

CONTENTS

Top Story	2
Siemens Closes Acquisition of UGS; Introduces Business as UGS PLM Software	2
Acquisitions	4
Bentley Acquires TDV GmbH, Leader in Analysis and Design Software for Bridges	4
CIMdata News	6
Ask the Expert: Information Recycling for Catalogs	6
CIMdata in the News: Siemens Closes Acquisition of UGS	6
CIMdata in the News: Vista Unlocks CAD Data	6
Events News	7
Dassault Systèmes Announces PLM Executive Summit 2007 in Korea	7
Delcam to Show PowerINSPECT for Renishaw's REVO™ at Control	8
EDA Consortium Panel: "What Customers Want for Hardware-Software Co-Design Tools"	8
ENOVIA MatrixOne Debuts Adobe Illustrator Integration at Apparel Industry Tradeshow	9
44th Design Automation Conference to Offer Six Hands-on-Tutorials on DFM	11
Geomagic Qualify 10 to Debut at Control Show	12
Gerber Technology Highlights "Tomorrow's Vision. Today's Reality." at SPESA Expo 2007	13
Keynote Speakers at PDT Europe 2007 to Address PLM – the Big Picture	16
New VX CAD/CAM V13 to be Previewed at International Distributor Conference	16
NX 5 CAD/CAM/CAE Software from UGS Provides "Greater Powers" to the Manufacturing Industry in Mexico	17
OptiTex to Showcase Full Spectrum of Latest Technologies and Innovations at SPESA 2007	18
RAND Worldwide Announces "Delivering on the Promise of PLM" Series	19
Record Number of EMC Customers and Partners Set for EMC World 2007	19
think3 in the Limelight at the Haifa Italo-Israeli Conference on 'Shape Modeling and Reasoning'	21
Financial News	21
Aspen Technology Announces Financial Results for Third-Quarter Fiscal Year 2007	21
Avatech Solutions to Report Third Quarter 2007 Results and Hold Conference Call on May 15	23
CENIT's Highly Successful Start in 2007	23
Mastercam Reports Record Sales Quarter	25
Moldflow Announces Revised Corporate Strategy with Focus on Design Analysis Solutions Software Business - Reports Solid Third Quarter Results from Continuing Operations	25
MSC.Software Reports Financial Results for the First Quarter Ended March 31, 2007	28
SAP NetWeaver® Fund Makes Strategic Investment in Conformia	30
Implementation Investments	31
ASCON Awarded the Winners of KOMPAS-3D Modelling Contest 2007	31
Germany's BSH Selects Altair's Advanced HyperWorks CAE Suite to Enhance Its Product Development Process	33
GM and PATAC Join EDS, Sun Microsystems and UGS PLM Software for Establishment of PACE Center at Tongji University	34
HUMAX Selects Windchill® to Improve Product Development and Manufacturing of Digital Broadcasting Equipment	36
OMRON Corporation Expands Use of Moldflow Plastics Insight	36
Optichron Tapes Out Breakthrough DSP Device Using Cadence Encounter Timing System	37
Reitmans Selects PTC® Retail, Footwear and Apparel Solution for Global PLM Initiative	38
RÜCKER-POLSKA Chooses Moldflow Plastics Insight	39

CIMdata PLM Industry Summary

Skidmore, Owings & Merrill's Structural Engineering Group Chooses Altair Engineering's HyperWorks OptiStruct Software for Structural Development	40
SolidWorks and COSMOS Software Help ORBIS Stretch the Boundaries of Plastic Design	41
Thailand's Largest Manufacturer of Household and Industrial Products Purchases Moldflow Plastics Insight	42
Tsinghua University Implements 500 seats of SolidWorks Software to Help Expand China's Base of Mechanical Design Skills	43
UMBRO Deploys PTC Solution for Retail, Footwear and Apparel To Shorten Lead Times and Reduce Development Costs	44
"White Collar" Design Studio Chooses OptiTex Software to Manage Its Design Processes	45

Product News **46**

Catalog Data Solutions New Online Catalog Search Increases Design Productivity	46
Dassault Systèmes Delivers PLM SOA Enterprise Middleware with ENOVIA MatrixOne	47
Dassault Systèmes Announces Full Access to ENOVIA MatrixOne's Business Process Capabilities for all CATIA/ENOVIA VPLM Users	48
Delcam Launches New Versions of PartMaker and SwissCAM	49
DesignAdvance Boosts PCB Design Automation with CircuitSpace v2.1	50
Freeborders Announces Release of Quad PLM	51
Geometric Releases Feature Recognition Version 15.5	52
Gerber Technology Introduces AccuScan Automated High-Speed Digitizing System	53
Informative Graphics Releases Brava! Enterprise 5.2 Java Version	54
Mentor Graphics Announces Synthesis Support for New Altera Arria GX FPGA Family	54
Mentor Graphics Delivers Enhanced 0-In Clock Domain Crossing and Formal Verification Technology	55
RuleStream Expands to Gold-Tier Member of PTC Partner Advantage™ Program	56
Synopsys Design Compiler Topographical Technology Adopted by IBM to Accelerate ASIC Designs for Customers	56
T-FLEX CAD Adds SolidWorks, Solid Edge, Inventor and Rhino Translators	57

Top Story

Siemens Closes Acquisition of UGS; Introduces Business as UGS PLM Software

7 May 2007

UGS Corp. announced the close of its acquisition by Siemens AG effective May 4. As a result, the business will go to market as UGS PLM Software, a global division of the Siemens Automation and Drives (A&D) Group.

The companies announced on January 25 a definitive agreement for Siemens AG to acquire UGS for US\$3.5 billion, including assumption of existing debt. Most recently, the European Commission announced on April 27 that it had approved the planned acquisition of UGS by Siemens AG, thus completing the standard anti-trust reviews of the transaction.

"This is a great day for UGS PLM Software on the heels of an outstanding first quarter. While we are still finalizing our numbers, we had a very strong quarter in Q1, coming in near 11 percent on total revenue growth and 16 percent on software license growth," said Tony Affuso, chairman and CEO of UGS PLM Software.

"Now the acquisition enables the company and its people to leverage a powerful and respected global organization like Siemens in strengthening our technology leadership in PLM," Affuso said. "The acquisition also clearly sets a new agenda for the entire PLM industry. Customers across manufacturing

and process industries will now be able to benefit from the integration of the physical world, through Siemens' leading automation design and production technology, and the virtual world, through UGS PLM Software's leading factory design, product design and digital collaboration software."

Expanded Management Team

UGS PLM Software also today announced the additions of two senior leaders from Siemens – each of whom is relocating to UGS PLM Software's global division headquarters in Plano, Texas -- to its management team:

Tilo Brandis, president. Brandis, who has served as chief integration officer of the integration of UGS PLM Software into Siemens A&D, comes to UGS PLM Software from Siemens' Electronics Assembly Systems (EA) division, which he has headed since 2003. Brandis previously served in a variety of posts within the Siemens Transportation Systems group, including head of the global mass transit systems in Braunschweig, and the Siemens Logistics and Assembly Systems group. Prior to joining Siemens in 1997, Brandis served as CEO of HBS Consulting Partners GmbH in Prague.

Peter Bichara, executive vice president and chief financial officer (CFO). Bichara most recently served as vice president of Mergers and Acquisitions for Siemens A&D including directing A&D's acquisition, divestiture and strategic project programs. Before joining Siemens in 2004, he was vice president of strategy and then chief executive officer of one of Bertelsmann AG's operating companies. Earlier in this career, Bichara worked for the Boston Consulting Group as a management consultant in the company's Düsseldorf and Los Angeles offices. Bichara succeeds Doug Barnett, who has agreed to stay with the company for six months to facilitate the integration process.

In addition, UGS PLM Software today announced the appointment of Rose Marie Glazer as general counsel and secretary. Prior to joining UGS in 2004 as associate general counsel, Glazer served as vice president and general counsel of Telvista, Inc. She was also in-house counsel at American Airlines and an attorney in the Dallas office of the law firm Jones Day. She succeeds Tom Lemberg, who has decided, in light of the acquisition, to leave UGS PLM Software.

The majority of the current UGS PLM Software management team remains in place. The following members of the leadership team will continue to serve in their current roles and manage UGS' current operating model: John Graham, executive vice president, Global Sales and Services; Chuck Grindstaff, executive vice president, Products; Dave Shirk, executive vice president, Global Marketing; Craig Berry, senior vice president, chief information officer; Dan Malliet, senior vice president, Human Resources; and Mike Sayen, vice president, Strategy.

"I am very pleased that highly talented leaders from Siemens like Tilo and Peter, each of whom has a strong engineering and automation background, are joining our management team in Texas, as well as with the high level of continuity we enjoy with our leadership," Affuso said. "We have been working closely together over the past several months on the integration process, and it is clear that there is great advantage in combining their operational experience and knowledge of the Siemens enterprise with the

considerable skills and resources of our team as we all drive toward even greater leadership in the PLM market in the future.”

For more information on UGS PLM Software products and services, visit <http://www.siemens.com/ugs>.

About Siemens Automation and Drives

The Siemens Automation and Drives Group (A&D), Nuremberg, Germany, is the leading manufacturer in this field worldwide. Products supplied by A&D include standard products for the manufacturing and process industries and for the electrical installation industry as well as system solutions, for example for machine tools, and solutions for whole industries such as the automation of entire automobile factories or chemical plants. Supplementing this range of products and services, A&D also offers software for linking production and management (horizontal and vertical IT integration) and for optimizing production processes. A&D employs 70,600 people worldwide and in fiscal year 2006 (to September 30) earned a group profit of \$1.572 billion on sales of \$12.848 billion and orders of \$14.108 billion, according to U.S. GAAP. Further information about A&D is available in the Internet at <http://www.siemens.com/automation>.

 [Click here to return to Contents](#)

Acquisitions

Bentley Acquires TDV GmbH, Leader in Analysis and Design Software for Bridges

9 May 2007

[Bentley Systems, Incorporated](#) announced that it has acquired TDV GmbH of Austria, a leading provider of structural modeling, analysis, and design software for bridge engineering serving engineers, designers, and owners since 1970.

TDV's RM 2006 product for static and dynamic design and analysis of steel, concrete, and composite structures is used by hundreds of bridge design firms worldwide. The software is applicable to the design of virtually all bridge types – from simple segmented bridges to complex cable-stayed and suspension bridges to long crossings – and has been proven on thousands of projects. A number of these bridges have achieved historic milestones and are, or will soon become, global landmarks. Examples include:

- Stonecutters Bridge in Hong Kong, which has a main span of 1018 meters, making it the first cable-stayed bridge ever designed with a main span longer than 1000 meters
- The 8206-kilometer-long Sutong Bridge in China, which will cross the Yangze River and include a multi-span cable-stayed section with a world-record-setting longest span of 1088 meters

CIMdata PLM Industry Summary

- Hardanger Bridge in Norway, a suspension bridge that will have a main span of approximately 1310 meters
- The new Woodrow Wilson Bridge in the United States, which will consist of two side-by-side bascule bridges each 1852 meters in length

“This acquisition exemplifies Bentley's strategic focus on providing comprehensive software solutions for infrastructure projects,” said Bhupinder Singh, senior vice president, Bentley Software. “RM 2006 adds sophisticated, advanced structural analysis capabilities to Bentley's market-leading structural design solutions, including our RAM and STAAD product lines, and expands our transportation design portfolio to encompass all elements of a roadway or rail design project.”

By integrating the capabilities of RM 2006 with those of Bentley's recently acquired BridgeKey software for load analysis rating and heavy-load permitting on existing bridges, as well as its GEOPAK Bridge, InRoads Bridge, Bentley Rebar, Bentley PowerRebar, and other products, Bentley now provides an end-to-end bridge design and management solution. This opens the door to streamlined workflows and significant productivity improvements for organizations in the roadway and bridge sectors.

RM 2006 provides built-in time dimension, parametric geometry definition, and integrated tendon design, allowing sophisticated calculation of time-dependent properties for all bridge types and construction sequences. In addition, it supports design to a full array of international design codes, including AASHTO Load and Resistance Factor Design (LRFD) Bridge Specifications, and offers sophisticated linear and nonlinear analysis options. These options include segmental construction loading, stage construction and erection control, stochastic wind event design, computational fluid dynamics (CFD), wind tunnel simulation, and more.

Said Singh, “With the software's advanced parametric modeling and construction sequence-based analysis, bridge designers will be able to model and analyze every stage of the bridge construction project. In addition to staged construction analysis, the design team can now consider dynamic load conditions from wind, water, and high-speed trains.”

Said Dorian Janjic, former managing director of TDV and now vice president of Bentley Software's bridge engineering group, “On behalf of all of my colleagues at TDV, I want to say how pleased we are to be joining the Bentley team. Bentley's comprehensive portfolio of fully integrated road and railway software, coupled with its global reach, will enable us to offer our users more complete and scalable solutions that will lead to even greater success on their projects.”

For more information about Bentley's TDV line of solutions and services, go to <http://www.tdv.at/wse/index.htm>.

 [Click here to return to Contents](#)

CIMdata News

Ask the Expert: Information Recycling for Catalogs

May 2007

In the [Ask the Expert](#) column in Managing Automation, CIMdata's Director of Research, Ken Amann, answers this question about information recycling for catalogs:

Question: Several PLM suppliers highlight the reuse potential of manufacturing information. Have you seen any case of manufacturing information reuse for preparation of customer manuals?

Answer: Manufacturing information can be reused for customer manuals primarily for service and maintenance. For example, manufacturing information includes how a product will be assembled. That information can be used to define how a customer or service person would disassemble a section of the product in order to perform both routine and unexpected service or repair on a product. It can also be used to define the parts needed for service or maintenance.

 [Click here to return to Contents](#)

CIMdata in the News: Siemens Closes Acquisition of UGS

7 May 2007

In a [Managing Automation](#) article Beth Stackpole discusses the acquisition of UGS by Siemens and states that "Observers remain bullish on the merger, saying the impact of an industry giant leading the push to integrate the design and automation worlds is critical for manufacturers."

In this article CIMdata's Ed Miller notes: "This step has to happen," said Ed Miller, CEO of CIMdata Inc., a market research firm focused on CAD and PLM. "This is the delivery of computer-integrated manufacturing as we talked about it 30 years ago. And this will create competitive pressure on other PLM and automation vendors to make that work better as well."

To read the full article please access, [Siemens Closes Acquisition of UGS](#), (Managing Automation, May 7, 2007), By Beth Stackpole, and Contributing Editor.

 [Click here to return to Contents](#)

CIMdata in the News: Vista Unlocks CAD Data

19 March 2007

The "Vista Unlocks CAD Data" article in Design News discusses the recent flurry of activity among CAD vendors to leverage Microsoft Corp.'s new [Vista operating system](#) and [Office 7 productivity suite](#)

“They see this platform as a way to proliferate 3D design data to mainstream users who are integral to the product development process, but not necessarily part of the traditional engineering and design organization.” Included in the article are the views of several PLM software vendors as well as this comment by our Director of Research:

“The whole process of collaboration and sharing design work with other partners or parts of the business is being seen today by engineering as more of the way to do business rather than being viewed as a danger,” says Ken Amann, director of research for CIMdata Inc., an Ann Arbor, MI, consulting firm specializing in the CAD and design market.

To read the full article, please visit [Vista Unlocks CAD Data](#), (Design News, March 19, 2007), Beth Stackpole, Contributing Editor and Regina Lynch, Web Editor.

 [Click here to return to Contents](#)

Events News

Dassault Systèmes Announces PLM Executive Summit 2007 in Korea

3 May 2007

Dassault Systèmes (DS) that it will hold its “2007 PLM Executive Summit” in Seoul on May 23rd, at the Marriot Hotel. “Accelerating & Expanding Business Value” is the main theme of the 2007 Executive PLM Summit.

This is DS's first PLM Executive Summit in Korea and will address more efficient ways for large companies, manufacturers and SMBs to deploy and leverage PLM solutions. Customer case studies and speeches from global partners, including HP and Microsoft will all be part of the agenda.

“PLM is a strategic solution that improves quality, pricing and time-to-market capabilities for manufacturers, thus allowing them to sharpen their global competitive edge,” says Bernard Charles, CEO of Dassault Systemes. “This summit will promote information sharing among industry leaders, as they increasingly seek to maximize their business value with PLM strategies.” DS will address topics such as business trends in the global PLM market and will explain how manufacturers in and outside the country have benefited from PLM deployments. Airbus and local manufacturers will share their success stories.

“Enterprise customers now respond to fast-changing market conditions by reinforcing core capabilities and outsourcing business. PLM serves as a key solution used to minimize risk in this environment,” said Samson Khaou, CEO of Dassault Systèmes, Korea. “Interest in PLM has been growing fast among local customers, especially since the launch of a PLM consortium in Korea late last year. DS helps customers sharpen competitive edge by leveraging its best practices across 11 industries.”

DS, with 25% of the global PLM market last year, has seen 40% growth in Korea and has signed up 14 local partners as resellers, as a part of a broad sales and marketing drive targeting emerging markets. The company is seeking to help customers move to the next level of process innovation and growth by accommodating customers' needs in product development and technology support.

To take part in DS's PLM Executive Summit 2007, attendees need to register in advance, as the event is for confirmed guests only. For more information and any inquiries, please call 02-531-9621 or e-mail regi@plmsummit.co.kr.

 [Click here to return to Contents](#)

Delcam to Show PowerINSPECT for Renishaw's REVO™ at Control

4 May 2007

Delcam will preview a special version of its PowerINSPECT inspection software for Renishaw's new REVO™ measuring head and probe system at the [Control](#) exhibition to be held in Sinsheim, Germany, from 8th to 11th May. The new version of PowerINSPECT is currently under development, with a full release planned for at the EMO exhibition in September.

REVO™ uses five-axis scanning technology to maximise CMM throughput whilst maintaining high system accuracy. Unlike conventional scanning methods, which rely on speeding up the motion of the CMM's three axes in order to scan quickly, REVO™ uses synchronised motion and five-axis software to minimise the dynamic errors of CMM motion at ultra-high scanning speeds. Renishaw claims that high accuracy inspection is now made possible at up to 500 mm/s scanning speed.

The combination of PowerINSPECT and REVO™ is expected to give most benefit when it is used to measure complex shapes generated by five-axis machining. Typical examples include inspection of turbine blades and measurement of engine ports.

 [Click here to return to Contents](#)

EDA Consortium Panel: "What Customers Want for Hardware-Software Co-Design Tools"

7 May 2007

The Electronic Design Automation ([EDA](#)) Consortium Emerging Companies Committee is hosting a panel at Cadence Design Systems in Chelmsford, MA entitled: "What Customers Want for Hardware-Software Co-Design Tools." Panelists will present their current methodologies and suggest ideas for improving hardware-software co-design tools to help address upcoming challenges. The panel is moderated by Rich McAndrew, President of Siliance, Inc.

Panelists include:

CIMdata PLM Industry Summary

- Bob Supnik, VP of Engineering, SiCortex: Developing high performance/low power multiprocessor chip set
- Vlad Kheyfets, Principal Engineer, Teradyne: SystemC modeling architect
- Sreeni Rao, Senior Manager, Analog Devices: Specializes in chip level and software integration for complex chips for hand-held devices and cell phones
- Ian Kersley, President of IPK Consulting: SystemC Expert

The event details are as follows:

When: May 10, 2007

Where: Cadence Design Systems

270 Billerica Road

Chelmsford, MA

Agenda: Reception 6 PM

Panel 7 PM

Q&A (30 Min.) 8 PM

Cost: No charge

Sponsors: EDA Consortium and Cadence Design Systems

Please reserve your seat by registering online at:

http://www.edac.org/invites/east_coast_meeting_07.htm.

 [Click here to return to Contents](#)

ENOVIA MatrixOne Debuts Adobe Illustrator Integration at Apparel Industry Tradeshow

8 May 2007

Dassault Systèmes announced an integration between its ENOVIA MatrixOne collaborative business process solution and Adobe® Illustrator®. The integration with Adobe Illustrator will help companies in

CIMdata PLM Industry Summary

a variety of industries manage creative product ideas from conception to new product introduction. ENOVIA MatrixOne is showcasing its solutions for the apparel and retail industry, including the Accelerator for Apparel Design and Development™, this week in Miami Beach, Florida at Material World. The integration between ENOVIA MatrixOne and Adobe Illustrator will enable a more rapid adoption and intuitive usage of PLM by design teams, allowing end-users to create, retrieve, edit and share product artwork while working in the familiar Adobe interface. This integration incorporates ENOVIA MatrixOne's collaborative business process capabilities into apparel designers' most often used desktop application without disrupting their work routines.

"Our goal is to enable customers to deploy PLM as easily as possible, and to make the PLM workflow mirror users' current habits, so they can quickly begin using ENOVIA MatrixOne to collaborate with product managers, designers and partners," said Kurt Andersen, vice president of industry solutions for Dassault Systèmes' ENOVIA brand. "This integration allows end users to retain their ability to be creative while simultaneously facilitating enterprise-wide collaboration on that creative design."

- The ENOVIA MatrixOne Adobe Illustrator integration will improve efficiency and productivity by allowing users to:
- Apply enterprise-level data sharing and security without disrupting established end-user work procedures;
- Easily save, browse and navigate product content organized in plans, projects, workspaces, libraries, collections and other object types directly from the Adobe Illustrator application;
- Securely distribute product content and generate multiple product views automatically when saving to the PLM data repository. By using the ENOVIA MatrixOne PLM environment and applications to control access to product content, individuals will have visibility and editing privileges for only the proper information at the appropriate time in the development process; and
- Promote company standards with document templates. Organizations can save and access enterprise Adobe Illustrator templates within their ENOVIA MatrixOne environment to create new content based on company standards.

Initial release of the ENOVIA MatrixOne Adobe Illustrator Integration is scheduled for June 2007.

ENOVIA MatrixOne will demonstrate its PLM solutions for the apparel industry at [Material World](#) booth #1612. In addition, Tamara Saucier, ENOVIA MatrixOne's director, Industry Strategy - Retail Solutions, will be speaking at Material World about "PLM's Role In Promoting Design Creativity," on Wednesday, May 9, 2007, 12:15pm - 1pm, room C127.

 [Click here to return to Contents](#)

44th Design Automation Conference to Offer Six Hands-on-Tutorials on DFM

10 May 2007

The Design Automation Conference ([DAC](#)) will offer six Hands-on-Tutorials on design-for-manufacturing (DFM), throughout the conference, to be held June 4 - 8 at the San Diego Convention Center in San Diego, Calif. The tutorials will provide design engineers valuable, in-depth, technical training on various aspects of DFM, one of today's most challenging design areas.

The registration fee for the tutorials is \$75 per tutorial and includes hands-on computer training, coffee breaks and tutorial notes. Attendees can register for the conference, including these tutorials, online at the DAC Web site <http://www.dac.com/44th/reg.html> or at the conference. Attendees may register for tutorials up to the start of the events but space is limited to the first 30 people.

Hands-on-Tutorials:

Standard Cell Library and Hard IP Design

Monday, June 4, 2007 from 9 a.m. to 12 p.m. in Room 11A

This tutorial, presented by Blaze DFM, Inc., Ponte Solutions, Inc. and Sagantec Solutions, Inc., addresses the designing of standard cells and other hard IP to minimize manufacturing issues. Tutorial participants will learn how critical area analysis (CAA) and lithography simulation are used in concert with layout optimization to identify and repair weak spots in the layout that can harm yield.

Design for Manufacturing Variability with Confidence

Monday, June 4, 2007 from 2 to 5 p.m. in Room 11A

In this tutorial presented by Clear Shape Technologies, Inc., Cadence Design Systems, Inc., Texas Instruments Inc. and United Microelectronics Corp., technology leaders in chip design, semiconductor manufacturing, physical implementation and DFM analysis will discuss the intricacies of dealing with systematic variations and deliver a practical solution to the variability challenge with sub-90 nm technologies.

Deploying Statistical Timing -- from Characterization to Analysis and Optimization

Tuesday, June 5, 2007 from 2 to 5 p.m. in Room 11A

Presented by Altos Design Automation and Cadence Design Systems, Inc., this tutorial will contrast the results of performing analysis and optimization using both traditional corner-based static timing analysis (STA), and statistical static timing analysis (SSTA) on a given design to provide practical experience of the complete SSTA design methodology and a detailed understanding of its key advantages.

Approaching Yield in the Nanometer Age: The Framework for an Extensible DFM Methodology

Wednesday, June 6, 2007 from 9 a.m. to 12 p.m. in Room 11A

This tutorial, presented by Mentor Graphics Corp., Chartered Semiconductor Manufacturing, Sierra Design Automation, Inc. and ARM Ltd., will go into detail on the technical challenges and solutions required for DFM in the nanometer era, looking at both the business and historical context of the IC design and manufacturing process.

Manufacturing Aware Optimization

Wednesday, June 6, 2007 from 2 to 5 p.m. in Room 11A

This hands-on tutorial presented by Blaze DFM, Inc. and Taiwan Semiconductor Manufacturing Company, Ltd. will address the topic of manufacturing variations and their impact on the design flow. It covers approaches for modeling and predicting manufacturing variations, and using the predicted manufacturing variation data to optimize designs using novel electrical DFM techniques.

Timing Closure: Requirements for Variation Aware Design

Thursday, June 7, 2007 from 9 a.m. to 12 p.m. in Room 11A

In this tutorial, presented by Extreme DA Corp., Texas Instruments Inc., PDF Solutions and United Microelectronics Corp., the audience will be introduced to the components of a next-generation timing analysis methodology. Practical examples will be given, starting with front-end and back-end process characterization that captures variability statistics of systematic and random variations and experiences from foundry, IDM, and EDA perspectives will be included.

 [Click here to return to Contents](#)

Geomagic Qualify 10 to Debut at Control Show

7 May 2007

Geomagic will preview Geomagic Qualify 10, new computer-aided inspection software for users of multi-sensor metrology systems, at the [Control](#) international trade fair in Sinsheim, Germany. Geomagic is exhibiting in Hall 3, Stand 3309.

[Geomagic](#) Qualify 10 streamlines workflow, improves alignment accuracy, and provides comprehensive inspection coverage for users who want to take advantage of the combined strengths of 3D scanners and hard probes. A single interface enables users to perform a complete inspection of every type of shape and feature that characterizes an object, saving time and increasing inspection accuracy.

New capabilities in Geomagic Qualify 10 enable hard-probe users to detect and inspect 3D prismatic features such as points, holes, slots, cones, cylinders, planes and spheres. The software automates feature creation and tasks such as calculating size, analyzing fit, comparing 2D and 3D features, and measuring point-to-point and feature-to-feature distances and angles.

The new hard probing and 3D feature capabilities in Geomagic Qualify 10 are fully integrated with functions such as alignment, GD&T, and 2D and 3D dimensioning that are popular with users of 3D scanning systems that generate dense point clouds.

“Geomagic Qualify 10 will allow us to take advantage of the best features of hard probes and 3D scanners while maintaining a single, intuitive workflow,” says Rus Emerick, a process improvement specialist who has helped Schneider-Electric automate inspection across 206 manufacturing operations in 130 countries. “The 3D feature capabilities in Geomagic Qualify 10 will close the 3D digital loop. We’ll be able to do everything – design, engineer and inspect – within a 3D environment.”

Geomagic Qualify 10, currently being beta-tested in sites around the world, is scheduled for release in August. New customers who purchase Geomagic Qualify 10 along with an annual maintenance contract before June 28 will receive a free three-month extension to their maintenance contract.

 [Click here to return to Contents](#)

Gerber Technology Highlights “Tomorrow’s Vision. Today’s Reality.” at SPESA Expo 2007

8 May 2007

During [SPESA Expo 2007](#) held May 8-10 at the Miami Beach Convention Center in Miami Beach, Fla., Gerber Technology is featuring its entire suite of automation solutions. A number of new products are being demonstrated for the first time in North America and additional products are being introduced at the show. Gerber’s booth is a reflection of its theme: “Tomorrow’s vision. Today’s reality.” which underscores the company’s visionary approach to providing technologies for the various sectors of the flexible materials and sewn products industries that not only meet the needs of companies today but also address future requirements as well.

PRODUCTS FEATURED AT SPESA EXPO 2007

At SPESA Expo 2007, Gerber is featuring its newest additions to the GERBERSuite® product line for the apparel and other sewn products industries including:

AccuScan, Gerber’s automated, high-speed pattern digitizing system that eliminates the need to digitize patterns manually is making its worldwide debut at SPESA Expo 2007. This new technology digitizes multiple patterns simultaneously and is typically 20-50 percent faster than manual digitizing.

Fashion Lifecycle Management™ (FLM™) is a new Product Lifecycle Management (PLM) solution from Gerber designed to meet the specific needs of the fashion market. Fashion Lifecycle Management™ combines an enterprise-wide, collaborative workflow engine with Gerber's WebPDM, the most feature-rich PDM solution. The workflow engine is fully integrated with WebPDM to enable global, real-time visibility and control over the entire product development and product lifecycle management process.

AccuNest is Gerber's high performance automatic marking software. AccuNest utilizes algorithms to deliver the best fabric yields in the industry today. Users report that AccuNest makes markers faster and better than their manual marker makers.

The Infinity series of wide-format high-performance inkjet plotter provides reliability, versatility, and ease of operation. Gerber's Infinity 85 is ideal for continuous plot throughput in an ultra-wide format, offering faster plotting than the previous models and providing the ability to remotely monitor ink and paper levels. The Infinity 85 features a new 350 ml bulk ink supply which will save an estimated 15% on ink costs and decrease down time due to ink out. This compact, upright plotter is quiet, easy to install and requires minimal floor space.

The GERBERcutter XLc7000 is the ideal automated system for manufacturers who want to automate their production and are looking for value-priced solutions that offer reliability and performance. It offers low cost of ownership, accuracy and exceptional ease of use. The XLc7000 cuts a variety of materials up to 2.0 m (79 in) wide at compressed material heights up to 7.5 cm (2.95 in).

The new high-quality, high-performance automated **GERBERSpreader XLs50** is specially designed for the apparel industry. It is capable of spreading woven or knit materials from either rolls or flat-folded packs. The GERBERSpreader XLs50 provides accurate and consistent spread length and alignment of fabric edges which enables parts to be nested closer to the beginning, end, and edges of the spread, eliminating end loss and optimizing material utilization. It also features an ergonomic design for easy material loading and unloading and an easy-to-learn graphical user interface.

Gerber 's Taurus X Series leather cutter with Pivex™ technology cuts automotive interior parts from leather fast and accurately. The Pivex knife eliminates over cuts and heel cuts on most parts to deliver the best quality available from an automated cutting system. The high-speed reciprocating action of the Pivex knife, in conjunction with the high friction table surface, minimizes hide movement, ensures precisely cut parts and enables users to cut custom notch shapes including many internal and external notches without sacrificing cutting speed or quality.

GERBERSUITE OFFERINGS ROUND OUT PRODUCT SELECTION

In addition to these new products, Gerber is also showcasing other GERBERSuite offerings including:

WebPDM™ product development management (PDM) software facilitates communication and accelerates the coordination of product development tasks.

AccuMark software for pattern design, grading and marker making. Its newest version introduces Pattern Wizard, a new function that enables anyone to calculate bid costs by using existing style measurements and applying them to base patterns included with the software.

AccuMark Made-to-Measure (MTM) software promotes a streamlined process from order entry to pattern alteration and automatic marker creation for highly tailored garments or mass customization.

AccuMark® V-Stitcher 3D garment design and visualization software enables users to create a virtual garment from a 2D pattern over a 3D body image.

Vision Fashion Studio streamlines the creative process, reduces development times and ultimately decreases costs and increases profitability and productivity.

3D Direct, designed for the transportation interiors market, automatically flattens three-dimensional (3D) design models to produce two-dimensional (2D) pattern pieces, accelerating and streamlining the 3D-to-2D pattern design process.

AccuMark Silhouette™ enables designers to manually sketch patterns on an electronic pattern table which are then automatically displayed in real-time on the system's computer.

CutWorks software offers a complete design, nesting and cutting solution for improving cutting times and maximizing material utilization and throughput of the GERBERcutter.

GERBERService manages seven customer solutions centers serving six continents. Each center is staffed by individuals who speak the local language and understand the local challenges. The GERBERService organization worldwide now totals more than 500 technicians, applications specialists and call center caregivers. This organization is supplemented by over 250 service specialists employed by Gerber Technology's agents and distributors. GERBERService supports more than 17,500 customers in 125 countries. GERBERnet includes software updates, online parts ordering, technical information and previously-owned equipment on auction. Access to GERBERnet is provided via <http://www.gerbertechnology.com/>.

GERBER TO PARTICIPATE IN "THE COOL ZONE" Gerber Technology will also be present in "The Cool Zone", Pavilion 670 at SPESA Expo. Created by TC2, "The Cool Zone" introduces a totally new set of alternatives to produce apparel products to meet the "on-demand era" that's becoming a reality today. SPESA Expo attendees in Miami May 8-10 will be able to learn how by following a high-fashion t-shirt being designed, printed, cut and sewn, all while visiting the Cool Zone in Pavilion 607. Gerber Technology is supplying a GERBERcutter DCS3500 to be used in the production of nano-colorant t-shirts right on the show floor. In addition, Gerber's AccuMark V-Stitcher 3D pattern visualization software is being demonstrated in the Merchandising area of "The Cool Zone."

 [Click here to return to Contents](#)

Keynote Speakers at PDT Europe 2007 to Address PLM – the Big Picture

4 May 2007

The 16th PDT Europe will include presentations, workshops and tutorials targeting the management of today's complex products that include Hardware, Software and Documentation. Managing this Big Picture means dealing with major challenges. The aim of the conference is to present roads ahead for those facing them.

PDT Europe 2007 announced this year's Keynote Speakers:

Ed Miller, President of [CIMdata Inc](#), will speak about "PLM in Industry – Its State and Trends". Mr Miller will give his view on issues that impact the evolution of PLM.

Thomas Gulledge, President of Enterprise Integration, Inc will present on "Process Orientation and Service Orchestration: Implications for Product Lifecycle Management". Mr Gulledge is also Professor of Public Policy and Engineering at George Mason University. He has authored more than 100 scholarly papers in the fields of enterprise integration and technology-enabled enterprise transformation.

Dr. Jivka Ovtcharova is Head of the Institute for Information Management in Engineering at the University of Karlsruhe, Germany, as well as Director at the Research Center for Information Technologies, Karlsruhe. Dr. Ovtcharova has worked for Opel for many years and will be sharing her knowledge and experience at PDT Europe.

The fourth Keynote speaker is Dr. Raj Iyer, Team Leader/ Program Manager, Product Lifecycle Management (PLM) at the US Army Tank Automotive RDE Center (TARDEC). Dr. Iyer has extensive experience in the efforts of implementing PLM in a large organization such as US Army.

PDT Europe is organized by Eurostep, in cooperation with CIMdata and Pathway Guidance.

Please visit <http://www.pdteurope.com/> for more information about the event.

 [Click here to return to Contents](#)

New VX CAD/CAM V13 to be Previewed at International Distributor Conference

7 May 2007

[VX Corporation](#) will hold its annual International Distributor Conference this year in, Pforzheim, Germany from May 17-18.

New VX CAD/CAM Version 13 Previewed

This year's International Distributor Conference for VX distributors will feature previews of the next major release, Version 13, plus special application demonstrations.

Some of the Version 13 highlights are a new mechanical simulation module complete with camera controls and AVI output, a new filleting engine, and multi-viewport options with dynamic object slicing enabling cross-window construction and control.

For VX CAM users, Version 13 highlights the new technology, Smoothflow™, which guarantees maximum machining efficiency while minimizing tool wear.

Version 13 is expected to be available towards the end of the summer.

The conference, held annually, will be attended by VX's growing network of international distributors providing representation in major markets around the world.

 [Click here to return to Contents](#)

NX 5 CAD/CAM/CAE Software from UGS Provides “Greater Powers” to the Manufacturing Industry in Mexico

8 May 2007

UGS PLM Software, a division of Siemens Automation and Drives ([A&D](#)), revealed details of Version 5 of NX™ software at an event in Mexico City, where the company highlighted how this new product will provide Greater Powers to the manufacturing industry.

NX 5 delivers technologies and usability such as Design Freedom, Active Mockup and NX Your Way. Additionally, NX 5 integrates CAD/CAM/CAE into a unified, open environment. The latest release provides users with a new intuitive user interface to develop innovative products.

“The launch of NX 5 in Mexico further demonstrates the commitment and determination of UGS to be part of the technology evolution within this market. UGS addresses our customers ever growing needs and gives users greater power to capture knowledge, re-use best practices and achieve standardization,” said Alfredo Treviño, vice president of operations for UGS Mexico.

In Mexico since 1992, UGS currently has 30 employees working at offices in Mexico City and Monterrey, as well as sales representatives in Ciudad Juarez and Tijuana. Moreover, the company works with a select group of channel partners in different Mexican states to distribute products and provide customer support.

“Industries such as aerospace, automotive, high-tech electronics and machinery are experiencing tremendous growth in Mexico. We are proud to continue offering solutions such as NX 5, which enables

our customers in these areas to seize this growth opportunity and realize their full business potential,” concluded Treviño.

 [Click here to return to Contents](#)

OptiTex to Showcase Full Spectrum of Latest Technologies and Innovations at SPESA 2007

7 May 2007

Israel based [OptiTex Ltd.](#) will have a large presence at the [SPESA Expo 2007](#) show, taking place in Miami Florida, during May 8th to 10th, 2007.

At SPESA 2007, OptiTex will be highlighting the company’s latest innovations and advanced technologies, including the formal release of OptiTex V10, the new version for Pattern Making, Grading, Marker Making, Made to Measure and other products. V10 touts many new features, such as an open API, a new XML file format, an updated user interface, a new animation platform, as well as a host of other new features.

OptiTex will also announce its new partnership with DAZ 3D, a market leader in 3D software and digital content creation. Together the two companies will be releasing new 3D dynamic clothing plug-in for DAZ|Studio, a free 3D art and animation application. Developed by DAZ 3D, this 3D art tool provides an ideal digital art solution for budding 3D artists as well as professional 3D designers, photographers, filmmakers, animators and illustrators.

At SPESA, OptiTex will also expose 3D flattening, a new technology that enables the flattening of three-dimensional objects. The technology is applicable to a broad range of industries and applications, including textile and manufacturing, car seats for the automotive industry, aeronautics, filmmaking, computer gaming and more. This new technology enables on-screen transformation of three-dimensional surfaces into two-dimensional patterns that make up the upholstered object.

Furthermore, OptiTex will provide an insight into the upcoming release of the world’s first 3D application for home sewers. This new solution is designed to give home sewers the freedom of creating, designing, and sewing their own garments using basic style smart patterns, without the need for expensive industrial equipment or almost any iteration.

“We are very excited to have the opportunity to present the full spectrum of our latest technologies and innovations at SPESA, which will enrich and expose OptiTex technological solutions for Industrial, Education and even Home Sewer Hobby users,” said Yoram Burg, president of OptiTex USA inc. "OptiTex believes in “Open Architecture Solutions “that will enable users to add and integrate our solutions to their specific needs”.

 [Click here to return to Contents](#)

RAND Worldwide Announces "Delivering on the Promise of PLM" Series

May 2007

"Delivering on the Promise of PLM" is RAND Worldwide's informative 5-part web seminar series beginning May 17, 2007 highlighting the use of knowledge-based tools to optimize CATIA processes.

Formatted specifically for CATIA V5 management and end users, this online seminar series combines a presentation format with real world approaches to enhancing product development. Each weekly seminar provides a highly focused topic set presented by RAND's experienced PLM experts. By the end of the 5-week series you will have the knowledge to:

- Make early modeling decisions to leverage design data for the future
- Streamline and standardize your FEA processes to optimize your designs
- Customize manufacturing set up and reporting to meet the specific needs of your plant
- Deliver targeted product information to audiences through standards such as XML
- Capture and reuse information for continuous product improvement

[Register me!](#)

Event Schedule

- May 17, 2007:** [Part 1—Creating Knowledge-Based Designs](#)
May 24, 2007: [Part 2—Analyzing Knowledge-Based Designs](#)
May 31, 2007: [Part 3—Manufacturing Knowledge-Based Designs](#)
June 7, 2007: [Part 4—Distributing Embedded Knowledge](#)
June 14, 2007: [Part 5—Leveraging Customer Knowledge](#)

[↑ Click here to return to Contents](#)

Record Number of EMC Customers and Partners Set for EMC World 2007

9 May 2007

In less than two weeks, a gathering of more than 7,000 EMC customers, partners, technologists and members of the news media and analyst communities will converge in Orlando, Florida, for the annual EMC World conference. Under the theme "Conferences Engineered for a World of Information," EMC World (May 21-24, 2007) will bring together three industry-leading user conferences for the first time: EMC Technology Summit, focused on information infrastructure deployment and information management; Momentum - the EMC Documentum user conference focused on management of unstructured content; and the EMC Software Developer Conference, focused on the skills needed to develop new applications for infrastructure and information management.

CIMdata PLM Industry Summary

EMC World now gathers together a wide range of experts, partners and customers, each with a unique perspective on innovative approaches to storing, protecting, optimizing and leveraging their information. Spanning nearly one million square feet of exhibit and meeting space in the Orange County Convention Center and nearby facilities, attendees will participate in more than 600 education sessions covering 364 separate topics. More than 115 EMC partners, representing the full spectrum of the IT industry, will be exhibiting their products and services and EMC will be conducting demonstrations of more than 50 of its own leading solutions.

For the first time this year, EMC is hosting the Inforati Video Awards, an online contest offering EMC customers and partners from around the world a chance to show off their creative side by submitting home-made videos related to information infrastructure. Conference attendees will have the opportunity to view and vote for the videos, which can be seen at <http://www.emc.com/IV>

EMC World 2007 kicks off on Sunday, May 20, with a welcome reception featuring a concert by Grammy Award-winning recording artists Hootie & the Blowfish. The conference formally begins on Monday, May 21, with a keynote presentation by EMC Chairman, President and CEO, Joe Tucci, who will focus on the theme of "Building Tomorrow's Information Infrastructure." Also on Monday, David Donatelli, EMC Executive Vice President, Storage Product Operations will deliver a keynote entitled "Making Life Easier in Your Exabyte World."

On Tuesday, May 22, Momentum, the annual EMC Documentum user conference takes center stage with keynote presentations by Balaji Yelamanchili, EMC Senior Vice President and Co-General Manager of Content Management and Archiving, and Whitney Tidmarsh, EMC Vice President of Marketing for Content Management and Archiving. The two will deliver a keynote that will highlight emerging trends in this growing market and feature the newest technology from EMC Documentum.

On Wednesday, May 23, Software Developer Conference '07 is in the spotlight with a keynote by Mark Lewis, EMC Executive Vice President and Chief Development Officer. Lewis will explore "Information 2.0" and what an enterprise needs to do to exploit this new digital era. The Software Developer Conference is a top educational forum for developers, architects, technical project managers and others to sharpen their skills and delve into deep technical detail on EMC software development platforms.

In addition to the keynotes, educational sessions and exhibits, there are several other activities that will take place at EMC World that are designed to maximize networking for customers and partners, including 43 "Birds of a Feather" sessions that provide an opportunity for customers to share experiences and learn from each other. Customers will also be able to test for EMC Proven Professional certification.

Information on EMC World, including a full agenda and registration details are available at <http://www.emcworld2007.com/index.html>.

 [Click here to return to Contents](#)

think3 in the Limelight at the Haifa Italo-Israeli Conference on 'Shape Modeling and Reasoning'

10 May 2007

think3 is taking part in the Italian-Israeli Conference entitled 'Shape Modeling and Reasoning for Industrial and Biomedical Applications', promoted and organized by the Italian Embassy in Israel in collaboration with Technion, the Israeli Institute of Technology in Haifa.

The aim of the conference is to discuss the main applications of 'digital shapes' in the industrial and biomedical fields, and to strengthen scientific collaboration between the Italian and Israeli research groups, whose competence in shape analysis and synthesis has won international recognition. The meeting will provide researchers with an opportunity to compare their work, exchange new ideas, and advance new joint projects.

The event, which takes place from 7 to 9 May in Haifa on the Technion Campus, will be attended by a delegation of Italian academics from the Milan Polytechnic, the University of Catania, the University of Genoa, the University of Rome 3 and the prestigious IMATI-CRN (Genoa section of the Institute of Applied Mathematics and Information Technologies of CRN - National Research Council). Israel will be represented by the most distinguished researchers from the Departments of Mechanical Engineering, Computer Science and Electrical Engineering of the Technion Institute.

Important representatives from the world of industry from the two countries will also be present. think3 will be joined by Altair Engineering in representing Italy.

IMATI has recently concluded a project on Shape Modeling in which think3 was the industrial partner. The conference will provide a showcase for the potential applications of the results obtained.

Davide Ciarloni, Director of Industrial Design Solutions at think3, will illustrate the impact this research has had on think3 solutions. His contribution, entitled "Modeling Shapes in Target Driven Design Mode", will focus on the potential of think3's radically innovative approach to design - Target Driven Design. This approach, based on Global Shape Modeling (now known as GSM3), is the only tool that allows extremely rapid, highly accurate and precise creation and modification work during all phases of the design process, thus shaving time off the product design process and improving design quality. This revolutionary approach allows designers to concentrate exclusively on the creative aspects of the design process, freeing them from traditional technological limitations.

For further information about the Italo-Israeli conference visit http://mecadserv1.technion.ac.il/public_html/israel-italy/israel-italy_07.htm or contact Cristina Carini, Marketing Specialist think3 cristina.carini@think3.com, Tel: 051 597111.

 [Click here to return to Contents](#)

Financial News

Aspen Technology Announces Financial Results for Third-Quarter Fiscal Year 2007

9 May 2007

Aspen Technology, Inc. announced financial results for its third quarter of fiscal 2007, ended March 31, 2007.

CIMdata PLM Industry Summary

Mark Fusco, President and CEO of AspenTech, stated, "We are pleased with the company's performance in the third quarter, which was highlighted by revenue and profitability that were at or above the high-end of our guidance. The underlying drivers to our revenue continue to be strong and balanced, including new customer wins and expanded usage and renewal activity with existing customers." Fusco added, "The energy, chemicals and E&C markets that we serve remain strong, and companies in these verticals are increasing their investments in systems that help to optimize their operations. AspenTech is benefiting from these positive industry fundamentals due to our industry leading domain expertise, unique breadth and depth of our aspenONE product suite, and focus on delivering a significant ROI for each of our customers."

For the quarter ended March 31, 2007, AspenTech reported total revenue of \$80.3 million, an increase of 4% from the third quarter of the prior fiscal year. Within total revenue, license revenue was \$43.6 million, an increase of 3%, and services revenue was \$36.7 million, an increase of 6%, compared to the third quarter of fiscal 2006, respectively. As previously disclosed, the comparable third quarter of fiscal 2006 was unusually strong due to the positive impact of large deals.

AspenTech's income from operations, determined in accordance with generally accepted accounting principles (GAAP), was \$7.7 million in the third quarter of fiscal 2007, representing an operating margin of 10%. This compares to operating income of \$7.9 million in the third quarter of fiscal 2006, which also represented an operating margin of 10%.

GAAP operating expenses in the third quarter of fiscal 2007 included \$3.2 million of non-cash stock-based compensation, \$1.6 million of non-cash amortization of intangibles associated with previous acquisitions, \$1.6 million in restructuring charges due to the company's continued office consolidations, and a \$0.7 million loss on sales of assets - the combination of which reduced the company's operating margin by approximately 9 percentage points. These items reduced the prior year's operating margin by approximately 7 percentage points.

Net income applicable to common shareholders was \$8.6 million in the third quarter of fiscal 2007, including the impact of \$146,000 in preferred stock dividends and discount. This represents an increase of over 200% compared to net income applicable to common shareholders of \$2.7 million in the same period last year, which included the impact of \$3.9 million in preferred stock dividends and discount. As previously disclosed, the company's Series D-1 and D-2 preferred shares converted to common stock in December 2006 and January 2007, respectively.

Net income per share applicable to common shareholders was \$0.10 for the quarter ended March 31, 2007, an increase of 100% compared to \$0.05 in the same period last year. Weighted shares outstanding were 91.6 million in the third quarter of fiscal 2007, an increase compared to 55.5 million in the same period last year due to the previously mentioned conversion of preferred shares to common shares. The above mentioned stock-based compensation, amortization of intangibles associated with previous acquisitions, loss on sales of assets and restructuring charges, in addition to a \$0.6 million non-cash foreign exchange loss on inter-company balances offset by the benefit of approximately \$1.2 million of interest income associated with the accretion of retained interest in sold receivables, had a net, negative impact of \$0.07 per share in the quarter ended March 31, 2007. In the prior year period, the combination of these items had a net, negative impact of \$0.07 per share.

AspenTech had cash and cash equivalents of \$100.8 million at March 31, 2007, an increase of approximately \$8 million from \$92.5 million at the end of the previous quarter. The increase in cash was primarily the result of positive cash flow from operations of approximately \$12.8 million, offset by the cash payment of approximately \$6.6 million in consideration for the accumulated preferred dividends associated with the conversion of the company's Series D-2 preferred stock.

Conference Call and Webcast

AspenTech will host a conference call and webcast today, May 9, at 8:30 pm (EST) to discuss the company's financial results, business outlook, and related corporate and financial matters. A replay of will be available via telephone at (800) 642-1687 or (706) 645-9291, conference ID code 5774680 through May 16, 2007.

For more detailed financials, please visit <http://ir.aspentech.com/phoenix.zhtml?c=86692&p=irol-newsArticle&ID=997689&highlight=>.

 [Click here to return to Contents](#)

Avatech Solutions to Report Third Quarter 2007 Results and Hold Conference Call on May 15

9 May 2007

Avatech Solutions, Inc. announced it will release its results for the third quarter of fiscal 2007 before the market opens on Tuesday, May 15, 2007. The Company has scheduled a conference call for 11:00 a.m. Eastern Time on the same day.

The dial-in number for the conference call is (866) 634-2258. A replay of the call will also be available through Tuesday, May 22, 2007, and can be accessed by dialing (706) 645-9291, conference ID #8194488.

An audio replay of the conference call will be available in the Investor Relations section of the Company's Web site, <http://www.avatech.com/>.

 [Click here to return to Contents](#)

CENIT's Highly Successful Start in 2007

9 May 2007

CENIT started 2007 with an extremely successfully first quarter, essentially influenced by the development of their software business. In the meantime, 19% of the total revenue is achieved through the sales of CENIT software. At the same time, the hardware sales dropped as expected by 62% to 1.6 million €(2006: 4.6 million €), thus enabling CENIT to take a decisive step towards their goal of a

massive development of their software business. As a result, the EBIT margin improved by 13.6% in 2006 to over 17% in the first quarter of 2007.

In the first quarter, CENIT achieved consolidated sales of 17.6 million €(2006: 19.2 Mio. €/ -9). The decline in sales can be attributed to the hardware business. The gross profit thus increased by 5% to 15.6 million €(2006: 14.8 million €). The EBITDA achieved 3.3 million €(2006: 2.9 million €/3%). The result of the operational business operations before interest and taxes (EBIT) rose in the reporting period from 2.6 million €in 2006 by 16% to 3.0 million. The EBT (result before taxes) was 3.1 million €(2006: 2.4 million €/30%) and the consolidated result in the first quarter is 2.0 million €(2006: 1.97 million €). The group EPS (earnings per share) was 0.24 €(2006 adjusted: 0.23 €), showing that CENIT started the year on an extremely positive basis.

This very favorable growth in earnings is positively affecting the group's financial standing. At the balance sheet date, the equity capital is 26.4 million €(2006: 24.3 million €) and the equity ratio is 68% (2006: 62%). The balance of bank deposits and securities of the current assets is 20.6 million €(2006: 18,6 Mio. €) at the balance sheet date. The operational cash flow is 3.4 million €(2006: 2.2 million €) and the free cash flow reached 2.0 million €(2006: 1.3 million €).

Breakdown of Revenue

The sales volume with CENIT Software increased by 9% to 3.3 million € meaning that 19% of the total revenue was achieved with CENIT's own software. In the previous year it was around 16% of the total revenue, with 3.0 million € Business with other vendors' software also increased by 6.2% to 1.6 million €(2006: 1.5 million €). The sales volume in the Services sector again rose by 8.5% to 11.0 million € (2006: 10.1 million €). Hardware business dropped as expected significantly by 62% to 1.6 million € (2006: 4.6 million €).

Order Situation

The orders balance as of March 31, 2007 in the group is 27,7 million €(12/2006: 18,2 million €) and the incoming orders amount to around 31,7 million €(2006: 31,2 million €). The share of new customers increased in total to 3% in the first quarter.

Prospects

CENIT is aiming at increasing the total revenue share of proprietary software by up to 30% over the next three years. Based on this successful start to the fiscal year 2007, we are confident to continue the tendencies in the software business. A high workload in the consulting business and the sustained positive economic development support our positive expectations for 2007. We are underscoring our reputation in the aerospace industry through the foundation of a subsidiary in Toulouse and expect this to yield additional positive impulses in the consulting business. The international character of CENIT's business is also increasing in significance through the further consistent development of the subsidiaries in the US and Romania. Given our optimized product portfolio and our competitive range of consulting services, we are confident that CENIT will also profit from the general economic growth.

You can find the complete 3-Months Report under:

<http://www.cenit.de/cenit.php?areaID=3&documentID=14&RECAreaID=&RECdocumentID=&REClanguageShort=&field=&languageShort=eng>.

 [Click here to return to Contents](#)

Mastercam Reports Record Sales Quarter

May 2007

CNC Software announced that Mastercam sales for the 1st Quarter 2007 have been the highest in the history of the company (23 years). New Mastercam seats, customers updating to the current release, and Mastercam's Maintenance program have all contributed to the company's record quarter.

CNC Software also reports that sales for 11 out of the past 12 months have beaten the previous sales records set for each month since the company started in 1984. "The sales trend that we are experiencing shows that Mastercam customers, new and old, are not only taking advantage of the many enhancements that we have offered over the past 2 years, but are also profiting because of them," says Steve Bertrand, Director of Corporate Sales. "In addition to new seats sold, we are experiencing an increase in orders for additional seats of Mastercam from existing customers, which is a true testament to this fact."

Mastercam X originally released in August of 2005, was redesigned to reduce programmer interaction and increase machining flexibility. This release, along with the introduction of the Mastercam Maintenance program, the delivery of Mastercam X2, and recently X2 MR1, have resulted in a record year in 2006 as well as the record 1st Quarter 2007. Says CNC Software President, Mark Summers, "As in the past, we will use our success to reinvest in the company, in Mastercam, and in the success of our users."

[CIMdata Inc.](#), an independent research firm, has reported that Mastercam has been the #1 CAM software package for the last 13 years (based on software seats installed).

 [Click here to return to Contents](#)

Moldflow Announces Revised Corporate Strategy with Focus on Design Analysis Solutions Software Business - Reports Solid Third Quarter Results from Continuing Operations

10 May 2007

Moldflow Corporation announced the results for its third quarter of fiscal 2007 and a revised corporate strategy which focuses on its CAE Design Analysis Solutions business. The Company also announced its intention to sell its Manufacturing Solutions division. Third quarter fiscal 2007 results from continuing operations, which are derived from the Company's Design Analysis Solutions division, include solid year-over-year growth in revenue, earnings and net income.

CIMdata PLM Industry Summary

For comparability purposes, the Company today presented its results from the third fiscal quarter of 2007 in a format combining the results of continuing Design Analysis Solutions operations and discontinued Manufacturing Solutions operations, as well as a presentation of continuing operations only. These results include references to non-GAAP financial measures, which are reconciled to the most appropriate generally accepted accounting principles (“GAAP”) financial measure (visit <http://www.moldflow.com/stp/english/newsroom/PR.asp?ID=440&Year=2007> to view full financials).

	Combined Operations(a)	
	Three Months Ended March 31, 2007	Three Months Ended March 31, 2006
Total Revenue	\$18.0 million	\$16.3 million
Net Income	\$2.9 million	\$1.8 million
Net Income per Diluted Share	\$0.24	\$0.15

- (a) The results for the Company’s combined operations shown above include the results for both the continuing Design Analysis Solutions operations and discontinued Manufacturing Solutions operations, but exclude from net income and net income per diluted share the impact of share-based compensation expenses, net of taxes, and the write-off of goodwill in the third quarter of fiscal 2007.

	Continuing Operations(b)	
	Three Months Ended March 31, 2007	Three Months Ended March 31, 2006
Total Revenue	\$14.7 million	\$11.6 million
Net Income	\$3.3 million	\$2.3 million
Net Income per Diluted Share	\$0.27	\$0.19

- (b) The results of the Company’s continuing operations shown above present the results of its continuing Design Analysis Solutions operations but exclude from net income and net income per diluted share the impact of share-based compensation expenses, net of taxes.

Commenting on today’s announcements, Roland Thomas, Moldflow Corporation’s president and CEO said, “Our third quarter results reflect yet another step in our plan showing growth and leverage from our Design Analysis Solutions division. We remain excited by the strength and increased level of sales we see coming from our core business around the world and we believe it provides a solid platform for our more focused business. As Moldflow moves forward with our market leading Design Analysis Solutions business, we will continue to pursue our growth strategy to extend our leadership position in the industry for technically advanced CAE solutions.”

In connection with the announcement of its intention to sell the Manufacturing Solutions division, the Company has designated the division as an asset held-for-sale and the Company’s on-going financial results will reflect the classification of the Manufacturing Solutions division as discontinued operations as required under GAAP. During the preparation of its financial statements for the third fiscal quarter, the Company determined that the goodwill associated with the Manufacturing Solutions division was

impaired and recorded a non-cash charge of \$10.2 million dollars in its third fiscal quarter, which is reflected as part of the net loss from discontinued operations.

Thomas continued, "During this fiscal year, we have been managing our Manufacturing Solutions business to achieve a break-even operating result. As planned, this has generally been the case, with that business achieving a small operating loss excluding non-cash charges through the first three quarters of the year. Looking forward, we have now concluded that the best path to renewed growth for that business is to find a suitable owner with the infrastructure and expertise needed to promote our Altanium and shop floor products in the geographies we serve around the world."

Thomas concluded, "Our business outlook, updated today, reflects our expectation for our continuing operations for the full fiscal year and is broadly in-line with, or better than, our previous guidance for our annual 2007 revenue growth rate and non-GAAP earnings per share."

Business Outlook

The current business outlook is based on information as of May 10, 2007 and is current as of that day only. In connection with today's announcements, the Company is adjusting full year fiscal 2007 guidance to reflect the results of continuing operations. The Company now expects revenue from continuing operations for the fiscal 2007 year to be between \$54.9 million to \$55.3 million dollars, which represents year-over-year growth of 13% to 14% when compared to fiscal 2006. The Company expects non-GAAP net income per diluted share from continuing operations of approximately \$0.87 to \$0.90. Non-GAAP net income per diluted share from continuing operations excludes charges for share-based compensation expenses which are expected to be approximately \$1.6 million. The Company expects GAAP net income per diluted share from continuing operations for fiscal 2007 to be between \$0.72 and \$0.75.

The Company has provided its fiscal 2007 revenue from continuing operations and net income per diluted share from continuing operations guidance above, part of which has been provided on a non-GAAP basis. Non-GAAP net income per diluted share from continuing operations excludes estimated charges for share-based compensation costs. Because there are significant limitations in estimating the impact of share-based compensation costs, including but not limited to, the number of share-based awards that will be exercised and/or cancelled during the period, the fair market value of the Company's share price on the exercise dates, and the number and type of issuances that may be awarded in any year, the estimated charges and tax benefits associated with share-based issuances are unpredictable. For these reasons, the actual impact of share-based compensation on GAAP net income per diluted share from continuing operations may differ materially from the estimated amounts included in the guidance above.

Use of Other Non-GAAP Financial Measures

The Company provided non-GAAP total revenue from combined operations, non-GAAP net income from combined operations and non-GAAP net income per diluted share from combined operations as supplemental measures to GAAP financial measures regarding the Company's operating performance. These financial measures include the results of our Manufacturing Solutions division. Non-GAAP net income from combined operations and non-GAAP net income per diluted share from combined

operations exclude the impact of share-based compensation expenses and the write down of goodwill associated with our Manufacturing Solutions division and, therefore, have not been calculated in accordance with GAAP. The Company has provided non-GAAP net income from continuing operations and non-GAAP net income per diluted share from continuing operations as supplemental measures to GAAP regarding the Company's operating performance. These financial measures exclude the impact of share-based compensation expense and therefore have 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 continuing operations and operations as a whole and for internal planning and forecasting purposes and believes that this information provides additional insight into our continuing operations and operating results as a whole, 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 (loss), 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 for the third quarter, 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 are included in this press release and can be found on the Investors page of the Moldflow Web site at <http://www.moldflow.com/stp/english/investors/index.htm>.

Financial Results

The unaudited condensed consolidated financial statements for the third quarter of fiscal 2007 are available at <http://www.moldflow.com/stp/english/newsroom/PR.asp?ID=440&Year=2007>.

Information Dissemination

Moldflow will host a conference call to discuss the third quarter of fiscal 2007 results as well as future outlook at 11:00 a.m. US Eastern time, Thursday, May 10, 2007.. The call will be recorded with replay (dial-in # 800-642-1687, PIN# 7608355) which will be available until May 17, 2007. In addition, a live Webcast of the conference call, together with this press release and supplemental financial information, can be accessed through the Company's Website at <http://www.moldflow.com/> in the Investors section. The call, press release and supplemental information will be archived and can be accessed through the same link.

 [Click here to return to Contents](#)

MSC.Software Reports Financial Results for the First Quarter Ended March 31, 2007

10 May 2007

MSC.Software Corporation announced financial results for the first quarter ended March 31, 2007.

REVENUE

CIMdata PLM Industry Summary

Total revenue for the first quarter ended March 31, 2007 was \$57.6 million compared to \$67.4 million for the first quarter last year. Software revenue for the first quarter totaled \$23.0 million compared to \$29.3 million for the first quarter last year. The 2006 first quarter included \$1.3 million of non-recurring PLM software revenue. The PLM business was sold in March 2006. For the first quarter ended March 31, 2007, maintenance revenue totaled \$28.7 million and services revenue totaled \$5.9 million, compared to \$27.6 million of maintenance revenue and \$10.5 million of services revenue for the first quarter last year. The 2006 quarter included \$1.1 million of PLM services revenue.

"Our transition to enterprise sales has presented some execution challenges to MSC as we move our key customers from purchasing engineering tools to implementing enterprise-wide simulation platforms," said Bill Weyand, CEO and Chairman of MSC.Software. "And these challenges continued to impact our financial performance in the first quarter as this transition is taking longer than expected. We are disappointed with the timing of large transactions and our ability to close and complete these larger deals. Although we are not satisfied with these results, we did see certain positive signs in our business in the first quarter."

"The number of transactions greater than \$100,000 increased both quarter over quarter and sequentially, and the average amount of such transactions increased as well," continued Mr. Weyand. "We are seeing positive signs with our new Enterprise Simulation products and did have a number of key wins in the quarter with customers including Kimberly Clark and GE, in the US, Nissan and Honda in Asia Pacific, and Airbus, Alenia, and VW in Europe."

"MSC is beginning to get traction on evolving our customers from simulation tools to multi-discipline solutions as evidenced by Honda adopting MD Solutions for product development," continued Mr. Weyand. "In addition, winning IBM's Beacon Award for Global Solutions - Best Industry Solution further validates that our SimManager Enterprise product offering represents tremendous value to the customer with the potential for delivering up to a 75% engineering productivity gain."

"We believe our simulation technology is best-in-class, our vertical end-markets are strong, and customer response to our enterprise simulation strategy is positive. We are now focusing on execution in order to improve our financial performance," added Mr. Weyand.

REVENUE BY GEOGRAPHY

Total revenue in the Americas for the first quarter ended March 31, 2007 was \$18.4 million, compared to \$22.6 million the first quarter last year. The 2006 first quarter included non-recurring software and services revenue totaling \$2.4 million for the PLM business. Total revenue in EMEA for the first quarter was \$19.7 million, compared to \$23.7 million the first quarter last year. Excluding the effects of changes in the EURO during the 2007 quarter, total revenue in EMEA was \$18.0 million. In the Asia Pacific region, revenue totaled \$19.6 million, compared to \$21.5 million for the first quarter last year. Excluding the effects of changes in the YEN during the 2007 quarter, total revenue in Asia Pacific was \$20.0 million.

RESULTS OF OPERATIONS AND EPS

Total operating expenses for the first quarter ended March 31, 2007 were \$59.4 million, compared to \$43.2 million for the first quarter last year. Included in the 2007 first quarter was a \$7.1 million restructuring charge. Included in the 2006 first quarter were \$3.8 million of audit and non-recurring professional service fees incurred in connection with the accounting restatement, and \$0.6 million of consulting fees related to the implementation of worldwide financial systems offset by a \$4.4 million gain on sale of certain assets of our PLM business.

The first quarter 2007 had an operating loss of (\$13.4) million, compared to operating income of \$5.6 million in the first quarter last year. For the 2007 first quarter, the loss from continuing operations totaled (\$6.4) million or \$(0.15) per diluted share, compared to income from continuing operations of \$3.1 million or \$0.08 per diluted share in the first quarter last year.

GUIDANCE

At this time the Company will not affirm or issue guidance. The Company will evaluate its decision to provide guidance in the future, as it continues to move through this transition period.

CONFERENCE CALL

The Company will host a conference call to discuss the first quarter financial results today at 1:30 pm pacific (4:30 pm eastern).

An archived version of the audio conference call will be available until May 11, 2007 and can be accessed at: (800) 642-1687 using the conference ID code: 7122772. An archive of the conference call and slide presentation will also be available at <http://www.mscsoftware.com/ir/>. For financial tables, please visit http://www.mscsoftware.com/press/press.cfm?pid=1010&Div_ID=6.

 [Click here to return to Contents](#)

SAP NetWeaver® Fund Makes Strategic Investment in Conformia

8 May 2007

[SAP AG](#) (announced it has made a minority investment in Conformia Software Inc. (Conformia). Conformia is emerging as a market leader and innovator of enterprise solutions for product and process lifecycle management (PPLM) across regulated process manufacturing industries, such as life sciences and alcoholic beverages. Today's announcement marks the fourth investment for SAP's \$125 million global SAP NetWeaver® Fund and underscores SAP's commitment to fuel the development of innovative solutions built on the SAP NetWeaver® platform. This announcement was made at Software 2007, being held in Santa Clara, Calif, May 8 - 9.

"As part of the SAP ecosystem, Conformia is committed to delivering market-leading solutions that leverage the expertise and investment companies are making in SAP," said Joe Prang, CEO, Conformia. "Together, Conformia and SAP will be able to improve product operations from raw materials to distribution. This investment will enable us to accelerate our growth and development on the SAP NetWeaver platform."

Conformia's enterprise solutions enable pharmaceutical and biotechnology development organizations to accelerate development from candidate to commercial production, improve pipeline productivity and time to market - all at a lower total cost of ownership across the product and process development lifecycle. As part of this industry expertise, Conformia continues to forge deeper understanding and clarification of key guidelines between the industry and the Food and Drug Administration (FDA) through a Cooperative Research and Development Agreement (CRADA) focused on the challenges and opportunities in pharmaceutical development, such as Quality by Design (QbD).

For the alcoholic beverage industry, Conformia provides a global, enterprise-wide, Web-based software platform to effectively manage, monitor and analyze spirits, wine and beer production and compliance from incoming raw materials to bottling.

The company, headquartered in Sunnyvale, California, received "Powered by SAP NetWeaver® " status for its Scale Up Management System (SUMS), an enterprise solution for pharmaceutical and biotechnology development operations. As a result, customers can rapidly deploy SUMS within environments using the SAP NetWeaver platform and access SUMS functionality within the SAP NetWeaver® Portal.

"The SAP ecosystem continues to gain momentum, and the establishment of the SAP NetWeaver Fund further underscores our dedication to co-innovation and driving real customer value with partners" said Zia Yusuf, executive vice president, Global Ecosystem and Partner Group, SAP, and co-manager of the SAP NetWeaver Fund. "We're pleased to make this investment and look forward to continuing to co-innovate with Conformia to bring unparalleled value to our customers."

 [Click here to return to Contents](#)

Implementation Investments

ASCON Awarded the Winners of KOMPAS-3D Modelling Contest 2007

7 May 2007

ASCON held a ceremony of awarding the winners of the fifth KOMPAS-3D Modelling Contest in Novotel Moscow Center hotel. Among the Contest participants were industrial enterprises - users of KOMPAS-3D software solution for Mechanical CAD. Totally 43 company with 52 projects took part in the Fifth Contest. During the five years of the existence of this award more than 130 enterprises from Russia, Belorussia, Ukraine, Kazakhstan and Uzbekistan have presented their 3D models.

"This year KOMPAS-3D Modelling Contest got projects from practically all branches of machine building area, including transport, power machine, oil and gas, shipbuilding and many others" - noted Oleg Zykov, the product manager of KOMPAS-3D: "Quite a number of participants have just recently started to use the system, but they already obtained impressive results, other enterprises are the longstanding customers of KOMPAS-3D solution and also use complex solutions from ASCON, like LOODSMAN:PLM and VERTICAL, CADD solution".

As usual Contests the jury established several nominations for achievements in the field of 3D Modeling. Professionalism of the participants was so high that two second and two third places were established.

All projects winners were united by similar success criterion: parametrization of sketches with control dimensions, trimmings in assemblies, active use of all possibilities of KOMPAS-3D: bending, stamping, massifs, macroelements etc. All projects contain complex parts and sub-assemblies, units worked out with high quality. Here we present the winners of KOMPAS-3D Modelling Contest 2007:

III place

(The graphics for each of the project winners are available at <http://www.ascon.ru/english/?news=292>)

FSUE “**Omsk Research Institute of instrument engineering**”, Project “**Harmonic Filter**”

Total Parts: 4384; Unique Parts: 375; Standard Parts: 1955; Complexity level of assemblies: 5

JSC “**Rudgormash**”, Project “**Rolling cutter drilling machine**”

Total Parts: 14474; Unique Parts: 9225; Standard Parts: 3850; Complexity level of assemblies: 19

II place

JSC “**Electrostal factory of heavy engineering**” (EZTM), Project “**Calibration mill**”

Total Parts: 11026; Unique Parts: 11026; Complexity level of assemblies: 5

JSC “**Kolomensky zavod**”, Project “**Electric locomotive carriage**”

Total Parts: 7361; Unique Parts: 4423; Standard Parts: 2413; Complexity level of assemblies: 16

I place

JSC “**Sarex**” with project “**Loader-Digger**”.

Total Parts: 3491; Unique Parts: 2354; Standard Parts: 787; Complexity level of assemblies: 6

The winner, JSC “Sarex” showed in the project the complexity of surfaces in the digger cabin, used of optimum modelling methods, high level of working out of all movable units, as well as creation of photorealistic images of loader-digger generated in Photorealistica add-on for KOMPAS-3D.

The absolute winner of the Contest was awarded by powerful graphic station equipped with video card NVIDIA Quadro and pre-installed latest version of 3D solid modeling system KOMPAS-3D V9.

At the end of the year ASCON traditionally starts to accept new applications. We welcome you to prepare competition projects.

Today 3D modeling of industrial products is one of the sources of increasing the rate of output and quality of new products, one of the way of reducing errors in design, important resource for business

efficiency growth. KOMPAS-3D, developed by Russian specialists, provides customers with optimum possibilities for quick transition to new technologies of 3D modeling!

ASCON on the web: <http://www.ascon.ru/english>; <http://www.kompas3d.de/>;
<http://www.kompas3d.co.uk/>

For additional information, please, contact your nearest VAR or ASCON Headquarter at

contact@ascon.ru or +7 812 703-39-33

 [Click here to return to Contents](#)

Germany's BSH Selects Altair's Advanced HyperWorks CAE Suite to Enhance Its Product Development Process

7 May 2007

Altair Engineering, Inc. announced that [BSH](#), Germany, Western Europe's number one domestic appliance manufacturer, has introduced the HyperWorks suite into its product development process. Today's domestic appliance industry has become truly high-tech, with product innovations and development supported by advanced CAE software. BSH develops its products in various company competency centers, including a site in Traunreut, Germany, where primarily stoves, modular cooking panel systems and ovens are developed and manufactured. The Traunreut Product Development Simulation Department uses Altair HyperMesh, HyperView and HyperGraph for their pre- and post-processing tasks and employs Altair OptiStruct for optimizing their designs.

"We are very pleased with the Altair products," said Bastian Grass, development engineer, Product Development Simulation, at BSH, Germany. "The main reasons for choosing HyperWorks were good experiences with HyperWorks during my previous work experience and the vast number of simulation tools contained in the HyperWorks suite, all available under a single licensing agreement. We need to make reliable decisions earlier in the development process. HyperWorks allows us to rapidly generate simulation models, evaluate multiple variants and optimize the design. We will be able to reduce the number of hardware prototypes and develop new, innovative products."

[Altair](#) HyperWorks is an integrated CAE framework for complete virtual product development. It delivers an open, programmable platform that is easy to integrate into existing processes. OptiStruct is a highly advanced finite-element-based software for both structural analysis and design optimization, and is used to design, evaluate and improve performance of mechanical structures. HyperMesh is a high-performance finite-element pre- and post-processor that allows engineers to analyze product design performance in a highly interactive and visual environment. HyperView is a complete post-processing and visualization environment for finite-element analysis (FEA), multi-body system simulation, and video and engineering data. HyperView enables engineers to visualize data interactively as well as capture, standardize and automate post-processing activities.

"BSH is a well-known global manufacturer of leading-edge domestic devices. We are pleased that they have chosen HyperWorks as their engineering framework," said Dr. Detlef Schneider, managing director at Altair Engineering GmbH, Germany. "There is a tremendous industry need to address the growing demand for product quality improvements and development time savings with reliable simulation tools. With simulation, companies are able to make sound decisions earlier in their product development processes and to decrease prototype dependence. HyperWorks, with its broad suite of simulation tools for different applications, enables BSH to be more innovative, reduce development costs and allows them to focus on optimizing simulation quality."

 [Click here to return to Contents](#)

GM and PATAC Join EDS, Sun Microsystems and UGS PLM Software for Establishment of PACE Center at Tongji University

10 May 2007

In order to promote the continued development of China's automotive industry and foster industry talent, [General Motors](#) and its Pan Asia Technical Automotive Center (PATAC) joint venture have joined EDS, Sun Microsystems and [UGS PLM Software](#) in the creation of a PACE Center at Tongji University in Shanghai.

PACE (Partners for the Advancement of Collaborative Engineering Education) was founded in 1999. It has supported 39 leading academic institutions in 10 countries around the world through the contribution of computer-based engineering tools. Its goal is to provide students in mechanical design, engineering, analysis and manufacturing the practical skills they need for their professional careers.

The partners are providing the PACE Center at Tongji University's Jiading campus more than 700 seats of product lifecycle management (PLM) software including NX™, Teamcenter™ and Tecnomatix™ from UGS PLM Solutions, hardware for 50 workstations and GM-certified advanced training. The software and hardware is valued at more than US\$400 million. It is the largest single in-kind contribution made in the Asia Pacific region since the establishment of the PACE program.

The Tongji University PACE Center represents the first time that a world-class automotive PLM platform is being integrated into a Chinese university's classroom and laboratory curriculum. It has tremendous significance for the cultivation of automotive engineers and the university's own long-term development.

The PACE Center will not just be open to students in automotive engineering. Students and educators from disciplines such as mechanical engineering, civil engineering and industrial design will also be invited to make use of the Center.

Among the attendees at today's PACE Center opening ceremony at Tongji University were officials from Shanghai Municipality's Department of Science and Technology and Department of Education, GM China General Manager of Beijing Operations David Chen, PATAC President Raymond Bierzynski and

CIMdata PLM Industry Summary

Executive Vice President Yu Xiuhui, EDS Global Power Systems Director Alan Tung, Sun Microsystems Greater China Region Director Tony Lam, UGS director of UGS PLM Software Global Community Relations and GO PLM programs, Hulas King, and Tongji University Committee Chair Zhou Jialun and President Wan Gang.

According to David Chen, “This donation is very important for the training of China's engineering talent. The cutting-edge CAD tools will give students essential practical experience, allowing them to contribute to the ongoing development of China’s automotive industry. Our donation represents part of GM’s commitment to help lead China's automotive industry into the future.”

“PATAC is proud to be extending our cooperation with Tongji University to provide students advanced technology and product lifecycle management training,” said Raymond Bierzynski. “Our goal is to become a world-class automotive engineering, design and testing center. We expect the PACE Center to provide students an even stronger background in automotive engineering, which is the kind of experience we need to reach our goal.”

Quotes from other corporate leaders

Wan Gang said, We appreciate the confidence that PACE has shown in Tongji University through the establishment of the PACE Center. It will create a stable base for the creation of a first-class, open and international educational and scientific platform. It also will increase the position and effectiveness of Chinese universities within the automotive engineering field while enhancing cooperation between Chinese universities and multinational corporations in research and development and the fostering of industry professionals.”

“Partnering with Tongji University is an honor,” said Chuck Yuan, vice president and managing director for Greater China Operations, UGS PLM Software. “The university is one of China’s most prestigious schools and is widely known for their superior engineering programs. We are excited about investing in China’s future through education.”

Tongji University, which is celebrating its 100th birthday in 2007, is one of China’s prestigious academic institutions and an important training ground for Chinese automotive industry talent. The Tongji University Automotive Institute was established in 2002. With the help of a RMB 400 million contribution from government institutions and corporations, it has acquired cutting-edge automobile and engine R&D testing equipment. The institution has produced four generations of a locally designed and developed fuel cell vehicle, which it is aiming to manufacture on a large scale. By the end of this year, it will complete construction of the Shanghai Ground Transport Wind Tunnel Center and Automotive Modeling Research Center.

The Pan Asia Technical Automotive Center (PATAC) is a 50-50 joint venture between General Motors and Shanghai Automotive Industry Corp. Group (SAIC). Established in Shanghai on June 12, 1997, PATAC is China’s first automotive engineering and design joint venture, and the country’s largest R&D center. The vision of PATAC is to become China’s leader in providing competitive world-class automotive design, development and testing services. PATAC offers its services to GM, SAIC and their

domestic joint ventures. PATAC and its 1,200-member engineering team have been involved in several notable vehicle programs for Shanghai GM and SAIC-GM-Wuling. PATAC also has developed a series of concept vehicles that have been shown in China and the United States.

 [Click here to return to Contents](#)

HUMAX Selects Windchill® to Improve Product Development and Manufacturing of Digital Broadcasting Equipment

7 May 2007

[PTC®](#) announced that [HUMAX](#) Co. Ltd. has selected Windchill as the cornerstone of its electro-mechanical product development initiatives. In addition to using Pro/ENGINEER® for its CAD/CAM/CAE designs, Windchill will enable HUMAX to integrate its mechanical, electrical and software design environments into a single platform to help improve design accuracy, reduce costs and speed time to market of new products.

HUMAX is a leading developer of digital consumer electronics product and is a top manufacturer of digital Set-top boxes in Korea. With exports to more than 90 countries, HUMAX has grown into a global brand powerhouse that must consistently deliver state-of-the-art products and services to strengthen its leadership position. HUMAX required a single system that could manage all its design information from mechanical, electrical and software engineers and the interdependencies between these disciplines. HUMAX chose Windchill because its secure, web-based architecture will enable all of its design teams to collaborate and identify cross-discipline issues and capture dependencies that enable design validation early in the design phase.

“Effectively integrating MCAD and ECAD data management processes with software development processes have the greatest potential for consumer satisfaction. We must ensure the correct product components are packaged with the correct digital CE product before they are delivered to the market,” said Yong Hoon Lee, Corporate Innovation Division, HUMAX. “After examining various proposals, we selected Windchill, PTC’s production-proven content and process management software, as the most effective solution to solve these challenges and help us improve our product development environment.”

“HUMAX’s selection of PTC Windchill underscores our commitment to develop the technology and products specifically needed by the electronics and high technology industry,” said Chad Hawkinson, vice president product strategy, electronics, PTC. “We are pleased that one of Korea’s largest digital equipment manufacturers has selected our solutions for flexible product collaboration and data management and we look forward to continuing our work with them.”

 [Click here to return to Contents](#)

OMRON Corporation Expands Use of Moldflow Plastics Insight

11 May 2007

Moldflow Japan K.K., a subsidiary of [Moldflow Corporation](#) announced that it has received an order for Moldflow Plastics Insight® (MPI®) software from OMRON Corporation, a global leader in the field of automation. The order was received during Moldflow's third quarter of fiscal 2007 and further validates the strategy of continued expansion of Moldflow's geographic reach and further penetrating existing accounts.

Yoshitomo Okumura, Manager, Monozukuri Innovation Headquarters, Evaluation and Analysis Center of Omron Corporation which produces industrial automation, electronic components, social systems (ticket gate machines, ticket vending machines and traffic controls) and healthcare products, commented on the additional installation of Moldflow products, "We established a task force in the second half of fiscal 2006 to revolutionize our manufacturing capability and improve the quality of advanced design by enhancing our CAE technology capabilities." He continued, "We undertake highly complex analysis and collectively manage the technology and know-how that each department accumulates separately then distribute it throughout the company to strengthen our manufacturing capabilities. As one of our areas of focus is plastics flow analysis, we introduced Moldflow products based on the following criteria:

1. ease of deployment within the group; 2. the ability to couple plastics flow analysis with structural analysis; and 3. a robust CAD interface. MPI will allow us to manufacture high-quality plastics parts globally and provide our customers with high-quality products."

Seiji Kajiya, Vice President of Sales for Moldflow Japan comments, "OMRON Corporation has utilized Moldflow products in several of their factories since the 1990's. We appreciate that OMRON evaluated our products with positive results in the past and have now ordered additional products at this time." He continued, "In Japan, use of Moldflow technology has expanded beyond research environments and is now commonly used in business operations such as product development and design, mold design and manufacturing – allowing our customers to reduce their manufacturing costs, improve part quality and decrease time to market."

 [Click here to return to Contents](#)

Optichron Tapes Out Breakthrough DSP Device Using Cadence Encounter Timing System

8 May 2007

[Cadence Design Systems, Inc.](#) announced that Optichron, Inc. used the Cadence® Encounter® Timing System to achieve production success for its digital pre-distortion (DPD) linearization device, a vital technology for advanced wireless communications systems that process WCDMA, CDMA or WiMAX signals. The OP4400 is a monolithic integrated circuit (IC) and the industry's first commercially available, self-contained DPD device with proprietary Turbolinear™ technology, which virtually eliminates nonlinear (harmonic) distortion, the dominant performance limiter in power-amplifier applications.

With the Encounter Timing System, Optichron's engineers were able to gain improved time to market and achieve better productivity through a common electrical view of the entire design flow, and a debug environment for rapid diagnosis of multi-dimensional and interdependent timing-closure issues. The same signoff-quality analysis is also integrated within the Cadence SoC Encounter™ RTL-to-GDSII system, which reduces the risk of multiple front-to-back iterations to close timing.

"With growing design complexity and shrinking target process technology, our previous static timing analysis signoff solution was running out of steam," said Ravi Ramachandran, director of microelectronics at Optichron. "Encounter Timing System, with its exceptional performance and capacity gave us an edge through faster timing and signal integrity closure on our high-end designs. It also provided us significant benefit in accurate SI pessimism reduction and double-clocking detection capabilities. We found Encounter Timing System very easy to adopt and we used it exclusively for signoff in the OP4400 design tapeout. We have now made it our standard timing and signal-integrity signoff solution."

"The fundamental core advancements achieved through OP4400 allow system designers an increased degree of price/performance optimization that has historically not existed in amplifier design," said Roy Batruni, founder, chairman, CTO and executive vice president of engineering of Optichron. "As such, the OP4400 and future instantiations can and will be a very disruptive force in the area of power-amplifier design. The Cadence timing signoff and verification system was a significant enabler in the successful design of OP4400 with its innovative system features."

"Technological breakthroughs do not come easily, and we congratulate Optichron on their recent achievement with the OP4400 DPD device," said Dr. Chi-Ping Hsu, corporate vice president, IC Digital and Power Forward at Cadence. "Encounter Timing System delivers the utmost in completeness and signoff accuracy, enabling customers to achieve the highest quality design possible and improved time to market. We are delighted to have been selected as Optichron's partner of choice."

 [Click here to return to Contents](#)

Reitmans Selects PTC® Retail, Footwear and Apparel Solution for Global PLM Initiative

10 May 2007

[PTC](#) announced that [Reitmans](#), a specialty apparel retailer headquartered in Montreal, Quebec, has selected the PTC Retail, Footwear and Apparel solution, FlexPLM™, to facilitate global collaboration for its product development and supplier management initiatives. The strategic decision to use FlexPLM will enable Reitmans to optimize its PLM processes and reduce the time between design concept and general consumer availability.

Since 1926 Reitmans, has built its reputation on developing affordable, fashionable high-quality women's apparel. Today, Reitmans is the largest Canadian specialty apparel retailer delivering 16,000 new styles each year to over 900 stores. With an increasing number of fashion seasons each year that must address a constantly changing product landscape, Reitmans required a PLM solution that would give employees in different departments and divisions across the organization the ability to collaborate on product design and development. Additionally, the company wanted this solution to manage and control access to product data and images as well as facilitate collaboration among designers, merchandisers, sourcing personnel and suppliers located in Montreal, Hong Kong, Shanghai and throughout Asia.

Reitmans selected PTC after extensive research that included speaking with fellow retailers and suppliers, in addition to working with its in-house teams to understand the various requirements from multiple departments. Reitmans will implement FlexPLM to provide a dynamic, flexible PLM solution that supports centralized data management, workflow management and collaboration among its geographically dispersed users across all seven of its apparel divisions. FlexPLM will help Reitmans to facilitate global product development and to control all aspects of the development cycle so that products are delivered to the marketplace quickly.

“We selected PTC as our single-source provider of PLM solutions based on its flexible, best-in-class technology, corporate stability and proven success in delivering retail, footwear and apparel applications to this market,” said Diane Randolph, director, merchandising business processes, Reitmans. “FlexPLM is a very comprehensive application that we believe will need minimal configuration in order to meet our strategic business requirements. We look forward to a long-term strategic partnership with PTC.”

FlexPLM leverages Windchill®, PTC’s Web-based content and process management solution, to enhance the product development process. FlexPLM is an 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 apparel 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.

“PLM solutions enable companies like Reitmans to achieve significant time and cost savings through optimized product development processes,” said Kathleen Mitford, vice president, vertical market strategy, PTC. “We are glad to provide Reitmans with a sustainable, flexible solution that will enable them to manage the cross-functional business-focused process of designing and introducing new products to market faster.”

 [Click here to return to Contents](#)

RÜCKER-POLSKA Chooses Moldflow Plastics Insight

11 May 2007

Moldflow Corporation announced that RÜCKER-POLSKA Sp. z o.o., a branch of the corporation Rucker AG from Wiesbaden, Germany, has chosen Moldflow Plastics Insight® (MPI®) design optimization software to supply consulting services to the Polish plastics injection molding industry.

MPI can be used to simulate every viable molding process and a wide range of add-on modules is available, allowing for in-depth specialization. Many of the world’s top manufacturers in the automotive, medical, packaging, consumer products and electronics industries rely on MPI every day to ensure that their products meet ever-increasing quality requirements and cost targets.

“We are pleased that Rucker Polska has chosen MPI to enhance its broad spectrum of consulting services provided to customers in the plastics injection molding industry in Poland,” explained Gerd Over,

Moldflow Eastern Europe Territory Manager. He continued, "Rücker Polska employs highly skilled engineers and I am certain MPI will allow them to offer a new level of service to their customers."

Jan Gierej, Managing Director at Rücker Polska states, "In order to remain competitive now and in the future, we must respond to constantly changing demands from our customers. Many of them are already convinced of the value of Moldflow products and after a series of intense benchmarks, we have confirmed the reliability of MPI analysis results." Mr. Gierej continued, "We have decided to invest in [Moldflow](#) simulation software to expand our core competence and to help our customers optimize their mold designs. As a result, we fully expect that they will meet the quality requirements that apply to precision molds when we use Moldflow simulation tools at an early stage."

About RÜCKER-Polska

RÜCKER-Polska is a part of the internationally renowned design and development corporation - Rücker AG - with headquarters in Wiesbaden, Germany. It has been operating in Poland since March 1990, employing 80 degreed engineers working in 5 locations throughout the country. Rücker-Polska focuses on computer aided design, machining and engineering projects for the automotive industry, providing consulting services to European and International markets.

 [Click here to return to Contents](#)

Skidmore, Owings & Merrill's Structural Engineering Group Chooses Altair Engineering's HyperWorks OptiStruct Software for Structural Development

9 May 2007

Skidmore, Owings & Merrill's Structural Engineering Group Chooses Altair Engineering's HyperWorks OptiStruct Software for Structural Development

[Altair Engineering, Inc.](#) announced that the Structural Engineering Group of Skidmore, Owings & Merrill LLP (SOM) has chosen Altair's OptiStruct and other HyperWorks tools to provide advanced optimization technology for the structural development of its landmark buildings. The HyperWorks framework, of which OptiStruct is a part, is an integrated suite of advanced computer-aided engineering (CAE) tools for product design.

SOM, one of the world's leading architecture, urban design, engineering and interior architecture firms, is widely recognized for sophistication in building technology applications and its commitment to design quality. The firm's portfolio features some of the most important architectural accomplishments in this century, including Chicago's Sears Tower and John Hancock Tower, as well as the Burj Dubai tower in Dubai, U.A.E., which is currently under construction. When completed, it will be the world's tallest building.

"SOM is extremely proud of its reputation for designing unique, highly functional buildings that transform natural forms into extraordinarily beautiful architectural composition," said Alessandro

Beghini, Ph.D., of Skidmore, Owings & Merrill's Chicago office. "We are confident that HyperWorks OptiStruct can streamline the advanced finite-element analysis process that is critical to the successful structural engineering of these buildings."

HyperWorks OptiStruct is finite element-based software for conceptual design, analysis and optimization. Using topology and topology optimization methods, OptiStruct enables engineers to develop reliable, structurally efficient designs from package space information in significantly less time than traditional methods. Especially when integrated early in the development process, OptiStruct's powerful solver intelligently predicts, validates and refines designs that result in robust, innovative outcomes.

"Architectural and structural engineers can now take full advantage of advanced CAE technology to promote creativity and reduce cycle time in the building development process," said Jeff Brennan, vice president of Altair's HyperWorks business group. "Altair is delighted that a prestigious, global architectural and engineering firm like SOM has recognized the benefits of OptiStruct in improving structural design, and we look forward to supporting the evolution of incorporating this technology into the building design process."

 [Click here to return to Contents](#)

SolidWorks and COSMOS Software Help ORBIS Stretch the Boundaries of Plastic Design

7 May 2007

[SolidWorks](#)® 3D CAD and [COSMOSWorks](#)® analysis software helped packaging company ORBIS, formerly LINPAC Materials Handling, avoid millions of dollars in extra costs producing a super-sized, state of the art container that stretched plastic design to its limits, SolidWorks Corporation announced. [ORBIS Corporation](#) acquired LINPAC Materials Handling in January 2007.

Design Engineer Todd Turner estimates SolidWorks and COSMOS software reduced retooling costs by 50 percent for its new SmartVault™ container that LINPAC (now ORBIS) custom designed for [Smart Move, Inc.](#) (MVE), a Denver, CO based asset management company.

Engineers used COSMOSWorks to analyze the design for weaknesses and SolidWorks to modify the design, which eliminated late-stage changes that previously forced the company to alter production lines after they were built. "The software also cut anywhere from six months to a year from the development cycle," Turner said, "and enabled us to manufacture the SmartVault™ on an existing injection press instead of having to invest in a new press.

"We had to get the design under a certain weight so it could be molded on our existing presses and keep material costs down," Turner said. "The design had to be very precise to fit on the press and deliver the needed strength. We couldn't possibly have done so exact a design without SolidWorks and COSMOSWorks."

The result is a packing case light enough for economical common carrier shipping, yet large and strong enough for Smart Move, Inc. to ship household goods, and commercial goods in a cost-effective, secure, state of the art container. “Though outwardly a simple plastic box, the SmartVault™ was just as complicated to design as an aircraft wing, if not more,” Turner said, “because of plastic’s physical properties.”

“The SmartVault™ is a very new design for a plastic container. Our container components are very large for plastic structures, and we couldn’t have them very thick or add too many steel support bars because we had to minimize weight,” Turner said. “To create the necessary support, we needed a very complex mesh structure comprised of thin walls. That created a lot of deflection in the design, and we had to anticipate where excessive deflection would cause a failure. We fed the material properties of the structural foam we used into COSMOSWorks, and were easily able to analyze the foam’s behavior in different configurations.”

Customers in industries as varied as electronic components, aerospace, construction and consumer packaged goods use SolidWorks and COSMOSWorks software to finely calculate material use. Analyzing with COSMOSWorks and modifying with SolidWorks helps engineers create products strong enough to resist failures yet with no extra material to add weight and cost.

“Design optimization is a major component of superior product design,” said Ramesh Ramalingam, SolidWorks manager of product management, analysis products. “A material-efficient product is better than a product that might be equal in every other way because it costs less to manufacture and is less wasteful at the end of its life. The innovative SmartVault™ container demonstrates the imagination of the ORBIS design team and the flexibility and power of the SolidWorks and COSMOSWorks software, together they were able to overcome stringent design requirements and material use restrictions to produce a superior solution for their customer.”

ORBIS has realized additional significant savings on other design projects since switching to SolidWorks and COSMOS. ORBIS works with SolidWorks reseller 3DVision Technologies for technical support and maintenance.

 [Click here to return to Contents](#)

Thailand’s Largest Manufacturer of Household and Industrial Products Purchases Moldflow Plastics Insight

10 May 2007

[Moldflow Corporation](#) announced that Tre-Atthaboon Industry Co., Ltd has recently invested in Moldflow Plastics Insight® (MPI®), which will allow them to optimize the development and manufacture of household and industrial plastics products such as tableware, disposable utensils, storage bins, outdoor furniture and shipping pallets. MPI consists of almost 20 individual modules capable of simulating a wide range of part and mold configurations and leading edge injection molding processes.

Mr. Chatchai Tre-Atthaboon, Managing Director of Tre-Atthaboon Industry Co., Ltd, states, “We fully expect the implementation of Moldflow products to allow us to further solidify our position as Thailand’s leading manufacturer of plastic household and industrial products. MPI will help us shorten our product development times, maximize part quality and minimize waste, all of which will increase our efficiency and save on manufacturing costs.”

Richard White, Moldflow’s Pacific Rim Sales Manager comments, “Given that Moldflow is the world’s most widely used plastics simulation software, our customers can be sure that we will provide them with innovative, technologically advanced and reliable solutions that add value to their operations.” White continued, “We are confident that Tre-Atthaboon Industry’s investment in MPI will help them meet the ever increasing quality requirements and delivery timelines of their customers.”

 [Click here to return to Contents](#)

Tsinghua University Implements 500 seats of SolidWorks Software to Help Expand China's Base of Mechanical Design Skills

9 May 2007

One of China's prestigious universities is implementing 500 licenses of SolidWorks® 3D computer aided design (CAD) and COSMOS® design validation software to accelerate the popularity of design technology in the country's engineering sector, [SolidWorks Corporation](#) announced. SolidWorks is now the largest CAD implementation at Tsinghua University, which is often described as “the MIT of China” and counts Chinese President Hu Jintao among its graduates.

The university plans to use 200 licenses of the software in its CAD education center. The others will be distributed throughout eight of the university's departments, available to students in eight departments including mechanical engineering, automotive engineering, and electromechanical engineering. The Tsinghua CAD education center will provide training and support for educators at other Chinese universities who want to take the Certified SolidWorks Professional (CSWP) examination. SolidWorks will also provide 200 licenses of SolidWorks Student Edition software so students can practice their 3D CAD skills outside of the classroom.

“Our goal is to become a center of 3D CAD knowledge in China,” said Wang Junying, director of CAD Teaching Center, Tsinghua University. “By training our own students in SolidWorks, a leader in 3D CAD, we're making an immediate impact on the market by providing companies with engineering professionals who have a valuable skill. Training educators from other institutions is part of our long-term goal of raising the general level of 3D design competence throughout China.”

Tsinghua University's CAD education center is one of China's major providers of CAD education, training educators, researchers, and engineers in international CAD/CAM, PDM, and CAE engineering software. The Tsinghua University CAD center's mission is to promote creativity and innovation by offering undergraduate and graduate students courses on topics such as CAD use, mechanical principles, mechanical component design, computer aided plotting, and integrated CAD/CAM.

The Tsinghua University implementation is part of the worldwide SolidWorks Education Program, which helps educators integrate 3D design into their curricula. The program is recognized around the world in the government, industrial, and education markets. More than 4,700 educational institutions around the world have selected SolidWorks software as their standard 3D CAD teaching solution. More than 100,000 students graduate each year with SolidWorks software experience. Currently, eight of China's top 10 universities offer SolidWorks 3D CAD software courses.

“We believe that all mechanical designs will be created with 3D software in the future because it is the most accurate medium for depicting a product and it encourages designers to innovate,” said Chen Chaoxiang, technical director of the Greater China Region for SolidWorks Corporation. “To help that transition, it is vital for China's major learning institutions to train students in widely used 3D CAD software such as SolidWorks. We're looking forward to playing a role in their efforts to extend 3D CAD into every corner of the mechanical engineering community.”

[Tsinghua University](#) is working with SolidWorks reseller SolidWizard for maintenance and support.

About SolidWizard

Since its founding in 1997, SolidWizard has worked as the general agent of SolidWorks. It provides consulting services for system integration of SolidWorks and six other main product lines including: CG/CAID/CAD/CAE/CAM/PDM. SolidWizard provides high quality software and hardware, as well as technical consulting and training courses led by its technical teams with rich experience. It has six subsidiaries in Shanghai, Dongguan, Suzhou, Ningbo, Nangjing and Tianjin in Chinese mainland.

 [Click here to return to Contents](#)

UMBRO Deploys PTC Solution for Retail, Footwear and Apparel To Shorten Lead Times and Reduce Development Costs

9 May 2007

PTC announced that [UMBRO](#), a globally-recognized manufacturer of soccer related products, has selected PTC's FlexPLM solution for retail, footwear and apparel. The solution leverages the power and scalability of Windchill®, PTC's web-based content and process management solution, to improve the product development process. By improving collaboration and increasing the visibility of all product-related information across its global organization and the supply chain, UMBRO expects to shorten lead times and reduce development costs.

UMBRO Group (based in the UK) designs, sources and markets football/soccer-related apparel, footwear and equipment for professional and amateur soccer players which are sold in over 90 countries. The company supplies training and playing kits to national teams and some of the leading clubs in the world. Like most companies in this highly competitive industry, UMBRO faces the challenge of balancing shortened design cycles and the growing complexity of its product portfolio.

The global markets for sports apparel and footwear increasingly overlap with the leisurewear market. UMBRO is positioning its range of product lines to benefit from this convergence. Cycle times in the leisurewear market are typically even shorter than in sports apparel and the cost pressure is extremely high. This trend has driven leading brands like UMBRO to invest in Product Lifecycle Management (PLM) solutions to improve competitive advantage in this fast-moving business.

“We chose PTC's FlexPLM solution for its broad set of capabilities, including its excellent design interface, strong workflow support and the ability to get started quickly,” said Graham Collins, UMBRO's PLM project manager. “When we looked at the different solutions available on the market, PTC's expertise was most convincing. The PTC Value Roadmap tool helped us clearly identify the link between improvements in our product development processes and our corporate objectives.”

The PTC Value Roadmap is a fully configurable, interactive software application that matches a company's unique goals with vertical industry best practices. It is based on PTC's long experience working with customers in different vertical industries. Applying the Value Roadmap helps customers realizing value from PLM by enabling them to align and prioritize business and product development goals with industry-specific process improvements. The result is a rational technology adoption path that is tailored to each individual organization's objectives.

FlexPLM will be used by about 100 users within the design and product development teams at the UMBRO UK headquarters and an office in Hong Kong. PTC's global services team is deploying the solution and helping to establish new design workflows which will replace the manually organized product development processes. FlexPLM will be integrated with UMBRO's existing ERP system, linking the product development and enterprise systems. “We expect the visibility across the enterprise of all design and product development data will not only reduce the development costs and shorten lead times for us, but also help improve overall product quality and consistency throughout our licensee network,” concluded Collins.

“Poor collaboration and disjointed processes in product development are some of the key problems in the footwear and apparel industry, which can have a negative impact on lead times,” said Kathleen Mitford, vice president vertical market strategy, PTC. “These problems can be overcome by a PLM solution that connects the business processes and its participants, allowing them to share information upstream and downstream seamlessly.”

 [Click here to return to Contents](#)

“White Collar” Design Studio Chooses OptiTex Software to Manage Its Design Processes

6 May 2007

Israeli based [OptiTex Ltd](#), recently announced that “White Collar” fashion design studio has chosen OptiTex software to manage its design processes.

“White Collar” studio, founded by Ehud Ziv-Av and Maya Baranes, specializes in tailored women’s clothing and haute couture. The studio recently launched its 2007 summer collection – a combination of today’s international trends from an Israeli perspective. The software is already being successfully operated in the studio, with OptiTex providing professional training for pattern makers.

Ehud Ziv-Av: “White Collar” studio was founded two years ago with the objective of managing the design process using the most contemporary technologies on the market to express the spirit of the era. We specifically chose OptiTex technological solutions because they proved to be most suitable for our needs.”

According to Ran Machtinger, CEO of OptiTex, “White Collar” joining the ranks of OptiTex customers reinforces the tendency for more and more Israeli designers to choose OptiTex software for managing their design processes, another example of which is leading designer, Michal Negrin who recently also adopted the company’s solutions.

 [Click here to return to Contents](#)

Product News

Catalog Data Solutions New Online Catalog Search Increases Design Productivity

8 May 2007

Catalog Data Solutions ([CDS](#)) announced the immediate availability of a new version of its CDS Catalog™ incorporating CDS Locator™ technology.

"Finding the right product fast, based on the exact specifications that the designer needs, is a key to productivity gains during the design process," said John Major, CEO Catalog Data Solutions. "We are delighted to make this new technology available to design engineers through product manufacturers and distributors. For companies that have large numbers of similar products a specification or attribute based search is fundamental and side-by-side product comparison essential. It also works seamlessly with the CDS ModelServer™ to enable designers to download rather than redraw the selected 3D parts, thereby further enhancing design productivity."

"The [Gates](#) Industrial Hose Catalog provided by CDS now includes sophisticated location and navigation for chemical hose compatibility features via the CDS Locator™ advanced search functionality," said Todd Mueller, Manager, Business Development at Gates Corporation. "This reduces overall design time by enabling customer engineers to quickly find parts, confirm selection through CAD interrogation and download CAD models into their own system." <http://www.gates.com/designconnect> [registration required]

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. With many customers moving from 2D to 3D CAD systems, providing online 3D CAD model downloads often gives suppliers an earlier opportunity to have their products adopted in new designs. Conversely suppliers without 3D models on their website are at risk of losing customers to their competition who do offer 3D models.

 [Click here to return to Contents](#)

Dassault Systèmes Delivers PLM SOA Enterprise Middleware with ENOVIA MatrixOne

9 May 2007

Dassault Systèmes ([DS](#)) announced the availability of ENOVIA MatrixOne 10.7.1. ENOVIA MatrixOne 10.7.1 is a major breakthrough in DS's delivery of its SOA vision for PLM. ENOVIA's PLM SOA enterprise data warehouse infrastructure and middleware, collaborative business process applications, and industry specific accelerators enable enterprise PLM collaboration to speed delivery of new products to market. This solution supports DS's strategy to target and support eleven vertical industries, inline with the delivery of 3DLive, DS's revolutionary solution for online collaborative intelligence.

“With ENOVIA MatrixOne 10.7.1, DS shows process and industry coverage among the widest of any PLM provider. In addition, the combination of 3DLive with ENOVIA's federated data management capability offers a unique experience to search, navigate and collaborate on PLM data from multiple sources,” says Ed Miller, president of CIMdata, a leading PLM consultancy.

“ENOVIA MatrixOne 10.7.1 brings value to customers, with unrivalled process coverage. The ENOVIA PLM SOA enterprise middleware makes PLM a critical factor in its customers' success and rapidly adapts to their current and future business challenges. This brings the power of DS's cutting edge solutions to the heart of any enterprise. The successful integration of ENOVIA MatrixOne's technology into the ENOVIA and DS offering is a key element in this,” explains Joel Lemke, ENOVIA CEO, Dassault Systèmes.

ENOVIA PLM SOA middleware supports DS's end-to-end solutions offering, as well as non-DS PLM applications. ENOVIA PLM SOA middleware enables its customers to integrate collaborative business processes into other SOA environments. Its scalable enterprise architecture meets the demands of enterprises of any size. Flexible, it offers connectivity and interacts with existing legacy or enterprise solutions, federating information from multiple sources, such as ERP, CRM and PDM. ENOVIA's scalable enterprise PLM data warehouse manages the view of all enterprise information.

ENOVIA PLM SOA applications respond to multiple industries' needs, accessible for any enterprise user. ENOVIA MatrixOne 10.7.1 delivers significant industry-focused enhancements to its accelerator solutions including Semiconductor Design Data Management, Apparel Design and Development, Aerospace and Defense Program Management and Medical Devices. With its collaborative business process applications, ENOVIA MatrixOne 10.7.1 brings business process coverage. Key enhancements include: program management, classification and materials compliance management.

DS's lightweight solution, 3DLive, leverages the full power of real-time 3D through an intuitive user interface to search, navigate and collaborate online, which puts product intellectual property at the fingertips of everybody involved in PLM activities, wherever they are. ENOVIA MatrixOne 10.7.1 brings the benefits of 3DLive to any ENOVIA MatrixOne user.

 [Click here to return to Contents](#)

Dassault Systèmes Announces Full Access to ENOVIA MatrixOne's Business Process Capabilities for all CATIA/ ENOVIA VPLM Users

9 May 2007

Dassault Systèmes ([DS](#)) is delivering full access to ENOVIA MatrixOne's collaborative process capabilities for all CATIA/ENOVIA VPLM users as part of its ENOVIA MatrixOne 10.7.1 solution, announced today. DS is fully leveraging the power of the ENOVIA open SOA architecture to integrate any business process and application, resulting in unmatched benefits for customers across a variety of industries.

“The concurrent use of ENOVIA MatrixOne and ENOVIA VPLM will allow Honda to deploy a unified business process that connects complex engineering activities to business process management in a seamless collaborative environment, enabling Honda to deliver new products to market more quickly,” explains Hideyuki Tanaka, manager of Computed Integrated Systems 3 Department at HONDA R&D Auto Tochigi, in charge of PLM.

“Less than a year after DS's acquisition of MatrixOne, DS is delivering a global ENOVIA solution combining the detailed product knowledge of its CATIA/ENOVIA VPLM offering with the enterprise visibility and powerful collaborative business process management capabilities of ENOVIA MatrixOne. This is part of our strategy to provide maximum value to our customers and the most comprehensive PLM offering on the market,” says Joel Lemke, ENOVIA CEO, Dassault Systèmes.

DS's CATIA/ENOVIA VPLM customers, thanks to ENOVIA's flexible SOA infrastructure, will have full access to the collaborative business process capabilities offered by the ENOVIA MatrixOne offering. Direct access from ENOVIA MatrixOne to the ENOVIA VPLM engineering work-in-progress environment will give project managers real-time visibility into engineering activity and project status, allowing them to identify potential issues early in the product development process – reducing time and costs while improving decision making. Customers will also benefit from a new ENOVIA solution that combines management of design work-in-process and X-BOM views, seamlessly integrating design and engineering communities with the rest of the enterprise.

With ENOVIA MatrixOne 10.7.1, DS delivers a complete, unified ENOVIA environment. Many other enhancements are detailed in a separate announcement, “Dassault Systèmes Delivers PLM SOA Enterprise Middleware with ENOVIA MatrixOne 10.7.1”.

 [Click here to return to Contents](#)

Delcam Launches New Versions of PartMaker and SwissCAM

3 May 2007

Delcam's PartMaker Division has launched new releases, Version 8, of its PartMaker family of CAM systems. The new versions of PartMaker and SwissCAM feature a wide range of improvements including enhancements to the system's synchronisation functionality, plus improvements in 3D simulation, handling of solid models and 3D surface machining operations. PartMaker Version 8 also marks the introduction of the Full Machine Simulation module, which allows users to view a photo-realistic 3D model of the machine for which they are programming.

"Version 8 represents a seminal release for the PartMaker family because it includes so many productivity-enhancing features," according to Hanan Fishman, PartMaker Division President. "From improved 3D simulation, to enhanced solids-based programming to better NC program optimisation tools, PartMaker Version 8 is another major step forward for our technology, a step forward that will allow our users to seriously enhance their productivity in CNC programming."

General System Improvements

PartMaker Version 8 is the first release to support operation under Windows Vista. Version 8 also has many improvements to the Process Table function, the unique method within the software to control and optimise the synchronisation of operations on advanced machine tools. The main enhancement is an improved method for adding new processes created after the initial Process Table has been generated. To improve ease of use, individual processes can now be turned off and on from the Process Table one by one for simulation or NC code generation.

Simulation Enhancements

Improvements to 3D simulation in PartMaker Version 8 are vast, both to Basic and Advanced Simulation. Improvements include the ability to compare a machined model to the original solid model imported. Advanced Simulation and the Production Milling Module allow for the selection of different types of part textures. Advanced Simulation for Turn-Mill and SwissCAM also now displays tool numbers directly on Tool Posts.

Introduction of Full Machine Simulation

PartMaker Version 8 includes the introduction of the Full Machine Simulation (FMS) option for PartMaker Turn-Mill and SwissCAM. FMS provides a more realistic simulation of the machining process by allowing the user to simulate true solid models of a machine's actual components. FMS provides a very intuitive user interface to assemble solid model machine components and tools from the Tools Database into a realistic simulation of the part being programmed.

Solids Enhancements

Working with imported solid models is more productive in Version 8. Turned profiles are automatically extracted from parts with a single mouse click. Verification of tool paths can now be seen directly on the solid model for all operations. Solid model assemblies can be directly imported as well. Support for SolidWorks 2007 and Autodesk Inventor 2008 is provided.

3D Surface Machining Optimised

A variety of new and easy-to-apply optimisation strategies for 3D surface machining has been provided in Version 8. These new optimisation strategies both greatly speed up the programming of 3D surfaces while reducing the amount of NC code generated for such operations

 [Click here to return to Contents](#)

DesignAdvance Boosts PCB Design Automation with CircuitSpace v2.1

8 May 2007

[DesignAdvance™ Systems, Inc.](#) announced the CircuitSpace™ 2.1, a design automation tool for PCB component placement. CircuitSpace 2.1 improves PCB design automation through patented auto-clustering technology, intelligent design reuse and replicated layout. By implementing CircuitSpace 2.1 into the PCB design process, designers are able to shorten design cycle timelines by weeks and improve communication between design teams, ultimately saving design costs and improving productivity.

“Today at Credence, many of our boards have repetitious circuits, so when I saw a demonstration of CircuitSpace, I was excited to get the tool. In our first application of CircuitSpace, we saved several days with our initial placement alone,” stated Rick Bearden Sr., PCB Design Manager at Credence Systems Corporation. “Our engineer made several changes to the circuit and CircuitSpace saved us valuable design time and assured us that our designs were complete and not missing components,” continued Mr. Bearden.

Leading technology companies recognize that reductions in PCB design time have a direct impact on time-to-market for new products, which directly correlates to profitability. “Since the initial release of CircuitSpace, we have worked closely with our customers in developing next generation of advanced automation technologies for PCB component placement,” said Edward Pupa, DesignAdvance’s CEO.

CircuitSpace v2.1 implements a hierarchical approach to printed circuit board design through enhanced autoclustering™, intelligent design reuse and replication technologies.

Featured Capabilities:

- AutoClustering™
- Intelligent physical design reuse and replication

- Concurrent layout development project wide
- Template generation for global library usage across divisions
- Template usage with and without etch
- Automated layout reference designator propagation
- Advanced sustaining engineering and ECO process
- Automated change report between layout designs

Availability

CircuitSpace v2.1 is now available. For product pricing information please contact DesignAdvance sales at sales@designadvance.com .

 [Click here to return to Contents](#)

Freeborders Announces Release of Quad PLM

1 May 2007

[Freeborders](#) PLM announced the release of Quad PLM, a web-based collaborative development solution. Quad and Quad PLM Express, designed for smaller companies, will be available early in the Third Quarter, this year.

“Freeborders Quad takes PLM to the next level,” says Debbie Baldini, Managing Director of Freeborders Retail Practice. “This exciting new software will enable our customers to deliver better on-time performance in a more efficient, easier manner.” As a testament to its superiority, Baldini says, about 75% of Freeborders’ current customers reported that they planned to upgrade to Quad.

The Quad PLM suite offers updated technology, including an easier configuration, multi-language capabilities, and an intuitive user interface. “Quad will shorten the design cycle, reduce the amount of physical samples needed, and bring product managers closer to their trend,” Baldini says. “Its multiple modules allow users to consolidate data and easily communicate with one another.”

Comprised of 11 modules, the Quad PLM suite offers solutions on planning, product design, pre-production, raw material management, sourcing and production and foundation. “It’s no coincidence that this product is named ‘Quad,’” says Baldini. “In addition to being the evolutionary -- and revolutionary -- fourth generation of the Freeborders PLM solution, Quad is the accessible meeting place for everyone involved in the PLM lifecycle.”

Quad PLM Express, which was also introduced today, offers a low barrier entry for small-to-medium-sized enterprises to springboard into the marketplace. The solution features a low-cost investment, quick implementation, and most importantly, the ability to grow with the company as the business grows.

“Freeorders is committed to providing our customers with the most efficient, ground breaking technology at competitive pricing,” Baldini says, “and we’re proud to introduce Quad as part of that commitment.”

Freeorders will be demonstrating Quad PLM at their booth (# 1200) at the [Material World Show](#), May 8-10 at the Miami Beach Convention Center. Visitors are welcome anytime, but appointments are encouraged. Please contact Robert D. Bangser, Senior Director of Business Development, at 203-803-1379 to schedule an appointment.

 [Click here to return to Contents](#)

Geometric Releases Feature Recognition Version 15.5

7 May 2007

[Geometric Software Solutions](#) announced the release of Feature Recognition Library version 15.5 with significant new enhancements in milling, turning, and sheet metal capabilities.

These enhancements include:

- Milling and drilling : Support for C-axis feature recognition
- Sheet metal feature recognition : Unfolding conical shaped tubes and tubes with split faces
- Turning (axi-symmetric) : Performance enhancement of feature recognition
- Machining Optimization : Improved recognition of intersecting features that can be machined from the same starting level
- 64-bit support

Detailed information is available at <http://feature.geometricsoftware.com>.

About Feature Recognition

Feature Recognition Technology is a mature, patented technology from Geometric Software Solutions Co. Ltd. This technology enables intelligent extraction of valuable data from the CAD models, reuse of existing CAD information, and analysis and automation of manufacturing process; thereby resulting in an

overall improvement in productivity. Feature Recognition finds application in Data Translation, Design For Manufacturability (DFM), Finite Element Analysis (FEA), Machining, Process Planning and Cost Estimation.

Availability

Feature Recognition library is available on ParaSolid v17, ACIS v15, v16 geometry kernels; and SolidWorks® 2006/2007. It can also be ported over other modelers and proprietary geometry kernels on demand. Please visit <http://feature.geometricsoftware.com> to download the evaluation version.

 [Click here to return to Contents](#)

Gerber Technology Introduces AccuScan Automated High-Speed Digitizing System

8 May 2007

[Gerber Technology](#) introduced AccuScan, an automated, high-speed pattern digitizing system that eliminates the need to digitize patterns manually. This new scanning technology digitizes multiple patterns simultaneously and outputs AccuMark pattern pieces. AccuScan is typically 20-50 percent faster than manual digitizing, depending on the complexity of the pieces being digitized.

AccuScan scans pattern board, oak-tag or paper plots at accuracies within 1.5 mm providing a much higher level of accuracy over manual digitizing. The system automatically detects notches, grain lines, internal lines, drill holes and the part perimeter, ensuring that the patterns are digitized exactly as submitted by the pattern maker.

Easy to integrate into operations, AccuScan may be added to an existing AccuMark workstation or installed on a standalone PC without AccuMark software. The graphical user interface is straightforward reduces operator training when compared to manual digitizing. The scanner control panel is easy to use with only a few buttons to learn.

G&M Services of Dallas, Texas, a grading and marking service provider to apparel and other sewn goods industries, conducted an in-depth evaluation of AccuScan and were impressed with the results they received. Gary Kay, Manager of G&M Service stated, “We believe Gerber’s AccuScan could easily replace manual digitizing.”

“AccuScan fulfills the need for quick, accurate digitizing required in demanding production environments,” said Ron Ellis, product manager, Plotter/Peripherals and Control Systems. “It is easy to learn and easy to use and is more ergonomic than manual digitizing. Customers will experience immediate improvements in productivity and a reduction in digitizing costs.”

 [Click here to return to Contents](#)

Informative Graphics Releases Brava! Enterprise 5.2 Java Version

8 May 2007

Informative Graphics Corporation (IGC) announced the latest release of its Java version of the Brava!® product line, Brava Enterprise 5.2J.

Version 5.2J is the next step in IGC's secure, Java-based viewing technology, bringing popular features like thumbnail views, term-hit highlighting, redaction, markup consolidation and the ability to output to PDF to the versatile, client/server viewer.

Brava Enterprise is designed for scalability, handling large user loads. It reduces admin and hardware cost by bringing unified view and annotation capabilities to a large number of users inside and outside the firewall. Brava! Enterprise integrates into existing systems, honoring user rights, leveraging metadata and managing annotations. Brava Enterprise has been deployed in a wide variety of industries like Finance/Insurance, Legal, Construction, Manufacturing, Pharmaceutical and Petrochemical.

Brava Enterprise is integrated with leading content management systems like EMC Documentum and Open Text Livelink ECM, Interwoven WorkSite MP and Microsoft SharePoint, and project management systems like Primavera Expedition and Meridian Project Systems, as well as many commercial collaboration web sites.

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



[Click here to return to Contents](#)

Mentor Graphics Announces Synthesis Support for New Altera Arria GX FPGA Family

8 May 2007

[Mentor Graphics Corporation](#) announced that its suite of advanced synthesis products supports the newly introduced Arria GX field programmable gate arrays (FPGAs) from Altera Corporation. Both companies have been in close cooperation to ensure Precision® Synthesis support for the full range of Arria GX devices with release 2007a3.

Arria GX, Altera's latest family of FPGA devices, is designed to deliver protocol-optimized transceivers at a cost point attractive to high-volume applications. "Arria GX expands Altera's already impressive offering of FPGAs, broadening the portfolio of products with integrated transceivers," said Simon Bloch, general manager, Mentor Graphics Design Creation and Synthesis Division. "Designers using Arria GX FPGAs will benefit from the advance features of Precision Synthesis to meet their design goals both predictably and rapidly."

The companies began collaboration late last year on supporting the Arria GX FPGA family within the Mentor Graphics family of synthesis tools. "Precision Synthesis' high quality of results, advanced design

optimization and analysis capabilities enable users to reduce costs and accelerate the overall design process,” said Danny Biran, vice president of product and corporate marketing at Altera. “We recommend Precision Synthesis to our customers for all Altera families including our new Arria GX family.”

Precision Synthesis forms the centerpiece of Mentor Graphics’ FPGA flow 's. With advanced support for ASIC prototyping (support for DesignWare® libraries, SDC constraints, gated-clock handling, etc.) plus advanced implementation and optimization techniques such as automatic mapping and inferencing of dedicated DSP and RAM blocks, Precision Synthesis is suited to handle today’s high-end FPGAs. In addition, Precision Synthesis features a design analysis capability, allowing designers to cross-probe between multiple views as well as perform interactive static timing for rapid "what-if" analyses. Precision Synthesis reduces design iterations, and enables faster, more predictable completion of designs, while delivering high quality of results.

 [Click here to return to Contents](#)

Mentor Graphics Delivers Enhanced 0-In Clock Domain Crossing and Formal Verification Technology

8 May 2007

[Mentor Graphics Corporation](#) announced the immediate availability of version 2.5 of the 0-In® Clock Domain Crossing (CDC) and Formal Verification products. This new release includes significant technology enhancements allowing customers to apply advanced assertion-based verification techniques across a wider range of design types more efficiently. Specifically, the enhancements deliver increased performance and capacity to enable a more rapid means of finding and correcting critical bugs prior to committing designs to silicon. Moreover, through an improved graphical analysis and debug environment customers can be more productive in resolving the toughest bugs in their chips.

Mentor continues to give significant attention to Clock Domain Crossing (CDC) analysis and Formal Verification technology as it strives to meet the challenges of functional verification. To enable a more comprehensive functional verification solution, the CDC and Formal Verification technologies delivered in 0-In Release 2.5 are tightly integrated with the Questa™ advanced verification platform.

CDC and Formal Verification Technology Enhancements

With this release, the CDC verification functionality efficiently supports a hierarchical methodology that enhances the performance and capacity of CDC analysis and allows the tool to scale with the size of the design. Additionally, enhancements to the core CDC analysis technology deliver improved support designs with multiple modes allowing users to visualize CDC analysis results across all valid combinations of modes in the design.

The Formal Verification functionality has been enhanced with a new edge-based clock model that enables users to accurately model designs with multiple asynchronous clocks. This new clock model

expands the capacity of formal exploration by 2 – 10 times depending on the design. Additional proof engines enable users to prove a new class of design properties by integrating multiple formal engines within one tool.

"We have a very strong commitment to deliver excellent technology and exceptional support through our 0-In product portfolio," said Robert Hum, vice president and general manager of Mentor Graphics Design Verification and Test division. "Our customers face tremendous verification challenges and the 0-In tools address some of the most critical verification areas."

 [Click here to return to Contents](#)

RuleStream Expands to Gold-Tier Member of PTC Partner Advantage™ Program

8 May 2007

[RuleStream Corporation](#) announced that it has expanded its commitment to Pro/ENGINEER® Wildfire™ users worldwide by upgrading to the Gold Tier of PTC's Partner Advantage™ program.

RuleStream's enterprise-class design automation software accelerates engineer-to-order (ETO) and new product design related business processes by intuitively capturing and reusing product engineering, sales and manufacturing knowledge.

"To succeed in today's global environment, manufacturers are investing in new ways to improve product development processes while maximizing flexibility and agility," said Andy Barlow, senior director, business development, PTC. . "The RuleStream design and engineering automation solution can help customers to streamline processes and increase the efficiency of their product development initiatives to increase competitive advantage."

"Our expanded relationship with PTC reflects the growing recognition of the value RuleStream's design automation tools bring to the development of both new and custom products," said Robert Nierman, CEO of RuleStream. "RuleStream extends the value of Pro/ENGINEER to deliver a powerful application that yields significant improvements in both new product development and ETO environments."

RuleStream provides a technology platform for continuous improvement that spans sales, engineering and manufacturing groups to easily capture valuable product and process knowledge. Knowledge management and reuse streamlines processes while reducing time to market for new products and custom product variants, helping manufacturers compete and win more business.

 [Click here to return to Contents](#)

Synopsys Design Compiler Topographical Technology Adopted by IBM to Accelerate ASIC Designs for Customers

7 May 2007

[Synopsys, Inc.](#) announced that IBM has added support for topographical technology in its 90-nanometer (nm) and 65nm-based application-specific integrated circuit (ASIC) design kits. Synopsys' Design Compiler® topographical technology enables IBM's ASIC customers to achieve tighter correlation between design results such as timing and power seen during synthesis and the results achieved after layout. This eliminates the need for time-consuming iterations between synthesis and layout to achieve design closure, thus significantly accelerating overall design time.

"We are pleased with the results we have seen with topographical technology. During our evaluation, synthesis results were consistently within 5 percent of actual physical implementation results. The tight correlation between synthesis and layout is critical for a predictable RTL-to-GDSII flow," said Richard Busch, director of ASIC Products and Services at IBM Global Engineering Solutions. "We have made topographical technology available in 90nm- and 65nm-based design kits to speed up ASIC design time for our customers."

Design Compiler topographical technology shares technologies with the Galaxy™ Design Platform physical design solution to accurately predict final design results such as timing, area, testability and power during synthesis. It enables RTL designers to foresee results after layout. Using Synopsys' topographical technology-based methodology, IBM's ASIC customers can take corrective measures to ensure that their design will achieve the required performance prior to sending the netlist to IBM for physical implementation. Consequently, IBM receives a better-quality netlist from its customers that speeds up physical implementation while meeting the required performance targets.

"A growing number of ASIC vendors are adopting topographical technology to streamline their design flow," said Antun Domic, senior vice president and general manager, Synopsys Implementation Group. "IBM's support enables its ASIC customers to reap the benefits of topographical technology in completing their most advanced ASICs much faster, with higher predictability and fewer iterations."

 [Click here to return to Contents](#)

T-FLEX CAD Adds SolidWorks, Solid Edge, Inventor and Rhino Translators

11 May 2007

Top Systems has announced the release of the newly updated set of translation modules for its T-FLEX CAD system.

T-FLEX CAD 10 now lets users work with a wide variety of file formats so they can open, edit, and save 3D models in various formats their customers and suppliers need. The new options include direct import from SolidWorks, Solid Edge, Inventor and Rhino part and assembly models. These translation modules were added to the existing set of translators that includes Parasolid, STEP, IGES and other formats.

The SolidWorks, Solid Edge and Rhino import modules allow geometry and assembly data to be imported directly from the native disk-based files without running any extra applications. Also there is possibility to import SolidWorks models from a running copy of the SolidWorks solid modeling application using API. In this case assemblies will retain complete definition of mates to support kinematics and dynamics analysis in T-FLEX CAD.

When importing Autodesk Inventor part or assembly data T-FLEX uses either a live running copy of Autodesk Inventor or freely distributable Autodesk Inventor Viewer.

Direct support for both export and import of Rhino files allows Rhino users to extend the existing functionality of Rhino with a wide set of additional modeling, drafting and analysis tools of T-FLEX CAD.

"CAD conversion has always been a key aspect of T-FLEX CAD software development to allow our customers to work with diverse 3D CAD data," says Sergey Kozlov, technical director, Top Systems. "The latest development allows us to provide a much wider set of precise and quality import/export converters for the most popular 3D model formats."

The latest update of T-FLEX CAD 10 with the new translation options is now available to all Top Systems subscribers for immediate download.

About T-FLEX CAD

T-FLEX CAD from Top Systems is a 3D modeling and 2D drafting software that enables engineering teams to develop products more quickly, at higher quality standards, providing unique parametric mechanisms combined with production-proven Parasolid® based solid modeling. T-FLEX is written for Microsoft® Windows® 2000, XP, Vista, 32 bit and 64 bit operating systems, and is distributed in several languages to customers around the world.

About Top Systems

Founded in 1992, Top Systems (Moscow, Russia) develops and markets CAD/CAM/CAE/PDM solutions. For more information about the company and its products, see <http://www.tflex.com/>, <http://www.topsystems.ru/>.

 [Click here to return to Contents](#)