed by Cimatron's NC software.

GF AgieCharmilles (Booth B18, Hall 27) will demonstrate milling of an aerospace ring on their 5-Axis Mikron HPM 1850U Machine, showcasing the ability to minimize air cutting with stock consideration, swarfing and joggle shaping, as well as the usage of conic and undercut tools such as slot and dove-tail mills.

A 700 mm long steam turbine will be machined on Okuma's 5-Axis MB-66V Machine (Booth C18, Hall 27), highlighting the ability to maintain exact aerodynamic conditions and create a smooth surface finish, using 4-axis vertical machining center with 2 synchronized rotary tables, endless A axis, and continuous spiral cut.

CIMdata PLM Industry Summary

Bharat Fritz Werner (Booth E26, Hall 27) will demonstrate 3-Axis milling of a forging rod part on the high speed BFW Tejas Machine, utilizing multiple techniques to shorten cycle times, including rest roughing, corner reduction, and small cutters to eliminate the need for EDM.

Breton (Booth C53, Hall 13) will mill a 210mm dia. Impeller on their Ultrix 800RT machine, showcasing the ability to cope with complex parts using long tools and thin shanks to remove material between the blades and prevent vibration of the blade during milling.

With over 20,000 installations worldwide, Cimatron is a leading provider of CAD/CAM solutions for tool making and manufacturing. Cimatron's NC solutions include powerful built-in CAD capabilities that help prepare the geometry for best machining results.

Cimatron NC 5-Axis Production supports positioning and continuous milling, providing full control over the tilt and lead angles as well as complete gouge and collision check. Touch-of-a-button 5-axis tilting solution is especially suitable for parts with deep cavities, narrow ribs, and tight corners, allowing the use of shorter and rigid tools for rapid machining and superb surface quality.

Cimatron's 5-Axis solution includes a rich set of solutions to support streamlined 5-Axis machining of common applications such as impellers, turbine blades, electrodes, and engraving. To smooth the integration of the application into the 5-Axis manufacturing environment, an extensive selection of post-processors is provided by Cimatron.

"EMO provides a unique opportunity to see Cimatron's advanced machining capabilities demonstrated on multiple machines under one roof," said Danny Haran, Cimatron's President and Chief Executive Officer. "With a range of NC solutions from 3- to 5-axis, we help leading tool makers and manufacturers produce high quality tools and parts while significantly shortening delivery times."

The 2007 EMO trade fair will take place in Hanover, Germany. The latest products and services for the metalworking industry will be on display, with special emphases on cutting, splitting, milling and metal forming machine tools, manufacturing systems, precision tools, automation components, computer technology, industrial electronics and accessories. More details can be found at http://www.emo-hannover.de/homepage_e.

Visit Cimatron at EMO, September 17-22, 2007

Hall 6, stand K18

 [Click here to return to Contents](#)

CONTACT Software GmbH Invitation to CIM DATABASE User Meeting in Bremen

10 September 2007

CONTACT Software GmbH again expects numerous customers and partners at this year's [CIM DATABASE User Meeting](#). The event, taking place in the Congress Centrum Bremen from 29.-30. November 2007, is based on the motto "ideas to innovations": How should processes and tools be designed to effectively develop from good ideas successful products? For that, reputable customers present their PDM/PLM strategy and concrete use cases. Accredited professionals from industry, public organizations and academics explain trends in product data management and collaborative product development. The presentation of the product strategy around the PDM/PLM platform CIM DATABASE focuses on efficient CAD-Data Management, Product Data Management for globally distributed companies, agile solutions for agile companies and usability in the context of heterogeneous

product data structures.

 [Click here to return to Contents](#)

Delcam to Show New PowerINSPECT Release at Quality Expo

14 September 2007

Delcam will demonstrate the latest release of its PowerINSPECT software on stand 7640 at the [Quality Expo](#) exhibition to be held in Rosemont, Illinois, from 25th to 27th September. This new version of the hardware-independent inspection software includes support for multi-axis On-Machine Verification, improved ease of use, and compatibility with the AIMS Metrology System used by leading aerospace companies, such as Boeing and Lockheed Martin.

The multi-axis option for On-Machine Verification will allow companies with four-, five- or six-axis equipment to undertake comprehensive verification of their parts on these more complex machine tools, both during and after machining. The main advantage of the new option will be the ability to check undercut regions, without any need to re-position the workpiece.

The main improvement to the system's ease of use is the introduction of a colour-coded scheme for the points to be measured – an enhancement known as the 'bouncing ball'. Under the scheme, all points to be inspected are initially coloured blue, apart from the position for the first measurement which is shown in red. As the inspection proceeds, the next position to be measured is always shown in red, while each point that has already been taken is turned to grey.

The new scheme can be applied either when using teach-and-learn inspection of the first item in a production run or when programming a sequence for a number of parts off-line. In both cases, it will make it easier for any user to reproduce exactly an inspection sequence developed by a different operator. Similarly, it will help when duplicating an inspection last undertaken some time before, when the user cannot remember the complete sequence.

The new compatibility with AIMS will allow sharing of CAD geometry, inspection plans and measurement results back and forth between PowerINSPECT and other hardware and software platforms. It will, therefore, make it easier for companies to introduce the Delcam software alongside any existing inspection systems. Similarly, it will simplify the comparison of results obtained with PowerINSPECT with any legacy data collected using older systems.

 [Click here to return to Contents](#)

EdgeCAM to be showcased at AMMO Expo – The American Manufacturing Expo 2007

September 2007

EdgeCAM Version 12 from [Planit](#) will be demonstrated at the [American Manufacturing Expo](#) (September 18 – 21, 2007) held at the Las Vegas Convention Center in booth 744.

Building on EdgeCAM's established multi-axis machining strengths, Version 12 extends the range of 5-axis machine tool support to include head/table configurations for both simultaneous and positional work. Accurate simulation of the machining process, including full kinematic display of all table/head and tool movement, verifies work setup and eliminates potential collisions.

Users will enjoy faster toolpath generation for prismatic and 3D geometry. Toolpath smoothing

CIMdata PLM Industry Summary

generates true arcs based on the target geometry, giving improved accuracy and efficiency, as well as greatly reducing the size of the CNC files. New options reduce cycle time and further enhance EdgeCAM's toolpath control for holes and minimizing air cuts.

New strategies in Version 12 improve swarf control on deep hole boring and increase tool life and programming capability.

Expanded into both turning and mill/turn environments, the improved Strategy Manager allows more processes to be automated, enabling design intent to direct the manufacturing environment. Attributes such as tolerance and surface finish can be used to maximize machine productivity. Working in conjunction with EdgeCAM Part Modeler, surface finish can be used to control optimum feed, speed and depth of cut.

Version 12, supporting Windows Vista® has moved to SQL, the industry standard technology for handling databases and multi-user environments, providing the potential for integration with other factory automation systems such as ERP, tool measurement and tool management systems.

EdgeCAM offers core support for the latest CAD products, working with native data from such systems as Solid Edge v20, SolidWorks 2008, Inventor 2008 and CATIA V5 R17.

 [Click here to return to Contents](#)

EdgeCAM to be showcased at EMO 2007

September 2007

EdgeCAM Version 12 from [Planit](#) will be demonstrated at [EMO](#) (September 18 – 21, 2007) in Hannover, Germany in Hall 6, Stand 10.

Building on EdgeCAM's established multi-axis machining strengths, Version 12 extends the range of 5-axis machine tool support to include head/table configurations for both simultaneous and positional work. Accurate simulation of the machining process, including full kinematic display of all table/head and tool movement, verifies work setup and eliminates potential collisions.

Users will enjoy faster toolpath generation for prismatic and 3D geometry. Toolpath smoothing generates true arcs based on the target geometry, giving improved accuracy and efficiency, as well as greatly reducing the size of the CNC files. New options reduce cycle time and further enhance EdgeCAM's toolpath control for holes and minimizing air cuts.

New strategies in Version 12 improve swarf control on deep hole boring and increase tool life and programming capability.

Expanded into both turning and mill/turn environments, the improved Strategy Manager allows more processes to be automated, enabling design intent to direct the manufacturing environment. Attributes such as tolerance and surface finish can be used to maximize machine productivity. Working in conjunction with EdgeCAM Part Modeler, surface finish can be used to control optimum feed, speed and depth of cut.

Version 12, supporting Windows Vista® has moved to SQL, the industry standard technology for handling databases and multi-user environments, providing the potential for integration with other factory automation systems such as ERP, tool measurement and tool management systems.

EdgeCAM offers core support for the latest CAD products, working with native data from such systems

CIMdata PLM Industry Summary

as Solid Edge v20, SolidWorks 2008, Inventor 2008 and CATIA V5 R17.

 [Click here to return to Contents](#)

EdgeCAM to be Showcased at Great Lakes Advanced Productivity Exposition 2007

September 2007

EdgeCAM Version 12 from [Planit](#) will be demonstrated at the [Great Lakes Manufacturing Expo](#) (September 18 – 21, 2007) held at De Vos Place in Grand Rapids, MI in booth 341.

Building on EdgeCAM's established multi-axis machining strengths, Version 12 extends the range of 5-axis machine tool support to include head/table configurations for both simultaneous and positional work. Accurate simulation of the machining process, including full kinematic display of all table/head and tool movement, verifies work setup and eliminates potential collisions.

Users will enjoy faster toolpath generation for prismatic and 3D geometry. Toolpath smoothing generates true arcs based on the target geometry, giving improved accuracy and efficiency, as well as greatly reducing the size of the CNC files. New options reduce cycle time and further enhance EdgeCAM's toolpath control for holes and minimizing air cuts.

New strategies in Version 12 improve swarf control on deep hole boring and increase tool life and programming capability.

Expanded into both turning and mill/turn environments, the improved Strategy Manager allows more processes to be automated, enabling design intent to direct the manufacturing environment. Attributes such as tolerance and surface finish can be used to maximize machine productivity. Working in conjunction with EdgeCAM Part Modeler, surface finish can be used to control optimum feed, speed and depth of cut.

Version 12, supporting Windows Vista® has moved to SQL, the industry standard technology for handling databases and multi-user environments, providing the potential for integration with other factory automation systems such as ERP, tool measurement and tool management systems.

EdgeCAM offers core support for the latest CAD products, working with native data from such systems as Solid Edge v20, SolidWorks 2008, Inventor 2008 and CATIA V5 R17.

 [Click here to return to Contents](#)

Enginuity CEO Dr. John P. Sottery to Deliver R&D Keynote Address at HBA Global Expo

12 September 2007

[Enginuity](#) CEO Dr. John P. Sottery will be presenting the R&D keynote address at the [HBA Global Expo](#). Dr. Sottery's talk, and the session that he is in, is a major highlight of HBA University. It is a first for HBA in that it is designed for senior managers in the personal care industry. This presentation will take place Wednesday, September 19, 2007 at 9:00 a.m. EDT in The Javits Center in New York City.

Dr. Sottery's presentation entitled "Technology Based Approaches to Enhancing Product Development" will share experiences from Dr. Sottery's 20 + years of working with major companies in the personal care industry and provide insights for senior R&D managers in selecting and implementing enterprise software applications.

Dr. Sottery has served as CEO of Enginuity since he founded the company in 1992. Prior to that, he

CIMdata PLM Industry Summary

worked for Procter & Gamble (P&G), where he led the development of new sunscreen technology. He has over two decades of product development experience and is a recognized industry expert on enterprise applications to accelerate product development. He holds five patents and has been an invited speaker at a number of prestigious international conferences.

Dr. Sottery received his BS in Chemistry from Bates College and his PhD in Analytical Chemistry from Duke University.

 [Click here to return to Contents](#)

ESPRIT 2008 by DP Technology to be Exhibited at Gosigerfest 2007, Oct. 3-4, 2007

13 September 2007

ESPRIT 2008 computer-aided manufacturing (CAM) software will be exhibited by CAM industry leader DP Technology at Gosigerfest 2007, presented Oct. 3-4 by Gosiger, Inc. — maker of machine tools and factory automation equipment — in Dayton, OH.

Opportunities for one-on-one demonstrations and presentations of new features available within the latest generation of the product will be made available at the show, where an estimated 600 guests are expected to turn out to see the latest in new technologies.

Upgrades featured in ESPRIT 2008 include turning stock automation for lathes, open-pocket milling, EDM machine specific machining technology, improved 3D machining performance, B-axis turning for 5-axis mill-turn machines, and more. Machines on display in conjunction with ESPRIT 2008 will be those built by Okuma, Kira, Nomura and Accutex and include the Okuma ESL-8, Kira KPC-30a and Nomura SB5, among several others.

ESPRIT FX, feature exchange, has been enhanced in 2008 to improve the direct exchange of the part geometry and the CAD feature tree. Using the CAD feature tree inside the ESPRIT CAM system makes the programming process faster and more accurate because the CNC programmer has a more accurate description of the work piece to be machined. For 2008, the ESPRIT KnowledgeBase manager has been simplified to provide greater ease of use. The KnowledgeBase user interfaces have been centralized in one location to make it easier to manage all of the data in the database. The single, consistent user interface allows users to access all the data from one central location, such as the processes, materials and cutting tools, and context-sensitive commands are available with a right-click of the mouse.

Among enhancements to be demonstrated at the show and available in ESPRIT 2008 are significant improvements for milling, turning and wire EDM programming. In addition to increasing the performance of the CAM software, the upgrades reduce the time required to produce part programs while increasing the quality of those programs and helping to reduce machining cycle times.

 [Click here to return to Contents](#)

Free Utilities Industry Seminar – Asset Information Management

11 September 2007

BlueCielo ECM Solutions (formerly Cyco Software) announced its sponsorship of a free Asset Information Management seminar that will feature prominent industry speakers from AMCL, the Institute of Asset Management and Siemens, and address key issues for staying competitive in today's utility market. The event will be held at 9:30am-1:30pm on Wednesday, September 26, 2007 at Mercure

CIMdata PLM Industry Summary

Brandon Hall Hotel, Coventry, UK. Find event information and online registration details at <http://www.bluecieloecm.com/company/events>. Act now to avoid disappointment; only limited places are available.

Today, utility companies are under increasing pressure to sustain competitiveness, while adhering to tight regulatory pressures. Balancing reduced costs with increased profitability, and better value and service to consumers can be a tricky equation, but one that can be helped with the effective management of asset information. Get this right, and you can minimise operating and maintenance costs while improving both reliability and workflow efficiency.

The free half-day event will showcase initiatives for utility companies to optimise their business processes related to the creation, collaboration and distribution of engineering content, thus improving:

- Health and Safety
- Operational Excellence
- Economic Efficiency and
- Regulatory Compliance.

Speakers from AMCL, BlueCielo, the Institute of Asset Management and Siemens will offer their expert advice on the significance of PAS 55 and improving asset information management, together with a case-study on how engineering data management has been transformed within Siemens.

Participants will have the opportunity to present questions to the panel and continue discussions throughout a networking lunch.

If your organisation has physical assets to manage, then this seminar will provide invaluable insight into providing effective asset information management. For the complete agenda, further details and how to reserve your place, visit <http://www.bluecieloecm.com/company/events> now.

 [Click here to return to Contents](#)

ICAM Showcases CE / SIEMENS VNCK Integration at EMO 2007

13 September 2007

ICAM Technologies Corporation (ICAM) announced that it has partnered with SIEMENS Energy & Automation Inc. (SIEMENS) for the successful integration of ICAM Control Emulator™ (CE) with SIEMENS' Virtual NC Kernel (VNCK). ICAM CE is a new software product allowing NC programmers to simulate and test NC programs using Machine Code Data (MCD) within the CATIA V5 / DELMIA environment or within ICAM's machine tool simulator, Virtual Machine®. Compared to traditional APT-based verification systems, which simulate a programmer's planned tool path, CE provides a more meaningful simulation that represents how the machine tool will react to the MCD output generated by the post-processor.

SIEMENS VNCK deployed in conjunction with ICAM CE allows for the simulation of advanced features and functionalities of the SIEMENS SINUMERIK 840D controller. VNCK contains a virtual copy of the SINUMERIK CNC that encompasses a NC kernel motion logic which uses the same algorithms used by the actual 840D controller; subsequently, VNCK enables NC programmers to reliably emulate NC programs with regard to the exact machining time, cutting conditions, axes movements, collisions, work-piece geometry and motion behavior of CNC machine tools equipped with

CIMdata PLM Industry Summary

SIEMENS SINUMERIK 840D controllers.

“As multi-axes machines equipped with the SIEMENS 840D controller become more powerful and sophisticated, NC programmers are increasingly relying on simulation software products that accurately emulate machine behavior to avoid collisions and to optimize tool path,” said Brian Francis, ICAM’s Director of Research and Development. “Deploying VNCK as a value-added feature to CE will provide NC programmers the ability to accurately emulate the motions of advanced 840D features and functions, resulting in a significant reduction to the time spent on expensive prove-outs.” For individuals interested in viewing a CE / VNCK product demonstration, ICAM will be exhibiting at [EMO 2007](#) in Hannover, Germany at Stand F12, Hall 6 as well as at the SIEMENS booth located at Stand C19, Hall 25.

“SIEMENS signed its original corporate agreement with ICAM in 1998,” said Dirk Rabeneck, Head of SIEMENS A&D Aerospace Competence Center. “We continue to work with ICAM, because they have been the worldwide leading supplier of advanced NC manufacturing software products for over 35 years and we are confident that our mutual customers will benefit from an integrated CE / VNCK machine tool simulation solution that will allow them to maximize their SIEMENS SINUMERIK 840D control investments.”

About ICAM Technologies Corporation

For over 35 years ICAM Technologies Corporation has been specializing in the development and implementation of advanced NC post-processing solutions for manufacturers in major industries around the world. In 2002, ICAM added an integrated machine tool simulator, Virtual Machine®, to its product mix that further strengthened its position in the NC manufacturing market. ICAM customers benefit from improvements to CNC machine optimization, NC programmer productivity and manufacturing process efficiency.

About SIEMENS Energy & Automation Inc.

SIEMENS Energy & Automation, Inc. provides electrical, engineering and automation solutions, along with a broad range of electrical and electronic products, software, and services to clients worldwide. Its technologies range from computer numerical controllers to process control, industrial software and integrated automation solutions. The company also has expertise in systems integration, technical services and turnkey industrial systems. A team of more than 9,400 engineers, designers, field service technicians and diverse professionals draw on the global support and expertise of more than 400,000 professionals at SIEMENS-affiliated companies worldwide.

Contact Information CAM Technologies Corporation Phil Masella Marketing Communications Manager(514) 697-8033phil@icam.com

 [Click here to return to Contents](#)

International Conference on Computer Aided Design (ICCAD) Previews Technical Program Focused on Acute Challenges and Advanced Technologies

11 September 2007

The International Conference on Computer Aided Design (ICCAD), the Electronic Design Automation (EDA) industry’s top technical conference, is now previewing its technical program, including leading keynote speakers, tutorials and panels. The conference will be held November 5-8 at the DoubleTree Hotel in San Jose, California.

CIMdata PLM Industry Summary

This year's ICCAD theme focuses on current hot topics such as power, variability, and system design, but also expands its focus to include post-CMOS emerging technologies such as carbon nanotubes, molecular transistors, spin-based and single electron devices, DNA-based computing, electro-chemical components, MEMS, and the integration in sensor systems and biochips.

ICCAD 2007 will feature a number of tutorials, two industry-leading keynote addresses, two outstanding panels, and numerous networking opportunities.

Technical Program Details

Georges Gielen from Katholieke Universiteit Leuven and Sani Nassif from IBM Research serve as this year's General and Program Chair, respectively. The 2007 technical program continues ICCAD's well-established reputation as the place where the most important research breakthroughs are presented. The program includes 37 technical sessions crammed with 139 superb papers selected out of 511 submissions, spanning from ICCAD's traditional strength areas in physical design, circuit analysis, and synthesis, to new and emerging areas such as post-silicon devices and technologies, regular fabrics and 3D integration. In addition, four embedded tutorials on nano-photonics, physical synthesis, MOSFET modeling and formal verification round out the program.

A key highlight of the program is its two keynotes from Jeffrey Welser, Director of the Nano-Electronics Research Initiative, on Tuesday November 6, and John Kibarian, founder, President and CEO of PDF Solutions, on Thursday, November 8.

In order to more effectively serve its increasingly international audience, this year's ICCAD starts on a Monday, versus Sunday as in previous years. On Monday, November 5, six in-depth tutorials will be held on the topics of logic concurrency, layout and post-layout variations issues and solutions, specific within-die variability issues, DFM routing and clock distribution, and deterministic modeling of timing and reliability.

Two exciting panels will also occur on Tuesday, when the regular technical program starts. The lunch panel will highlight ethical and legal issues during transitions, and will feature top EDA executives, attorneys, and intellectual property experts. The evening panel, "ICCAD Idol," will feature professors as judges that will review brief presentations from industry leaders seeking a piece of the startup pie, from each of the five ICCAD topics.

In addition to the regular sessions, attendees will be able to attend the ICCAD's technology fair all day Wednesday featuring leading EDA corporations and institutions and numerous networking opportunities. A special lunch will be held to honor the late Margarida Jacome, a leading EDA researcher and member of ICCAD's executive committee.

Over 750 attendees are expected to attend this year's conference. Full program information is available at the ICCAD [website](#). Advance registration is open as well.

 [Click here to return to Contents](#)

MachineWorks Full Machine Simulation Technology at EMO

September 2007

The latest release of MachineWorks simulation and collision detection technology will be showcased on Hall 6 - Booth H26 at EMO in Hannover from the 17th to the 22nd of September 2007.

The latest version of MachineWorks provides improved functionality to support full machine simulation

CIMdata PLM Industry Summary

and a significant improvement to the breadth and performance of rendering and can be seen at EMO.

MachineWorks delivers a true solid modelling with material removal. This development toolkit is ideally suited for the sophisticated simulation, verification, clash and gouge detection of any type of CNC machining. The unique suite of geometric engines gives complete flexibility and seamless integration to the solution in which has been embedded. Any type of machining process and any type of tools and holders can be simulated within MachineWorks.

MachineWorks pioneered the market for embedded simulation in the mid 90's when simulation was a "nice-to-have", by offering the first true solid model simulation. MachineWorks' simulation solution allowed CAM software producers to provide integrated simulation as core functionality in their applications. Embedded simulation soon became a "must-have" for mainstream CAM applications. MachineWorks carried on developing ahead of markets requirements to become the preferred choice for simulation component technology.

MachineWorks' customers have made the decision to take advantage of our cutting-edge functionality. This reduces their time-to-market and allows them to make the most cost-effective use of their own resources whilst benefiting from the many years of development of our highly specialised simulation software. This is the decision that over 60% of the CAM applications in the world have taken. MachineWorks' features have become their simulation and verification features inside their applications. These applications can be seen at EMO; more than 15 customers will be exhibiting there and MachineWorks will also be running some of their customers' simulations on the stand.

There has been a lot of talk in the industry over the past few years about embedding simulation in CNC controller systems. This is now beginning to happen because CNC controls are becoming more powerful and are now capable of delivering the processing power needed by graphics-hungry applications. In addition, there is a growing demand for simulation and verification of programs created on conversational controllers.

MachineWorks believes that simulation will become standard on all CNC controllers and offers an advanced and flexible solution that can be customised to suit any application. Most programming is done at the machine, on the shop floor. By having simulation on the controller, operators on the shop floor are reassured that their programming /editing is error-free before the running of the machine.

Range of options

There are endless possibilities of what can be done on controllers with the processing power now available, from full machine simulation to anti-crash systems. In complex anti-crash systems, the software interacts with the machine to prevent a clash by physically stopping the machine before it occurs. However the first stage to an anti-crash system is usually to simulate the job on the machine in real time to allow operators to have a visual check of what's happening at any time at the machine. MachineWorks has been closely working with its partners to make this happen. Some of the leading manufacturers in the industry such as OKUMA, DMG, Doosan, Hurco and EMCO have already launched applications or are integrating MachineWorks technology into their own applications to provide simulation. <http://www.machineworks.com/partners>

 [Click here to return to Contents](#)

CIMdata PLM Industry Summary

Noran Engineering Shows Off New CAD Based Virtual Product Testing at National Manufacturing Week 2007

11 September 2007

Noran Engineering, Inc. (NEi) announced that it will demonstrate new technology for analysis and simulation at the CAD design stage. The new software makes a number of simulations easier to perform and hence more practical to implement. Up to this point, certain simulations have been confined to high-profile projects available only to sophisticated, expert FEA practitioners because of the level of difficulty, expense, or time required with current finite element analysis (FEA) products. NEi will demonstrate a number of recently released virtual testing tools in NEi Nastran, NEiFusion and NEiWorks that change this. These tools include Automatic Impact Analysis (AIA), Design Optimization, Automatic Surface Contact Generation (ASCG), and Hyperelastic and Composite Material modeling. Impact Analysis can be used in a variety of areas from military projectiles to product packaging to drop testing of consumer electronic products. Design Optimization can be used to find solutions when typical design parameters run counter to each other, for example, in searching for solutions to structures that are both strong and light. Surface Contact representation is essential in effecting real world fidelity in modeling assemblies and impacts. Digital prototyping technology developed by NEi for the CAD design stage enables product engineers to visualize the response of their designs to structural and thermal loads before investing in physical prototypes and testing.

NEi is at Booth # 4228 at the National Manufacturing Week 2007 Exposition September 25 - 27, 2007 at the Donald E. Stephens Convention Center in Chicago, Illinois. NEi is inviting attendees with an interest in virtual test software to sign up prior to the show at <http://www.nenastran.com/NMW 2007> so models may be prepared which address their specific application.

 [Click here to return to Contents](#)

Radan to be Showcased at AMMO Expo – The American Manufacturing Expo 2007

September 2007

Radan 07 from [Planit](#) will be demonstrated at the [American Manufacturing Expo](#) (September 18 – 21, 2007) held at the Las Vegas Convention Center in booth 744.

Radan's CAD/CAM software for sheet metal applications incorporates a wealth of functionality to maximize material utilization and reduce cycle times.

Radan 07's enhanced "True Shape" nesting capabilities deliver greater material utilization than ever before with the ability to nest components around clamps, provide finer angular orientation of parts within the nest and accurately compensate for individual tool shapes. As a result, parts can be nested closer together without the risk of destroying the raw material skeleton or closely oriented parts being damaged through tool interference.

Radan 07 also incorporates improved methods for handling partly used sheets – to further reduce material wastage. Offcuts can be automatically recorded for later use by Radan's 'Remnant Nesting' tools and the nester will evaluate all stored remnants before selecting the best one to use.

A further feature of Radan 07 is its support of fly cutting on a wide variety of profiling machines. With no tooling lead-in or lead-out, this advanced technique enables laser cutting cycle times to be reduced dramatically on work pieces that include grids of holes or matrices of repeated profiles.

 [Click here to return to Contents](#)

Serena Software Revamps Go-To-Market Strategy around Web 2.0, SOA, and SaaS

10 September 2007

At its global user conference, Serena xChange 2007, Serena Software, Inc. will introduce new business and product strategies designed to further its leadership in application lifecycle management (ALM) and extend the company's capabilities by offering Business Mashups to capitalize on increasing interest in service-oriented architecture (SOA) and software as a service (SaaS).

Serena's latest offerings will empower a new generation of power users in both business and IT ("mashers") to develop their own everyday applications, called Business Mashups, and quickly and easily deploy them without burdening IT. By empowering mashers, corporations will finally reduce the substantial application backlog that plagues them today.

"For many years we've helped the world's largest companies build sophisticated mission critical applications. The problem is that IT can't innovate quickly enough to satisfy the demand. In fact, most IT departments have five to 10 times the number of requests for applications than they have capacity to deliver," said Jeremy Burton, Serena president and CEO. "Businesses need a quicker way to build applications and a quicker way to deploy them. If IT builds a rich SOA platform, then power users can innovate on top of it and 'mashup' new applications quickly. Using a SaaS model, those Business Mashups can quickly be deployed and accessed for a few dollars per user per month. That's our new business – tools to build Business Mashups on top of SOA, and SaaS to deliver."

More than 15,000 organizations around the world, including 96 of the Fortune 100, rely on Serena solutions to automate the application development process and effectively manage their IT portfolio.

Serena is leveraging its expertise in ALM to merge consumer-driven Web 2.0 technologies with enterprise systems and processes. The company's first step is focused on Business Mashups, in which Serena has invested significantly in new technology that makes it easy for business users or mashers to create new composite applications and deploy them to the Internet without the need for specialized IT resources.

Key to Serena's new business strategy is the launch of Serena® Mashup Composer™, its visual design environment, free of charge to all users. Customers only pay for Business Mashups when they are deployed into production.

Serena is building a new online business unit staffed by the best and brightest in software as a service. René Bonvanie, senior vice president of Serena's online business and former Salesforce.com, Business Objects, and Oracle senior executive, was hand-picked by CEO Burton to build Serena's on-demand business.

"SaaS is quickly becoming the preferred software delivery model in many global enterprises and we are investing heavily to build on-demand services for our applications. Serena's new on-demand Business Mashup platform is just the beginning," said Bonvanie. "Serena will offer other Serena applications in a SaaS model, including Serena® Mariner™, our project and portfolio management offering."

Bonvanie also leads Serena's new partner initiatives, which will drive an online marketplace for new business ideas and revenue streams around Business Mashups. More information about the Serena® Mashup Exchange™ and participation in Serena's partner program is available at

<http://www.serena.com>

 [Click here to return to Contents](#)

Tribold to Debate the Impact of Product Lifecycle Management and Service Delivery Platforms at SDP Global Summit 2007

10 September 2007

Catherine Michel, CTO at Tribold and TeleManagement Forum advisory board member, will discuss the synergy between Product Lifecycle Management (PLM) and Service Delivery Platforms (SDP) at Informa's SDP Global Summit 2007.

Held in Frankfurt between 18th and 20th September, the SDP Global Summit will bring together over 20 telecoms operators from around the globe, and present cutting-edge ideas at the forefront of the SDP discussion.

Tribold's presentation will focus on the relationship between PLM and the SDP, particularly covering:

- PLM in the context of Business Support Systems (BSS)
- The value proposition of PLM
- Supporting an end-to-end seamless product selection with PLM
- Service management and Customer Relationship Management (CRM) functions of the SDP

Assessing the ability of the SDP to extend lifecycles of services

Discussing synergies to enable consumer-driven, on-demand customer selection

The presentation will be an innovative view on the SDP topic, presented from the PLM perspective. Michel said: "As first movers in the market, we have been very active in defining product management standards, and only now are Communication Service Providers (CSP) fully realizing the potential such a solution offers."

"The issues surrounding the SDP and PLM are intrinsically linked, and a clear understanding of the relationship will allow CSPs to realize a practical and effective implementation of efficient product management."

Catherine will also be speaking at the 4th Annual Return on Investment in Convergence Conference in Prague on 25th September 2007.

For further information on the SDP Global Summit please visit: <http://www.sdpsummit.com/> or at <http://www.tribold.com/>.

 [Click here to return to Contents](#)

What You Design Should Be What You Get, Says EDA Leader Cadence

10 September 2007

Remember when it was a phenomenal breakthrough that you could bring up a file on a computer screen and see exactly what the printed page would look like? It was called WYSIWYG, or "what you see is what you get" computing. Now, fast-forward 25 years, and shrink the printed image by a factor of 10 million and you'll see the challenge facing the semiconductor industry today: How to ensure that when critical parts of chips are manufactured to look the way they were designed—in other words, how to

CIMdata PLM Industry Summary

achieve 'what you design is what you get' or WYDIWYG signoff. According to executives at Cadence Design Systems, Inc. speaking at the annual CDNLive! User Conference here today, this is no small task. A single feature on a leading-edge semiconductor device can be thinner than the wavelength of light that was used to print it, which presents a whole set of engineering challenges in itself.

The problem, of course, is even more complex than simply drawing a smaller line. When the power is turned on, these devices also have to operate exactly as planned. At very small geometries, timing and power are critical: for example, a single 45nm transistor can turn on and off in the time it takes light to travel less than a tenth of an inch, and in a typical device, millions of transistors are firing at once.

In fact, over these distances and at these speeds, the very concept of "at once" really has no meaning. Tiny physical and electrical variations can cause delays that sideline even the best chip designs, potentially causing millions of chips to fail. To avoid this, said Cadence executives, designers need to be sure—at the design stage—that the chip will be successful after manufacturing. Since much of the manufacturing-side knowledge is still out of the designers' hands, this requires sweeping improvements to the software that designers use.

"Fundamentally, what is at stake is the quality of electronic products today," said Mike Fister, President and CEO of Cadence Design Systems. "The electronics industry simply cannot afford to find problems in manufacturing. The best place for fast, efficient, cost-effective correction, analysis, repair and optimization is at the designer's desk. If the chip is correct by design, there should be few unexpected problems once it is manufactured; What you design is what you will get."

This requires an improved ability to predict how a design's physical and electrical characteristics evolve during manufacturing. The sooner a designer can achieve a high level of predictability, the better the design quality. Historically, a small industry of 'design for manufacturing' software startups have attempted to satisfy this emerging need. However, what designers are increasingly asking for is a holistic set of solutions that are fully integrated throughout the digital and custom design environments. This is critical to enabling fast, accurate design and manufacturing of innovative electronic products.

"If this were a matter of just solving a single problem, you could do it with a single software program at any time in the design stage. But design for manufacturing addresses a much bigger set of challenges," said Mike McAweeney, vice president of DFM for Cadence. "Integrating these capabilities into the design flow allows designers of all types of chips to make choices and solve problems that we didn't even think of when the integration effort began. This sort of activity creates its own momentum and synergy."

"TSMC is pleased to work with Cadence to create and qualify interoperability between the foundry's DFM data sets for advanced technology and the EDA tools and models that designers use," said Kuo Wu, deputy director of design service marketing of Taiwan Semiconductor Manufacturing Company. "We've had extensive collaboration with Cadence and its partners on this effort, and our mutual customers have already benefited from the results."

At the event, Cadence also unveiled broad improvements to its Encounter design environment, providing digital chip designers with a much higher degree of certainty that the design will function correctly after manufacturing.

"Semiconductor design is becoming increasingly expensive, so designers want to get their projects done quickly and correctly," said Jim Feldhan, analyst at Semico Research. "Engineers targeting 65nm and 45nm technologies are encountering significant design challenges, but time to market constraints means they can't spend a lot more time solving them. That means the design tools have to manage key

CIMdata PLM Industry Summary

manufacturing dependencies for them. In other words, the Cadences of the world have to embed solutions to problems such as leakage power, design rule complexity and process variation, into their products. That's the challenge that Cadence faces, and it's doing remarkably well."

[Cadence](#) unveiled these developments at its annual CDNLive! Silicon Valley Conference today at the San Jose Convention Center. The three-day conference is attended by hundreds of world's leading semiconductor designers from companies such as NEC, Freescale Semiconductor, Qualcomm, IBM and ST Microelectronics, to name a few, many of whom share their own breakthroughs in technical presentations and seminars on design techniques.

"CDNLive! Silicon Valley is a user event, driven by-and-for the design community," said Cadence CTO Ted Vucurevich. "It is focused on sharing ideas that solve today's most pressing semiconductor engineering challenges. It's as important to the semiconductor design industry as a leading medical conference is to doctors and the medical community at large."

 [Click here to return to Contents](#)

Financial News

Aspen Technology Announces Selected Preliminary Fiscal Fourth Quarter 2007 Results and Update on Restatement of Previously Issued Financial Statements

12 September 2007

Aspen Technology, Inc. announced selected preliminary financial results for its fiscal fourth quarter 2007 and fiscal year ended June 30, 2007.

The company reported record license bookings during the fiscal fourth quarter 2007, with license bookings defined as the total net present value of all license contracts signed in the quarter. License bookings were \$67 million during the fiscal fourth quarter, an increase of approximately 49% compared to \$45 million in the fourth quarter of fiscal 2006. The company reported record fiscal 2007 license bookings of \$200 million, an increase of approximately 23% from \$162 million in fiscal 2006.

The company ended the fourth quarter with \$132 million in cash, up \$31 million from \$101 million at the end of the prior quarter. The increase in cash was driven primarily by strong license bookings, which generated installments receivable that were sold for cash during the quarter, and continued focus on managing costs and expenses. In addition, the company received \$5 million of proceeds from exercises of stock options, while it used \$2 million of cash for capital expenditures during the fourth quarter.

Mark Fusco, Chief Executive Officer of Aspen Technology, said "We were very pleased with the company's operating performance in the fourth quarter, which was highlighted by robust growth in license bookings that exceeded our expectations and the growth of the market. The fourth quarter capped off the most successful annual operating performance in the history of AspenTech, and our business was solid across each key metric during the fourth quarter – vertical, major geography, product, aspenONE and transactions of all sizes." Fusco added, "With solid market demand, a differentiated value proposition and industry leading domain expertise, we are optimistic about the company's fundamental outlook as we begin fiscal 2008."

The company also announced that it is continuing work on the restatement of previously issued financial statements. The restatement needs to be completed before the company can issue final, complete results for its fiscal fourth quarter and year ended June 30, 2007.

CIMdata PLM Industry Summary

As announced on June 11, 2007, the company has identified errors in its accounting for sales of installments receivable. The company has reviewed thousands of installments receivable transactions, dating back to fiscal 2003, as part of a process to determine period-end balances for two new balance sheet accounts, a collateral asset for secured borrowings and a secured borrowing liability. Based on the significant amount of work that has been completed over the course of the past three months, the company has updated its estimate of the balances of these two new related balance sheet items, as follows:

- approximately \$230 million as of June 30, 2005
- approximately \$200 million as of June 30, 2006
- approximately \$200 million as of June 30, 2007

Brad Miller, Chief Financial Officer of AspenTech, said "The company's finance team and outside financial advisors have been working diligently to complete the restatement and fiscal 2007 year-end financial statements. We are committed to addressing these matters as expeditiously and thoroughly as possible. While we are completing this effort, AspenTech remains focused on customer success and sales of our solutions into end markets that continue to show strong demand."

Conference Call and Webcast

AspenTech will host a conference call and webcast today, September 12, 2007, at 4:45 pm (Eastern Time) to discuss the company's selected preliminary fourth quarter fiscal 2007 financial performance and related corporate and financial matters. A replay of the call will be archived on AspenTech's website and will also be available via telephone at (800) 642-1687 or (706) 645-9291, conference ID code 12769903 through September 19, 2007.

 [Click here to return to Contents](#)

IGE+XAO: Turnover Has Passed the 20 Million € Mark

14 September 2007

During the 2006/2007 financial year, the IGE+XAO Group's consolidated turnover passed the 20 million Euro mark, reaching 20,517,722 Euros, which is an increase of 4.2% compared with 2005/2006. The consolidated turnover increased 3% during the fourth quarter of 2006/2007 (5,532,328 euros). However this increase should be evaluated in light of the performance posted during same period a year ago, where in the fourth quarter of 2005/2006 turnover increased 9,2% compared to the previous year.

2006/2007 was particularly rich in transactions. At the start of the financial year, two joint-ventures - EHMS (development and marketing of a software suite for the production of electrical harnesses) and S2E Consulting (advice and assistance in engineering electrical design systems and processes) – were created with the Labinal and Sogéclair groups respectively. Then, at the beginning of 2007, the Group bought Compodata (publisher of complex system configurator software). Finally, in August 2007 IGE+XAO obtained its Chinese (business licence), an essential procedure for registering a company in China.

In terms of turnover, the contribution of these transactions over the 2006/2007 period has remained limited. On the other hand, with effect from 2007/2008, the companies S2E Consulting and in particular Compodata (a contribution of less than 280 thousand € to the 2006/2007 turnover) will start trading fully.

CIMdata PLM Industry Summary

In accordance with the Group's forecasts this good business development will be combined with an increased profit level.

For more information: <http://www.ige-xao.com>.

 [Click here to return to Contents](#)

Moldflow Finalizes Fourth Quarter and Full 2007 Fiscal Year End Results and Completes SEC Comment Letter Process

13 September 2007

Moldflow Corporation announced that the Company has finalized its results for the fourth quarter and full 2007 fiscal year. These results of operations were originally reported as “preliminary” on August 23, 2007 and should now be considered final, with the exception of the cash flow item noted below. Also today, the Company announced the completion of its SEC comment letter process. There were no adjustments to the Company’s historic or current financial statements arising from the completion of this process.

In discussing the finalized results of the Company’s fourth quarter and full 2007 fiscal year, Roland Thomas, President and Chief Executive Officer said, “We are very pleased to be able to confirm our fourth quarter and year end results which were in line with the upper range of our expectations. Fiscal 2007 has produced solid results for Moldflow. Our focus throughout the fiscal year allowed us to grow our total revenue to \$55.9 million, or 14% year-over-year, a marked improvement over fiscal 2006. Moving forward, we are confident in the strength of our core business and believe we are strongly positioned to take advantage of the continuing growth of the worldwide CAE market and further our leadership position.”

Thomas concluded, “As we head into fiscal 2008 as a CAE software only company, we have taken the opportunity to structure our internal organization to support our new business goals. As such, we are pleased to announce the appointments of Ken Welch as our Chief Operating Officer and Lori Henderson as our Chief Administrative Officer. Both Ken and Lori have been trusted members of the executive team for many years. As we target our efforts on creating the next generation of design optimization technologies and managing our business to maximize shareholder value, we believe that the appointments of Ken and Lori will provide the leadership necessary to achieve our goals.”

During the process of finalizing its fourth quarter and full 2007 fiscal year results, the Company determined that the cash generated by the operating activities of its continuing operations was \$1.0 million dollars higher and cash used in the operating activities of the Company’s discontinued operations was \$1.0 million dollars lower than preliminarily reported on August 23, 2007. Cash generated by the operating activities of the Company’s continuing operations and used in discontinued operations for the full 2007 fiscal year was \$13.2 million and \$(2.2) million, respectively. These adjustments were a result of the finalization of the allocation of certain balance sheet items between the Company’s continuing and discontinued operations. These adjustments have no impact on the Company’s previously reported revenue, GAAP or non-GAAP net income, GAAP or non-GAAP net income per share or cash and cash equivalents reported on August 23, 2007. For detailed fourth quarter and full 2007 fiscal year financial results, please refer to the Company’s Annual Report on Form 10-K for the year ended June 30, 2007 filed earlier today.

Business Outlook

CIMdata PLM Industry Summary

The Company is confirming the financial guidance provided in preliminary form on August 23, 2007. This guidance is provided on both a GAAP and non-GAAP basis. Non-GAAP guidance excludes the estimated charges for share-based compensation costs. Because there are significant limitations in estimating the impact of share-based compensation costs and related taxes, the tax benefits and estimated charges associated with share-based issuances are unpredictable. For these reasons, the actual impact of share-based compensation on our financial results may differ materially from the estimated amounts included in the guidance below.

The current business outlook is based on information as of September 13, 2007 and is current as of that day only. For our full fiscal 2008, year we expect revenue to grow in the range of 10% to 13% when compared to fiscal 2007. We expect EBITDA to grow in the range of 13% to 20% in fiscal 2008 when compared to fiscal 2007. We expect non-GAAP net income per diluted share of approximately \$0.94 to \$1.00, based upon an estimated 12.1 million diluted shares. Non-GAAP net income per diluted share excludes charges for share-based compensation expenses which are expected to be approximately \$1.8 million; net of related tax effects, and assumes an effective tax rate of approximately 21%. GAAP net income per diluted share for fiscal 2008 is expected to be between \$0.78 and \$0.84 based upon an estimated 12.1 million diluted shares. This GAAP estimate assumes an annual effective tax rate of approximately 25%.

Use of Non-GAAP Financial Measures

The Company has provided fiscal year 2008 guidance for non-GAAP net income, non-GAAP net income per diluted share and EBITDA as supplemental measures regarding the Company's operating performance. Non-GAAP net income and non-GAAP net income per diluted share exclude the impact of share-based compensation expense and therefore have not been calculated in accordance with GAAP. EBITDA is defined as GAAP net income from continuing operations plus any interest expense, income taxes, depreciation, amortization and share-based compensation expense less interest earned and therefore has not been calculated in accordance with GAAP. Moldflow is presenting these measures because management uses this information in evaluating the results of the Company's operations and for internal planning and forecasting purposes and believes that this information provides additional insight into our operating results, as well as enables comparison of these results to prior periods. These measures should not be considered an alternative to measurements required by GAAP, such as net income from continuing operations and net income per diluted share from continuing operations, and should not be considered a measure of our liquidity. In addition, these non-GAAP financial measures may not be comparable to similar measures reported by other companies. With respect to the non-GAAP financial measures as presented in our business outlook for fiscal 2008, the GAAP financial measures most directly comparable to each non-GAAP financial measure used or discussed in this press release and a reconciliation of the differences between each non-GAAP financial measure and the comparable GAAP financial measure can be found on the Investors page of the Moldflow Web site at <http://www.moldflow.com/stp/english/investors/index.htm>.

 [Click here to return to Contents](#)

Implementation Investments

AVEVA Enters into a Strategic Alliance With China's Largest Offshore Engineering and Construction Company

12 September 2007

CIMdata PLM Industry Summary

Leading offshore oil engineering company, CNOOC Offshore Oil Engineering Co. (COOEC), and AVEVA Group have expressed their mutual interest and entered into a Strategic Alliance to deliver an Integrated Project Execution solution for Offshore Oil & Gas industry in China.

Both companies recognise the need for closer cooperation in applying state of the art software technology to optimise the design, procurement, construction and operation of new plants; and this alliance is intended to deliver exceptional results through integration of applications, work flow and work practices. Earlier this month, both companies signed a memorandum in Tianjin, China.

Li Zhi Gang, Chief Engineer of COOEC says "After COOEC adopted AVEVA solution in 2005, through the excellent services provided by AVEVA China Plant Division, we have successfully implemented AVEVA solution in several major projects". Mr. Li continues "We are confident that COOEC and AVEVA's strategic alliance will bring engineering IT in China Offshore Oil & Gas Industry to a new era."

Peter Finch, President, AVEVA Asia Pacific says, "We are proud to announce our alliance with the leading offshore oil & gas engineering company in China - COOEC. Both companies have been very pleased with the cooperation since 2005. Combining the strength of both parties, this will be indeed a win-win for COOEC and AVEVA, also for the whole China Offshore Oil & Gas Industry."

For further information, please contact:

Youli Hooi

AVEVA Asia Pacific

Tel: +603 2176 1234

youli.hooi@aveva.com

 [Click here to return to Contents](#)

Bogota Water and Sewer Utility Selects Bentley SewerGEMS

13 September 2007

Bentley Systems, Incorporated announced that Empresa de Acueducto y Alcantarillado de Bogota ([EAAB](#)), the water and sewer utility of Colombia's capital and largest city, has selected SewerGEMS, Bentley's urban sewer modeling solution, to support the utility's sewer master plan. The plan's key goals include extending wastewater and stormwater services coverage to the entire metropolitan area of Bogota.

Commenting on the utility's decision to use SewerGEMS, Eng. Orlando Guzmán, EAAB's director of engineering services, said, "After experiencing the powerful and yet easy-to-use WaterGEMS in modeling our water distribution system for the past three years, selecting SewerGEMS to help us achieve our aggressive sewer service coverage goals was not a complicated decision. The responsiveness and professionalism of Bentley's technical support team during these years was also a key factor in our decision."

SewerGEMS is the only sewer modeling solution to include interoperability across four modeling environments: stand-alone, ArcGIS, AutoCAD, and MicroStation. This unique feature allows users to take advantage of their individual skills working in the environment with which they have experience while seamlessly sharing models and files regardless of the environment they prefer to use.

CIMdata PLM Industry Summary

Mr. Guzmán continued, “The integration of our sewer models with our GIS is extremely important to us, and our GIS specialists are already leveraging SewerGEMS’ integration with ArcGIS to quickly build and load our models with data from our GIS. But not everyone on our team is a GIS specialist, and that’s why we value so much the flexibility of Bentley’s technology that allows hydraulic engineers, urban planners, and everyone else on our team to contribute using the straightforward stand-alone interface.”

SewerGEMS will also help EAAB engineers minimize sewer overflows in the Paseo Rio Salitre environmental corridor, Latin America’s longest. It comprises 54 kilometers of channels and 228 hectares of water detention ponds that interconnect very sensitive urban watersheds in the north of Bogota.

For more information about SewerGEMS, please visit <http://www.bentley.com/en-US/Products/SewerGEMS>.

 [Click here to return to Contents](#)

Borland Helps Jacobs Vehicle Systems Improve Efficiency with Integrated and Centralized Software Change and Configuration Management

10 September 2007

Borland Software Corporation (<http://www.borland.com/>), the global leader in Open Application Lifecycle Management (ALM), announced that Jacobs Vehicle Systems has implemented Borland® StarTeam® for integrated software change and configuration management (SCCM) and centralized control of project activities and digital assets. Borland StarTeam has helped the company speed the software build process and reduce rework by greatly improving efficiency, team communication and productivity.

Jacobs Vehicle Systems is recognized as the industry leader in developing and manufacturing commercial vehicle retarding systems. With more than 40 years experience in the business, Jacobs is known for its innovative business practices and modern manufacturing methods.

In order to offer the best service to their customers as well as maintain efficiency and optimize resources within their team, Jacobs looked to automate their SCCM process, which is used to maintain a base software code line for their electronics-based products and modified software code branches for each customer specific implementation. While the company had an existing configuration management tool, it lacked integrated change management capabilities. This left development teams having to cross-reference change requests with source code manually, which was inconsistent and prone to error.

The lack of an integrated SCCM system was also slowing down the build and release process and causing large amounts of rework. There was no effective way to isolate changes, reuse existing components or merge code updates from the baseline product to the software code branches for each customer specific implementation.

The company needed to centralize control and increase project visibility and collaboration across stakeholder roles to enable engineers to concurrently make changes to code without reintroducing previously fixed defects. The company also needed to improve the effectiveness of geographically distributed development through better support and access from remote locations.

“The lack of a centralized way to manage customer change requests created a lot of rework,” said Ray Gosselin, senior software engineer at Jacobs Vehicle System. “Borland offered us the integrated change and configuration management solution that we were looking for, providing us with the ease-of-use and

flexibility we require in an SCCM solution.”

After evaluating solutions from multiple vendors, Jacobs Vehicle Systems chose to implement Borland StarTeam, a unified software change and configuration management offering and a core component of the Borland Change Management solution. Ease-of-use and low maintenance overhead were key selection criteria, as well as integrated change management.

Using the system, the team can now link change requests (CR) to source code changes, which gives the team direct visibility into all changes that go into a build. Prior to implementing Borland StarTeam, CR status was reported to customers through manually created version description documents. While these documents were accurate, they were static and aged as soon as they were created. With Borland StarTeam, the team can communicate real-time CR status to customers, which has improved customer care and loyalty. With instant, comprehensive access to change control status through custom reports generated from Borland StarTeam, change control board meetings are now well organized and productive, which helps drive better decision making.

Borland StarTeam has also helped to speed the build and release process and allowed Jacobs to optimize the resources of its team to meet customer requirements. With a centralized location for build components, Jacobs can create builds up to five times faster than with the previous system, which has greatly improved the team’s efficiency.

“There are very few software tools in this industry that work consistently and reliably,” continued Gosselin. “We are such a small group that we don’t have the time to deal with problematic tools, which was why the Borland product was such a huge relief to us. Availability and uptime isn’t a problem. Borland StarTeam allows us to focus on productivity and customer care.”

About Borland StarTeam

Borland StarTeam is a fully integrated, cost-effective software change and configuration management tool designed for both centralized and geographically distributed software development environments. Borland StarTeam is a core product component of the company’s Change Management solution, designed to allow development organizations to control, communicate and respond more effectively to rapidly changing business demands by delivering increased visibility and responsiveness, greater predictability and improved software applications and systems.

 [Click here to return to Contents](#)

Bosch Group Deploys PTC Windchill® As Global Data Management Platform

10 September 2007

[PTC](#) announced that Robert Bosch GmbH, headquartered in Stuttgart, Germany, plans to deploy Windchill PDMLink at numerous business units to improve their product development processes. In a joint project, Bosch Corporate Information Technology (CI) and PTC global services are going to implement Windchill PDMLink to better manage Pro/ENGINEER® data, which is the standard CAD/CAM/CAE solution at many Bosch business divisions. The new platform reduces the number of system configurations and harmonizes data management at the different business units. The single platform enables the reuse of data within the business units and improves collaboration as more and more product information with increasing complexity has to be managed globally. The decision to implement the PTC® Product Development System (PDS) was also driven by Bosch’s strategic requirement for a global Web-based IT architecture.

CIMdata PLM Industry Summary

Bosch Group is a leading global supplier to the automotive industry but also offers a broad portfolio of industrial technology, power tools, security solutions and household appliances in more than 140 countries. Every day, thousands of Bosch scientists, engineers and technicians around the world are involved in the development of new products and systems, as well as innovative manufacturing processes. They are also devoted to the continuous improvement of existing products. In addition, the number of approximately 3,000 applications for patents in 2006 demonstrates what a vital role research and development has within the company.

“Our corporate strategy calls for Bosch to be at the forefront of the adoption of leading technology to improve our overall business efficiency and effectiveness. Within product development, this meant finding a solution that could deliver product information and process management, automated workflow management and other important processes like change and configuration management,” said Lutz C. Napiwotzky, vice president Engineering Applications Corporate Sector Information and System Services at Bosch. “After several successful pilot projects we decided that extending our use of the PTC solutions Pro/ENGINEER and Pro/INTRALINK® by implementing a more complete Product Development System, including Windchill PDMLink, would be the best strategic move for us.”

Adopting Windchill PDMLink offers Bosch Group expanded capabilities that are better suited to a global environment: heterogeneous CAD data management, change management, configuration management, and significantly improved performance across a Wide Area Network. Realizing a single data management platform for the Pro/ENGINEER CAD authoring tool will also reduce the number of additional applications necessary. All this leads to time and cost savings and greater flexibility in support and systems administration.

“Our divisions are relatively autonomous when selecting their preferred CAD and product development tools but will benefit from a flexible solution as a division-wide standard,” explained Mr. Napiwotzky. “Based on the standardized platform every division using Pro/ENGINEER will run its own roll-out project to implement their specific configuration in accordance with their business needs.” Bosch and PTC Global Services expect that Windchill PDMLink will be deployed in all divisions using Pro/ENGINEER by 2010.

“[Bosch Group](#), as a global leader in automotive and industrial technology providing high quality products, needs efficient processes driven by an integrated Product Development System (PDS) to maintain the high level of quality while at the same time reducing costs and increasing productivity,” said Jim Heppelmann, executive vice president and chief product officer, PTC. “A growing number of our customers are realizing the benefits of adopting a faster and more efficient product development system. PDS provides access to a whole new set of capabilities with solutions such as Windchill ProjectLink™ and Arbortext®, allowing the global engineering community to focus on their core expertise.”

 [Click here to return to Contents](#)

Breuning IRCO Banks on the Flexibility of CoCreate Software's Dynamic Modeling Based Approach to Product Design

11 September 2007

CoCreate Software GmbH announced that Breuning IRCO GmbH creates and manages 3D designs for its loading systems for turning lathes exclusively with CoCreate Software products.

With CoCreate OneSpace Modeling and CoCreate OneSpace Model Manager, used for 3D CAD and

CIMdata PLM Industry Summary

data management, respectively, Breuning carries out more customer-specific development projects than ever. CoCreate partner Borgware based in Haigerloch-Owingen, Germany, implemented the 3rd generation PLM solution (3G PLM).

At its Steinenbronn site, 60 Breuning IRCO employees produce high-quality loading magazines and unloading systems for turning and milling centers. Large companies such as John Deere, Bosch-Rexroth, Festo and SMC use Breuning machines. The company's products are popular as well with smaller turning shops and contract manufacturers-anybody who wants top machine performance and minimal idle times.

Over the past few years, Breuning says it's seen demand grow for complete turning solutions: Last year alone, the company increased revenues 20% to euro 12.9 million. But sharp increases in demand can mean sharp hikes in development work for a company like Breuning; it develops 30 to 40% of its loading systems according to customer specifications.

To speed projects and simplify the reuse of existing designs from similar projects, Breuning switched to CoCreate OneSpace Modeling. The company's engineers liked the CAD system's ease of operation and the Dynamic Modeling based approach to 3D product development, which allowed them to make any change to models during the design phase and work with data from their colleagues without having to worry about the creation history.

When talking about its success, Breuning points to the importance of streamlined data management that integrates into the existing IT environment. Company designers manage and version their product data with CoCreate OneSpace Model Manager to make sure all company employees work with the most up-to-date information available.

Soon, the company will integrate OneSpace Model Manager with a newly installed Delta Business ERP system so Breuning can automatically derive the parts lists from the product structure defined in the 3D system.

Thanks to the [CoCreate](#) solution, Breuning's development cycles have noticeably shortened. Not only is design executed 70% faster, production and assembly have also accelerated thanks to a drastic reduction in the error rate.

The use of 3D CAD also speeds up the creation of technical documentation, which is indispensable when supplying machines.

"As a result of all these cost-saving factors today, we can take on more customer-specific projects and complex tasks than ever before," says Wolfgang Huslig, Sales Manager at Breuning IRCO GmbH.

 [Click here to return to Contents](#)

Catalog Data Solutions Adopted by ASK Products

12 September 2007

Catalog Data Solutions (CDS) announced that ASK Products has adopted its CAD model download solution which is now available online.

[ASK](#) Products is an Aurora, Illinois based manufacturer of power and grounding terminations. Responding to customer requests ASK Products decided to offer 3D CAD models for download from its web site. "We frequently get requests from customers for guided product selection and CAD models of our products" said Steve Kase, CEO ASK Products. "By adding the CDS Catalog/ Locator/ Configurator

CIMdata PLM Industry Summary

to our website, we are meeting those requests and we have already seen a 5 fold increase in online RFQ's."

"We are delighted to have been selected by ASK Products for our leading online solution, lead tracking system and affordable CAD services", said John Major, CEO Catalog Data Solutions, "their early success underlines how important online product selection and 3D models are as sales and marketing tools for all industrial suppliers. Studies show that over 90% of designers and engineers now use the Internet to locate components for their new designs."

[Catalog Data Solutions](#) helps industrial suppliers and distributors grow sales and strengthen customer loyalty through interactive online catalogs, ecommerce, 3D CAD model delivery and product configurator solutions.

 [Click here to return to Contents](#)

Friede & Goldman Selects AVEVA Marine

13 September 2007

AVEVA announced that Friede & Goldman (F&G) has selected AVEVA Marine. F&G will use AVEVA Marine to create intelligent 3D models of mobile offshore drilling and production units with the goal of shortening design cycle time and improving information handover and communication with clients.

"F&G's commitment to the tradition of independent offshore vessel design is what sets us apart from other design companies," commented Geoff Murphy, Marketing and Business Development Manager for Friede & Goldman. "Our design theories incorporate the needs and requirements of everyone involved from owners and operators to builders and crews. For this reason, we felt it was important to migrate our design process from a task-oriented, 2D approach to a comprehensive 3D modeling solution that would improve the quantity and quality of information available to our design team, contractors, and clients. We see AVEVA Marine as a tool that will not only make our design cycles shorter and more efficient, but also as a means of providing better information, and therefore support, to our shipyard clients. We are able to handover all of the information they need to continue into the detailed design and fabrication phase without interruption. This is a huge marketing advantage for us."

F&G selected AVEVA Marine after an evaluation of available software solutions for 3D marine design. "Information re-use is important to F&G, as new drilling unit designs are based upon, and improved upon lessons learned from the operation of earlier units," continued Mr. Murphy. "AVEVA Marine's datacentric approach will allow us to continually evolve and refine our designs without having to start from scratch on each project. Lastly, AVEVA's commitment to forward- and backward-data compatibility means that we will be able to access and use the information we need for years going forward."

"Companies like Friede & Goldman are turning to AVEVA Marine because projects can be carried out in a truly global, collaborative environment in which all participants have access to the same up-to-date accurate information," commented Rob Glasier, Executive Vice President for AVEVA and head of the Americas. "We are very pleased to have Friede & Goldman as a customer."

About Friede & Goldman

Friede & Goldman is a world leader in the design of Mobile Offshore Drilling and Production units. F&G combines over 60 years of design experience with the innovative design technology created by

today's advanced engineering staff.

 [Click here to return to Contents](#)

Hyundai Motor Company Selects MSC.Software's SimManager

10 September 2007

MSC.Software Corp. announced that the automotive manufacturer, Hyundai Motor Company, has selected MSC.Software's SimManager to manage their simulation processes and information in order to effectively reuse models, data, and expert methods.

SimManager, a component of SimEnterprise, is MSC.Software's enterprise simulation process and data management solution, and provides a systematic approach to simulation / virtual test data management and process automation. By using SimManager, Hyundai can establish an automated standard simulation and testing knowledge process that integrates in-house and legacy technology onto a common integrated environment, enabling reuse of best practices that increases the speed of analysis, the bandwidth of engineers, and saves both time and money for the company. The repository of associated simulation data facilitates a knowledge-base for full simulation audit trails.

Starting with their first implementation service, Hyundai was able to dramatically reduce time in preparing pedestrian protection analysis and achieve high improvement in efficiency of simulation data management. Based on this success the company is strongly considering expanding their simulation data management system including crash and NVH area.

"Automotive manufacturers face increasing pressures to use simulation to produce reliable performance predictions that reduce the need for physical prototypes and provide more accurate and complete results," said Bill Weyand, chief executive officer, MSC.Software Corporation. "The results achieved by SimManager not only help shorten business cycles, but increase the quality of products."

More information on SimManager can be found at <http://www.mssoftware.com/>

 [Click here to return to Contents](#)

Infor Gains Momentum in Enterprise Software Market

10 September 2007

Infor announced record annual growth, largely due to a substantial surge in demand and momentum for its business software solutions used globally by companies of all size. This growth was driven by a record number of new customers and from new solutions purchased by Infor's existing customer base.

New Customers

Infor attracted 1,700 brand new customers in the past year, driven by a strong portfolio of enterprise applications that can stand alone as best-in-class or be deployed as part of an integrated Infor solution. A cross-section of new Infor customers includes:

Groeniger & Company – This California-based distributor of utility pipes and components chose Infor ERP SX.enterprise, a business-specific solution for the distribution industry, and Infor SCM Warehouse Management to enhance visibility across its operations

International Home Products – Based in Puerto Rico, this leading distributor of premium cookware chose Infor ERP LN to replace their SAP R/3 system at multiple sites and at a sister company, Home

CIMdata PLM Industry Summary

Distillers International

Nakheel – Dubai’s premier property development company is deploying Infor EAM Enterprise Edition to manage maintenance service requests for a \$30 billion property portfolio that includes the world’s largest man-made islands

Existing Customers

Current customers are growing their businesses with Infor. Existing Infor customers accounted for more than 10,000 software licenses to add additional users, sites, and modules that will help them manage growth and increase competitiveness. In addition, more than 1,000 existing customers acquired complementary solutions from Infor. Some examples are:

Averitt Express – An existing Infor SCM Warehouse Management customer, this leading provider of freight transportation and supply chain management deployed Infor CRM Interactive Selling to drive intelligent interactions with customers

Big Bear Ltd – This food giant based in the U.K., an existing Infor EAM MP2 customer, selected Infor SCM Demand Planning Inventory Planner and Infor SCM Replenishment Planning to more efficiently monitor sales forecasts and manage inventory

Shaklee – The leader in natural and environmentally friendly consumer products in the U.S. is driving new global expansion initiatives by upgrading its current Infor ERP implementation and adding a suite of Infor SCM solutions

Product & Technology Enhancements

In the past year, Infor enriched its solutions with new functionality through nearly 100 product upgrades and feature packs. To extend solutions, Infor completed 20 product integrations, including the recent availability of SOA-enabled solutions which make deployments less cumbersome and upgrades less disruptive. Infor also made significant strides in innovative new development areas that are focused on evolving customer solutions.

Infor Open SOA – Infor announced further details and delivery on its service-oriented architecture (SOA) initiatives, including SOA-based interoperability between solutions and exciting new developments like role-based home pages

Infor ERP SL 8.0 – Formerly known as SyteLine, the latest release of this leading manufacturing solution includes SOA-based interoperability with Infor’s EAM and Supplier Relationship Management (SRM) solutions

Infor SCM Warehouse Management 9.0 – The re-architected, next generation solution breaks down the boundaries of traditional warehouse management and includes business-specific capabilities for manufacturing, distribution, logistics and retail

Infor EAM Enterprise Edition – The flagship EAM solution includes built-in functionality for fleet management, manufacturing, facilities and life sciences businesses

Over the past five years, Infor has averaged more than 100 percent compound annual growth driven by organic sources and 31 strategic acquisitions. In 2007, Infor announced two acquisitions, Workbrain and Hansen Technologies, which gives the company leading technology and domain expertise in their respective areas of workforce management and local government solutions. As with its successful integration of other acquisitions, like SSA Global, Extensity, and Datastream, Infor is demonstrating its ongoing commitment to these solutions. At Inforum, Infor announced the latest Feature Pack upgrade to

CIMdata PLM Industry Summary

its Infor HCM Workforce Management solution, acquired from Workbrain, and has made Hansen Technologies the centerpiece of a new business unit focused on local government solutions.

As part of its global business strategy, [Infor](#) is also focused on long-term growth through partnerships with other leading companies. Infor announced at Inforum a partnership with IBM Global Services through which IBM will become a worldwide reseller of Infor ERP LN, creating turnkey solutions for manufacturing clients in general discrete, electronics and electrical equipment, and transportation. The announcement builds upon Infor's existing relationship with IBM as one of the largest application solutions providers for the IBM System i platform.

 [Click here to return to Contents](#)

Infor Honors Customers for Enterprising Excellence

10 September 2007

[Infor](#) announced the winners of its first annual Enterprising Excellence Award, established to recognize customers who are using Infor solutions to become more effective competitors, expand into new markets, or enhance their operational agility. The winners were highlighted at Inforum 2007, Infor's global annual user conference, this week in Las Vegas. This year's theme, "Enterprising U," celebrates the enterprising qualities of Infor's more than 70,000 customers, how they benefit from the Infor difference, and highlights the networking and learning opportunities of the four-day event.

The seven winners were chosen from more than 60 nominations submitted from Infor employees, channel partners, and customers. Awards were distributed in categories such as, operational excellence, financial excellence, customer excellence, innovation, and enterprising customer of the year.

"These seven companies represent what it means to be enterprising: creative, agile, resourceful, focused and different," said Rick Parker, SVP of global marketing for Infor. "They are the vanguard of the strategic application of technology. Infor congratulates all of our winners and nominees for their enterprising approach to market and competitive challenges."

Operational Excellence Award Winners:

AccuSpec, recognized for the implementation of an aggressive program to enhance its competitive position. Focused on quality improvements, these initiatives included the automation of many business processes, which led to improved on-time delivery, enhanced overall quality, and reduced customer returns. Through their use of the electronics manufacturing-specific capabilities of Infor ERP SyteLine, implemented in only 10 weeks, AccuSpec improved on-time delivery to 90 percent, reduced customer returns by 85 percent, and saw an overall Return on Investment (ROI) of 400 percent.

Bentley College, selected for its deployment of Infor EAM Enterprise Edition (formerly Datastream 7i) to enhance its facilities management operations, a critical component of the college's transformation into an internationally recognized business university. As part of this program, Bentley College created new business processes to save labor costs, including Web-based work requests, automated cost reporting and dorm inspections, preventative maintenance, and more. Bentley College saw a 200 percent ROI from these new processes in their first year and reduced the time to complete work orders by 24 percent.

Silex Innovations, chosen for their implementation of Infor ERP VISUAL to support its international expansion and to establish new efficiencies in manufacturing. Implemented by Infor Channel Partner Shop9000, VISUAL helped Silex improve by eight the number of days outstanding on receivables, reduced on-hand inventory levels by 25 percent, improved on-time delivery performance to 90 percent,

doubled quotation opportunities, and enhanced customer service - all capped by a payback of less than six months.

Financial Excellence Award Winner

Jabil, recognized for its internal initiative to migrate many disparate forecasting and customer income statement reports across its 56 global locations into a Web-based reporting system. Jabil's management required increased visibility into customer data and access to reports in a timely manner to enable more strategic and effective decision making. Through Jabil's implementation of Infor PM (performance management) solutions, the company gained a comprehensive Web-based tool to make operational decisions within accelerated timeframes.

Customer Excellence Award Winner

HSBC Mexico, recognized for its use of Infor CRM Epiphany to realize its vision of becoming the best bank for customers. Through Infor CRM Epiphany, HSBC Mexico implemented inbound and outbound marketing, synchronizing their channels to achieve significant results in credit cards, personal loans, auto loans, and investments. The company has also been awarded two Gartner CRM Excellence Awards and three CRM Awards from Peppers & Rogers Group for their CRM initiative.

Innovation Excellence Award Winner

DHL, the logistics brand of Deutsche Post World Net, recognized for their Innovation Center. Recently opened (March 2007) near Cologne, Germany, this showpiece facility highlights how DHL is helping customers meet their shipping and logistics challenges. Through exhibits, kiosks, interactive games, multimedia, and other demonstrations, DHL, along with companies such as Infor and their SCM Network Design solution, has created a logistics showpiece, highlighting the technologies of today and tomorrow.

Enterprising Customer of the Year

Menlo Worldwide, recognized for its pioneering work in the development of an end-to-end supply chain and logistics management solution. Menlo Worldwide, a third party logistics provider, needed a system that enabled low-cost and flexible integration with many trading partners and allowed them to evolve away from a high-touch, high transaction environment to one requiring no human processing. Through Infor ERP LN Studio, Infor ERP Baan 5, Infor Warehouse Management Provia, and other applications, Menlo Worldwide has reduced order throughput from an average of 15-20 minutes to 3-5 minutes, while increasing customer transaction volume to nine times previous levels.

 [Click here to return to Contents](#)

Infor to Help Maple Leaf Foods Manage Global Supply Chain

11 September 2007

Infor announced Maple Leaf Foods, Inc., a leading global food processing company, has selected a suite of Infor supply chain solutions to manage the company's global supply chain. Maple Leaf Foods is extending its current investment in Infor ERP BPCS, a comprehensive ERP solution with business-specific capabilities for process manufacturing, with the addition of Infor SCM Warehouse Management, Infor SCM Transportation Management, Infor SCM Event Management and Infor Supply Chain Designer.

Maple Leaf Foods is a leading food processor of value-added fresh and further processed meat and

CIMdata PLM Industry Summary

meals and bakery products. Previously, the company had relied on 13 disparate systems to control its supply chain. With the deployment of Infor Supply Chain Management, the company will now use a single, consolidated system with visibility into exactly how much of each product is produced, how much is in inventory, and where that product is located.

“With Infor, we knew that we were not sacrificing best-in-class functionality for the convenience of standardizing on a single vendor solution suite,” said Pat Ressa, CIO, Maple Leaf Foods. “Infor has a visionary product strategy that puts our business needs first. That understanding is what makes them a long-term strategic partner, helping us achieve supply chain excellence.”

“Enterprising companies like Maple Leaf Foods recognize there is value in extending their core ERP investment with business-specific solutions that add necessary functionality,” said Andrew Kinder, director Supply Chain Management product marketing, Infor. “In this case, Maple Leaf benefits from an enhanced supply chain management solution to plan, manage and proactively identify issues in the entire supply chain process from concept to customer. This can lead to a more efficient supply chain, rapid ROI and increased customer service levels.”

Infor SCM Warehouse Management will enable Maple Leaf Foods to analyze processes and relationships beyond the traditional four walls and share real-time execution information with production, fulfillment, and logistics. Infor SCM Transportation Management strengthens the company’s ability to manage the entire shipment lifecycle, from order inception to delivery, and improve the supply chain efficiency by connecting to trading partners to provide visibility to orders, inventory and participants.

Using [Infor](#) SCM Event Management, Maple Leaf Foods will be able to sense, respond and act appropriately to ensure customers receive orders on time, in the right quantities, at the correct location and at the right price. Event Management will provide real-time, proactive exception management across the entire supply chain, while Infor SCM Planner enables Maple Leaf Foods to optimize production across its facilities and meet changing customer demands throughout its markets. The solution enables Maple Leaf Foods to manage supply chain emergencies, enabling planners and customer service representatives to quickly identify alternate plans and minimize disruption to the supply chain and delivery of products.

Infor’s Supply Chain Management solutions enable the world’s leading companies to improve their profitability, competitiveness and growth through network design, demand and supply chain planning, manufacturing optimization, warehousing, transportation management and supply chain performance management. By synchronizing cycles of demand, supply and replenishment, Infor’s solutions allow our customers to get their product to their customers quickly and cost-effectively.

About Maple Leaf Foods, Inc.

Maple Leaf Foods Inc. is a leading food processing company committed to delivering quality food products to consumers around the world. Headquartered in Toronto, the Company employs approximately 22,500 people at its operations across Canada and in the United States, the United Kingdom and Asia. The Company had sales of \$5.9 billion in 2006.

 [Click here to return to Contents](#)

Infor Supercharges ERP Implementation at Dematic

10 September 2007

CIMdata PLM Industry Summary

Infor announced that it implemented Infor ERP SL (formerly SyteLine) at Dematic Asia Pacific in only 90 days. The business-specific functionality built-in to SL enabled Dematic, a world leading supplier of integrated logistics and material handling solutions, to meet its 90-day implementation deadline with minimal disruption to business flow. SL replaced another vendor's software, saving the company AU\$500,000 per year in licensing costs and contributing to Dematic's growth strategy.

"We had a really tight window to completely re-vamp our ERP and that was an enormous commitment, on top of all our other IT and telecommunications infrastructure projects throughout the region," said Allan Davies, CIO, Dematic Asia Pacific. "And despite the time constraint, we could not compromise on quality. We needed SL to meet our business needs, not the other way around."

"We were looking down the barrel of a 250-day implementation with the other vendor but Infor had to be able to cut that time by more than 270 percent to just 90 days."

In late 2006, then-Dematic owner Siemens sold the company to Germany-based Triton. As part of this deal, Dematic was instructed to complete the separation from Siemens, including all business processes and technology infrastructure, in just 90 days.

After a review of solutions that included the other vendor's templates used in the company's European and US offices, Dematic selected SL to manage all product planning and production processes in Asia Pacific. According to Davies, "in a meeting with the Finance team and the Board, we decided that Infor had the best business fit for purpose against the other solutions." For Dematic, this came down to three criteria:

- Infor's expertise in the manufacturing industry;
- The ability to implement in just 90 days; and
- A clear demonstration of low total cost of ownership.

[Infor](#) worked with Dematic to overcome several challenges within the short timeframe. For example, the implementation involved extracting data from the previous system. Infor assisted Dematic in writing the databases needed to extract data and upload it into the solution. SL's data loading facility also contributed to the process, which was completed within two weeks. This bulk upload was "almost flawless" according to Davies.

Furthermore, Infor's business-specific functionality meant that many of Dematic's needs were already catered for by SL. For example, when the company implemented the other vendor's software under Siemens, it needed to spend time installing three separate templates for Dematic's three business focuses: products, systems and solutions. In contrast SL already includes a specific framework that caters to the business needs of Dematic.

According to James Brackenrig, Infor's Vice President and Managing Director of the Pacific region, Dematic's SL implementation represents what many customers have long been asking for: business-specific technology that is easy to deploy.

"We don't believe anyone else is providing industries with the same degree of built-in functionality as Infor," said Brackenrig. "The reality is, if we can provide more tailored technology, deployment is faster and the customer is happier in the long term. SL reflects our commitment to providing customers with the flexibility they need to run a more effective business."

Davies is currently reviewing the opportunity to use workflow within SL to automate the invoice, purchase order approval process and business intelligence functionality. Davies expects to use Infor

CIMdata PLM Industry Summary

Open SOA functionality to further enhance the system by adding Infor EAM (Enterprise Asset Management) and other capabilities in the future.

Infor ERP SL is a comprehensive solution with capabilities for Design, Sell, Plan, Source, Make, Deliver, Service and Finance functions in a Microsoft .NET technology environment. SL provides flexible functionality and efficient processes which adapt to meet the unique requirements of businesses within discrete manufacturing and ensure smooth, cost-effective process execution.

About Dematic Asia Pacific

Dematic is a world leading supplier of integrated logistics and material handling solutions. Dematic Asia Pacific stretches from Japan, Korea and China in the north of the region, down through South East Asia to Australia and New Zealand. Throughout Asia Pacific, Dematic has assisted many organisations to adopt innovative approaches to improving supply chain performance.

 [Click here to return to Contents](#)

JCPenney Selects PTC Solution for Retail, Footwear and Apparel to Enable Global Collaboration

11 September 2007

[PTC](#) announced that JCPenney, one of the nation's largest department store retailers, has selected the PTC Retail, Footwear and Apparel solution, FlexPLM™. The PTC solution will provide JCPenney with a scalable solution to manage and control its product specification, improve collaboration among its global design partners and reduce overall design and manufacturing cycle times.

As a North American-based company with suppliers and offices located around the globe, JCPenney was looking for a PLM solution to meet its robust demands for global access to product specification information. JCPenney selected PTC FlexPLM because it offered the scalability to manage the global product data of the retail giant.

FlexPLM enables organizations like JCPenney to scale product development across multiple teams located in numerous geographical locations worldwide. FlexPLM delivers an intuitive set of automated tools in a unified user environment to streamline communication, track milestones, pre-empt performance bottlenecks and provide instant visibility of product development steps.

"JCPenney selected PTC to manage and streamline our process for our home office associates, our vendors and International Buying Offices because it delivers a best-in-class technology with a proven track record of PLM success in the retail, footwear and apparel market," Jennifer Pritchard, director of cycle time reduction for JCPenney.

FlexPLM leverages the power and scalability of Windchill®, PTC's content and process management solution, to enhance the product development process by providing a single source of visibility to key product information throughout the entire process from concept development to quality assurance. FlexPLM is the only enterprise PLM solution that is web-based, fully configurable, scalable and able to manage complex workflow processes of a trend-based retail, footwear and apparel industry. The PTC solution enables global organizations to manage the interdependent relationships among product designers, material suppliers, testing service providers and other third party vendors in order to facilitate communication among the groups.

"Globalization, fast fashion and the need to reduce time between design concept and delivery to consumer are three drivers leading players in the retail, footwear and apparel industry to implement

PLM solutions," said Kathleen Mitford, vice president, vertical market strategy, PTC. "PTC solutions enable leading national and international brand retailers to carve out competitive advantage by refining PLM processes in order to drive top line revenue, increase operational efficiency and improve supply chain collaboration."

 [Click here to return to Contents](#)

Lockheed Martin Savings with Dassault Systèmes' DELMIA Give Taxpayers One 'Free' F-35 Lightning II

13 September 2007

Dassault Systèmes ([DS](#)) announced that DELMIA modeling and simulation have helped Lockheed Martin, Ft. Worth, Texas, avoid between \$75 million and \$100 million in F-35 Lightning II program costs.

Simulations are being conducted in the Ship/Air Integration Lab (SAIL) at Lockheed Martin. The estimated cost avoidance is significantly more than the anticipated full-rate production cost of one F-35 aircraft, according to Lockheed Martin officials associated with the company's F-35 Basing & Ship Suitability facility. In addition, Lockheed Martin reports an estimated 15-to-1 payback on its SAIL investment. SAIL combines virtual reality and optical motion capture to help ready the F-35 for service aboard aircraft carriers. The F-35 Lightning II is the first supersonic "stealth" strike fighter capable of evading radar detection. It is in final development and entering initial production in Fort Worth.

SAIL was developed to supplement physical mockups, and in some cases replace them. Lockheed Martin officials say it is a hard sell for them when people who have spent their lives working with physical prototypes cannot touch one. To deal with this, the company linked motion capture to the latest virtual reality technology. Aircraft carrier flight deck simulations include catapult launches, ensuring operation of the arresting cables and tailhooks during retrievals, tie-downs, mounting armaments on the aircraft, servicing weapons, and reaching access panels when aircraft tails hang off the edge of the flight deck, over the ocean.

When [DELMIA](#) simulations are conducted, engineers find out that a lot of things they recommended will work well and at times, a few are found that will not. The sooner changes are made, the less they cost, which is the justification for SAIL. SAIL's gains come from its unique ability to combine virtual reality and motion-capture into Immersive Engineering. The result is that complex engineering information is presented more understandably than ever before. SAIL simulations are lifelike, life-sized and panoramic with 3D stereographics and enhanced kinematics. Thanks to DELMIA's open-software architecture, all the SAIL software and hardware is commercially available off-the-shelf; nothing was custom-built. Integration was done with the DELMIA tools module.

 [Click here to return to Contents](#)

Mitsui Engineering & Shipbuilding Renews Commitment With AVEVA

11 September 2007

Leading Japanese engineering and shipbuilding company, Mitsui Engineering & Shipbuilding (MES) Co. Ltd. continues its commitment to AVEVA by recently investing a significant amount in AVEVA's flagship product - AVEVA PDMS.

CIMdata PLM Industry Summary

MES group's operations are diversified into eight portfolios that include environment-related recycling, IT and software services, shipbuilding, plant engineering and logistics, machinery and energy systems, making it one of Japan's largest and most successful marine engineering companies to date, since it was founded in 1917.

MES have recommitted themselves to AVEVA PDMS to help them underpin their success in the Plant Engineering Division. MES first engaged AVEVA plant engineering solutions in 2000, when AVEVA PDMS was installed at Dash Engineering, an MES subsidiary in Cebu, Philippines. Prior to 2000, AVEVA also had a long standing working relationship with MES on shipbuilding solutions.

AVEVA PDMS is an intelligent 3D plant design application used for accurate and clash-free plant design on projects of any scale. It provides the capability to check, change and share design data across the project, making the complicated design and operational processes more fluid and easier to navigate through various players.

T. Sakagawa, Director of Plant Engineering says, "We are certainly pleased to have renewed our commitment with AVEVA. Now MES can continue to look forward to the added operational efficiency and fiscal benefits of working with AVEVA PDMS - a system that we've found to make the complexities of plant design and construction so much easier to understand, monitor and manage."

AVEVA PDMS operates like a 'virtual design office'. Its high performance design tools, centralised project control and robust communications allow for effective use of capacity, wherever it exists. For MES this can only indicate a move towards optimal operational levels as the use of PDMS generates faster and more fluid communications, easier control of the design environment and more effective use of time.

Peter Finch, President of AVEVA Asia Pacific says, "MES has been working with AVEVA since 2000 and have recorded successful results using AVEVA PDMS technologies. MES is indeed a dynamic organisation and an innovative leader in the engineering and shipbuilding industry and we are proud to count them as a client. MES' superior engineering and shipbuilding know-how coupled with AVEVA's best in class solutions certainly form the basis of a model partnership, one that AVEVA hopes to continually grow and support in the future".

About Mitsui Engineering & Shipbuilding Co., Ltd.

Mitsui Engineering & Shipbuilding (MES) was established in 1917. The Group's principal activity is shipbuilding. Although one-third of its sales come from this sector, MES also makes industrial machinery (engines, boilers, gas turbines, and robotic systems) and constructs plants (for water treatment, oil refining, waste treatment facilities, refuse disposal, gas chemistry, and chemicals). The Group's other divisions build such steel structures as bridges, watergates, and penstocks, and also deal in telecommunication systems, electronic appliances, control systems, induced heaters and semiconductor production.

 [Click here to return to Contents](#)

Mora of Sweden Sharpens Product Development With SolidWorks and COSMOS

12 September 2007

Mora of Sweden is getting a handle on more ergonomic, higher performing knives used in professional kitchens, woodshops, carpentry, and the outdoors using [SolidWorks®](#) 3D CAD and [COSMOS®](#) design analysis software.

CIMdata PLM Industry Summary

With roots dating back to the 1600s, Mora knives have a global reputation for balance, durability, and precision. Based in the town of Mora, the company chose SolidWorks Office Premium to accelerate new product development, reduce costs, and improve their knives' feel in users' hands.

"We design handles that work best for those who use them for long periods of time," said Olov Larsson, Mora of Sweden's design manager. "SolidWorks gives us much better surface and freeform modeling capabilities than other products, so we're able to refine our grips based on knife function and user feedback. That's a tremendous advantage in this industry."

The company also uses COSMOSWorks® design analysis software to ensure each knife it designs will stand up to everyday use. Incorporating both design and analysis in product development has helped the company reduce expensive prototyping costs because it can ensure the designs are accurate before actual manufacturing begins.

The software's intuitive interface, coupled with SolidWorks Intelligent Feature Technology (SWIFT), helps Mora of Sweden designers who don't work with CAD every day, as well as new hires, quickly learn and master 3D product development, according to Larsson. SWIFT also helps speed design time by automating routine processes.

The company is also converting older 2D designs (that often have insufficient documentation) into 3D SolidWorks models to make it easier to improve existing product lines with accurate, up-to-date information.

"Mora of Sweden is born from a centuries-old tradition, so it certainly has a reputation of expertise to uphold," said Simon Booker, SolidWorks marketing manager, Europe. "Relying on dependable 3D CAD and design analysis software to bring better products to market faster is an investment in strengthening that reputation."

[Mora](#) of Sweden relies on authorized SolidWorks reseller [SolidEngineer AB](#) for ongoing software training, implementation, and support.

[Click here to return to Contents](#)

SAP Powers Next-Generation Fuel Manufacturers in Development of Alternative Energy Sources

12 September 2007

SAP AG announced that growing numbers of producers of biofuels and renewable energy sources have selected SAP® solutions as the platform upon which to build their IT and business process infrastructure, as they work to meet sharply escalating global demand for alternative energy sources. Companies including Agri Energy, FutureFuel Chemical Company, Imperium Renewables, Natural Fuel Limited, Riverina Biofuels and US Canadian Biofuels Inc. have selected SAP solutions, citing the undisputed leadership and expertise of SAP in process industry practices and management, accelerators for adoption and deployment, and platform flexibility to enable companies to adapt and grow amid ongoing industry transformation.

"SAP solutions were a natural selection for us as we focus on developing and delivering alternative fuel sources to a demanding global marketplace," said Jerry Goade, vice president of finance, Imperium Renewables. "SAP's dominant footprint among the world's leading chemical and oil and gas companies, coupled with the flexibility of SAP solutions to integrate with partner solutions and connect with suppliers and distributors, will enable us to focus on our mission without concern for how our IT systems will scale as growth and consolidation occur in our industry."

CIMdata PLM Industry Summary

Concerns over long-term energy independence and security, and increased demand due to the economic growth in emerging markets, are shaping regulatory policies around the world and promote the search for alternatives to petroleum-based fuels. This boom is driving research and development and yields a rapidly emerging biofuel industry on a global scale. Biofuels are alcohols and esters processed from biomass such as plants, new and waste vegetable oils, and animal waste. Biofuels are blended with petroleum-based fuels and fed into the downstream distribution process to the consumer. Owners and operators of the emerging industry value chain, including growers, harvesters, processors and distributors, are turning to SAP for proven solutions to support these processes that are rooted in the mill, chemicals, and oil and gas industries. SAP provides an IT infrastructure that enables optimized business processes, scalability for growth and ease of integration for the expected industry consolidation.

"A variety of factors are driving the development of alternative fuels," according to Cambridge Energy Research Associates in CERAWEEK 2007: Focus on Energy. "Increased demand in emerging markets, concerns about the future availability of oil supplies, consumer awareness regarding environmental impact and governmental regulations around the world are all major factors influencing the industry. These factors, coupled with the converging technological innovation in the industry, will result in a global acceptance of and demand for biofuels and renewable energy sources by 2020."

Manufacturers and distributors of biofuels and renewable energy sources are selecting industry-specific solutions according to their needs for regulatory compliance, integrated business management, manufacturing and sales and distribution processes. In particular, SAP solutions enable manufacturers to realize real-time manufacturing management to secure continuous product quality or by using environmental health and safety solutions for the responsible care of resources across the value chain, from agricultural production to secondary distribution.

"For more than 30 years, SAP has been delivering solutions that support the needs of process manufacturing companies of all industries and sizes," said Peter Maier, senior vice president, Process Industries, SAP. "SAP's reputation as the solutions provider of choice to process industries has led us to continued leadership in the emerging industry of biofuels and alternative fuel sources. Meeting the complex and varying needs of our customers is our focus, and delivering a platform that will support the growth of our customers as they deliver environmentally friendly products to the market is a source of pride for [SAP](#)."

 [Click here to return to Contents](#)

Shaklee Turns to Infor for ERP and Supply Chain Management

10 September 2007

Infor announced that Shaklee, the #1 natural nutrition company in the United States, has extended its relationship with Infor through the implementation of a suite of Infor Supply Chain Management solutions and by upgrading their current deployment of Infor ERP BPCS to Infor ERP LX. Through its partnership with Infor, Shaklee expects the solutions to help it expand into new markets and provide a greater level of support and service to its business leaders and customers throughout the world.

[Shaklee](#) is the first company in the world to be Climate Neutral™ certified to totally offset its CO2 emissions. With its mission to provide a healthier life for everyone and a better life for anyone, Shaklee sells and supplies its products through a global distributor network in six countries throughout North America and Asia. Infor's suite of supply chain solutions will provide Shaklee greater visibility and

control over its entire product pipeline.

“We needed a more flexible and robust technology to support our dramatic worldwide growth,” said Ken Harris, Shaklee’s CIO. “After an extensive competitive evaluation, we chose Infor as the best solution for our enterprise software partner. Infor’s suite of scalable supply chain solutions will provide greater visibility and control for Shaklee while enabling improved support for the growth of our distribution channel.”

Shaklee’s first implementation is scheduled to be the upgrade of Infor ERP BPCS to Infor LX in Japan. ERP LX will enable Shaklee to roll up financials into one global system, providing a more comprehensive and actionable view of the organization’s operating environment. Ultimately, Shaklee plans to deploy the entire suite of Infor SCM solutions including Warehouse Management, Advanced Planning, Planner, Scheduler, Event Management, Replenishment Planning, Demand Planning and Inventory Planner for all its operations worldwide.

“Customers are choosing Infor as their primary enterprise software provider because we can offer a full suite of business-specific solutions,” said Mike Frichol, vice president, global industry and product marketing for [Infor](#). “Shaklee is an innovative company with a tremendous vision and purpose. It’s a great example of how enterprising companies are relying on Infor for enterprise software, so that they can focus on the real reasons they are in business.”

Infor ERP LX is a comprehensive ERP solution for organizations in multi-mode manufacturing, with business-specific capabilities for food and beverage, chemicals, pharmaceuticals, biotechnology, and consumer packaged goods. ERP LX is optimized to meet the specific requirements of the process industries to deliver higher value and a faster return on investment. The solution improves planning and customer service, controls costs, enhances overall efficiency and productivity, and streamlines complex manufacturing and distribution processes.

 [Click here to return to Contents](#)

Toshiba Expands the Use of Apache’s RedHawk as Power Signoff Solution

13 September 2007

[Apache Design Solutions](#) announced that Toshiba has standardized on Apache’s RedHawk for power signoff of their 90 and 65nm designs worldwide. With the advancement of process technologies, Toshiba recognizes that power integrity is a critical requirement to their silicon success. They selected Apache’s RedHawk as their signoff solution based on its continued value over the past three years where RedHawk full-chip dynamic and static IR-drop analysis enabled Toshiba to successfully tapeout many of their ASIC and COT designs.

“Apache’s RedHawk delivers performance, accuracy, and ease-of-use required for identifying and correcting power design issues prior to tapeout,” said Tamotsu Hiwatashi, senior manager of planning department, System LSI Design Department, System LSI Division of Toshiba. “In addition, Apache’s support has been outstanding, not only in their technical expertise, but also in their responsiveness to meet our needs, which has enabled us to increase confidence in the quality of our designs.”

“As designs move towards 65nm and below, more and more companies are requiring power as one of the silicon signoff criteria,” said Dian Yang, general manager and vice president of product management at Apache. “The rapid adoption of RedHawk by leading IDM and fabless companies as their power signoff solution of choice demonstrates that it is meeting the difficult challenges of power and noise

analysis and optimization.”

 [Click here to return to Contents](#)

UGS PLM Software Technology Fuels Championship Season For Andretti Green Racing And Driver Dario Franchitti

14 September 2007

[UGS PLM Software](#), a division of Siemens Automation and Drives ([A&D](#)) announced UGS PLM Software-sponsored racing team Andretti Green Racing (AGR) – whose cars are developed with the help of UGS PLM Software technology – won the 2007 Indy Racing League® (IRL) IndyCar® Series Championship. AGR driver Dario Franchitti became only the third driver in IndyCar Series history to capture the Indianapolis 500 and the IndyCar Series championship in the same season.

Franchitti clinched the championship for AGR as he drove the Canadian Club car to victory at the PEAK Antifreeze IndyCar 300 presented by Mr. Clean at Chicagoland Speedway on Sunday. This was Franchitti’s fourth victory of the 2007 season and his first career championship.

AGR has now won three of the last four IndyCar Series championships with three different drivers, Tony Kanaan in 2004; Dan Wheldon in 2005; and Franchitti in 2007. The victory was AGR’s ninth win in 17 races of the 2007 season and it extended AGR’s IndyCar Series record to 32 victories.

“Bringing the championship back to AGR is proof of our relentless pursuit of excellence and our ability to work together effectively as a team, and UGS PLM Software is an important member of our winning team,” said Michael Andretti, CEO, Andretti Green Racing. “IRL is a very competitive league and bringing home the championship for the third time in four years is a great accomplishment. We rely on UGS PLM Software technology to help us fine tune our competitive edge and stay ahead of the competition.”

“UGS PLM Software congratulates Andretti Green Racing and Dario Franchitti on winning the 2007 IRL Championship,” said Dave Shirk, executive vice president of Global Marketing for UGS PLM Software. “We are proud of our racing heritage and pleased that our technology is helping bring home championships. The fact that UGS PLM Software sponsored race teams continue to win big is proof that our PLM technology is the best on the race track. UGS PLM Software is helping our race teams win the same way we help our customers win, by providing the best PLM technology in the market.”

Andretti Green Racing uses UGS NX™ digital product development software for all of the design and development work the company performs on its fleet of eight race cars. Although IRL rules limit the modifications a team can make to the car body and engine, engineers still have quite a bit of leeway in other areas such as the suspension. Fine-tuning these areas often means designing and fabricating new parts in the brief interval between races.

 [Click here to return to Contents](#)

U.K. Consultancy’s Wireless Lights Designed in SolidWorks Help Cyclists Keep Rolling Safely at Night

10 September 2007

Cyclists can navigate streets more safely at night using a new wireless light system designed in SolidWorks® 3D CAD software by U.K. consultancy Gavin Thomson Design Limited. Now cyclists

CIMdata PLM Industry Summary

have front and rear lights with wireless turn signals to ensure motorists see them when they're turning or heading straight.

The company was founded in 2005 in Surrey by industrial product designer Gavin Thomson, whose portfolio includes work for clients like British Airways, Ford, Samsung, and Virgin Atlantic. His consultancy helps customers around the world solve design challenges with products developed in SolidWorks. Recently introduced in stores across the country such as Halford's and Regent Red, the Bicygnals products deliver a new level of safety and confidence for those who ride at night.

The product features two sets of lights that easily detach and conveniently clip together in their own carry case. The front unit mounts on the handlebars with wrap-around lighting so motorists on the side can see the lights as well as the orange turn signals. The other unit attaches to the seat post and features red lights with orange turn signals. When the operator clicks the turn signal controls ergonomically positioned on the front unit, both the front and rear turn signals will shine.

“From an engineering perspective, this product is very complex, between the ergonomics, the sleek surfacing, the molding, and the electronics,” said Thomson. “Unlike most CAD products on the market, [SolidWorks](#) allowed us to be very inventive, very precise, and very fast at the same time. It gave us the confidence that what we were creating was accurate and ‘manufacturable.’ That’s a significant benefit when you’re designing for competitive retail markets.”

Thomson and his design team rely on SolidWorks for its streamlined design steps, including the parametric features that automate changes throughout a design. The software’s ability to handle the variety of different CAD formats the company’s partners, suppliers, and customers use ensures everyone clearly understands each design, reducing errors, and speeding time to market.

“Ingenuity requires the will to stretch the imagination, the drive to explore different options, and the confidence to execute the plan,” said Simon Booker, SolidWorks marketing manager, Europe. “Gavin Thomson Design is coming up with fresh ideas to design better products that distinguish the company from its peers.”

[Gavin Thomson Design](#) relies on authorized SolidWorks reseller [SolidEngineer](#) for ongoing software training, implementation, and support.

 [Click here to return to Contents](#)

Product News

ARC and Cadence Offer New Low-Power Design Methodology for Demanding Mobile Applications

10 September 2007

[ARC International](#) and Cadence Design Systems, Inc. announced a new automated Common Power Format (CPF)-enabled low-power reference design methodology (LP-RDM) has been implemented in ARChitect, ARC’s patented processor configuration tool. This LP-RDM together with the Cadence® Low Power Solution ensures that ARC’s new Energy PRO technology is captured in RTL and implemented consistently throughout the design flow to GDSII. Users of the reference design flow may achieve up to a four-fold reduction of IP core power. See companion ARC press release dated September 10, 2007 for more details on Energy PRO.

“ARC and Cadence have been jointly developing a reference design flow based on the SI2 industry

CIMdata PLM Industry Summary

standard Common Power Format,” said Michael Horne, group director, Industry Alliances at Cadence. “The new design flow represents the culmination of this effort. Using the Cadence Low Power Solution enabled by CPF, ARC has successfully employed a standard 90nm low-power standard cell library to perform netlist synthesis, verification, floorplanning, and routing of an ARC core to a TSMC 90nm target process. The result was a right-first-time test design that achieved its target power specifications.”

“ARC and Cadence have worked together to make great strides in achieving the lowest power in SoC designs using ARC’s configurable cores and subsystems at joint customers,” said Paul Holt, vice president, product development and services at ARC International. “The result of our experiments with the new flow shows that customers using ARC’s Energy PRO technology and employing the new LP-RDM based on Cadence technology will achieve power savings of up to four fold over conventional low-power flows of the past.”

Energy PRO in the Encounter Low-Power Flow

The ability to custom configure a processor core or subsystem using ARChitect is a fundamental advantage provided to SoC designers of ARC-based™ chips. ARC’s future products based on Energy PRO technology will extend this advantage by incorporating specific power-management features in the product. ARC will provide development tools which will recognize the power intent of the product and ensure that the hardware design achieves its optimal energy efficiency.

Cadence Low-Power Solution scripts are integrated into ARC's configuration tool in a Reference Design Flow (RDF) library. ARChitect allows the designer to implement various Energy PRO features while taking advantage of Virage Logic’s Area, Speed and Power (ASAP) Logic™ standard cell libraries and Ultra-Low-Power standard cell architecture. ARChitect then produces RTL containing the Energy PRO design intent for input to the Cadence Encounter® digital IC design platform – a key component of the Cadence Low-Power Solution. Using the industry standard SI2 Common Power Format, the Encounter platform provides RTL to netlist synthesis, verification, floor planning and routing for a TSMC 90nm process technology. Thus SoC designers can easily configure an Energy PRO processor and be assured that all its low-power capability automatically propagates through the entire Encounter flow to final layout.

Availability

The new low-power reference design methodology (LP-RDM) implemented in ARChitect is available now. For more information, contact ARC sales representatives or e-mail info@arc.com.

 [Click here to return to Contents](#)

CAD-ERP Data Integration System for Microsoft Dynamics Now Supports Autodesk Inventor 2008

12 September 2007

[Elmo Solutions](#), the leader in CAD-ERP data integration, announced Agni Link (www.elmosolutions.com/elmo_link_cad_erp_interface.html?ref=070912), its live, bidirectional CAD-ERP data integration system, is now compatible with Autodesk Inventor 2008.

Agni Link is a companion to SolidWorks, Autodesk Inventor or AutoCAD that provides real-time, bidirectional integration with Microsoft Dynamics. Agni Link is the only application of its kind that offers a unique and reliable way to unify SolidWorks, Autodesk Inventor or AutoCAD and Microsoft Dynamics databases. Every time a CAD document is saved, the user may edit data shared between CAD and Microsoft Dynamics using possible values obtained "live" from Microsoft Dynamics. Upon end-

CIMdata PLM Industry Summary

user confirmation, Bill of Materials data is updated in both the CAD document and the Microsoft Dynamics database, thus ensuring perfect synchronization of both data sets and completely eliminating redundant data entry. Agni Link can process and synchronize a wide range of Bill of Materials data from either environment, including:

- CAD Part, Component and Assembly data
- Microsoft Dynamics Production Bill of Materials (BoMs) data
- Microsoft Dynamics Routing instructions

Yielding high Return on Investment, Agni Link typically pays for itself in 60-90 days. Elmo Solutions Science Officer, Ricardo Talbot said: "We are very excited about delivering the most advanced and efficient method of sharing Inventor, SolidWorks or AutoCAD and Microsoft Dynamics product data. We are especially very happy with our ETO-intensive customers' response to Elmo's approach to CAD-ERP data integration, and we are thrilled about this new extension to Agni Link."

[Agni Link](#) is readily available from [Elmo Solutions](#). It not only addresses the needs of Inventor users, but also those of Microsoft Dynamics users, who share product data with them throughout the enterprise. Designed with the end-user in mind, the latest release introduced powerful characteristics such as a new copy and paste feature that allows extremely efficient populating of BoM data directly from the CAD environment, without having to go through the ERP application.

Agni Link's open architecture can support a wide range of ERP applications, including

Microsoft Dynamics/NAV (Navision)

Microsoft Dynamics/GP (Great Plains)

Microsoft Dynamics/AX (Axapta)

Established in 1979, [Elmo Solutions](#) is a world class leader in CAD-ERP data integration, with users in 48 countries.

 [Click here to return to Contents](#)

Cadence Accelerates Time-to-Volume for Advanced ICs with Model-Based, Variation-Aware Design Technologies; Provides 'WYDIWYG' Capability

10 September 2007

Cadence Design Systems, Inc. announced a broad set of new design products and capabilities for faster production of digital system-on-chip (SoC) designs. These new capabilities are included in advanced Cadence® SoC and custom implementation solutions that provide "what you design is what you get" (WYDIWYG) modeling and optimization for critical manufacturing variations during the design phase. This results in a manufacturing-intelligent physical implementation and signoff capability that correlates to foundry signoff.

Cadence will exhibit its 45nm design flows to leading semiconductor designers and design managers starting today at the CDNLive! Silicon Valley user conference. Production delivery is scheduled for the 7.1 release of Cadence Encounter® digital IC platform in October.

"At aggressive geometries, traditional design flows no longer provide accurate predictability, forcing designers to either guardband their designs excessively, or risk manufacturability problems," said Mike

CIMdata PLM Industry Summary

McAweeney, vice president of DFM marketing at Cadence. "By modeling key manufacturing processes within the implementation flow and optimizing early, we're reducing overall design time and improving designers' confidence that the chip will work as intended. With this approach, Cadence is providing a 'what you design is what you get' capability which brings manufacturing predictability back to the designer."

Implementation: Correct-By-Design for Advanced Silicon Geometries

A standard IC design consideration has long been manufacturing variability, which can result in both catastrophic and parametric yield failures. Traditionally, these failures were avoided through conservative "physical design rules," which prevented the implementation flow from creating any structures deemed risky. However, at advanced technology nodes of 65nm and especially at 45nm and below, the necessary "rules" are so conservative as to significantly limit IC performance and unnecessarily increase die area—and still may not avoid all problems.

With this announcement, Cadence establishes a new approach to advanced process node design which addresses this challenge by going beyond "rules" and directly modeling critical elements of the manufacturing process—lithography, chemical mechanical polishing (CMP), and random variation—and using the models to produce a DFM-correct design through a prevention, analysis and optimization sequence.

To prevent lithography violations in SoC applications, the Cadence NanoRoute® router adds new technology which avoids gross lithography errors during routing for an immediate 50-80 percent reduction in lithographic "hotspots". Cadence Encounter QRC Extraction has been enhanced to support the advanced process models for accurate statistical parasitics extraction. For custom applications, a new capability of the Cadence Virtuoso® custom design platform leverages "recommended" rules as a starting point for further analysis and optimization. Accurate lithography analysis is accomplished using the Cadence Litho Physical Analyzer, formerly known as InShape from Clear Shape Technologies and recently acquired by Cadence. Any remaining lithography hotspots are optimized using a combination of grid- and space-based methods, the latter of which enables extremely fine-grained optimization and interconnect refinement.

The end result of this approach is a design which does not require excessive lithography correction during the photomask phase manufacturing—it is essentially correct already.

CMP and random variation are managed through similar approaches, using the new Cadence's CMP Predictor analysis, and optimized through intelligent metal-fill and currently multicorner timing optimization methods.

Manufacturing Signoff: Model-Based and Statistical Timing Analysis

Cadence supports a suite of final analysis technologies that ensure the design will perform correctly after manufacturing. Critical lithography and CMP elements are analyzed using Cadence Litho Physical Analyzer and CMP Predictor. For timing analysis, a new statistical timing analysis system featured in the Cadence Encounter Timing System GXL, is being announced.

Encounter Timing System GXL offers two significant advantages over conventional multicorner timing analysis used in most 65nm design flows. First, Encounter Timing System GXL avoids the pessimism associated with "corners," many of which represent cases which are theoretically possible but increasingly unlikely—a classic non-WYDIWYG symptom. And second, Encounter Timing System GXL executes in a fraction of the time usually required (or required by alternate competitive tools) to

analyze timing on large sets of scenarios.

"Process variation is a major problem for our members doing sub-65nm designs, where today's corner-based design flows are too pessimistic leading to lower chip performance," said Nobuyuki Nishiguchi, vice president and general manager of Development Department 1 of Japan's Semiconductor Technology Academic Research Center (STARC). "We have been working with Cadence Encounter statistical timing analysis, optimization, and characterization for over a year and we are confident in its ability to deliver superb quality of results and yield improvement. Our exhaustive testing has proven that the Encounter statistical timing analysis is fast and accurate, and its seamless integration into the Encounter sign-off analysis and implementation environments makes it the most complete statistical timing technology available."

[Cadence](#) Litho Physical Analyzer, CMP Predictor, Cadence Encounter QRC Extraction and Encounter Timing System GXL are supported in leading foundry flows including the TSMC 8.0 Reference Flow.

 [Click here to return to Contents](#)

CoCreate Software Announces Support for Windows Vista; Version 15.50 of the 2007 CoCreate OneSpace Suite now available

10 September 2007

CoCreate Software, Inc. announced the release of version 15.50 of the 2007 CoCreate OneSpace Suite. The latest version of the 2007 release makes the CoCreate OneSpace Suite available on Windows Vista. Customers are now in position to transition their CoCreate product development and lifecycle management platform to the next generation of Windows operating system and take advantage of the benefits and technologies offered by Windows Vista.

"CoCreate is pleased to announce support for Windows Vista and the immediate availability of version 15.50 of the 2007 release," said William Gascoigne, CoCreate CEO. "This mid-year release continues our efforts to incorporate the latest Microsoft technologies in our 3rd generation approach to PLM for companies within the high-tech electronics and machinery industry."

Microsoft technologies are used by the CoCreate OneSpace Suite for application platform, business productivity and operating system infrastructure.

Customers can download the latest version of the 2007 release from CoCreate eSupport Marketplace: http://www.cocreate.com/esupport_mkt.cfm.

 [Click here to return to Contents](#)

CollabNet® Enterprise Edition 5.0 Strengthens ALM Capabilities for Distributed Software Development

10 September 2007

CollabNet announced the immediate availability of CollabNet Enterprise Edition 5.0 (CEE). The new version strengthens ALM features by leveraging tools used throughout the development lifecycle (IDEs such as Eclipse, software configuration management, testing platforms), integrating them more closely across development sites and making them available to any internal or external project member. Additionally, Web 2.0 features and structured collaboration tools such as email, discussion forums and

CIMdata PLM Industry Summary

Wikis have been adapted for the software development process.

CollabNet continues to drive innovation and deliver new solutions that are changing the way software is being developed today. Traditional LAN-based solutions are no longer appropriate for companies that want to compete effectively, and CollabNet's approach of combining software development tools with collaboration tools and project content editing tools into one integrated platform allows large organizations to reduce the costs of managing remote development sites, while improving and leveraging communication and collaboration between all software engineering resources. CEE 5.0 helps development organizations with globally dispersed resources to engage more closely with development partners by giving them access to internal software assets.

“We are seen as the market leader and are raising the bar by delivering the industry's leading development platforms for distributed software development. Our solutions help organizations transform from a silo-based approach to an open and collaborative development environment while reducing development infrastructure costs by up to 50 percent,” said Bill Portelli, CEO of CollabNet. “Companies that have implemented CollabNet have unlocked the benefits of collaboration across hundreds of projects, creating networked development communities where they can share ideas, knowledge and resources.”

New knowledge sharing and Application Lifecycle Management (ALM) features in CollabNet Enterprise Edition 5.0 include:

ALM templates: CEE 5.0 includes an enhanced version of the CollabNet Baseline Process template which allows project teams to rapidly start with ALM. Project managers can use the configurable template as a blueprint for artifact lifecycle management and customize it to fit their development process.

Subversion reporting: Subversion code management system reporting capabilities bring visibility into development activities on a specific project or a group of projects. Members and managers track and report on user transactions such as the number of code check-out, as well as commits and imports done over a period of time at the project level or at the platform level. It highlights the most active projects, the developers that contribute the most to any given project, and the most frequently downloaded code components.

Project-level Wiki: Enables members to collaborate on project content very easily while respecting roles and permission assigned to users. Combining Wikis with security at the project level is critical to projects utilizing external resources such as contractors, customers, or offshore teams.

Online discussion services: Integrated communication capabilities such as e-mail, mailing lists and discussion forums enable teams to leverage online communication tools. It brings visibility through project-level discussion forums and e-mail exchanges.

Web services APIs: API extension improves the integration of CollabNet with other solutions at the administration level. This supports operations for project management, such as project creation, role and permission control and the mechanisms of user membership administration and role associations.

CollabNet Enterprise Edition 5.0 is fully compatible with CollabNet's other software development lifecycle tools including CollabNet Subversion, CollabNet CUBiT and the CollabNet Desktop for Eclipse which brings all of CollabNet's products into the Eclipse environment. Enterprises and software developers can preview the platform on the CollabNet user community (<http://open.collab.net/>). Live demos of CEE 5.0 in action are available every Tuesday and as replays on the CollabNet Web site at

<http://www.collab.net/livedemo>

“CollabNet Enterprise Edition 5.0 combined with the CollabNet Desktop for Eclipse completely redefines the way development organizations should think about integrating and simplifying the set of tools they currently use,” says Richard Murray, vice president of engineering at CollabNet. “We have the only development platform on the market that brings directly to the developer desktop, in its most familiar environment, the artifact management tools needed to contribute to the ALM process and the collaboration capabilities required for rapid innovation.”

CollabNet Enterprise Edition is one of two leading software development platforms owned by CollabNet. Early this year, the company acquired SourceForge Enterprise Edition (SFEE). Through CEE and SFEE, CollabNet supports more than 350 enterprise customers with over 1.2 million users in dozens of countries worldwide. Both products are continually supported and enhanced over time.

 [Click here to return to Contents](#)

Dassault Systèmes Announces Abaqus for CATIA Version 2.5 from SIMULIA

13 September 2007

Dassault Systèmes ([DS](#)) announced that its SIMULIA brand for realistic simulation, has released Abaqus for CATIA Version 2.5.

"Abaqus for CATIA allows our design engineers to immediately evaluate how new concepts and design changes affect product performance," states Michael Thienel, MANN+HUMMEL GMBH, Filter Elements Business Unit. "This approach not only accelerates our development time, but also improves knowledge of our design's physical behavior, giving us greater confidence in our product quality during the development stage."

“Abaqus for CATIA helps us to minimize the number of software interfaces that we use during the development of our exhaust turbocharger,” states Markus Staedeli, ABB Turbo Systems Ltd. “With Abaqus for CATIA we can work seamlessly with the same geometry model throughout our virtual development process. This integrated simulation workflow provides significant efficiency gains for our company.”

The latest release, available on the latest 64-bit computing architecture as well as 32-bit systems, provides tighter integration with CATIA through support of CATIA Knowledgeware, publications, and sensors, as well as ease-of-use enhancements such as automatic contact detection.

“Abaqus for CATIA Version 2.5 addresses our customers’ requirements for tighter integration with CATIA and improved usability of advanced Abaqus features, such as contact and nonlinear analysis workflows,” states Steve Crowley, director of SIMULIA product management for Dassault Systèmes. “This release is a key component of our strategy to deliver solutions that enable design engineers and expert analysts to collaborate efficiently throughout the product lifecycle by using approved methods, common FEA models, and synchronized data.”

The new product leverages CATIA’s Knowledgeware, which allows users to capture design knowledge and reuse it as best practices to ensure compliance with established standards. The new automatic contact detection feature simplifies the modeling process and reduces potential errors by providing a wizard-based interface that guides users through setup options and automatically detects all likely contact pairs.

For more information visit: http://www.simulia.com/products/afc_v5.html

 [Click here to return to Contents](#)

Infor Announces Enhancement Roadmap for BAAN IV and BAAN 5 Customers at Inforum 2007

10 September 2007

Infor announced it will deliver new functionality to Infor ERP Baan IV and 5 customers. This move reverses the previous decision of SSA Global (acquired by Infor in August 2006) to discontinue further enhancements to Baan versions IV and 5, and firmly reinforces Infor's commitment to continue enriching its customers' solutions.

Infor ERP Baan customers now have the option to enhance their existing version of Baan or they can choose to upgrade to Infor ERP LN version 6.1, which is the latest version of Baan renamed. Customers will learn about the company's development plans for Infor ERP Baan through presentations, workshops, and interaction with Infor's senior executives at Infor's annual user conference, Inforum 2007, held this week in Las Vegas.

Future enhancements include role-based home pages, Infor Open SOA interoperability, enhanced reporting services, multi-books accounting, and other new components. Many of the enhancements are customer-driven through the "Voice to Infor" program, and will be delivered within feature packs, the first of which is scheduled for delivery in winter 2007.

"Our [Infor](#) ERP Baan customers rely on these solutions to run their business and stay competitive," said Mike Frichol, vice president of global industry and product marketing for Infor. "Infor is committed to protecting the investment these customers have already made in their solutions."

Infor ERP Baan is an integrated advanced business solution that brings together business-specific functions in a scalable, multi-language, open systems platform. Infor ERP Baan is ideal for manufacturers in industries such as automotive supply, process manufacturing, industrial equipment and machinery, high-tech and electronics, component manufacturing (discrete products), and project-based manufacturing (commercial aerospace and ship building).

 [Click here to return to Contents](#)

Infor Delivers Next Generation ERP for Discrete Manufacturers

10 September 2007

Infor unveiled the next generation of its ERP solution for discrete manufacturers, Infor ERP SL (formerly SyteLine), with enhancements that increase operational efficiency, reduce costs, improve product quality and drive new business growth. Among the most significant additions, Infor ERP SL is now Service Oriented Architecture (SOA)-enabled through Infor's Open SOA. This integration will facilitate cost-effective interoperability for manufacturers seeking to deploy additional best-in-class solutions.

Examples include SOA-enabled interoperability with Infor EAM for asset management and Infor SRM SupplyWEB for supplier collaboration, delivering manufacturers simplicity and control over the purchase order management process.

The latest version also features technology enhancements and customer-driven functionality, providing a

CIMdata PLM Industry Summary

robust, out-of-the-box ERP solution for complex manufacturing environments. These new tools include a role-based user interface, expanded multi-site capabilities for global manufacturers, and a configurator that helps streamline the production of custom orders.

“Infor ERP SL 8.0 is a major milestone in the evolution of the SyteLine product,” said Mike Frichol, vice president of global industry and product marketing for Infor. “Since Infor took ownership of the SyteLine product with the MAPICS acquisition, Infor has made major investments in this product over multiple releases. Version 8.0 provides our customers with a state-of-the-art solution for the long term.”

Infor ERP SL 8.0 includes expanded multi-site capabilities that streamline voucher processing, vendor maintenance, and centralized purchasing. The solution also includes an application-wide event modeler, which improves workflow and collaboration across the entire enterprise by providing greater insight into operational events. This allows manufacturers to make real-time decisions and mitigate common risks to ensure Sarbanes-Oxley compliance.

The new role-based user interface allows manufacturers to personalize fields specific for their location, department or responsibilities for quicker data entry and retrieval, and results in shorter training times and improved workforce productivity. Through a partnership with TDCI, Inc., Infor ERP SL now features an integrated configurator that streamlines the entire interest-to-order cycle for customized products. The BuyDesign Configurator enables manufacturers to increase revenue by reducing order processing time, costs, and errors.

[Infor](#) Open SOA enablement of EAM and SupplyWEB to Infor ERP SL provides significant cost-savings across the enterprise by offering greater flexibility in the way multiple applications can be implemented and used to support business goals. For example, discrete manufacturers can utilize SupplyWEB’s supplier collaboration functionality to comprehensively manage inventory replenishment with external suppliers. Interoperability with EAM provides a consolidated approach to maintaining an enterprise’s assets, a particularly powerful combination for managing plant and equipment in support of Lean Manufacturing and other continuous improvement programs. All three solutions create a complete, end-to-end system for managing all business processes for manufacturers, resulting in significant productivity and efficiency improvements, reduced costs, and increased competitiveness and profitability.

“Infor ERP SL exemplifies our vision of delivering business solutions that enable companies to easily assemble and modify processes in response to changing industry requirements or business needs,” said Jeff Ralyea, vice president of global product management for Infor. “The enhanced functionality in Infor ERP SL version 8.0 and access to complementary business-specific solutions provides discrete manufacturers with unparalleled business process innovation to capitalize on opportunity and capture additional market share.”

 [Click here to return to Contents](#)

Infor Delivers Service-Oriented Architecture Roadmap

10 September 2007

Infor announced the roadmap for Infor Open SOA, its service-oriented architecture (SOA) framework, to customers at its annual user conference. Customers at Inforum 2007 will receive details on Infor Open SOA including SOA-based interoperability between solutions and exciting new development projects, such as dynamic role-based home pages and SOA-based components that will evolve their Infor solutions to meet future challenges.

CIMdata PLM Industry Summary

At Inforum, the company provided customers with the latest statements of direction for Infor ERP LN, Infor ERP SL (SyteLine), Infor ERP Visual, Infor HCM Workforce Management, and other solutions. The statements of direction provide insight into SOA-enablement and other product development priorities. Inforum attendees also have access to a large number of sessions devoted specifically to SOA, ranging from business process innovation to tools and infrastructure. In individual solution sessions at Inforum, customers will get specific details on what Infor Open SOA means for their products and how they can take advantage of it to transform their business.

“Complexity is the bane of enterprise software because it leads to high costs and a loss of focus on the core business,” said Bruce Gordon, CTO at Infor. “With Infor Open SOA, we are providing both power and simplicity. We are committed to delivering innovations that can coexist and add value in the most diverse IT environments.”

Standards-based interoperability

Infor is enriching solutions through phased feature packs and incremental upgrades that are non-disruptive and provided, at no cost, to customers on a current maintenance plan. The initial phases are focused on enabling solutions to use standardized business object documents (BODs) for linking business process flows across solutions in a publish/subscribe, event-driven and decentralized framework. The framework leverages native support for the Open Applications Group Interoperability Standard (OAGiS) for document exchange via the Infor Enterprise Service Bus (ESB).

Infor Open SOA is designed to enable interoperability between Infor solutions, third-party applications and in-house innovations. Infor Open SOA-based interoperability enables customers to extend their existing solutions to address new business challenges through the rapid introduction of other best-in-class applications. Customers receive the benefits of a pre-integrated solution, but retain the flexibility to conduct independent, non-disruptive upgrades. Through Infor Open SOA interoperability, customers avoid the costly need to rebuild point-to-point integrations when business conditions require changes to IT systems.

For instance, Infor announced SOA-based interoperability between solutions such as Infor ERP SL, Infor Enterprise Asset Management Enterprise Edition and Infor SRM SupplyWEB. Through Infor Open SOA, these solutions can now be combined to create a powerful suite that gives manufacturers end-to-end capabilities for manufacturing processes, supplier collaboration, and asset tracking and maintenance.

Role-based home pages

Infor demonstrated new role-based home pages to customers at Inforum, the first generation of which are already available in Infor ERP LN. The next generation, available in mid-2008, will be dynamic and configurable Ajax-based web pages that present data from multiple systems, both Infor and non-Infor, in an easy-to-use and understand format. These role-based home pages introduce unique Web 2.0 functionality to enterprise users, including personalization and “enterprise-mashup” capabilities for visualizing data. Role-based home pages are planned for dozens of organizational roles, ranging from executive to managerial and operational levels, and are applicable to multiple product lines through Infor Open SOA.

For example, a role-based home page for the vice president of sales could include alerts on overdue contracts, a role-based list of expense reports for approval, graphs of current sales breakdowns by region, and key performance indicators for the fiscal year. Through the home page, the sales executive can drill down to the original application, such as the CRM system to view customer details on an

CIMdata PLM Industry Summary

overdue contract. These capabilities are made possible by the Infor Open SOA framework, which seamlessly ties together analytics, reports and other critical data into an intuitive user interface.

Solution evolution

Part of the vision of Infor Open SOA is the ability to evolve solutions through smaller, self-contained components that are based on native SOA technologies and interoperable by design. These components will access the collective business-specific functionality and industry experience that runs throughout all of Infor's solutions. Through Centers of Excellence, which pool the domain expertise of Infor's global development teams, the company is creating innovative components that can be leveraged across its solutions portfolio to create agile business-specific solution suites.

One example of this is multi-books accounting, a new Infor development project slated for delivery at the end of 2008. Multi-books accounting addresses the business problem faced by companies operating in global markets, who must conform to multiple accounting standards, currencies, calendars and charts of accounts. Based on intellectual property resident in Infor's leading financial solutions, multi-books enables companies to more easily comply with multiple accounting requirements and quickly respond to global regulatory demands. Deployable as a SOA component to Infor's ERP and financial solutions, multi-books can run concurrent with an existing Infor and non-Infor general ledger or as the primary accounting component for the solution.

"Enterprising companies want to maintain and build on their existing investments, but at the same time they want the freedom and ability to innovate," said Mike Frichol, vice president of industry and product marketing for Infor. "[Infor](#) Open SOA strikes that balance. It's a gradual, evolutionary path that they can travel at their own pace. Now they have a roadmap that shows the exciting future in store for our solutions."

 [Click here to return to Contents](#)

Integware Teams with Kallik to Deliver Packaging and Labeling Solutions

10 September 2007

Integware has recently teamed with [Kallik Ltd.](#) to become one of their newest resellers of packaging and labeling solutions. This partnership allows Integware to resell Kallik's hosted Artwork Management solutions out-of-the box and also provides Integware the capability to integrate Kallik's Automated Artwork solutions into the FastTrak™ solution suite on the Matrix platform.

"We are very excited to welcome [Integware](#) as part of the Kallik team. We are confident that this partnership will help both companies penetrate the regulated markets in providing Automated Artwork Solutions," Neil Gleghorn, Kallik CEO.

Kallik's product lines include several solutions that are designed for industries that have regulations around packaging and labeling requirements.

Kallik's Automated Artwork Generation (AAG) technologies are unique solutions designed to manage the artwork content and consistently use this content to provide highly automated artwork authoring, improving quality and consistency while reducing costs, cycle time and the risks associated with artwork production.

Kallik's hosted Artwork Management Solutions (AMS), provide artwork approval process management as well as file revision and storage tools, all designed to reduce costs, process and management time

associated with artwork activity.

 [Click here to return to Contents](#)

MediaTek and Apache Partner to Address 65/45nm Design Challenges

9 September 2007

[Apache Design Solutions](#) announced that MediaTek, a leading fabless semiconductor company for wireless communications and digital media solutions, has selected Apache as their EDA partner for addressing 65 and 45nm physical design challenges. The MediaTek-Apache collaboration will focus on areas of power and noise, including power signoff, advanced low power and leakage optimization, reliability methodology, thermal integrity, and IC-package noise management.

Through the MediaTek-Apache partnership, MediaTek plans to establish power and noise signoff flows for their 65/45nm high performance and low power designs based on Apache's advanced technologies, as well as existing products such as RedHawk-EV, RedHawk-ALP, PsiWinder, Sahara-PTE, and Sentinel. In addition, MediaTek and Apache will share their expertise in methodology and signoff for system-on-chip (SoC) silicon integrity.

“At 65/45nm, we are seeing numerous designs with power and noise challenges, and forging a partnership with an EDA tools provider will enable us to manage and anticipate the upcoming needs,” said MediaTek. “Our collaboration with Apache gives us access to market leading signoff technologies and in-depth technical expertise from a world-class R&D and support team, which will help us gain greater confidence in the success of our 65 and 45nm tapeouts.”

“MediaTek is one of the leading fabless semiconductor companies and we are excited to partner with them in establishing signoff methodologies for their 65 and 45nm designs,” said Dian Yang, general manager and vice president of product management of Apache. “We look forward to the technical collaboration with MediaTek and developing new solutions for our silicon integrity platform that meet their current and future needs.”

About Apache's Silicon Integrity Platform

Apache's Silicon Integrity Platform (ASIP) is a fully integrated physical design analysis, debugging, and optimization platform that consider impact of all noise sources associated with advanced nanometer designs. ASIP considers concurrent and interdependent effects of advanced nanometer phenomena such as dynamic power, leakage, crosstalk, package/system IO, temperature, and substrate noise on silicon behavior to ensure first-silicon tapeout success. This vendor neutral platform enables designers to adopt any industry standard physical design flow, while providing a unified environment of extraction, characterization, simulation, and optimization for design analysis and optimization. ASIP addresses the following critical aspects of silicon integrity signoff.

RedHawk-EV with FAO

A full-chip Vectorless Dynamic power analysis and optimization solution addressing dynamic power issues such as simultaneous switching output (SSO) for core, memory, clock, and IO, as well as effects of on-chip inductance, package RLC, and decoupling capacitance. RedHawk with FAO automatically repairs sources of supply noise and optimizes designs to minimize power and leakage, while maintaining integrity.

RedHawk-ALP

CIMdata PLM Industry Summary

A dynamic power integrity solution for ultra low power and leakage management designs utilizing advanced techniques such as MTCMOS, multi-V_{th}, LDO voltage regulators, and substrate back-biasing. RedHawk-ALP provides transient ramp-up (power-up) simulation for accurate performance vs. leakage optimization, as well as full-chip mixed-mode analysis.

PsiWinder

A clock network integrity and critical path timing sign-off solution that considers the concurrent and interdependent effects of signal integrity (crosstalk noise) and power integrity (dynamic voltage drop and ground bounce) on clock network and critical path timing.

Sahara-PTE

A fully integrated power-thermal-electrical analysis and debugging solution for SoC designs with built-in power/noise/thermal library, an incremental RLC extraction for power, noise, and temperature, and tightly coupled high-capacity, high-performance power-thermal-electrical analysis engine.

Sentinel

A combined chip-package-board power and I/O integrity solution addressing system-level power, I/O-SSO, and EMI challenges. Sentinel combines chip's core switching power delivery network, I/O sub-system, and package / PCB models in a single environment for accurate IC-package co-design from early prototyping to signoff.

 [Click here to return to Contents](#)

PTC Delivers Industry's Only Complete Out-of-the-Box Solution for Service Manuals; Complete Solution for Creating and Delivering Audience-Specific Service Information with Interactive Graphics for Manufacturing Organizations

12 September 2007

PTC announced the availability of the industry's first comprehensive out-of-the-box solution for creating, publishing and delivering technical service manuals. Built on Arbortext® dynamic publishing software, this solution enables customers to publish high-quality service manuals with embedded interactive illustrations quickly with minimal configuration. More accurate and relevant service information delivered in the format of choice can improve first-time fix rates, reduce asset downtime, and increase the profitability of the service engagement.

The PTC service manual application is an industry-first solution that has the power to transform the process of publishing service documentation to significantly improve the quality and efficiency of service organizations.

The success of any new solution hinges on an organization's capacity and commitment to using it. This is why PTC has designed implementation offerings that incorporate a pragmatic adoption approach to help overcome the typical challenges companies face when deploying new solutions. For companies managing service level agreements and looking to improve first-time fix rates or reduce asset downtime, these efficiency improvements can drive increased customer satisfaction and improved customer retention. For manufacturers servicing global customers, the PTC service manual application will reduce localization costs through the reuse of previously translated content and the elimination of unnecessary desktop publishing costs. Additionally, PTC's service manual application enforces content consistency to ensure a fully compliant process.

CIMdata PLM Industry Summary

The service manual application includes capabilities to create text and interactive graphics, collaboration, content management and configuration, and dynamic publishing. It is enabled by the latest release of the following Arbortext dynamic publishing software:

Arbortext Editor™. Combines out-of-the-box service manual-specific configuration files and authoring templates with familiar word-processing capabilities that give the user the ability to create text in reusable components that are automatically configured and formatted. Arbortext Editor enables the user to insert 2D and 3D technical illustrations and animations created with Arbortext IsoDraw . The service manual application automatically generates common service manual components, such as tables of content, lists of figures, and indexes and creates master documents from which the publishing system can produce unlimited variations of a service manual that exactly matches a product's configuration.

Arbortext Publishing Engine™. Leverages the master service manual created with Arbortext Editor and applies the service manual stylesheets to apply styling for service information types, such as procedures, diagnostics, hazard statements, and fault isolation trees and automatically publish tailored, audience-specific service manuals in multiple languages and multiple types of media. Electronic service manuals can contain interactive graphics and animations to further simplify the reader's learning process.

Arbortext IsoDraw® Lets the user create technical illustrations from scratch or by reusing three-dimensional Pro/ENGINEER or other CAD design models. Arbortext IsoDraw 7.0 maintains the link to the original CAD file to ensure the illustration or animation is automatically updated if the design changes. Arbortext IsoDraw 7.0 now supports ProductView™ formats as a basis for illustration creation.

Arbortext IsoView®. Enables viewing of interactive 2D and 3D technical illustrations and animations. This optional software is delivered as an ActiveX plug-in to document viewers and provides viewing, interaction, and redlining capabilities to illustrations and animations created with Arbortext IsoDraw and all common vector and raster image formats.

Windchill®. This optional component offers advanced content management and configuration management capabilities required for full automation of the authoring and publishing process. These capabilities include support for compound documents, automatic 'bursting' of documents into reusable components (e.g. section, figure, warning), support for review/approval workflow, version control, access control, and change management.

Multipart is a UK-based supply chain management specialist that provides its customers with a safe, secure, and intuitive method of ordering parts. "We have used Arbortext IsoDraw for some considerable time to create the technical illustrations, and Arbortext IsoView was our first choice for a web-based application to view our interactive parts illustrations," said Steve Johnson, publications manager, Multipart. "We have received positive feedback from our client base for our EPC (Electronic Parts Catalog) and Arbortext IsoView has played a major part in its success because it enables us to create an intuitive environment through the use of intelligent graphics. We look forward to continuing our work with PTC and to utilizing more of its Arbortext dynamic publishing software."

"Our strategy is to continually develop industry-transforming solutions that leverage years of manufacturing and customer experience, providing greater value with lower implementation effort and overall cost of ownership," said James Heppelmann, executive vice president and chief product officer, PTC. "This release of the service manual application demonstrates PTC's commitment and delivers enormous value in an area where companies have struggled for many years. It enables organizations to publish and deliver industry-standard manuals that accurately describe the products under service at a

fraction of the typical cost and effort.”

Arbortext Service Manual Application Availability

Built on the Arbortext dynamic publishing software, this application is now available. For more information about Arbortext products and applications, please visit the Arbortext product pages on <http://www.ptc.com/>.

 [Click here to return to Contents](#)

RCTASK to Distribute AxSTREAM™ Flow Path Design, Analysis and Optimization Software to Brazilian Turbomachinery Markets

7 September 2007

[SoftInWay](#) announced that it has signed an agreement with RCTASK in Sertãozinho, Brazil to distribute the complete line of AxSTREAM™ of Multi-disciplinary Design and Optimization software to the turbo-machinery industry in Brazil. AxSTREAM is a valuable design and analysis tool for many types of turbomachinery including steam and gas turbines, centrifugal compressors, turbochargers, industrial blowers and fans.

“Brazilian manufacturers are looking for the best way to design, simulate and analyse mechanical components and equipment,” said Antonio Pedro Lourenço, Operations Manager of RCTASK. “Currently, most companies in Brazil are dedicated to find the best tools for engineering design applications and AxSTREAM fills this need with great opportunity,” pointed Lourenço.

“RCTASK is really driven by technology, combining valuable benefits to our customers, helping to consolidate and grow their markets, promoting and supporting high quality tools that provide a true technical advantage to our partners, with proven high performance solver technology”, concluded Lourenço “AxSTREAM fits perfectly into our mission to provide and serve our customers with the finest design tools available.”

“This partnership with RCTASK will allow us to significantly grow and better serve our established and new market segments in Brazil,” stated Dr. Leonid Moroz, President of SoftInWay. “We are very pleased to be represented by RCTASK who brings a strong knowledge base of engineering software and technical support capabilities to those turbomachinery manufacturers looking to provide better equipment solutions to their customers faster.”

[RCTASK](#) will also be distributing the axial and radial educational versions of AxSTREAM™ to the engineering colleges and universities in Brazil. These educational versions allow students to learn design theory while actually creating designs using “real world” industry platforms.

 [Click here to return to Contents](#)

Rhino® and SpaceClaim Partner to Break-down Barriers between Industrial and Mechanical Design; Industrial Designers Can Now Deliver More Complete Designs

13 September 2007

Robert McNeel & Associates, Inc., a privately held company specializing in stylized surfacing software, and SpaceClaim Corp. announced interoperability between Rhinoceros and SpaceClaim, enabling product stylists to include 3D mechanical design elements in their designs and deliverables. The solution

CIMdata PLM Industry Summary

allows Rhino files to be opened directly in SpaceClaim for creating and modifying solid geometry. The 3D model can then be sent back in the Rhino file format for precise surface modifications by the industrial designer. SpaceClaim Professional 2007's intuitive 3D and Rhino's free form modeling are naturally compatible, offering uninhibited, precise modeling and a short learning curve. The solution greatly improves collaboration between design disciplines resulting in better product designs and faster time-to-market.

"Our clients use free-form modeling to create very precise surfaces that meet both aesthetic and functional requirements. One of their biggest challenges is ensuring that the fidelity of the design is maintained throughout the design and manufacturing processes. This can break down when the design is passed between product styling and product engineering" stated Bob McNeel, CEO of Robert McNeel & Associates. "When SpaceClaim demonstrated the ability to open Rhino files, add and modify design elements that conform to the surfaces, and then return the model to Rhino, I was extremely impressed."

Industrial designers must work closely with product engineering to develop stylized surfaces that also meet mechanical design requirements. This requires seamless data exchange between surfacing and design applications. Rhino and SpaceClaim integration meets that need by enabling product stylists to create free-form surfaces in context of the product design. For instance, from within SpaceClaim industrial designers can directly modify 3D geometry, such as support ribs or bosses, which conform to the stylized surfaces. Precise surface modifications can be made within Rhino and accurately transferred to the SpaceClaim model. Product engineering benefits from receiving more complete designs that require little to no surface modifications.

"SpaceClaim is committed to partnerships that address real customer needs. Rhino and SpaceClaim interoperability enables the industrial designer to collaborate more effectively with product design. By bringing in Rhino formats directly into SpaceClaim, stylists can maintain both surface and geometry precision as the design progresses" commented Mike Payne, SpaceClaim CEO. "Additionally, both companies share a dedication to open products that provide an exceptional user experience. We look forward to working with McNeel and Associates and the entire Rhino user community."

Upcoming Events and Availability

SpaceClaim (booth 3911) will both be demonstrating SpaceClaim Professional 2007 and Rhino solutions at the National Manufacturing Week, Sept 25-27, in Rosemont, IL.

To arrange for an on-site meeting at this event or to obtain more information, please go to:

<http://www.spaceclaim.com/contact-us.aspx>

Rhino integration is included at no additional cost with the 3D Data Exchange Package upgrade, schedule for November.

SpaceClaim Professional 2007 and 3D Data Exchange package are available world-wide for purchase and for download directly from the company web site, <http://www.spaceclaim.com/>.

VAR Program

SpaceClaim is extending a special invitation and incentive licensing program to Rhino value-added resellers to add SpaceClaim to their selling portfolios. If you are interested in becoming a SpaceClaim VAR please visit our website at <http://www.spaceclaim.com/> or contact the VAR manager, Jeffrey Eaton, at Jeffrey.Eaton@spaceclaim.com.

SolidCAM Releases Version R11.2

10 September 2007

SolidCAM announced the release of SolidCAM2007 R11.2.

SolidCAM 2007 R11.2 features enhancements to all areas of machining including 2.5D and 3D Milling, Automatic feature recognition and machining, Machining Processes, Turn-Mill and WireEDM. Important enhancements of the High Speed machining and simultaneous 5-axis milling modules in SolidCAM make these powerful tools even more useful for SolidCAM customers.

SolidCAM2007 R11.2 provides several new options that enable easier definition of Coordinate Systems, including the automatic generation of sketch points at the corners, in the middle of each edge, at the centers of the planes, and of the box surrounding the model and also the definition of the coordinate system with the Z-axis normal to the model view on the screen. SolidCAM also provides extended functionality of splits; by giving a name to the split it can act as a folder containing operations, fixtures, etc.

In 2.5D Milling, SolidCAM2007 R11.2 provides the ability to define an offset for the cutting depth thus enabling you to change the depth while preserving its associativity to the model. SolidCAM also provides additional functionality of the Thread Milling operation to support conical tools and to provide a standard thread table that contains the thread parameters according to ISO, Whitworth and other standards.

The latest release also includes enhancements to the powerful High Speed Machining module. With the introduction of a new option to combine two machining strategies in a single HSM operation, the HSM module becomes even more productive. SolidCAM2007 R11.2 enables you to extend the linear and radial passes tangentially to the model faces in the Linear and Radial HSM machining strategies. In addition SolidCAM provides you with a new Tangential option for the positioning of the tool relative to the boundaries of the working area.

In simultaneous 5-axes milling, SolidCAM2007 R11.2 enables you to perform separate machining of steep and shallow areas. SolidCAM also provides the functionality to limit the machining to specific model areas by defining a planar boundary that is projected on the model. SolidCAM also provides a new Spiral Cutting method that is available for use with all Pattern types, and also a number of new collision control options. In addition SolidCAM provides new functionality for simultaneous 5-axis roughing, mainly for impeller machining. When importing CAD models from other systems the direction of some of the surfaces might be reversed; SolidCAM2007 R11.2 enables you to display and edit the normals of the model surfaces during the geometry selection.

The new release also offers new updates to the WireEDM module. SolidCAM2007 R11.2 now provides users with the option of defining the start point automatically for geometries consisting of multiple chains. SolidCAM also introduces a new option that enables you to use the points of the CAD sketch to define the insertion point for the model geometry.

In SolidCAM2007 R11.2, the Automatic Hole Recognition and Machining module recognizes the color as an additional parameter of the hole feature. When you work with a solid model, where different colors were assigned to different families of similar hole features, SolidCAM AFRM enables you to use the color data to assign the machining technology.

SolidCAM 2007 R11.2 also includes updates to the machining process. A new type of machining process is now available to support mill-turn processes for your CAM-Part. SolidCAM also provides

CIMdata PLM Industry Summary

more advanced functionality for the tool number definition inside the machining process, and for the tool search during the machining process insertion.

"SolidCAM has become a major force to be reckoned with in the CAM market," said Emil Somekh, founder and managing director of SolidCAM. "The enhancements to SolidCAM 2007 R11.2 means that SolidWorks customers have access to the world's best CAM software as a part of their daily manufacturing processes. We are really quite proud of it."

SolidCAM 2007 R11.2 is now available, for more information please visit <http://www.solidcam.com/>.

 [Click here to return to Contents](#)

Synopsys HSPICE Simulator and SiSoft Quantum-SI Combine to Deliver Robust Signal Integrity Analysis Solution

12 September 2007

[Synopsys, Inc.](#) and Signal Integrity Software, Inc. (SiSoft™) jointly announced the integration of SiSoft's Quantum-SI™ tool and Synopsys' HSPICE® simulation solution to deliver timing and signal integrity analysis for package and printed circuit board (PCB) design.

SiSoft's Quantum-SI tool targets high-speed digital interface design, allowing users to rapidly achieve design closure. Quantum-SI provides an environment around HSPICE that automates the analysis of entire interfaces for both timing and signal integrity, providing accurate predictions of system-level voltage and timing margins in a fraction of the time required by traditional methods. Quantum-SI provides exhaustive pre-layout and post-layout analysis capabilities that allow designers to rapidly analyze the consequences of potential design changes and adjust the design's implementation to optimize margins. HSPICE provides fast and high-accuracy signal integrity simulation through advanced transistor, Verilog-A, IBIS, W-element and S-element modeling support. Signal integrity analysis can be a compute-intensive task, and Quantum-SI leverages computer server farms to run HSPICE's high-accuracy simulations in parallel, increasing analytical throughput.

"HSPICE is widely recognized as the preferred sign-off tool for signal integrity simulations," noted Todd Westerhoff, vice president of Software Products for SiSoft. "Quantum-SI extends HSPICE to provide a comprehensive design and analysis environment for pre- and post-route analysis that allows customers to seamlessly mix IBIS and transistor-level models. Our customers have benefited greatly from HSPICE's accuracy and scalability for detailed signal integrity and power modeling applications."

"Package and board designers appreciate HSPICE's unique ability to perform accurate signal integrity simulation from silicon-to-package-to-board-to- backplane," said Bijan Kiani, vice president of Product Marketing at Synopsys. "The integration with Quantum-SI effectively extends HSPICE to provide a comprehensive design analysis and signal integrity regression environment for today's most demanding design problems."

[SiSoft](#) and Synopsys are committed to working together to continually improve the integration between their respective toolsets.

 [Click here to return to Contents](#)

CIMdata PLM Industry Summary

Voltaire and Synopsys Introduce High-Performance Compute Solution to Reduce Cycle Time for Semiconductor Mask Manufacturing

11 September 2007

Voltaire Ltd. and [Synopsys, Inc.](#) announced they are developing a high-performance compute (HPC) cluster solution for semiconductor mask data-preparation (MDP) applications. The HPC solution, which consists of the Synopsys CATS® MDP solution running on a high-performance compute infrastructure with Voltaire InfiniBand and DataDirect Networks' storage, reduced MDP turnaround time by up to 4X compared to clusters using Gigabit Ethernet.

With advanced semiconductor design files rapidly approaching one terabyte (1TB) in size, controlling data processing efficiency and cycle time has emerged as a top challenge for the industry. The greatest impact is felt in the design data to manufacturing data translation step – also known as mask data prep. Synopsys, supplier of the industry-leading MDP solution CATS, is focused on developing new MDP solutions to help customers reduce design-to-mask data cycle time. Toward this end, Synopsys has teamed with Voltaire, other external suppliers and internal Synopsys IT resources to deliver next-generation, high-performance MDP compute solutions that are highly scalable and reliable.

Originally developed for Synopsys in-house testing and now available to customers, the new HPC solution delivers high-performance file I/O using the Lustre® parallel file system from Cluster File Systems (CFS), DataDirect Networks' S2A (Silicon Storage Appliance) and the Voltaire Grid Director™ 10 Gigabits/second InfiniBand switches, which use Mellanox Technologies' (NASDAQ: MLNX, TASE: MLNX) InfiniBand silicon solutions. Using the HPC solution, CATS has demonstrated up to a 4X improvement over Gigabit Ethernet-based solutions. In one case, a job was completed in four hours instead of the 16 hours typically required.

“We tested many different configurations to find the optimal performance for our CATS customers,” said Fabio Angelillis, vice president of engineering, Silicon Engineering Group, Synopsys. “If you use an NFS-based system with Gigabit Ethernet, for example, at a certain point you become I/O-bound and cannot extract further performance from the file system. In contrast, with a parallel file system, high-performance storage and a Voltaire InfiniBand fabric, the application benefits from the aggregate performance of multiple file servers and can scale without significant performance degradation. This HPC solution has direct applicability to our customers depending upon their needs, and we look forward to customizing a solution for them.”

“We are very pleased to innovate with Synopsys to target design cycle-time reduction for their semiconductor manufacturer customers,” said Patrick Guay, senior vice president, marketing, Voltaire. “The CATS application utilizes distributed processing that needs to stay on disk and not slow down the processor. Voltaire's InfiniBand-based switches offer high bandwidth and low latency to keep overhead away from the processor, allowing more CPUs to be used for the application.”

“Synopsys wanted to improve the storage constraints to optimize the performance of its technology-leading mask data prep application, CATS,” said Josh Goldstein, vice president of product marketing for DataDirect Networks. “We believe that the DataDirect Networks S2A storage appliance can deliver the performance, scalability and streaming for low error rate mask data preparation with CATS to this solution.”

“While process technologies continue to shrink, the CPU cycles required for EDA tools are expected to grow exponentially,” said Peter J. Braam, founder, president and CEO, Cluster File Systems. “By using the Lustre parallel file system instead of NFS, the solution offers high performance, scalable storage

CIMdata PLM Industry Summary

with groundbreaking I/O throughput to enable new efficiencies for mask data preparation and CATS.”

“We are excited to work with our partners to help bring this solution to market,” said Thad Omura, vice president of product marketing at Mellanox Technologies, the InfiniBand silicon and HCA supplier that worked with Voltaire and Synopsys to develop and tune the optimal InfiniBand configuration for the solution. “InfiniBand’s remote direct memory access (RDMA) feature that bypasses system processors during I/O and writes directly to disk is a key differentiator for this solution and brings new levels of performance to EDA tools.”

Availability

Customers interested in the new HPC solution can contact Voltaire at 1-800-865-8247 or Synopsys at 508-263-8006 for more information, including configuration, performance and support options.

BACUS

Synopsys and Voltaire will highlight the new solution at the SPIE Photomask Technology Symposium ([BACUS](#)), September 17-21, 2007, in Monterey, California.

About Voltaire

Founded in 1997, Voltaire Ltd. is headquartered in Herzeliya, Israel, and has its U.S. headquarters in Billerica, Massachusetts. Voltaire designs and develops server and storage switching and software solutions that enable high-performance grid computing within the data center. Voltaire refers to its server and storage switching and software solutions as the Voltaire Grid Backbone™. Voltaire’s products leverage InfiniBand technology and include director-class switches, multi-service switches, fixed-port configuration switches, Ethernet and Fibre Channel routers and standards-based driver and management software. Voltaire’s solutions have been sold to a wide range of end customers including governmental, research and educational organizations, as well as enterprises in the manufacturing, oil and gas, entertainment, life sciences and financial services industries.



[Click here to return to Contents](#)