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Top Story

Preliminary Statistics from CIMdata Show a 12% “Mainstream PLM” Market Decline for 2009

9 February 2010

CIMdata, the leading global Product Lifecycle Management (PLM) consulting and research firm, today released its preliminary 2009 worldwide Mainstream PLM market results. Mainstream PLM is a subset of the Comprehensive PLM market (see explanatory note about CIMdata's PLM market perspectives later in this press release), which encompasses market sectors that have traditionally been the most closely associated with PLM including:

- Mechanical Computer-Aided Design (MCAD), both Multi-Discipline and Design-Focused
- Digital Manufacturing
- Simulation and Analysis
- Non-Bundled Numerical Control (NC)
- Comprehensive collaborative Product Definition management (cPDm)

CIMdata PLM Industry Summary

cPDM Systems Integrators, VARs, and Resellers

CIMdata will release its full PLM market analysis, which includes an analysis of both the Mainstream and Comprehensive PLM markets at its North American Vendor Forum on March 25th of this year. Overall, this past year's volatile economic conditions that have impacted industries and markets around the world clearly had a direct impact on the PLM Mainstream market. This preliminary perspective on estimated 2009 Mainstream PLM market performance provides an early insight into market dynamics that are affecting both companies investing in PLM as well as PLM solution suppliers. Note that CIMdata's estimates are based on a combination of primary and secondary data collection, long-time relationships with market participants, and market modeling based on many years of market knowledge and experience.

Based on CIMdata estimates in 2009, Mainstream PLM experienced a decline of approximately 12% from \$15.96 billion in 2008, to \$14.03 billion in 2009. This decline was larger than originally forecasted. This is a preliminary estimate and will be updated prior to the publication in March of CIMdata's overall PLM market estimates. Note that part of this decline was a direct result of changes in currency exchange rates—primarily the euro versus the dollar. For calendar year 2009, the average exchange rate for the euro versus the dollar declined approximately 5%.

“Even in difficult economic times, industrial companies continued to recognize the importance of PLM as a competitive differentiator.” explained Mr. Ken Amann, CIMdata Director of Research. “In spite of the impact of the global economic downturn, companies continued to maintain their PLM programs and technologies. However, the current economic environment caused companies to refocus their PLM investments to better meet their immediate business goals.” Mr. Amann continued, “In the first half of 2009, companies restricted investments in PLM. This primarily impacted new license sales. For 2009, preliminary estimates indicate that new license sales declined over 18%, maintenance revenues remained flat and services revenues declined approximately 10%. These results indicate that while companies restricted/deferred starting or expanding PLM initiatives, they continued to support and use those programs already in place. During the latter part of 2009, companies began to release funding for PLM programs and sales and revenues started to increase. CIMdata expects that PLM investments will return to growth during 2010.”

Looking deeper into the various sectors comprising the Mainstream PLM market, CIMdata's preliminary estimates indicate that investments in all sectors experienced declines in 2009 over 2008. Comprehensive cPDM dropped to \$2.7 billion, a 10.9% decrease. Investments with cPDM Systems Integrators/VARs/Resellers decreased 10.6% to \$3.87 billion. Digital Manufacturing investments declined 12.7% to \$445 million. Multi-Discipline MCAD dropped 12.4% to \$2.57 billion, while investments in Design-Focused MCAD declined 20% to \$1.83 billion. The Simulation and Analysis sector of the Mainstream PLM market experienced a more modest decline of 6.4% to reach \$2.13 billion in 2009 while Non-Bundled NC had a 19.1% decline to \$475 million. The distribution of these investments as components of the full Mainstream PLM market is illustrated in Figure 1.

CIMdata PLM Industry Summary

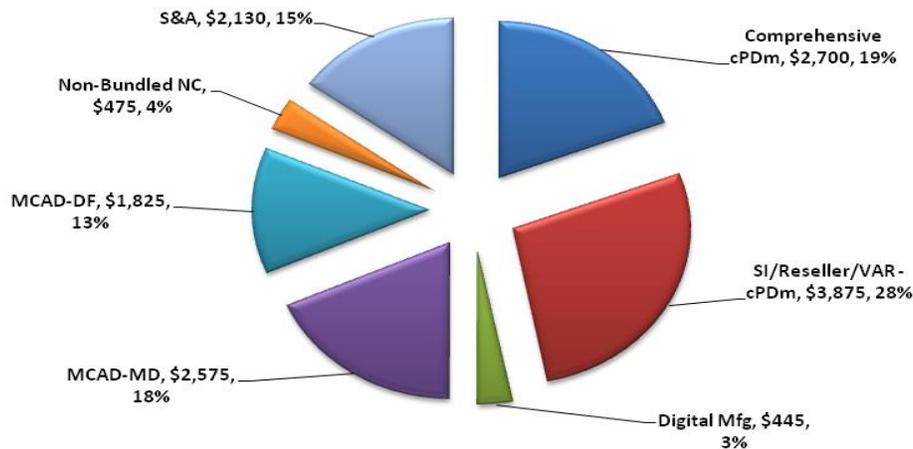


Figure 1—2009 Mainstream PLM Market Sector Distributions (Millions)
(Market information represents CIMdata’s estimates)

Mr. Amann commented, “While 2009 reflected a downturn in new PLM investments, companies retained maintenance and continued to spend on services in support of PLM activities already underway. Continuation of PLM programs indicates that more companies recognize the value that PLM provides in helping them maintain their competitive position during difficult economic times. Hardest hit were small- to medium-sized businesses who tend to be more subject to credit and cash flow issues. Many small companies had to stop their PLM investments while larger enterprises had the resources to sustain programs that were already underway.”

Ed Miller, CIMdata President stated, “Even in economic downturns, those companies that sustain investments in PLM can become more efficient both by reducing cost and better leveraging existing resources. Importantly, investing in PLM helps position companies to develop and deliver market-leading products as the global economy improves.”

About PLM

CIMdata defines PLM as a strategic business approach that applies a consistent set of business solutions in support of the collaborative creation, management, dissemination, and use of product definition information across the extended enterprise from concept to end of life—integrating people, processes, business systems, and information. PLM forms the product information backbone for a company and its extended enterprise.

About CIMdata’s PLM Market Perspectives

CIMdata’s PLM market analysis provides two perspectives on PLM. Comprehensive PLM covers the full product definition over the entire product lifecycle, and across all industrial industries including mechanical, electronic, and software components, as well as both discrete and process industries.

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Mainstream PLM reflects a view of PLM that incorporates a subset of the Comprehensive PLM market, but includes the sub-sectors that have traditionally been addressed by the major suppliers (i.e., drivers) of the PLM market—the traditional core discrete mechanical functions. Mainstream PLM is comprised of the following major market sub-sectors: Comprehensive cPDM, Systems Integrators/VARs/Resellers, Digital Manufacturing, Multi-Discipline MCAD, Design-Focused MCAD, Simulation and Analysis, and Non-Bundled Numerical Control (NC). Comprehensive PLM includes all of Mainstream PLM, and includes the additional market sub-sectors: Electronic Design Automation (EDA), Architecture-Engineering-Construction (AEC), Focused Applications, and Other Tools.

About CIMdata

CIMdata, a leading independent worldwide firm, provides strategic consulting to maximize an enterprise's ability to design and deliver innovative products and services through the application of Product Lifecycle Management (PLM) solutions. Since its founding more than 25 years ago, CIMdata has delivered world-class knowledge, expertise, and best-practice methods on PLM solutions. These solutions incorporate both business processes and a wide-ranging set of PLM enabling technologies.

CIMdata works with both industrial organizations and suppliers of technologies and services seeking competitive advantage in the global economy. CIMdata helps industrial organizations establish effective PLM strategies, assists in the identification of requirements and selection of PLM technologies, helps organizations optimize their operational structure and processes to implement solutions, and assists in the deployment of these solutions. For PLM solution suppliers, CIMdata helps define business and market strategies, delivers worldwide market information and analyses, provides education and support for internal sales and marketing teams, as well as overall support at all stages of business and product programs to make them optimally effective in their markets.

In addition to consulting, CIMdata conducts research, provides PLM-focused subscription services, and produces several commercial publications. The company also provides industry education through PLM certificate programs, seminars, and conferences worldwide. CIMdata serves clients around the world from offices in North America, Europe, and Asia Pacific.

To learn more about CIMdata's services, visit our website at www.CIMdata.com or contact CIMdata at: 3909 Research Park Drive, Ann Arbor, MI 48108, USA. Tel: +1 (734) 668-9922. Fax: +1 (734) 668-1957; or at Siriusdreef 17-27, 2132 WT Hoofddorp, The Netherlands. Tel: +31 (0)23 568-9385. Fax: +31 (0)23 568-9111.

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Acquisitions

Bentley Systems Announces Two Significant Acquisitions to Launch Its 'AssetWise' Initiative for Owner-Operators

9 February 2010

Bentley Systems, Incorporated announced that it has acquired Enterprise Informatics, Incorporated (www.enterpriseinformatics.com) and Exor Corporation (www.exorcorp.com). The Enterprise Informatics eB Insight software provides configuration and change management capabilities for

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mission-critical infrastructure asset operations for the energy, nuclear, rail, and government sectors. Exor information modeling software provides for the management and operations of linear networks for infrastructure, including roads and railways. These strategic acquisitions accelerate Bentley's focus on value creation for owner-operators – enabling operations and maintenance to take full advantage of information modeling, and thus realize the potential of “intelligent” infrastructure assets. Bentley's “AssetWise” platform, newly announced today, will combine multiple information modeling services to improve the lifecycle management and operational performance, safety, compliance, and governance of infrastructure assets while increasing the return on investment for owner-operators.

“These two acquisitions anchor the next stage in Bentley's progression as an infrastructure software provider,” CEO Greg Bentley said. “In AssetWise we see a tremendous opportunity – driven by advances in computing and information modeling – to substantially increase owner-operators' return on investment, furthering our corporate mission of sustaining infrastructure.

“Throughout Bentley's 25 years, our focus on interoperability and federated information reuse has always met with business success. We've observed that an infrastructure asset's lifecycle necessarily includes periodic capital project cycles. Such projects – through design and simulation applications such as Bentley's and ProjectWise dynamic collaboration services – yield better performance capabilities, but stress operational processes. With AssetWise, our new objective is to empower owner-operators to leverage the value of information modeling throughout operations and maintenance – while maintaining the transactional integrity that their enterprise applications demand. I'm confident that we and AssetWise users will continually gain new value – because increased interoperability and reuse will always drive ROI.”

Over half of Bentley's revenue is directly from infrastructure owner-operators – and already, ProjectWise has been adopted by 44 percent of the 500 largest such owner-operators for capital projects. Now, along with supporting Bentley's existing applications for operations and maintenance, the AssetWise platform will improve and manage access to infrastructure asset information modeling, for owner-operators' choices of enterprise applications.

eB Insight software ensures that asset information is governed, secure, controlled, and can be trusted – delivering relevant information in context to users and turning information into an organizational asset. Users increase business process efficiency while reducing the cost of compliance and minimizing risks. eB Insight captures and models the relationships among both structured and unstructured information critical to infrastructure operations. Its information modeling services are able to capture, (beyond “what”), the “why,” “how,” “where,” and “when” about information objects, and can identify what may affect, change, or impact them – or be affected, changed, or impacted. Like ProjectWise, eB Insight fully leverages Microsoft technologies including SharePoint to provide broad user access to asset information.

eB Insight is a leading operations mainstay in the nuclear industry – one of the most heavily regulated industries in the world – where it is deployed in research, waste management, fuel processing, and power generation units. Among other sectors globally taking advantage of eB Insight are energy companies, rail, government, and construction. Specific users of eB include Constellation Energy, Ameren Corporation, Nuclear Fuel Services, Rolls-Royce, City of Las Vegas, Colorado Springs Utilities, CH2M HILL, Aker Solutions, Network Rail, De Beers, and South African Airways.

Exor information modeling software provides for the management and operations of linear networks, including roads, railways, and water networks, as well as all components connected to them. For instance, sixty percent of all roadway miles in the U.K. are managed by Exor. The software enables owner-operators to manage multiple networks while relating structures, safety, pavement conditions,

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permits, and right-of-way information to the network. Exor leverages Oracle's information technologies, especially Oracle Spatial, to provide an unbreakable and secure data management foundation for mission-critical enterprise solutions.

The Exor worldwide user community includes a number of departments of transportation in North America, such as the Kentucky Transportation Cabinet, Oregon DOT, and the province of British Columbia. Among Exor users in Europe are Transport for London, the Welsh Assembly Government, and DRD Northern Ireland. Among users in Asia-Pacific are Main Roads Western Australia, Australian Capital Territory, and Transit New Zealand.

What Analysts, Technology Partners, and Users Are Saying

“Bentley's acquisition of Enterprise Informatics makes perfect sense from a business, market, and technology perspective. Enterprise Informatics' eB, when combined with the rich product portfolio of Bentley's infrastructure solutions, enables a comprehensive asset information management solution that spans the lifecycle of infrastructure – design, licensing, construction, operations, maintenance, and eventually decommissioning.” – Martin Gander, associate senior research analyst, Ovum – Butler Group

“As economics pressures existing infrastructure and new build projects, there is an increasing sense of urgency to manage the operation and sustainability of mission-critical infrastructure assets. Bentley Systems is extending its solutions for infrastructure design and build phases through the acquisition of Enterprise Informatics to support its strategic initiative to provide products and solutions for the operation and sustainability of infrastructure assets. Enterprise Informatics' flagship product, eB, brings enterprise-class technology proven in the nuclear industry for configuration and change management. These solutions fully leverage Microsoft technologies for enterprise scalability, reliability, and collaboration.” – Jon Arnold, managing director, Worldwide Power & Utilities Industry, Microsoft Corporation

“We were pleased to learn that Bentley Systems has acquired Enterprise Informatics. Ameren has used both MicroStation and eB for many years, and we rely on both products at different phases of asset development and maintenance. Bentley's strategic initiative to build a platform to support the management of intelligent asset information for facility operations and maintenance will provide a missing link that we've considered creating internally for quite a while.” – Scott Clardy, Configuration Management supervisor, AmerenUE Callaway Nuclear Power Plant

“Bentley Systems' acquisition of Enterprise Informatics places two products we rely on under the umbrella of one strong, forward-thinking company that will support and enhance our software solutions. Having products we already use be optimized by Bentley to support asset management from development through operations and maintenance will save us time and money, and provide solutions that will improve efficiency and ensure information integrity.” – Thomas Stotlar, supervising engineer, Configuration Management, AmerenUE Callaway Nuclear Power Plant

“The operation and maintenance of complex infrastructure is dependent on configuration and change management processes and best practices to manage the lifecycle of operational assets. With the acquisition of Enterprise Informatics' eB, Bentley has added an industry-proven configuration and change management solution to its operations application portfolio that has been certified by the Configuration Management Process Improvement Center (CMPIC) as compliant with the CMPIC configuration management framework.” – Steve Easterbrook, president, CMPIC LLC

For more information about Bentley's new AssetWise offerings, visit www.bentley.com/AssetWise.

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CoWare Signs Definitive Agreement to be Acquired by Synopsys

8 February 2010

CoWare®, Inc. announced that it has signed a definitive agreement to be acquired by Synopsys, Inc. CoWare brings to Synopsys a range of electronic system design solutions covering processor design, system architecture design, verification, software development, and algorithm design.

“Over the years, CoWare has been one of the innovation leaders addressing the needs of electronic system design. We have developed a significant product offering based on standards-based technologies and solutions that IP, semiconductor and systems companies have successfully deployed,” said Alan Naumann, President and CEO of [CoWare](#). “Synopsys’ acquisition of CoWare confirms the trend of increasing demand for systems design solutions. It also provides our customers continued access to market leading technologies and services with a recognized industry leader.”

The transaction is subject to customary regulatory approvals. The terms of the deal are not being disclosed.

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Synopsys to Acquire CoWare, Inc.

8 February 2010

[Synopsys, Inc.](#) announced it has signed a definitive agreement to acquire CoWare, Inc., a global supplier of software and services for electronic systems design. When completed, the acquisition will expand Synopsys' portfolio of system-level design and verification products used in wireless, consumer and automotive design.

"System-level design and verification solutions have been gaining traction among developers as chips have gotten more complex and embedded software has become more pervasive," said Joachim Kunkel, senior vice president and general manager of the Solutions Group at Synopsys. "With the completion of the CoWare acquisition, Synopsys will be able to develop and bring new standards-based solutions to market so engineers can more quickly design processor and software-intensive products."

The transaction is subject to customary closing conditions, including HSR (Hart-Scott-Rodino) review, and is expected to close within Synopsys' second quarter of fiscal year 2010. The terms of the deal are not being disclosed.

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Company News

Autodesk Establishes R&D Presence in Israel

8 February 2010

[Autodesk, Inc.](#) has established a research and development center in Tel Aviv, to help drive the development of emerging technologies such as web-based design and collaboration software. With the addition of Israel to Autodesk's global development network, Autodesk now operates development

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centers in more than 14 countries around the world.

Through the acquisition of privately held Tel Aviv-based software firm PlanPlatform, Ltd. in November 2009, Autodesk gained a talented team of Israeli developers who will help Autodesk further expand its expertise in emerging technologies and remote application delivery, building upon Autodesk's past development in this space. The new Autodesk Israel Research and Development Center will compliment Autodesk's existing sales presence in Israel through its value added channel Omnitech.

"Through our new presence in Tel Aviv, Autodesk will be able to better leverage Israel's excellent educational institutions and the growing talents in the Israeli software industry," said Amar Hanspal, Autodesk senior vice president, platform solutions and emerging businesses. "We look forward to being an active participant in Israel's thriving high-tech community and continuing the global democratization of design technology via the web."

The Autodesk Israel team in Tel Aviv recently completed their first Autodesk project, a technology preview called [Project Butterfly](#), which debuted on [Autodesk Labs](#) earlier this year. The Project Butterfly Technology Preview extends the [AutoCAD](#) experience onto the web by enabling users to view, edit, and collaborate on DWG drawings in real-time with colleagues and clients online without downloading any software.

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CADD Edge Maintains Ranking as Largest SolidWorks Provider in the East for the 14th Consecutive Year

10 February 2010

[CADD Edge, Inc.](#) announced its ranking as Dassault Systèmes SolidWorks Corp.'s top software provider in the East for the 14th consecutive year. Since 1996, CADD Edge has been recognized as the #1 SolidWorks Reseller in the Northeast. This ranking marks CADD Edge as one of the Top 5 resellers in North America.

This recognition, along with retaining their ranking in the Top 10 for SolidWorks Enterprise PDM and SolidWorks Simulation solidifies their standing in the market place yet again. CADD Edge has assisted over 8500 users at regional manufacturers and mechanical design firms in implementing SolidWorks solutions.

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CycleOp in Israel Joins Aras Partner Program

11 February 2010

Aras® announced that CycleOp, a PLM systems integrator and consulting services provider located in Tel Aviv Israel, has joined the Aras Partner Program.

CycleOp offers PLM deployment and systems integration services led by experienced personnel with years of hands-on implementation knowledge in PLM software and industry processes. CycleOp provides PLM project definition and implementation for small & mid-sized companies to shorten cycle time from concept to manufacturing while improving productivity and collaboration.

"The [Aras](#) model represents the next generation in enterprise PLM software solutions from both a

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business and technical standpoint,” said Sagi Tikotski, General Manager at CycleOp. “The elimination of PLM license costs for advanced PLM software is truly revolutionary and means that companies can solve product development and engineering process collaboration challenges without a large capital expenditure.”

“Aras welcomes CycleOp to the partner program as a member of the corporate community,” said Peter Schroer, President of Aras. “CycleOp’s PLM deployment service experience means that small & mid-sized companies across Israel have access to proven best practices expertise, and we are glad to have them join the Aras community.”

About CycleOp

[CycleOp](#) personnel are experienced PLM systems integrators with years of hands-on implementation knowledge in product life-cycle management software and industry processes. CycleOp provides PLM project definition and deployment services to small & mid-sized companies to shorten cycle time from concept to manufacturing while improving productivity and collaboration.

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MSC Launches New SimManager Business Unit to Expand on Its Leadership in Simulation Data and Process Management

9 February 2010

[MSC.Software](#) announced the formation of a new global business unit to focus and expand on its recognized leadership position in Simulation Data and Process Management (SDPM).

"MSC is now well positioned to continue its lead in the rapidly growing SDPM market and to leverage the extensive, industry leading production success of SimManager," said Albrecht Pfaff, Vice President SimManager Business Unit, MSC.Software. "We are very pleased to be recognized as the thought leader in Simulation Data and Process Management by the recent assessment performed by the PLM business analyst group, Collaborative Product Development Associates (CPDA).

"We have successfully deployed SimManager in the High-Lift System test department at Airbus Bremen and benefit from a tight connection between Physical Test and Virtual Test correlation. SimManager will help us to tremendously improve the testing procedure of the new A350 aircraft -- we expect to reduce lead-time and cost for system certification while increasing aircraft maturity," explained Thomas Krüger, project leader for Virtual Testing at Airbus.

"Manufacturers are looking for a force multiplier to better predict real world behaviours for their products during design. SimManager uniquely delivers this," said Dominic Gallelo, President and CEO,

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SAP Announces Subsequent Changes to Executive Board and Management in Support of New Co-CEO Structure

11 February 2010

In support of the recent appointments of Co-CEOs Jim Hagemann Snabe and Bill McDermott, SAP AG announced subsequent changes to its Executive Board and management structure. In today’s meeting of the SAP Supervisory Board the following decisions were made:

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Gerhard Oswald, Executive Board member responsible for SAP Global Service & Support, has also been named chief operating officer, replacing Erwin Gunst, who stepped down for health reasons. Oswald's nearly thirty-year career at SAP has spanned the areas of support, consulting, education, custom development and quality control. He has been an Executive Board member since 1996. His contract has been extended until December 31, 2011.

In addition, Peter Lorenz, executive vice president of Small and Midsize Enterprises (SME), has been named a corporate officer. He will continue to report to Co-CEO Jim Hagemann Snabe, overseeing the development of the SAP portfolio of SME solutions, SAP Business ByDesign, SAP Business One and SAP Business All-in-One.

The SAP Supervisory Board has accepted the resignation of John Schwarz, member of the Executive Board responsible for SAP BusinessObjects, Ecosystem & Corporate Development, effective immediately.

"The new composition of the SAP Executive Board and management changes will support the leadership structure of the co-CEOs announced earlier in the week," said Hasso Plattner, chairman of the [SAP](#) Supervisory Board. "We regret that John Schwarz has decided to leave the company. He has been instrumental in achieving the successful integration of Business Objects into SAP in record time and helping to build out SAP's market leadership in business intelligence. We would like to thank John for his dedication and contribution to SAP and wish him well for his future endeavors."

"I am very proud of all that we achieved as Business Objects and the continued success of our portfolio since our acquisition by SAP," said John Schwarz. "With the new SAP leadership team in place, the future of SAP is in capable hands. My decision to leave gives me an opportunity to step back and think through how I can continue to contribute to an industry of which I have been part for 38 years. I am proud of what we have accomplished and confident about the future direction of the company, and I strongly believe that SAP BusinessObjects will play a vital role in SAP's future success."

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SAP Returns to Co-CEO Structure with Bill McDermott and Jim Hagemann Snabe

7 February 2010

SAP AG announced that the SAP Supervisory Board has reached a mutual agreement with CEO Léo Apotheker not to extend his contract as a member of the SAP Executive Board. Léo Apotheker has resigned as CEO and member of the SAP Executive Board effective immediately.

The SAP Executive Board, in agreement with the SAP Supervisory Board, has appointed two Co-CEOs: Bill McDermott, head of field organization and Jim Hagemann Snabe, head of product development, both already members of the SAP Executive Board.

In addition, Vishal Sikka, Chief Technology Officer, has been appointed to the SAP Executive Board. At the request of the SAP Supervisory Board, Hasso Plattner, Co-Founder of SAP and Chairman of the SAP Supervisory Board, will continue to play a strong role in advising the new leaders on technology and product development.

"The new setup of the SAP Executive Board will allow SAP to better align product innovation with customer needs. The new leadership team will continue to drive forward SAP's strategy and focus on

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profitable growth, and will deliver its innovations in 2010 to expand SAP's leadership of the business software market," said Hasso Plattner.

The SAP Supervisory Board thanks Léo Apotheker for his enormous contribution to the success of SAP, which he joined more than 20 years ago, and wishes him all the best for the future.

The Company hosted a call for media and analysts on Monday February 8, 2010. [Access the webcast replay.](#)

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Events News

Another Successful TopSolid International Seminar

11 February 2010

Missler Software recently held its annual reseller conference at the end of January in Barcelona. The 2010 conference welcomed more than 150 TopSolid VARs (Value Added Resellers) and internal Missler Software staff from all over the world. This year's seminar coincided with the imminent launch of TopSolid 2010 and the increasing interest around the company's new software range TopSolid 7.

TopSolid 2010 will be available from March 2010 onwards. There are many important, new evolutions for the mechanical engineering, toolmaking, sheetmetal and wood industries in this latest version. Exciting new collaborative work possibilities, the management of multi-core processors reducing calculation times by up to 75% and a new configurator for the wood industry are just a few of the many new functions in TopSolid 2010.

TopSolid 7 is the company's 7th generation of its integrated software range. TopSolid 7 offers innovations on the CAD/CAM market by simplifying the design and modification of large assemblies in an organised and structured environment. CAD for the mechanical engineering is now available with TopSolid 7.3. The CAM module of TopSolid 7 (which will complete the integration which is the hallmark of the TopSolid range) will be completed in the second semester of 2010. The end user of the new software generation benefits from productivity gains estimated at being 30% superior to traditional solutions.

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CGTech to Highlight Key Components of Fiber Placement Programming Software

February 2010

At the 2010 JEC Composites show, April 13-15, 2010 at the Paris Expo, Porte de Versailles, CGTech will be helping to demystify the process of programming automated composite machinery.

Visitors to CGTech's stand, T14, will have the opportunity to receive a thorough overview of the steps needed to get from a CAD designed composite part to CNC programs that drive an Automated Fiber Placement (AFP) machine. There will be updated information on projects presented at JEC 2009, as well as information on new projects that highlight the implementation and use of machine independent off-line NC programming software for AFP machines. Current customer projects to be highlighted include:

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a large one-piece fuselage barrel on an Electroimpact multi-machine AFP fabrication cell; an aircraft inlet duct on a Cincinnati Viper 1200 AFP machine; the challenges encountered supporting a flexible AFP gantry machine; layup of a U-channel structure on a 7-axis mTorres AFP machine; and aircraft skin panels and experiments using an AFP head mounted on a 6-axis robot.

“Manufacturers of AFP machinery often supply in-house developed off-line NC programming software with their machine, forcing companies to inconveniently adopt multiple software applications for multiple brands of machines,” said CGTech Product Marketing Manager Bill Hasenjaeger. “But the race is on to develop productive automated composite lay-up machinery and processes. To survive in this industry, a company must be able select the best machine for the job, without the cost and risk associated with being locked to a single machine supplier.”

Throughout the show, CGTech will be demonstrating VERICUT Composite Applications: VERICUT Composite Programming (VCP) & VERICUT Composite Simulation (VCS).

VCP reads CAD surfaces and ply boundary information and adds material to fill the plies according to user-specified manufacturing standards and requirements. Layup paths are linked together to form specific layup sequences and are output as NC programs for the automated layup machine.

VCS reads CAD models and NC programs, either from VCP or other composite layup path-generation applications, and simulates the sequence of NC programs on a virtual machine. Material is applied to the layup form via NC program instructions in a virtual CNC simulation environment. The simulated material applied to the form can be measured and inspected to ensure the NC program follows manufacturing standards and requirements. A report showing simulation results and statistical information can be automatically created.

[CGTech](#) will also be exhibiting its latest version of VERICUT CNC machine simulation and optimization software. VERICUT is CNC machine simulation, verification and optimization software that enables users to eliminate the process of manually proving-out NC programs. VERICUT simulates all types of CNC machining, including drilling and trimming of composite parts, water jet, riveting, robotics, mill/turn and parallel kinematics. VERICUT runs standalone, but can also be integrated with leading CAM systems.

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Cutting Tool Technology Leader Kennametal Inc. to Sponsor ESPRIT World Conference 2010

11 February 2010

[DP Technology](#), creator of ESPRIT®, announce that [Kennametal Inc.](#), a leader in the field of cutting-tool technology, will be a primary sponsor of ESPRIT World Conference (EWC) 2010, slated to take place May 18-21 in Long Beach, Calif.

Hosted each year by DP Technology for its ESPRIT community, the ESPRIT World Conference offers a comprehensive suite of product training courses, enlightening and motivational business presentations, exposure to the direction of future product developments, and networking opportunities via hosted events throughout the week-long conference. EWC 2010 will mark the public introduction of ESPRIT 2011.

EWC is attended annually by members of the ESPRIT community, including resellers, end-users and business partners, and attracts participants from around the world. The conference grants attendees the important role of providing vital guidance and feedback that is used to shape future product

developments.

The latest version of ESPRIT is the result of a balanced effort focusing on both the shorter term needs of existing customers and the longer term direction of the metal-working community. New developments within this latest version of ESPRIT place great emphasis on providing existing ESPRIT customers with additional tools that will increase their productivity.

In addition to providing customers with best-in-class metalworking products for turning, milling and hole-making processes, Kennametal is committed to adding value to customers during their work-piece manufacturing design and processing phases.

By delivering digital assets such as CAD models, product data and tooling information, Kennametal customers can reduce time in tool selection, toolpath strategy and application planning. Kennametal believes that expanding the use of digital information will have a dramatic impact in the future as computer systems advance to full simulation, reducing machining costs and increasing right-first-time.

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Delcam's ArtCAM JewelSmith at JA New York Winter Show

10 February 2010

Delcam Sales Partner Artisan CNC will demonstrate how ArtCAM JewelSmith artistic CAD/CAM software allows jewellers, pewter-smiths, silversmiths and goldsmiths to create highly-crafted personalized or custom pieces or new complete lines with ease on booth 1879 at the JA New York Winter Show to be held from February 28th to March 2nd.

Jewellery can be created directly in the software or, if master modelmakers prefer, they can first either hand-draw their designs, hand sculpt a 3D model, or create the piece in alternative drawing software. Their work can then be scanned or imported directly into ArtCAM JewelSmith. Using ArtCAM JewelSmith's relief layering system, the user can build their design using a number of layers, in a similar fashion to PhotoShop, which can then be edited at any point during the design process. These layers can be worked on individually, so allowing the user to undertake detailed editing without having to update the whole model.

With the ArtCAM 2010 release, users can customize the user interface so that any unused tools can be hidden and shortcuts created for frequently used commands. Jeweller Michael Buckley, from Michael's Designs reported that, "The new interface gives you so much drawing space. It's clean and uncluttered so there is no real need for multiple screens. I also love the ability to create my own shortcut keys and toolbox; it makes my work time even shorter."

ArtCAM JewelSmith comes with a complete library of shanks and gems that can be used as the starting place for any ring design. The jeweller can add the intricacies to the piece using the software's advanced sculpting tools. These not only allow the jeweller to replicate traditional sculpting methods by using a Wacom tablet, but also allow them to modify the size and strength of the tools as well as simultaneously sculpting the front and back of a design. Todd Bailey, from 4m3D Creative Design said that, "The significant changes to the interactive sculpting tools really make ArtCAM stand out from other products." Michael Buckley adds, "It is great being able to see both the front and back of the model – what a timesaver!"

For band rings, the jeweller also has the option to design on an unwrapped layout of their ring. They can then switch between an unwrapped and ring view at any time to check the design as the project

progresses.

Once complete, the jewellery model can be saved as a rotatable 3D PDF file, which can then be e-mailed to the customer for approval. Once authorized, the designer can then select one of ArtCAM's machining strategies to calculate the toolpaths required for manufacture.

In the 2010 release, a great deal of technology, including the latest multi-threading capability, from Delcam's CAM system, PowerMILL, has been incorporated into ArtCAM JewelSmith to give even faster calculation times. Before the toolpaths are sent to the machine, the artist can check the appearance of the resulting piece using ArtCAM's new and improved toolpath simulation. This gives the designer the opportunity to alter their calculations prior to machining, saving both time and money.

About JA New York

JA New York offers two-day education program with insightful tips from industry experts. Randy Hayes of Artisan CNC will act as a panellist in the workshop "Identifying the CAD/CAM solutions that are right for your business" on Sunday February 28th from 2:00- 2:45pm. Stories abound of Jewellers investing thousands of dollars on products or systems that have gone under-used or even unused because they were given inadequate information prior their purchase. Attend this seminar and learn how to avoid these costly mistakes and find out which CAD or CAM product is right for you.

For more information on Artisan CNC visit <http://www.artisancnc.com/> or contact Randy Hayes at info@artisancnc.com 520-907 5649

For more information on ArtCAM JewelSmith visit <http://www.artcamjewelsmith.com> or contact Mary Shaw at mes@delcam.com 877 335 2261

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Delcam's Sales Partner Meeting Attracts Record Attendance

8 February 2010

Delcam's 2010 Sales Partner Meeting, which was held in Birmingham last week, attracted over 200 delegates, the highest attendance in the company's history. This record number of delegates reflected Delcam's growth over recent years.

The main highlights of the meeting were the 2010 versions of Delcam's software and the range of new releases planned by the company over the coming year. According to [Delcam](#), this constant stream of innovation shows that it has not only the largest development team in the CAM industry but also one of the most productive. Unlike many of its competitors, which have cut their expenditure on development during the current downturn, Delcam has maintained its high levels of investment in R&D.

While the enhancements to its core CAD/CAM range were acclaimed by the delegates, strong interest was also shown in the Healthcare Division established by Delcam during last year. This new Division is helping companies across the medical, dental and associated industries to apply Delcam's expertise and experience in taking advantage of the latest design and manufacturing techniques.

With the healthcare sector being one area that seems immune from the economic slowdown, Delcam sees it as a major opportunity for growth. The company's design, reverse engineering, machining and inspection software are already used in a wide range of applications from the production of prostheses, through to the manufacture of surgical instruments and all types of medical packaging. This is especially true for the PartMaker machining system for turn-mill equipment and Swiss-type lathes. These machines

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are used extensively for the manufacture of medical and dental components, to the extent that around 70% of PartMaker sales already come from the healthcare industry.

In addition, Delcam is seeing growing interest in the various specific products for the healthcare market that it has introduced over the last two years. These include the DentCAD and DentMILL programs for the design and manufacture of dental restorations and the OrthoModel and OrthoMill software for the development of orthotics. The company also offers special versions of its CRISPIN range of footwear design and manufacturing software for the production of orthopaedic footwear.

The common theme with all these products is that they take existing Delcam technology and add a dedicated interface that uses imagery and terminology from the healthcare sector.

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Delcam to Launch New-Look in ArtCAM 2010 at ISA

10 February 2010

North American signmakers will have their first opportunity to see the 2010 versions of Delcam's ArtCAM family of software for signmaking and other artistic applications on Booth #2322 at ISA Expo taking place in at the Orange County Convention Center in Orlando, Florida, from April 8th to April 10th. The range comprises the entry-level version, ArtCAM Express for users new to CNC machining, ArtCAM Insignia for production machining, and ArtCAM Pro for more complex design and manufacturing.

The main change in the 2010 versions will be a completely new interface that can be customized by the user to give them the optimum productivity. This means that every user can set up the software to give quicker access to the commands that they use most frequently.

Similarly, commands that are rarely used can be hidden from the initial menu choices. This releases much more of the screen for visualization of the model during the design progresses.

Another change that will increase productivity is the ability to use many more commands on the 3D model directly. Previously, much of ArtCAM's modelling had to be carried out on a 2D view, and then calculated and visualized in 3D. Direct editing in the 3D window will give more immediate feedback, and allow much faster creation and modification of designs.

Further improvements have been made to the sculpting tools, following the major simplification of these options in ArtCAM 2009. These tools are highly valued by ArtCAM's creative users as they can be used to produce virtually any shape. They duplicate in the virtual world the ability to sculpt physical materials but with the added advantage that material can be added as well as taken away.

On the machining side, a great deal of underlying technology has been incorporated into ArtCAM from [Delcam](#)'s engineering CAM system, PowerMILL, such as the latest in multi-threading technology which gives faster calculation times. The machining improvements in ArtCAM 2010 will also give users greater flexibility to edit toolpaths, in particular to optimize the leads and links.

Also of particular value to signmakers will be a new dual strategy combining roughing with an end-mill and V-bit carving. This gives the advantage of faster material removal with the end-mill, while retaining the finish quality that is possible with a V-bit cutter. In addition, machining simulations have been made more flexible by adding the ability to change the view during the simulation. This makes it easier to check the quality and accuracy of the toolpaths on the computer before they are sent to the machine.

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Delcam to Launch 64-bit PowerMILL at Industrie

9 February 2010

[Delcam](#) will launch the 64-bit version of its PowerMILL CAM software at the Industrie exhibition to be held in Paris from 22nd to 26th March. 64-bit technology removes the memory limitations of 32-bit computers so allowing more efficient toolpath generation, especially for companies that are machining large or complex parts.

The new 2010 release also improves user productivity by further extending the use of the latest background-processing and multi-threading technologies that is available in recent hardware. The combination of these two developments is estimated to reduce toolpath calculation times by up to 25%, although this will depend on the size and complexity of the part.

PowerMILL 2010 also includes more than 50 other major enhancements. This is the largest number in a single release for over five years. These improvements all contribute towards even faster and easier generation of highly-efficient toolpaths for three- through five-axis milling.

The most obvious change for existing users will be the updating of all the toolpath-creation forms to a new and improved layout. The forms make it easier for new users to find the commands they need, while also giving experienced operators more logical access to the more advanced options. In addition, there is new toolbar that can be pinned to the opening screen for the creation and editing of workplanes.

A new series of strategies for roughing and finishing corners has been added. These give more efficient and smoother clearance of these areas, especially when a large tool has been used for roughing initially that has left a significant amount of material in the corner.

Rest roughing has been enhanced to give better control over the start points for each segment of the toolpath. This will give substantial savings in overall machining time by minimising any air cutting.

Offset roughing, a popular approach for high-speed machining, has been enhanced so any thin slivers of material can be removed without risking damage to the cutter. These slivers can be left for the final pass when a constant stepover is used for the offset. PowerMILL will now identify these potential problems automatically and adjust the final stepover to give the safest engagement with the material.

A number of improvements have been made to give smoother toolpaths for semi-finishing and finishing. These minimise the stresses put on the cutter and machine tool, and result in a better surface finish. They are related to Delcam's patented Race-Line strategies for roughing and act in a similar way across the full extent of the toolpath. For example, sharp changes in direction in 3D-offset toolpaths are now automatically made much smoother as the tool approaches and leaves, rather than simply introducing an arc at the point of change.

In a related development, more options have been added to the collision avoidance functionality to give more control over the direction chosen by the software to avoid the problem. These are particularly useful in any areas where there might be a sudden change in direction. In addition, the ability to specify a look-ahead distance has been added to the collision avoidance capability to ensure a smooth transition when tool-axis changes are required.

Constant-Z toolpaths have been enhanced to include automatic detection of flat areas that would benefit from an alternative strategy. In addition, a filter has been added to remove small enclosed segments from

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the toolpath as these can damage the cutter. The “Steep and Shallow” machining combination strategy uses these latest additions for the steep sections and a range of new options have been added for the shallow areas.

Finally, a new option has been added for all toolpaths that specifies the safe profile of the toolholder. This provides a warning if the toolholder shape extends outside this area in ways that may cause a gouge or collision.

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Delcam to Show Latest Orthotics Software at UK Meetings

12 February 2010

Delcam will demonstrate the new versions of its OrthoModel and OrthoMill software for, respectively, the design and manufacture of custom orthotic insoles at two UK meetings in early March. From 1st to 3rd March, Delcam will be at the Podiatry Services Management Training Event (<http://www.professionalevents.co.uk/products/podiatrymanagers2010.php>), while on 5th and 6th the company will be at the British Association of Prosthetists and Orthotists conference (<http://www.bapo.org/site/content/view/40/70/>).

Delcam’s software helps to increase productivity, profitability and patient satisfaction, both for those prescribing or manufacturing custom devices to help diabetic or rheumatoid patients, and for practitioners working to correct abnormalities caused by a biomechanical miss-alignment of the musco-skeletal system. The 2010 versions of OrthoModel and OrthoMill include enhancements that will enable the design of a broader range of orthotics and allow more efficient manufacture of those designs.

Delcam has coupled its 30 years of experience in the design and manufacture of complex free-form shapes for the aerospace and automotive sector with knowledge and expertise from a panel of orthopaedic, podiatric and orthotics experts to create a digital solution for foot-care specialists. The software has been developed in association with laboratories, podiatrists and orthotists from around the world, together with the knowledge of footwear design and manufacture that has been gained within Delcam from its relationships with leading brands such as Nike and Reebok. It replaces the expensive, slow and messy casting process with a simple, non-contact digital solution.

The new OrthoModel options will give more flexibility, including the ability to create flat-bottom orthotics as well as constant-thickness designs across the various modelling methods. In addition, users can add “skive” (a flat correcting surface) to either the medial or the lateral side of the orthotic and can vary the angle of the plane. Previously, the software was limited to a 15 degree plane on the medial side of the design.

More functions have been added to adapt for individual patients the range of standard base models supplied with the software. The extra morphing tools allow whole-model editing of the standard designs so that the desired modifications can be completed quickly and easily.

A range of measurement tools have been added so the distances can be determined more quickly between the different key points within the orthotic. In addition, undercut shading has been added to help with arch height selection, while dynamic sectioning gives the ability to use front or rear section planes to view and take measurements from a cross section of the model.

The most significant addition in OrthoMill is the ability to “batch” machining calculations. This allows the operator to input designs for a number of orthotics, either to be cut from a single block or from

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several pieces of material. The software can then generate all the required toolpaths in a continuous series of calculations. The process can even be carried out overnight, to give maximum productivity for the programmer.

A related change is the option to apply different machining templates to each of a group of orthotics that will be cut from one block of material in a single manufacturing sequence. The templates provide the automated machining routines for the orthotics. Previously, all items produced in one operation had to use the same template, which reduced the overall machining efficiency. Extra flexibility has also been added with the ability to vary the Z-heights of each item within the block, and to vary the size and the number of machining tabs for each orthotic.

In addition, set-up sheets can now be generated showing the layout of the orthotics within the block, together with the patient information for each device. This will be especially helpful in cases where the manufacturing is being carried out by a different technician from the programming.

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ECS GmbH at Product Life live from 02/03 to 03/03 2010 in Stuttgart-Fellbach

February 2010

Since 1996 ECS is the implementation and solution partner of leading PDM-/PLM- systems. Once again ECS will show its integration-solutions at the Product Life live in Stuttgart Fellbach.

Cutting edge integration solutions in the enlarged PDM-/PLM- application field will be presented live at the ECS booth. The ECS products are based on latest technologies and reflect the experiences of international and national projects.

The following solutions will be presented live:

eCenter Cockpit, a highly ergonomic and intuitive user interface, which provides the user all connected data sources from the different systems (PLM, ERP,...) via one user interface

eCenter icm2 connects seamless the already existing parts lists in your in-house PLM-/ ERP- systems with the material data and structures of the IMDS. It reduces expenses and error rate by automation of data entry, validation and transmission

PLM Integrator, the SAP certified solution for a seamless backend integration of non-SAP PDM-/PLM- systems into the exchange infrastructure (PI) of SAP NetWeaver (so called XI/PI Adapter)

ERPxPDM, the SAP certified business process management solution for a quick setup of costumer specific exchange scenarios for product defining data on platform of the SAP NetWeaver PI

For further informations about this event please take a look at the Product Life live organisation-homepage: <http://www.productlife.de>.

ECS will be at Product Life live 2010 from 2-3/03/2010 at booth Nr. 206 in the Schwabenlandhalle in Stuttgart-Fellbach.

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Leading Machine-Tool Company Mori Seiki Co., Ltd., to Sponsor ESPRIT World Conference 2010

9 February 2010

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[DP Technology](#), creator of ESPRIT®, announced that Mori Seiki USA, a leading machine tool manufacturer, will be a primary sponsor of the ESPRIT World Conference (EWC) 2010, slated to take place May 18-21 in Long Beach, Calif.

Hosted each year by DP Technology for its ESPRIT community, the ESPRIT World Conference offers a comprehensive suite of product training courses, enlightening and motivational business presentations, exposure to the direction of future product developments, and networking opportunities via hosted events throughout the week-long conference. EWC 2010 will also mark the public introduction of ESPRIT 2011.

EWC is attended annually by members of the ESPRIT community, including resellers, end-users and business partners, and attracts participants from around the world. The conference grants attendees the important role of providing vital guidance and feedback that is used to shape future product developments.

The latest versions of ESPRIT software are the result of a balanced effort focusing on both the shorter-term needs of existing customers and the longer-term direction of the metal-working community. New developments within this latest version of ESPRIT place great emphasis on providing existing ESPRIT customers with additional tools that will increase their productivity.

About Mori Seiki

Mori Seiki produces has a reputation for producing extremely reliable machine tools that are distributed worldwide. Within the Americas, Mori Seiki's United States headquarters are in Chicago, and the company maintains American offices in Boston, Brampton, Chicago, Charlotte, Cincinnati, Dallas, Los Angeles, San Francisco and Seattle, as well as offices in Monterrey and Mexico City, Mexico; and Curitiba and Sao Paulo, Brazil. For more about Mori Seiki and its products, visit <http://www.moriseikius.com> or call (847) 593-5400.

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PROSTEP PDM Migration - Expert Series Free Webinars and Optional Workshop

February 2010

PROSTEP has combined its most popular webinars into groups of related topics and created an "Expert Series" with a focus on a deeper level of coverage for each topic. Each Expert Series is built around a central theme and consist of 3 short Webinars, and an online Workshop.

Each Webinar session is about 45 minutes long, and broadcast online at the times indicated below. The webinars are designed to introduce the attendee to the topics and provide a generalized education from beginner to intermediate.

Each Workshop is designed with a more personal and interactive approach. Through the workshop, the attendee is presented with in-depth use cases, and has the opportunity to work on situations unique to them and their company. The goal of the workshop is to help the attendees form a customized approach to their special situation. Because of this hands on approach, the workshop sizes are limited, and early registration is strongly suggested.

Our Next Scheduled Event

PDM MIGRATION - EXPERT SERIES

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(March 18 and March 24, 2010)

The PDM Migration Expert Series is designed to give the attendee a comprehensive overview of the advantages of various types of migration strategies (Big Bang, Incremental, Hybrid, and Federation). Through real life customer examples and the introduction of standards based technologies, the attendee will gain a firm understanding about the big picture of PDM Migrations.

March 18 (1pm EST / NYC Time) PART 1

March 18 (2pm EST / NYC Time) PART 2

March 18 (3pm EST / NYC Time) PART 3

OPTIONAL WORKSHOP & EXPERT SERIES WRAP-UP expands upon the topics introduced in the webinars, and provides for a more in-depth and interactive experience. The Workshop attendee will be able to bring their unique issues and obtain personalized recommendations. Templates, case studies, and white papers are also provided.

March 24 (1pm – 2:30pm EST / NYC Time)

For any Questions Please Contact register@prostep.com
or call PROSTEP INC Toll Free +1-8 PROSTEP 01
or International +1-248-247-1007

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SAP to Hold SAPPHIRE® 2010 Customer Conferences in Europe and U.S.

9 February 2010

Building on the success of last year's SAPPHIRE® 2009 customer conference in Orlando, Florida, drawing an audience of more than 18,000 people online and in person, [SAP AG](#) today announced that this year's show will be expanded to Europe. By holding SAPPHIRE 2010 simultaneously in Orlando, Florida, and Frankfurt, Germany, May 17 to 19, SAP aims to create an innovative, compelling and relevant experience that uses technology and social media to share SAP insights and innovations, and connect customers and partners around the world.

The European return of this customer conference underlines SAP's commitment to customers as well as heightened demand for opportunities to engage with peers and SAP partners and representatives. The event continues on the heels of a [major presence at the CeBIT trade fair](#), in Hanover, Germany, March 2-5, where Europe's largest software company will also host a German SAP World Tour event.

SAPPHIRE 2010 promises to elevate the show's reputation as the place to gain deeper insight into how best-run companies use SAP software to power best practices and how the SAP product road map will enable next practices. The events will use real-time connected sessions between Orlando and Frankfurt to help customers share with peers and experts at either physical location, expanding the opportunities to learn first-hand about customer successes, product innovations and industry trends.

Attendees will have faster access to more information than ever before, with information delivered via the latest interactive technologies on large-screen kiosks, where they can explore and experience innovative applications of business software by SAP, customers and partners. More than 250 partners

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are expected to participate in sessions and exhibit on the conference floor.

To register for the Orlando event, please visit www.sapandasug.com; for registration for the Frankfurt event, please visit www.sap.com/sapphire/emea. Again this year, SAP and the Americas' SAP Users' Group (ASUG) are co-locating their annual events in Orlando, where the 2010 ASUG Annual Conference also takes place May 16-19.

Follow SAP on Twitter at [@sapnews](https://twitter.com/sapnews).

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SPESA EXPO 2010 Surpasses Prior Exhibit Sales Mark

12 February 2010

The Sewn Products Equipment & Suppliers of the Americas (SPESA) announced that, with more than 3 months remaining before the event, booth sales for its May 18-20 SPESA EXPO in Atlanta, Georgia have already surpassed the total exhibit space occupied in the previous edition of the triennial event which was held in Miami Beach.

Driving the increase in floor space is the addition of several new exhibit categories for 2010, including fabrics and materials, trims and components, product development services, production and supply chain services, and information technology (IT). The historically strong SPESA EXPO machinery and equipment categories are returning en masse for the 2010 edition. Also factoring into the expansion are a number of new special attractions including the first-ever Made in USA Supply Chain, Supply Chain of the Americas, and IT Showcase show components; as well as the updated Cool Zone v2.0 and numerous country and regional pavilions from Latin America, Asia, and Europe.

The trade group also reported that attendee registration, which recently opened online, is very strong; tracking ahead of the numbers achieved at similar intervals prior to the 2007 event. 'Textile & Sewn Products Industry Week' co-location partners and prominent textile industry events ATME-I/MEGATEX and TECHTEXTIL NORTH AMERICA are also reporting similar advance attendee results.

"We are pleased with the way both exhibitors and attendees are embracing our event," noted SPESA President Benton Gardner. "As companies continually strive for greater product innovation and more efficient operations, [SPESA EXPO](#) serves as a valuable resource for the technology, supply chain services, and knowledge that fashion and sewn products retailers, brands, manufacturers need to succeed in 2010 and beyond. For these and other reasons, we expect to see continued strong space sales and pre-registration right up until the start of the event."

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Wrightspeed, Chrysler, The Hansen Report, Daimler Trucks and Mentor Graphics among the speakers at the 10th IESF Conference for the Automotive and Commercial Vehicle Industry

12 February 2010

Mentor Graphics Corporation announced the agenda for the tenth Integrated Electrical Solutions Forum (IESF) program. IESF is a full one-day conference that has become one of the leading forums for electrical and electronic systems design, network design, wire harness engineering, simulation and analysis within the automotive, commercial vehicle and off-highway industry. IESF 2010 takes place on

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March 18th, 2010 at the Hyatt Dearborn, Michigan.

IESF consists of numerous industry presentations, including guest keynote speakers, breakout tracks of specialist topics, an industry roundtable hosted by Daimler Trucks North America, a solutions exposition, demonstrations, and networking events that offer managers and engineers the opportunity to explore issues, examine solutions, and network with peers.

The program includes several keynotes:

- Ten Years' Worth of Automotive Design Questions Have Answers Today - Walden C. Rhines, Chief Executive Officer and Chairman of the Board, Mentor Graphics
- Challenges of Automotive Electrical Complexity: The OEM Perspective - John Antilla, Operations Program Manager, Systems & Components, Chrysler
- From Pistons and Gears to Electronics and Software: The Coming Transportation Technology Disruption - Ian Wright, Wrightspeed

Other topics and speakers in the program include:

- Delivering Dealers VIN-based Service Documentation Online and On Demand - Ron M. Wadood, Manager - Wiring Diagrams/ Electrical Systems, Dealer Technical Operations, Chrysler
- AUTOSAR and Beyond: Automotive HW/SW Architectures and Processes - Dr. Guenter Reichart, one of the initiators and founders of AUTOSAR
- Current Trends and Challenges in the Automotive Wiring Industry - Barry Fason, Independent Consultant
- ECU Software and Conformance Testing Supporting AUTOSAR - Joachim Langenwalter, Mentor Graphics
- Software Support For Electric and Hybrid Vehicle Design - Nick Smith, Mentor Graphics

Also speaking at IESF 2010 is Paul Hansen, founder and editor of The Hansen Report on Automotive Electronics, the leading analyst publication in the global automotive electronics industry. He will discuss electrical and electronics industry trends. All IESF attendees will receive a free three-month subscription to The Hansen Report.

IESF is a free event. For more information or to register, visit <http://www.mentor.com/go/iesf>.

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Financial News

Aspen Technology Announces Financial Results for the Second Quarter Fiscal Year 2010

9 February 2010

Aspen Technology, Inc. (NASDAQ: AZPN, as of February 10, 2010) a leading provider of software and services to the process industries, announced its financial results for its second quarter of fiscal 2010, ended December 31, 2009.

Mark Fusco, Chief Executive Officer of AspenTech, said, "We are pleased with the company's performance in the second quarter, as solid transaction flow drove product-related bookings of approximately \$95 million. Within product related bookings, the license portion was consistent with the year ago period. Early customer response to our new aspenONE licensing model has been very

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favorable, which is driving both renewal activity and expanded usage with customers across each of our target markets. As we look to the second half of our fiscal year, customer interest levels remain high and we are encouraged by the positive impact of our new aspenONE licensing model on both our competitive position and long-term market opportunity.”

Fusco added, “After bringing our financial statements current with the filing of our first quarter results and subsequently filing our second quarter results in a timely manner, we have been approved to relist the company’s common stock on the NASDAQ stock market effective tomorrow morning under the ticker ‘AZPN’. We are excited to complete this process so that investors can focus exclusively on AspenTech’s business performance, strong competitive position and market opportunity.”

AspenTech’s total revenue of \$42.7 million decreased from \$82.6 million in the second quarter of the prior year, due primarily to the ratable revenue recognition associated with the company’s new aspenONE licensing model.

- Subscription revenue includes all revenue associated with the company’s new aspenONE licensing model. Subscription revenue was approximately \$1.2 million in the second quarter of fiscal 2010. No subscription revenue was recorded in the year ago period as the company’s new aspenONE licensing model was launched during the first quarter of fiscal 2010. Subscription revenue is recognized over the course of the multi-year agreement, and recognition begins when the first payment is due, which is typically 30 days after the contract is signed.
- Software revenue includes all non-subscription-based license revenue, including term-based contracts for point products as well as perpetual licenses. Software revenue was \$9.0 million in the second quarter of fiscal 2010, compared to \$47.3 million in the year ago period. In fiscal year 2010, software revenue related to term contracts is recognized over the contract term, generally as payments become due. In prior fiscal year periods, the company predominantly recognized term license revenue on an up-front basis, and what was previously categorized as license revenue typically equaled license bookings. However, in the second quarter of fiscal year 2009, license revenue was approximately \$17 million lower than license bookings as a result of certain license bookings not meeting the criteria for up-front revenue recognition.
- Services & other revenue, which includes professional services, maintenance and other revenue, was \$32.5 million in the second quarter of fiscal 2010, a decrease compared to \$35.4 million in the year ago period. The year-over-year decline was primarily a result of the more challenging economic environment compared to the year ago period. Services and other revenue was up sequentially compared to \$28.7 million in the first quarter of fiscal 2010.

For the quarter ended December 31, 2009, AspenTech reported a loss from operations of \$29.3 million due primarily to the ratable revenue recognition associated with the company’s new aspenONE licensing model. For the quarter ended December 31, 2008, the company reported income from operations of \$18.8 million. Net loss was \$30.7 million in the second quarter of fiscal 2010, leading to net loss per basic and diluted share of \$0.34 compared to net income per diluted share of \$0.25 in the same period last year.

AspenTech had a cash balance of \$109.4 million at December 31, 2009, compared to \$109.0 million at the end of the first quarter of fiscal 2010. The company did not sell any installments receivable to raise cash during the second quarter of fiscal 2010 and it continued to reduce its secured borrowings balance, which was \$96.5 million at the end of the quarter, down \$12.3 million compared to \$108.8 million at the end of the first quarter of fiscal 2010.

CIMdata PLM Industry Summary

Other Second Quarter Business Metrics

- The company closed 18 product-related bookings of over \$1 million during the second quarter, and 57 product related bookings between \$250,000 and \$1 million.
- Average deal size for product-related bookings over \$100,000 was \$778,000 in the second quarter.

Conference Call and Webcast

AspenTech will host a conference call and webcast today, February 9, at 5:00 p.m. (Eastern Time), to discuss the company's financial results for the first quarter of fiscal 2010., A replay of the call will be archived on AspenTech's [website](#) and will also be available via telephone at (800) 642-1687 or (706) 645-9291, conference ID code 53424224 through February 16, 2010.

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Dassault Systèmes Reports 2009 Fourth Quarter Results, With Operating Margin Expansion and Earnings Growth

11 February 2010

Dassault Systèmes (DS) reported IFRS unaudited financial results for the fourth quarter and year ended December 31, 2009. These results were reviewed by the Company's Board of Directors on February 10, 2010.

Summary Highlights

- 2009 fourth quarter and full year results in line with Company financial objectives
- Fourth quarter sequential new license revenue performance led by Americas and ENOVIA
- Resilient 2009 recurring software revenue, up 5% in constant currencies
- 2009 non-IFRS operating margin reaches DS' objective of 25%, with two consecutive quarters of operating margin expansion
- Cash and short-term investments pass €1 billion milestone, net financial position of €858 million
- Pending acquisition of IBM PLM on track for completion by early April, largest acquisition in DS history

Fourth Quarter and Full Year 2009 Financial Summary (unaudited)

In millions of Euros, except per share data

	IFRS			Non-IFRS		
		Change	Change in cc*		Change	Change in cc*
Q4 Total Revenue	339.0	(11%)	(7%)	339.1	(12%)	(7%)
	-	-	-	-	-	-

CIMdata PLM Industry Summary

Q4 Software Revenue	301.1	(9%)	(5%)	301.2	(9%)	(5%)
Q4 EPS	0.65	38%	-	0.68	3%	-
Q4 Operating Margin	27.1%	-	-	32.6%	-	-

In millions of Euros, except per share data

	IFRS			Non-IFRS		
		Change	Change in cc*		Change	Change in cc*
FY 2009 Total Revenue	1,251.3	(6%)	(9%)	1,252.8	(6%)	(9%)
FY 2009 Software Revenue	1,099.8	(5%)	(8%)	1,101.3	(5%)	(8%)
FY 2009 EPS	1.43	(15%)**	-	1.86	(8%)	-
FY 2009 Operating Margin	18.5%	-	-	25.0%	-	-

* In constant currencies.

** In 2008 DS recorded a €7 million (€0.13 per share) gain on sale for its prior corporate headquarters facility in other operating income and expense, net

“Dassault Systèmes made significant progress during 2009 to prepare for the future,” commented Bernard Charlès, Dassault Systèmes President and Chief Executive Officer. “We strengthened the leadership of each of our six brands, enhanced the quality and performance of our entire software portfolio, improved the global efficiency of our organization, and our global market share has grown as well. On top of this we are eager to integrate the IBM PLM organization. Our customers will benefit from closer relationships with our sales and support teams, as well as unique deployment capabilities thanks to our renewed partnership with IBM.”

“Looking forward, we have laid the ground-work for our growth over the next five years, thanks to the industry’s largest sales capacity, our Version 6 platform and our wide applications portfolio. All this is coming at the right time to help our customers address their new challenges to advance sustainable innovation. As a result, we believe Dassault Systèmes will be very well positioned to leverage market conditions as they improve.”

Fourth Quarter 2009 Financial Review

(unaudited)

In millions of Euros	IFRS			Non-IFRS		
	Q4 2009	Q4 2008	Change in cc*	Q4 2009	Q4 2008	Change in cc*
Total Revenue	339.0	382.9	(7%)	339.1	384.4	(7%)
Software Revenue	301.1	330.8	(5%)	301.2	332.3	(5%)
Services and other Revenue	37.9	52.1	(24%)	37.9	52.1	(24%)

CIMdata PLM Industry Summary

PLM software Revenue	237.1	255.8	(3%)	237.2	257.3	(4%)
Mainstream 3D software Revenue	64.0	75.0	(9%)	64.0	75.0	(9%)
Americas	103.3	118.9	(3%)	103.3	119.2	(3%)
Europe	160.9	178.3	(9%)	161.0	178.8	(9%)
Asia	74.8	85.7	(9%)	74.8	86.4	(9%)

*In constant currencies.

Fourth quarter results were in line with the Company's financial objectives. New license revenue grew 66% sequentially in constant currency, higher than normal seasonality, reflecting increased activity in both the Americas and Asia. While new business activity is still lower year on year, the Company started to see a return to some larger transactions in both its ENOVIA and CATIA businesses.

- Excluding currency headwinds, IFRS total revenue and non-IFRS total revenue decreased 7%. Software revenue results in comparison to the year-ago quarter reflected lower activity due to the recession, partially offset by stable recurring software revenue. On a constant currency basis, IFRS and non-IFRS software revenue decreased 5%, with new licenses revenue decreasing 12%, while recurring software revenue was almost unchanged year over year.
- Excluding currency effects, non-IFRS PLM software revenue declined 4%, with CATIA lower by 7% and ENOVIA by 4%, while Other PLM increased 7% principally thanks to SIMULIA and DELMIA. Mainstream 3D software revenue decreased 9% in constant currencies.
- The Company's cost savings program benefits are clear from the reduction of operating expenses during the 2009 fourth quarter. Specifically, IFRS and non-IFRS operating expenses decreased by 18% and 16% (11% excluding currency impact), respectively, during the 2009 fourth quarter in comparison to the 2008 period.
- Fourth quarter 2009 IFRS and non-IFRS operating margins and earnings per share grew in comparison to the year-ago quarter. The IFRS operating margin and net income per diluted share increased to 27.1% and €0.65, respectively. The non-IFRS operating margin expanded to 32.6% from 29.7% and non-IFRS net income per diluted share increased 3% to €0.68 per diluted share in comparison to the 2008 period. IFRS and non-IFRS net income per diluted share also benefited from decreases in the effective tax rate.

2009 Full Year Financial Summary (unaudited)

In millions of Euros	IFRS	Non-IFRS
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CIMdata PLM Industry Summary

	FY 2009	FY 2008	Change in cc*	FY 2009	FY 2008	Change in cc*
Total Revenue	1,251.3	1,334.8	(9%)	1,252.8	1,338.2	(9%)
Software Revenue	1,099.8	1,154.4	(8%)	1,101.3	1,157.8	(8%)
Services and other Revenue	151.5	180.4	(19%)	151.5	180.4	(19%)
	-	-	-	-	-	-
PLM software Revenue	839.0	878.2	(7%)	840.5	881.6	(8%)
Mainstream 3D software Revenue	260.8	276.2	(9%)	260.8	276.2	(9%)
	-	-	-	-	-	-
Americas	386.3	410.1	(11%)	386.9	411.9	(11%)
Europe	577.5	620.2	(6%)	577.7	621.0	(6%)
Asia	287.5	304.5	(14%)	288.2	305.3	(14%)
	-	-	-	-	-	-

*In constant currencies.

Full year financial results were in line with the Company's financial objectives. Overall revenue results reflect the benefits of recurring software revenue, which represented 73% of total software revenue and 64% of total revenue. Operating margin and earnings results benefited from the cost savings program put in place by the Company. At year-end the Company had 7,834 personnel, a generally stable overall employee base in comparison to 2008. The Company continued to add resources in research and development, expanding R&D headcount by 4% at December 31, 2009 compared to the 2008 year-end.

- 2009 IFRS and non-IFRS total revenue declined approximately 6% on a reported basis and by 9% in constant currencies, reflecting the impact of the global economic recession.
- Looking at revenue results by region, Europe held up well, with a decrease limited to 6% in constant currencies thanks to stable results in Germany and France which helped offset lower activity in other countries within the region. Revenue in the Americas decreased 11% on lower activity in the U.S. while in Latin America the Company saw year-over-year growth. Revenue in Asia decreased 14% in constant currencies due principally to a strong decrease in new activity in Japan, offset in part by growth in China and Korea.
- 2009 IFRS and non-IFRS software revenue was lower by approximately 8%, reflecting a decrease in new licenses revenue of 32% offset in part by periodic licenses, maintenance, and product development revenue growth of 5% (all figures in constant currencies).
- Non-IFRS recurring software revenue totaled €806.7 million and represented 73% of total software revenue during 2009, compared to 64% in 2008.

CIMdata PLM Industry Summary

- Evolution of services and other revenue during 2009 principally reflected a decrease in consulting activity as a consequence of lower new software sales.
- Non-IFRS operating expenses decreased 8% excluding currency impact in 2009 compared to 2008 (IFRS and non-IFRS operating expenses decreased by 4% and 6%, respectively) and the Company overachieved its €120 million savings objective.
- Primarily reflecting lower interest rates on cash investments, financial revenue and other, net swung from a positive contribution of €8.9 million for 2008 to (€1.1) million for 2009.
- The decrease in IFRS diluted net income per share of 15% for 2009 in part reflected the 2008 gain on sale of part of the Company's prior corporate headquarters facility included in other operating income and expense, net.
- Thanks to the Company's cost savings program, the non-IFRS operating margin was 25.0% compared to 25.6% for 2008 despite the decrease in revenue. Non-IFRS net income per diluted share decreased 8%.

Cash Flow and Other Financial Highlights

IFRS net operating cash flow was €297.9 million for 2009 compared to €309.1 million for the year ended December 31, 2008.

Cash and short-term investments passed the €1 billion milestone, reaching €1.06 billion at December 31, 2009, compared to €840.4 million at December 31, 2008. During 2009, the Company paid cash dividends totalling €54.8 million, with the cash dividend per share stable with the prior year.

The Company's net financial position was €858 million, net of outstanding debt consisting of €200 million of financial long-term debt, at December 31, 2009.

Summary Business and Corporate Highlights

2009 new business activity and re-orders by customers included among others: Babcock and Wilcox Power Generation Group, Inc., Bath Ironworks, Beckman Coulter, BMW, Bombardier, Boston Apparel Group, Dana Holding Corporation, EADS, Eldo, Embraer, GE Healthcare, Great Wall Motor Company Ltd., Guess, Inc., Gulfstream, Hawker Beechcraft, Johnson Controls, Piaggio Aero, Procter & Gamble, Renault Group, Samsung Heavy Industries, Spirit, Trent Ltd., Under Armour, and Vanity Fair.

Dassault Systèmes and IBM announced their intent to integrate the IBM PLM sales force within DS and to sign a new global alliance to expand PLM in all industries - In October, 2009 DS and IBM signed a definitive agreement whereby DS would acquire the IBM sales and client support business operations encompassing DS PLM software application portfolio, as well as customer contracts and related assets ("IBM PLM"), for approximately \$600 million in cash less assumed liabilities. DS and IBM also defined the next steps in their long-standing relationship, with plans to establish DS as a strategic IBM global alliance partner and to expand their services partnership.

Dassault Systèmes expands PLM at P&G providing Technology to Simplify and Optimize the Packaging and Artwork Process – In a separate press release issued today, DS announced that Procter & Gamble, the world's largest consumer goods company, has extended the scope of its V6 PLM implementation to incorporate global packaging and artwork initiatives. This builds on P&G's for an enterprise-wide PLM process. Together, DS and P&G are developing a highly integrated suite of products to help make the packaging process more efficient, improve speed to market, increase shelf impact and, ultimately, create a better experience for consumers.

CIMdata PLM Industry Summary

Streamlining these services is another example of how DS is supporting P&G's focus on "Simplify, Scale & Execute" which is one of P&G's key growth strategies.

Lifelike Experience and Social Innovation at Heart of New V6 Release V6R2010x – In November, 2009 DS launched V6R2010x, in support of DS' PLM 2.0 and Social Innovation strategy serving new audiences within all communities, including traditional industry-oriented ones. The enhancements are delivered in the three sectors of V6's organic architecture (Lifelike Experience, Collaborative I-PLM and IP Creation). V6R2010x extends the reach of the V6 platform beyond on-premises solutions to include mobile and cloud solutions. The V6R2010x platform delivers new and unique capabilities that connect users within their companies or with external online communities. It enables them to create and share their IP and 3D experiences with the ease of use of common Internet tools and the control required in industrial companies.

Standardization of Planning Processes within Central Environment Simplifies Early Product Development

- In November, 2009 DS announced that global power tools provider ANDREAS STIHL AG & Co. KG had selected Dassault Systèmes DELMIA Process Engineer to optimize complex planning processes for product development. The STIHL Group develops, manufactures, and distributes power equipment for forestry, landscaping, and construction industries. Products are sold primarily through authorized service dealers. The STIHL global sales organization includes 32 sales subsidiaries, more than 120 importers, and nearly 35,000 dealers in over 160 countries on five continents. STIHL has been the world's best-selling chainsaw brand since 1971.

Dassault Systèmes Unveils Collaborative Innovation Initiative for Consumer Packaged Goods – In November 2009, DS unveiled a new initiative designed specifically to enable consumer packaged goods companies to increase overall organizational efficiency and cost management. The primary value of the Collaborative Business Processes Initiative for Consumer Packaged Goods companies is to accelerate innovation by promoting global standardization and re-use of intellectual property throughout the supply chain helping to generate global economies of scale, reduce cycle times and improve quality.

Business Outlook

Thibault de Tersant, Senior Executive Vice President and CFO, commented, *"Looking at 2009 as a whole, it was rewarding to see how well DS managed through this difficult period. Thanks to the value our software brings to our customers' businesses, our recurring revenue was quite resilient, enabling us to contain the impact of the global recession to a single-digit software revenue decrease. And thanks to the efforts of the entire DS organization, we have been able to protect our operating margin, while maintaining our sales and customer services capacity, as well as increasing our R&D staffing."*

"Turning to our outlook, we expect 2010 to be a period of slow economic recovery. Nonetheless, within this environment we expect to drive double-digit constant currency new license revenue growth before taking into account the contribution from the IBM PLM acquisition."

"Incorporating the IBM PLM acquisition into our financial objectives, assuming it is completed by early April, leads to a target revenue growth of 15% to 17% in constant currencies for 2010 and a target improvement in our operating margin of about 100 basis points in comparison to 2009."

"Our outlook for the first quarter assumes normal seasonal factors and the flow-through impact from lower new license sales during 2009 on maintenance growth as well as some conservatism around sales activity as we prepare for the acquisition to close."

The Company's objectives are prepared and communicated only on a non-IFRS basis and are subject to the cautionary statement set forth below.

The Company has assumed that the acquisition of IBM PLM is completed during the second quarter of 2010 and has incorporated the effects of this transaction for an estimated period of nine months during 2010. The Company's current objectives are the following:

CIMdata PLM Industry Summary

- First quarter 2010 non-IFRS total revenue objective range of about €280 to €300 million and non-IFRS EPS range of about €0.32 to €0.39;
- 2010 non-IFRS total revenue objective growth range of about 15% to 17% in constant currencies (€1.410 to €1.440 billion: including approximately €165 million from the inclusion of IBM PLM, based upon the 2010 currency exchange rate assumptions below);
- 2010 non-IFRS operating margin of about 26%;
- 2010 non-IFRS EPS range of about €2.09 to €2.19;
- Objectives are based upon exchange rate assumptions for the 2010 first quarter and full year of US\$1.45 per €1.00 and JPY140 per €1.00.

The non-IFRS objectives set forth above do not take into account the following accounting elements, and are estimated based upon the estimated 2010 currency exchange rates above. They do not take into account the impact the IBM PLM acquisition may have on the following elements: (i) deferred revenue write-downs estimated at approximately €0 million for 2010; (ii) share-based compensation expense estimated at approximately €15 million for 2010, and (iii) amortization of acquired intangibles estimated at approximately €38 million for 2010. The above objectives do not include any impact from other operating income and expense, net principally comprised of notably, acquisition, integration and restructuring expenses. These estimates also do not include any new stock option or share grants, or any new acquisitions or restructurings completed after February 11, 2010.

Webcast and Conference Call Information

Dassault Systèmes will host an analysts meeting in Paris which will be webcasted and a conference call today, Thursday, February 11, 2010. Management will host the webcast at 10:00 AM time London time/11:00 AM CET time and will then host the conference call at 9:00 AM New York time /2:00 PM London time/3:00 PM CET. The webcast and conference call will be available via the Internet by accessing <http://www.3ds.com/company/finance/>. Please go to the website at least fifteen minutes prior to the webcast or conference call to register, download and install any necessary audio software. The webcast and conference call will be archived for 30 days.

Additional investor information can be accessed at <http://www.3ds.com/company/finance/> or by calling Dassault Systèmes' Investor Relations at 33.1.61.62.69.24.

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Lectra's Q4 2009 Financial Results Exceed Expectations

11 February 2010

Today, Lectra's Board of Directors, chaired by André Harari, reviewed the audited consolidated financial statements for the full year 2009.

(Detailed comparisons between 2009 and 2008 are like-for-like.)

Q4 2009: Orders Recover Strongly

Orders for new software licenses and CAD/CAM equipment (€17.8 million) are distinctly higher than for the first three quarters of 2009 (€10.4, €10.6 and €11.3 million, respectively). They were up 22% overall compared to Q4 2008, confirming the first positive signs noticed in September.

Sales of spare parts and consumables are also on the rise, up 5% relative to Q4 2008, versus a 22%

CIMdata PLM Industry Summary

decline for the first nine months of the year, reflecting a progressive return to output growth in Lectra's customer firms.

Q4 2009 revenues (€12.6 million) are down 7%. Revenues from new systems sales (€7.5 million) were down 13%. Recurring revenues (€5.1 million) decreased by 2%. (4) At December 31

Income From Operations Before Non-Recurring Items and Free Cash Flow Exceed Expectations

Income from operations before non-recurring items was positive at €2.6 million, due to the combined effect of a slight rebound in activity, an improvement in margins, and the cost-cutting measures initiated at the beginning of the crisis and further reinforced throughout the year.

Fixed overhead costs, before non-recurring items, amounted to €5.4 million, a reduction of €1.2 million (-14%).

Further initiatives to reorganize and optimize resources were taken at the end of 2009 to improve the company's key operating ratios in 2010. These initiatives add up to an aggregate non-recurring charge of €1.9 million. They will further reduce the Group's fixed overhead costs by €3.1 million in a full year.

The company registered a positive net income of €0.6 million, slightly up compared to 2008, at actual exchange rates.

Free cash flow was positive at €2.0 million, after €0.5 million in non-recurring disbursements.

The International Arbitral Tribunal Awards Lectra €25.3 million

On October 28, 2009, the International Court of Arbitration of the International Chamber of Commerce (with hearings in London) notified the parties of the award in the arbitration initiated in June 2005 by Lectra against Induyco, the former shareholder of Investronica Sistemas.

Induyco has since opposed to the payment of the award and obtained an interim order in Spain temporarily suspending operation of the first demand guarantees it had provided to Lectra (Lectra has appealed against this decision). Induyco also commenced proceedings in Spain, challenging Lectra's demand under the demand guarantees, and in the U.K., challenging the award.

Lectra considers both court actions to be entirely without merit and intends to mount an aggressive and vigorous defense of its rights, and to seek recovery of the amounts due to it under the award.

In view of these new proceedings, the award of €25.3 million has not been recognized in the 2009 financial statements, and the accounting methods applied to the arbitration procedure, as adopted at December 31, 2008, remain unchanged.

As all costs incurred by Lectra at the date of the award have already been paid in full, the execution of the arbitral decision will result in a cash inflow equal to the total amount of the award, i.e., €25.3 million (plus interest since the date of the decision).

Receipt of the award would enable the company to halve its existing debt.

2009: A Year Dominated by the Consequences of the Financial and Economic Crisis

Many companies suffered a brutal deterioration in their situation, with revenues tumbling as economic activity decreased sharply. This forced them to cut costs, drastically in many cases, and to freeze all their investment decisions. Many had to close plants, and some went out of business. The company was severely affected by its customers' difficulties and more generally by global macroeconomic conditions.

Particularly Weak Business Activity

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After falling 31% in 2008, orders for new software licenses and CAD/CAM equipment (€0.1 million) suffered a further identical fall in 2009. Orders for new software licenses dropped 28%, and those for CAD/CAM equipment were down 32%. The decline was 53% relative to 2007.

Revenues ended the year down 23% at €153.2 million, at actual exchange rates as well as like-for-like relative to 2008. Revenues from new systems sales (€6.2 million) fell by 41%, while recurring revenues (€97 million) declined by 7%.

The order backlog for new software licenses and CAD/CAM equipment at December 31, 2009 (€12.9 million) increased by €3.7 million relative to January 1. Most of this increase is a result of orders booked in the fourth quarter.

Income from Operations and Net Income Hold Up Well – Free Cash Flow Highly Positive

The overall gross margin worked out to 70.7%. Like-for-like, it came to 70.6%, up 3.8 percentage points relative to 2008.

Total overhead costs were €11.1 million, down €5.4 million (-12%) compared to 2008. These figures exclude the non-recurring charges expensed in Q4 2009.

Despite the economic crisis, the company continued to invest significantly in research and development.

Income from operations before non-recurring items was negative at €2.8 million. On a like-for-like basis, the loss was negative at €2.9 million, down €9.9 million relative to the positive income from operations in 2008.

Given the scale of the decrease in revenues from new systems sales, and despite their unusual decline, recurring revenues continued to play their role as a key stabilizing factor in Lectra's business model, acting as a cushion in periods of economic slowdown.

Net loss was €3.6 million (compared to a net income of €3.2 million in 2008).

This loss does not permit payment of a dividend in respect of the year in review. Re-affirming its confidence in the future, the Board of Directors intends to propose to the shareholders to resume its dividend payment policy as soon as its financial condition permits.

After €0.7 million in non-recurring disbursements, free cash flow was positive at €0.3 million.

Business Trends and Outlook

Several signs appeared to point to the beginnings of an improvement at the end of 2009, confirming the forecasts of most observers of an upturn in activity and a more or less pronounced return to growth as early as 2010. The rebound in orders in Q4 enabled the company to end the year on an optimistic note and gives grounds for hope, but it should be borne in mind that orders were still down 37% relative to Q4 2007, the last year before the onset of the crisis.

At the time of this press release, macroeconomic conditions remain uncertain. The unprecedented scale of the economic and financial crisis has perhaps not yet ceased to influence the situation of national economies and businesses alike, and the ending of some significant measures taken by most governments in their stimulus plans could weaken activity in certain sectors.

Like 2009, 2010 could therefore be a difficult one for Lectra, as for many companies around the world, pending confirmation of a lasting improvement in macroeconomic conditions. Visibility remains limited and uncertainty persists, calling for continued great vigilance.

CIMdata PLM Industry Summary

2010 Outlook

(The figures for 2010 are based on the assumption of an average parity of \$1.50/€ used for the 2010 budget, and changes are like-for-like compared to the 2009 results translated at the exchange rates used for 2010).

As in 2009, the action plans for 2010 were developed after exploring every possible form of action capable of lowering the company's breakeven point, by cutting its fixed overhead costs, safeguarding its margins, raising its security ratio (i.e., the coverage of annual fixed overhead costs by gross margin on recurring revenues), and continuing to generate significant positive free cash flow. The requisite fundamental measures have been implemented, some of them with effect as of January 1, 2010.

The main uncertainty for 2010 concerns the level of revenues from new systems sales. Given the order backlog at January 1, expected changes in the product mix in orders for new software licenses and CAD/CAM equipment, and the forecast level of recurring revenues, the company would exceed its breakeven point (i.e., achieve a positive net income) if orders for new software licenses and CAD/CAM equipment grew by more than 20% relative to 2009. In that case, orders would make good 18% of the gap between their level in 2007, before the crisis, and 2009. The corresponding revenues would amount to €163 million and income from operations to around €3 million.

The company has opted not to formulate estimates for the 2010 outlook, given the lack of visibility. Macroeconomic conditions in the first half of 2010 are expected to remain impaired and orders for new software licenses and CAD/CAM equipment persistently weak, although it is impossible to estimate the extent of this weakness. First-quarter income from operations is expected to be slightly negative or close to breakeven. In an optimistic scenario, the economy, and hence sales activity, could bounce back in the second half of the year.

Overall, unless economic conditions deteriorate further in 2010 compared to 2009, income from operations and net income should be positive.

Finally, free cash flow should exceed income before tax.

On February 3, 2010, the company hedged its exposure to the U.S. dollar for the first quarter (\$1.40/€).

Once the crisis is over, firms in the different geographical and market sectors served by the company will presumably need to acquire the technologies they require to boost their competitiveness. The crisis has amplified the challenges they face. Lectra customers should also begin to catch up on investments frozen or shelved for the past two years.

The company remains confident in the strength of its business model and its medium-term growth prospects. As reiterated last year, Lectra has consistently demonstrated its resilience during difficult periods in its history. Its prime objective is therefore to emerge strengthened from the current economic crisis.

First quarter earnings for 2010 will be published on April 29. The Annual Shareholders' Meeting will take place on April 30, 2010.

The Management Discussion and Analysis of Financial Condition and Results of Operations for Q4 and the fiscal year 2009 are available at <http://www.lectra.com>.

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Implementation Investments

APAC IC Adopts Synopsys Galaxy Custom Designer Solution to Meet Growing Analog/Mixed-Signal IC Design Service Demand

5 February 2010

[Synopsys, Inc.](#) announced that APAC IC Layout Consultant, Inc., a global provider of IC physical design services, has adopted Synopsys' Galaxy Custom Designer™ implementation solution. APAC IC, based in the Philippines, benefited from the ease with which Galaxy Custom Designer can be adopted to achieve high productivity for its team of layout engineers servicing a worldwide customer base. APAC IC selected Galaxy Customer Designer because of its productive and streamlined design environment and its openness for interoperability. APAC IC's custom design flow also includes Synopsys' HSPICE® circuit simulation, CustomSim™ FastSPICE simulator, Hercules™ physical verification and StarRC™ parasitic extraction solutions.

"We are focused on growing our business and contributing to establishing the Philippines as a center of semiconductor excellence," said Jerome Avondo, CEO and president of APAC IC. "Custom Designer's ease of use, productivity and interoperability have allowed us to meet the needs of our diverse international customer base."

Custom Designer is a modern-era custom implementation solution that delivers ease-of-use and leverages Synopsys' Galaxy™ Implementation Platform to provide a unified solution for custom and digital designs. Custom Designer is architected for productivity and is built on an open environment that supports interoperable PDKs (iPDKs) and standard languages to facilitate design reuse and exchange both within and between companies.

"APAC IC's adoption of Custom Designer is a testament to the growing ecosystem of companies that support the needs of our customers," said Farhad Hayat, senior director of product marketing at Synopsys. "Custom Designer's integration with our circuit simulation, physical verification and RC extraction tools provides a comprehensive and highly productive environment for analog and custom digital design teams."

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Apache Design Solutions' Power Analysis and Optimization Solutions Adopted by PLX Technology

9 February 2010

Apache Design Solutions announced that [PLX Technology](#), Inc. has adopted Apache's [RedHawk-NX](#) and [PakSi-E](#) solutions to improve their power grid design. PLX Technology is a leading global supplier of software-enriched silicon connectivity solutions for the enterprise PCI Express and consumer storage markets.

PLX chose RedHawk-NX and PakSi-E for their ability to provide accurate analysis of the power delivery network and to perform exploration of various design scenarios for optimal results. RedHawk-NX, the industry's leading full-chip dynamic power sign-off solution, was able to identify the location of power weaknesses in the design. It also allowed PLX to determine optimal fixes, including package selection, pad placement location and pad sizing through its "what-if" analysis capabilities. PakSi-E, Apache's IC package and system-in-package (SiP) 3D extraction and analysis tool, performs full package extraction and provides package parasitics for accurate SoC analysis.

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“We need to constantly improve our power grid design and analysis methodology especially at 40nm and below with lower operating voltages,” said Vijay Meduri, vice president of engineering at PLX Technology. “Apache’s ability to handle the design size and complexity we anticipate will ensure us that our power network will meet the required specification and function properly.”

“PLX Technology’s semiconductor-based solutions are known for their high quality interoperability and performance,” said Craig Shirley, vice president of worldwide sales at Apache. “We are pleased to be able to help PLX with their power analysis and optimization, enabling them to mitigate risk and reduce cost.”

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Catalog Data Solutions Selected by Standard Lifters for Online Catalog and CAD Downloads

9 February 2010

[Catalog Data Solutions](#) (CDS) announced that Standard Lifters LLC has selected its [Online Catalog](#) and [CAD Download](#) solution to present and download product CAD models online.

Standard Lifters develops and manufacturers innovative tooling products. “Our product range is highly flexible and configurable. Adding a digitally searchable catalog and CAD Downloads to our web site will save our customers time in finding, specifying and configuring our products for their designs,” said Scott Breen of Standard Lifters. “As a result we are increasing the ease of use of our products for our current customers and expect to see an increase in the number of online sales leads and RFQs.”

“We are delighted to have been selected by Standard Lifters for our leading online CAD model download and digital Catalog solution”, said John Major, CEO Catalog Data Solutions, “online 3D models are an important sales and marketing tool for all industrial suppliers and distributors. With many customers moving from 2D to 3D CAD systems providing online 3D CAD model downloads saves customers time and often ‘lock’ products into a design. Conversely suppliers without 3D models on their website are at risk of losing customers to their competition who do offer 3D models”.

About Standard Lifter

Standard Lifters, headquartered in Grand Rapids, Michigan, develops and manufactures tooling components used in metal stamping dies. They strive to develop new products that increase quality and lower the cost of building and maintaining stamping dies. Standard Lifters products allow customers to easily build custom tools with the benefits of standard components. For more information, visit www.standardlifters.com

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Dassault Systemes Provides P&G with Technology to Simplify and Optimize the Packaging and Artwork Process

11 February 2010

Dassault Systèmes (DS) announced that Procter & Gamble, the world’s largest consumer goods company, has extended the scope of its V6 PLM implementation to incorporate global packaging and artwork initiatives. This builds on the previously announced strategic selection of DS solutions for an enterprise-wide PLM process. Together, Dassault Systèmes and P&G are developing a highly integrated suite of products to help make the packaging process more efficient, improve speed to market, increase

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shelf impact and, ultimately, create a better experience for consumers. Streamlining these services is another example of how DS is supporting P&G's focus on "Simplify, Scale & Execute" which is one of the Company's key growth strategies.

P&G will be incorporating the virtual and digital design capabilities of CATIA V6 and virtual test capabilities of SIMULIA V6 into future packaging and artwork projects. This approach will enable a tighter integration with suppliers facilitating the faster creation of artwork and packaging shapes that address consumers' needs while simultaneously meeting a variety of manufacturability and in-store shelf suitability requirements. In addition, ENOVIA V6 will allow global collaboration, reuse of design elements, automation of repetitive tasks, and the leveraging of corporate standards while optimizing the overall cost and performance of product packaging.

"Our close cooperation with P&G, based on a shared vision and mutual trust, allows us to extend our V6 PLM for Fast Moving Consumer Goods (FMCG) in a wide range of business processes from consumers' insights, to market delivery", said Bernard Charlès, President and CEO, Dassault Systèmes. "More specifically, our approach to artwork and packaging, as defined in partnership with P&G, clearly marks another milestone, for the integration of enterprise product technical data and processes on a global basis."

"As P&G continues to serve more consumers, in more parts of the world, more completely, it is essential we have the right tools in place to drive greater efficiency," said Michael Telljohann, PLM director, P&G. "To address these opportunities as they arise, it's imperative that mission critical business processes like artwork and packaging move from a series of best-in-class point solutions to enterprise-wide integrated solutions. Dassault Systèmes' suite of V6 PLM products will help P&G drive scale, improve R&D productivity and accelerate the delivery of new products to market."

P&G currently leverages a variety of DS solutions including the 3DVIA Virtools solution to power its Virtual View project for retail virtualization and optimization. The company also has deployed ENOVIA's technical product management and reuse capabilities in the implementation of the Corporate Standards System (CSS). Finally, P&G has a long-term relationship with SIMULIA regarding use of Abaqus technology for multiphysics simulation and announced earlier in 2009 that the Company would leverage the SIMULIA SLM solution to manage its simulation IP and processes.

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Euklid CAD/CAM AG Selects ModuleWorks Simulation Technology

9 February 2010

ModuleWorks have confirmed their partnership with CAD/CAM Solution provider, Euklid CAD/CAM AG to provide Simulation for the EUKLID product range. A full case study may be found on the ModuleWorks www site, but the highlights are included below.

EUKLID, from Switzerland, is a well known CAM system specialising in the design and manufacture of mould tools and dies. It includes sophisticated CAM strategies for machining including high speed cutting and 5-Axis simultaneous machining.

In 2008, Euklid recognised the growing demand for Simulation technology from their customers and decided this needed to be a part of the EUKLID product range. Customers were pushing harder for right first time and looking to use simulation technology to help optimise tool paths and eliminate programming errors and possible collisions.

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In looking for a solution, Euklid evaluated a number of providers and selected ModuleWorks as the preferred simulation partner. The decision came down to a number of factors including time to market, ease of implementation, technical support and the size and manufacturing expertise of the ModuleWorks team.

EUKLID simulation was released in 2009 and enthusiastically received by EUKLID customers. Heribert Kaiser, Sales Director for Euklid comments “Our customers immediately saw the added value provided by our simulation software. In many cases they reported that they had improved the programming process and part quality and that their operators were more confident working with the final NC program. We saw a positive impact on sales and our customers were happy with the additional tools so this was a true win-win situation”.

David Plater, Technical Director comments “Simulation is an increasingly important aspect of the manufacturing process with customers expectations of virtual prove out increasing as graphics hardware and software has become ever more powerful. Our technology is ideal for CAM vendors offering easy integration of high performance simulation technology and we’re delighted to have Euklid as a partner.”

About Euklid

With almost 40 year of experience in the development and operation of the CAD/CAM system EUKLID, the Euklid CAD/CAM AG is an experienced and leading provider of solutions for the die and mould industry. It integrates with CAD, powerful NC-programming capabilities in the CAM part, and a full range of postprocessors all the steps to the milling machine. The range of applications extends from 5- and 3-axis milling of complex parts to drilling and milling in 2.5 axis. It is the goal of Euklid CAD/CAM AG to optimise the production process of their clients with the most recent CAD/CAM technologies with respect to quality, efficiency and speediness, while maintaining the highest standards with respect to precision and complexity.

(For more information, visit <http://www.euklid-cadcam.com>).

About ModuleWorks

ModuleWorks is a software component provider for the CAD/CAM industry. ModuleWorks’ expertise in 5-Axis simultaneous machining is recognised throughout the CAM industry and its software components for machining and simulation are used by more than 50% of the leading CAM vendors (as ranked by analyst CIMdata).

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FABEST Corporation: Revolutionary Change of the Die Design Process with ThinkDesign

10 February 2010

[Think3 Inc.](#) announced that FABEST Corporation has chosen ThinkDesign as its main 3D CAD system for metal stamping die design.

FABEST Corporation, headquartered in Ota, Gunma prefecture, Japan, has established an original process to shorten the Die Design and Production process called ‘parallel manufacturing.’ Adopting CAD/CAM/CAE tools, the Japanese company succeeded to shorten read time dramatically. Now, FABEST Corporation has many customers not only in Japan but also overseas. Under Globalization, the company has been facing the challenge to gain more efficiency in its process than ever. While selecting next 3D CAD system, FABEST Corporation realized that ThinkDesign provides the needed functions

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and performance to be used as its main CAD system. FABEST Corporation has adopted ThinkDesign in 3D model modification process, but within a year the company is going to adopt ThinkDesign in its Design Department and throughout its partner's network.

Mr. Hisashi Tajima, Managing Director at FABEST Corporation comments on why they chose ThinkDesign:

'We had been using another 3D CAD solution in Design Process, but the solution could not be the only one candidate. We winnowed few candidates and checked the functions of their solutions before making a decision. I think that ThinkDesign is the best solution which has strengths like 'Ease of use', 'Flexibility of License Management' and 'Powerful Functions.' It is a simple solution that does not require us to buy optional licenses to make valid many functions. ThinkDesign has a user friendly GUI and commands. Another aspect is the data unification. We used ThinkDesign in the 3D model modification process. Adopting ThinkDesign in Design Process means that data format will be unified. This allows easy Design Data management.'

FABEST Corporation aims to be more globalized, so the company appreciated that ThinkDesign is the 3D CAD solution that is spread over the world, not only in Europe, US, but also Asia and other countries. Mr. Hiroyuki Narizuka, Chief Design Engineering Section, comments as follows:

'At first, we had many candidates, such as design softwares specialized for Die Design and so on. On the occasion of the selection, we happened to be aware that one of our customers from overseas was using ThinkDesign in its Design process. This could be the reference. 'Speed' and 'Ease of use' govern efficiency of process. We checked these factors thoroughly. I think that ThinkDesign executes each command fast enough. And pricing of ThinkDesign will allow us to buy other licenses easily when we need more in future.'

'In addition, I expect ThinkDesign to save time in the modification process too. We have been using much time on modification due to the substandard quality of 3D models from the design process. But ThinkDesign supplies us with high quality 3D Model, so we can save time on modification process by adopting ThinkDesign in design process.'

FABEST Corporation makes efforts every day to enhance and maintain its strength by adopting cutting edge solutions. FABEST Corporation will adopt ThinkDesign Engineering, ThinkDesign Tooling and DieDesign to establish its New Design Process. Think3 is going to work with FABEST Corporation to establish optimized design process which can meet FABEST Corporation's existing design and manufacturing standards.

FABEST Corporation

President Mr. Akihiro Nakamura. Started as a Die Design firm, now it covers manufacturing of Dies for Metal Stamping. It has 86 employees. The company adopted cutting edge technology such as CAD/CAM/CAE and FMS and the efforts resulted in gaining a respected reputation from customers. FABEST Corporation is making efforts to establish technology to satisfy Customer needs by the assimilation of the Japanese 'MONOZUKURI' -based technique from factory and computer assisted technology.

FABEST Corporation has sales office in USA and a subsidiary in Taiwan. FABEST Corporation is going to widen its professional field from Automobiles to the overall Transportation market.

<http://www.fabest.jp/>

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Address:437 Uchigashima-cho Ota-city, Gunma 373-0813

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Global Leader in Apparel Manufacturing Live on Latest Lawson Solutions to Help Improve Employee Productivity

4 February 2010

Lawson Software announced that [TAL Group](#), a leading garment manufacturer based in Hong Kong, has gone live on the latest version of the Lawson enterprise software system for the [fashion industry](#). In addition, TAL is now using [Lawson Smart Office](#) to help improve productivity across its global operations.

Headquartered in Hong Kong, TAL is a world leader in the production of clothes that combine style, comfort and functionality. It specializes in the manufacturing of men's and women's garments for the world's leading brands such as Liz Claiborne, Brooks Brothers, JCPenney, LL Bean, Giordano, Banana Republic, Uniqlo, and Polo Ralph Lauren. Currently, the company produces one out of six men's dress shirts imported into the United States.

The company launched a system upgrade of Lawson enterprise applications in Hong Kong, mainland China, Thailand, Malaysia, Indonesia and Vietnam. The project kicked off in May 2009 and the company went live on the new Lawson applications in January 2010, on time and on budget.

"TAL is considered an industry leader in the supply chain area," said Dr. Delman Lee, director of technology for TAL. "This upgrade and implementation of the Lawson Smart Office technology has really propelled us to the next level in supply chain management. The ability for users to personalize their user experience in Smart Office is a highly effective way to help users work in a more productive and dynamic manner."

TAL has been using the Lawson M3 enterprise software system since 2002 for supply chain management, order management, capacity planning, production planning, inventory management, procurement, vendor managed inventory, material requirements planning, and finance. The company works closely with Lawson relating to the development of apparel-specific applications such as production planning, production scheduling, and supply chain technology.

Lawson Smart Office is a next-generation user interface designed to help customers enhance user productivity and collaboration, which helps make enterprise software more functional, effective and simpler to use. It will help users at TAL personalize their information workspace and bring together enterprise applications, business intelligence, desktop tools, and group collaboration – all in the context of the business task at hand.

"We also take comfort knowing that we've invested in a solution that equips our users with a knowledge-worker desktop that employs the latest visualization and usability techniques. We're also confident that this move will help take our efficiency to the next level," added Lee.

"During this economic climate, garment manufacturers are expected to do more with less. Companies that invest in technology that helps improve overall efficiency and effectiveness can have a competitive advantage," said Shane Cumming, industry director, Fashion, for Lawson in Asia Pacific & Japan. "Garment manufacturers that harness the power of Lawson solutions will have tools to help reduce overall costs, helping them emerge from the economic downturn as stronger organizations."

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Leading Refrigeration and Cooling Companies Choose Autodesk Inventor

11 February 2010

A growing number of refrigeration and cooling companies are bringing their machinery to market more quickly and efficiently with [Autodesk Inventor](#) software.

Companies such as Mammoth-WEBCO Inc. (Mammoth), a leading custom HVAC operation, and KYSOR Panel Systems (KYSOR), a leading developer of walk-in coolers and freezers based on innovative insulated panels, use Inventor software to go beyond 3D design to [Digital Prototyping](#). With Inventor software, these customers create a single digital model that gives them the ability to design, visualize and simulate their products before they are actually built.

By using Inventor software, Mammoth, which manufactures large-scale commercial custom rooftop equipment that weighs up to 60,000 pounds per section, no longer needs to construct physical prototypes and experiences far fewer errors when manufacturing its massive equipment. Since implementing Inventor software, [Mammoth](#) has helped reduce manufacturing time by nearly 15 percent and now saves anywhere from \$500 to \$9,000 per project.

“Our units can be anywhere from the size of a bus to the size of a floor of an office building. Prior to using Inventor, we could not perform studies of the form, fit and function as accurately,” said Matt McFarland, Mammoth director of engineering and design technology. “We’ve certainly noticed more productivity on the floor by creating digital prototypes with Inventor, and we can add more details to our drawings, saving anywhere from hours to days in delivering our projects.”

Meanwhile, KYSOR has streamlined much of the engineer-to-order process for its insulated panels by using Autodesk Inventor and Autodesk Vault software. KYSOR panels are used for food storage in supermarkets and convenience stores, as well as scientific applications where environmental control is critical and cold storage facilities where temperature, humidity and light must be precisely controlled. With the help of Inventor software, KYSOR has increased the overall efficiency of its design automation by about 45 percent, significantly reducing sales engineering design time and completing orders faster with fewer manufacturing errors.

Vilter Manufacturing, a leading provider of compressors for industrial refrigeration and gas compression, also leverages Inventor software to drive innovation, achieve higher quality and speed time to market.

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PARTsolutions Reports Nearly 35 Million CAD Downloads in 2009; Demonstrates CAD-Native 3D Product Catalogs Are the New Standard in Design & Engineering

9 February 2010

[PARTsolutions LLC](#), a global provider of [3D part catalogs](#) for manufacturers and enterprises, announces a record number of CAD downloads in 2009. Nearly 35 million 3D CAD product models -- or an average of 2.9 million per month -- were downloaded by customers of companies like MISUMI, Numatics, Toshiba International Corporation, Reid Supply, PHD and Hamilton Caster. This number

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marks a 30 percent increase in downloads over 2008 and validates that 3D part catalog technology is a critical business component for manufacturers of all sizes to retain and win business.

PARTsolutions acquired new customers of all sizes and industries in 2009 -- including [Milwaukee Valve](#), [Milwaukee Cylinder](#), Anderson Instrument Company, RWM Casters and US Tsubaki -- despite the uncertain economic environment. The company projects it will deliver more than 50 million 3D product catalog components to design engineers worldwide in 2010 and has doubled its staff to prepare for this growth.

"Demand for our technology and service continues to increase as forward-thinking manufacturers explore new ways to gain efficiencies, increase sales and enhance customer loyalty," said Tim Thomas, CEO of PARTsolutions. "Our growth reflects a remarkable transformation in how standard parts are both managed and procured, as well as how products are ultimately designed and engineered."

PARTsolutions' [PARTcatalog](#) product enables suppliers to host their configurable product catalog online, making it easier for customers and prospects to "design in" supplier products into their designs, while business intelligence tools generate valuable sales leads and marketing exposure. Last year, the company conducted an [industry survey](#) that further validates the importance of CAD-native 3D product catalogs to design engineers for product selection. Compiled by polling more than 500 companies -- including 3M, Lockheed Martin and Ford Motor Company -- the data revealed that supplying catalogs in paper, PDF or neutral file formats is no longer adequate, with 85% of design engineers preferring part downloads in their CAD-native format.

PARTsolutions also saw growth in demand for its [PARTenterprise](#) solution, which offers centralized access to 3D standard part catalogs to ensure parts are easy to find, reuse and control, while minimizing the IT management required to manage standard part catalogs. For example, The Boeing Company significantly reduced the overhead associated with managing several internal software programs by standardizing on the PARTsolutions enterprise parts management system.

For more information, visit: www.partsolutions.com.

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M7 Aerospace LP Selects IFS Applications to Streamline Seven Business Units on Single Database

9 February 2010

IFS announced that M7 Aerospace LP, of San Antonio, Texas, selected IFS Applications to support its aviation services organization, which is involved with aero structures manufacturing, aircraft maintenance repair and overhaul (MRO) and other aircraft product support services.

"We believe M7 will gain efficiencies and increase productivity with IFS Applications, as well as have visibility over its seven business units. With IFS we can penetrate new markets and enhance our presence with existing customers."

M7 Aerospace has a long history of supporting aircraft fleets for the United States Military, including the C-20, C23 and C-26 aircraft. These support efforts require the staffing and coordination of the materials that are stationed with the aircraft worldwide. In addition to the military support programs, M7 Aerospace - as the Original Equipment Manufacturer (OEM) - supports the entire fleet of 700 Fairchild Metro & Merlin aircraft for both commercial and military customers.

M7 Aerospace will implement IFS Applications' Financials, Distribution, Manufacturing, Engineering

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and Human Resources. IFS Applications will replace M7 Aerospace's existing legacy system.

M7 Aerospace's growth in recent years has outpaced its current enterprise systems and as M7 Aerospace continues to experience growth and wins additional contracts it will need a fully integrated solution for support. This is why they looked to IFS for a reliable streamlined solution.

"We chose IFS Applications because it was the only system that offered M7 Aerospace LP the opportunity for all seven business units to be supported by one application, in a single database, for an effective price," M7 Aerospace CEO Kevin Brown said. "We believe M7 will gain efficiencies and increase productivity with IFS Applications, as well as have visibility over its seven business units. With IFS we can penetrate new markets and enhance our presence with existing customers."

"IFS continues to gain momentum in the aerospace and defense industry because we provide an industry-specific solution that can be relied upon to support critical government programs and CLS contracts," IFS North America President and CEO Cindy Jaudon said.

Aerospace and defense is one of IFS' targeted market segments. IFS Applications includes advanced standard functionality that meets the demanding requirements of the armed forces. IFS' fully integrated MRO, performance-based logistics (PBL), project management, fleet management, supply chain management, and other IFS Applications components help to ensure asset visibility, sustainment, and availability—three key objectives in managing weapons systems for optimal combat readiness. IFS also provides an industry-specific solution for defense manufacturers that helps companies manage the design, manufacturing, and ongoing spare parts logistics and maintenance support of complex products throughout the product lifecycle.

[IFS](#) customers within the aerospace and defense industry include the United States, British and Norwegian defense organizations as well as the Eurofighter consortium. Commercial MRO shops and operators include Bristow Helicopters, Aero-Dienst GmbH, Hawker Pacific, and Jet Turbine Services. In addition, IFS provides solutions to original equipment manufacturers (OEMs) such as General Dynamics, Lockheed Martin, BAE SYSTEMS, Saab Aerosystems, and GE Aircraft Engines.

About M7 Aerospace

M7 Aerospace began operations in 2003 after acquiring the assets of Fairchild Aircraft. M7 remains the OEM for the fleet of Fairchild-built Metro, Merlin, Expediter and C-26 aircraft, but has transformed itself into a leading provider of aerospace and defense services. M7 operates from its 405,000 sq. ft. facility located on 22 acres at the San Antonio International Airport and employs nearly 500 people worldwide. More information is available at <http://www.m7aerospace.com>.

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U.S. Army Selects IFS Applications for Enterprise Manufacturing and Maintenance Execution Systems

8 February 2010

[IFS](#) announced that the U.S. Army has selected IFS Applications as the manufacturing and maintenance software for use in its [Logistics Modernization Program](#) (LMP) at all of the Army's arsenals, depots, and ammunition plants.

The basic purchasing agreement (BPA) between Army Materiel Command (AMC) and IFS North America outlines plans and options to purchase IFS Applications components and services over five

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years, totaling up to U.S. \$9.9 million.

AMC manages, through its subordinate commands, a maintenance and production enterprise that equates to a Fortune 100 industrial organization with a diverse assortment of functions that is seldom, if ever, duplicated in the commercial sector by a single company. This means that agility and suitability for a broad array of manufacturing and maintenance, repair and overhaul (MRO) activities was a key factor in the Army's selection of IFS Applications. IFS Applications will bring efficiency to ongoing refurbishment of assets such as ground vehicles, missile and radar support systems, engines, transmissions, and fixed wing and rotary wing aircraft used in ongoing military operations.

"IFS is proud to deliver our best-in-class MRO and manufacturing functionality to the U.S. Army, which certainly operates an extensive and very demanding depot repair environment," IFS North America President and CEO Cindy Jaudon said. "Given the demands placed on our military, there is a recognized need to do more with less, and we know IFS Applications to be the ideal tool to get the most out of repair depots, maintenance inventories and associated fabrication operations. We feel that this enhanced ability to efficiently move assets through the reset and recapitalization process and redeploy them will serve as a force multiplier for the U.S. Army in support of the War Fighter."

The U.S. Army plans to begin rollout of IFS Applications at the Corpus Christi Army Depot, followed by Rock Island Arsenal and the Joint Technology and Manufacturing Center at Watervliet Arsenal. Additional depots included in the project are Anniston, Red River, Tobyhanna, Letterkenny and Sierra. Thereafter, IFS Applications is slated for implementation at army ammunition plants in 2014.

Aerospace and defense is one of IFS' targeted market segments. IFS Applications includes advanced standard functionality that meets the demanding requirements of the armed forces. IFS' fully integrated MRO, performance-based logistics (PBL), project management, fleet management, supply chain management, and other IFS Applications components help to ensure asset visibility, sustainment, and availability—three key objectives in managing weapons systems for optimal combat readiness. IFS also provides an industry-specific solution for defense manufacturers that helps companies manage the design, manufacturing, and ongoing spare parts logistics and maintenance support of complex products throughout the product lifecycle.

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VISTAGY Signs Contract with Lear to Supply Seat Design Environment™ Software

8 February 2010

[VISTAGY, Inc.](#) announced that [Lear Corporation](#), a premier supplier of automotive seating systems and electrical power management systems, has purchased VISTAGY's [Seat Design Environment™](#) (SDE) for use in its engineering operations. As one of the world's largest fully integrated seating suppliers, Lear works with leading automakers globally to supply finished seats for the highest volume cars and trucks as well as specialty applications for premium cars and performance vehicles.

Seat trim design and manufacturing engineering processes have historically been primarily based on 2D

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data, but the SDE enables engineers to author and share an accurate 3D CAD master model of the trim cover from the earliest stages of design through to manufacturing. As a result, seat manufacturers will be able to author a seat trim master model definition with the SDE that will be used to automatically create and update engineering and manufacturing data to achieve a faster, more precise process for delivering seat covers to market. This is a critical concern in the highly competitive global automotive industry.

“We’re excited about the progress that SDE continues to make in bringing seat engineering to the next level,” said Ed Bernardon, vice president of business development for VISTAGY. “We’re particularly pleased to have the opportunity to work with one of the world’s leading seating systems companies to help them meet their goals by enhancing their seat design and manufacturing processes.”

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Volkswagen Signs Master Agreement With ANSYS

10 February 2010

[ANSYS, Inc.](#) announced that [Volkswagen AG](#) has signed a master agreement with ANSYS and intends to widen its use of their comprehensive engineering simulation solution.. The strategic decision to use ANSYS® software was due both to the bandwidth of applications that can be addressed as well as to the innovative ANSYS® Workbench™ platform that allows for a substantial process compression.

In its research and development, Volkswagen uses structural mechanics, fluid dynamics and explicit analysis tools from ANSYS to perform, among other applications, studies on climate control, headlights and engine internal flow.

“Simulation Driven Product Development™ is applied in nearly every industry to drive product development and accelerate time to market,” said Dr. Albrecht Gill, regional sales director at ANSYS Germany. “Mere experience and prototyping is not sufficient in today’s dynamic environment. Forward-looking companies like Volkswagen are increasing their use of simulation technology to lower their development costs and gain more confidence in designs.”

"The automotive market is highly competitive, and technological advances are being incorporated in modern cars at an ever-faster pace. To stay at the top, there is no way around applying simulation tools to drive product development and innovation. Our decision for simulation software from ANSYS is based on the depth and breadth of the solution we needed to cover our simulation needs," said Dr. Ralph Sundermeier, head of the Department for CAE-methods at Volkswagen AG. “The ANSYS Workbench concept is convincing because we can easily do coupled simulations and, in this way, accurately account for the entire range of physics.”

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Yamaha Tapes Out Their Latest Graphics LSI Chip with Synopsys Design Compiler Graphical

9 February 2010

[Synopsys, Inc.](#) announced that Yamaha, a leading provider of mobile audio and Graphics LSI chip products, achieved their performance targets ahead of schedule with Design Compiler® Graphical and successfully taped out their latest Graphics LSI chip. Traditionally, time-consuming iterations between synthesis and place-and-route have been performed due to routing congestion issues identified by the backend design teams late in the design. Design Compiler Graphical predicts and removes routing

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congestion early in the design flow during RTL synthesis generating a better starting point for physical implementation, speeding up place and route and eliminating lengthy design iterations. In line with these successes, Yamaha has also expanded its business relationship with Synopsys to establish Synopsys as its primary EDA partner.

"In the past, lack of visibility into routing congestion during synthesis often led to iterations between our RTL designers and backend design teams," said Akira Usui, department manager, Semiconductor Division at Yamaha. "By utilizing Design Compiler Graphical's congestion optimization on our latest Graphics LSI chip, we were able to remove congestion upfront and meet our aggressive timing targets much faster, reducing design time by several weeks."

Designers worldwide have achieved rapid design closure using DC Ultra™ topographical technology to ensure tight timing, area and power correlation with IC Compiler physical implementation. Design Compiler Graphical extends topographical technology to accurately predict routing congestion; it provides reports and visualization to detect congestion hot-spots. Additionally, Design Compiler Graphical employs synthesis optimization techniques to reduce routing congestion, thereby creating a better starting point for physical design.

"In order to stay competitive, our customers must bring innovative products to market quickly and cost effectively," said Bijan Kiani, vice president, product marketing at Synopsys. "Yamaha's success with Design Compiler Graphical demonstrates the tool's effectiveness in delivering a more predictable design flow and reducing overall design time."

Under a new multi-year agreement, Yamaha has consolidated on Synopsys' Galaxy™ Implementation and Discovery™ Verification Platforms for its digital and custom design flows. The deepened relationship gives Yamaha extended access to Synopsys' comprehensive EDA portfolio for developing current and future generations of audio and amusement devices.

"It is important for us to align with partners that share our commitment to creating innovative semiconductor products as cost-effectively as possible, and over the years Synopsys has demonstrated this commitment," added Usui. "By selecting Synopsys as our primary EDA partner, we can make further enhancements to our design efficiency while addressing our diverse design needs across both digital and analog domains."

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Product News

Bentley Announces Availability of InRoads V8i (SELECTseries 1) and GEOPAK V8i (SELECTseries 1)

12 February 2010

Bentley Systems, Incorporated announced the immediate availability of [InRoads Suite V8i \(SELECTseries 1\)](#) and [GEOPAK Civil Engineering Suite V8i \(SELECTseries 1\)](#). The new releases include 3D information modeling tools for resurfacing, restoration, and rehabilitation, which are provided by Bentley's patented Roadway Designer 3D parametric modeling capabilities. The new tools enable transportation designers to efficiently, and cost-effectively respond to road and bridge projects, including those funded through the American Recovery and Reinvestment Act of 2009 (ARRA). In addition, they are especially suited for the newest construction technologies, including automated

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machine guidance – providing the opportunity for even greater workflow efficiencies.

Ron Gant, Bentley global marketing director, commented, “The updates to these civil design tools address the total design-build-operate lifecycle and further expand the already broad capabilities of Bentley’s solutions and products for sustaining transportation infrastructure. Bentley’s civil engineering software enables project teams to reuse design data during construction and operations, avoiding rework and reducing costs. At the same time, it allows them to work more efficiently and effectively in collaborative workflows – increasing quality and enhancing profitability – while being more ecologically aware in their design and construction work. Ultimately, this leads to the delivery of intelligent infrastructure that is better performing and more sustainable.”

Additional software enhancements in InRoads V8i (SELECTseries 1) and GEOPAK V8i (SELECTseries 1) incorporate innovative data acquisition, geometry, visualization, drafting and drawing production, context-sensitive interface adjustments, and the full capabilities of Bentley Map for an empowering, all-encompassing transportation solution. Enhancements also provide for the creation of Bentley i-models – a container for open infrastructure information exchange – and for the incorporation of i-model mark-ups to complete the bi-directional feedback loop and deliver comprehensive workflow optimization, for on-time and on-budget project delivery.

For additional information about InRoads Suite V8i (SELECTseries 1), visit www.Bentley.com/InRoads. For additional information about GEOPAK Civil Engineering Suite V8i (SELECTseries 1), visit www.Bentley.com/GEOPAK.

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Bluebeam PDF Revu 8 Debuts Must-Have Tools for Digital Workflows

9 February 2010

Revu 8 is a turnkey solution for integrating PDF creation, markup and editing into digital workflows with amazing new features for customization and improved access to files. Among the new features are integration into Microsoft® SharePoint® and Bentley® ProjectWise®, a file management tab and a revamped, customizable interface.

“Forget what you know about PDF and what it can do for your projects. With Bluebeam PDF Revu 8 your life will never be the same,” said Richard Lee, President and CEO of Bluebeam Software, Inc. “This new release is propelling PDF from a format for digitally reviewing and editing project data into a completely integrated command center for electronic workflows. Revu 8 is an innovative, must-have tool for enterprises going digital, and it’s unmatched by anything else on the market.”

The once paper-based AEC industry is rapidly adopting PDF to reduce printing and shipping costs and promote green project communication. But, firms are still taxed with lost productivity from time wasted searching for and managing project files.

Bluebeam PDF Revu 8 is the first to fill this need introducing the File Access tab for searching local and network drives for PDF files, as well as organizing and managing recent files directly within Revu. By combining file access and PDF editing into one desktop application, Bluebeam is simplifying the way users get the information they need, when they need it.

Plus, Bluebeam integrates into Microsoft SharePoint and Bentley ProjectWise so users can retrieve, edit, and check PDF files back in without jumping through hoops. Revu is also debuting a Revit® plug-in for one button PDFs, leveraging the same PDF creation technology that AutoCAD®, SolidWorks® and

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MS® Office users have relied on for years.

Bluebeam PDF Revu 8 has a slick new interface that users can make their own. Revu 8 toolbars are fully customizable and the popular Markups list has undergone a true metamorphosis. Users can now add custom columns with formulas, drop-down menus, check boxes and more. No longer just a tracking tool, these enhancements make the Markups list a fully-integrated worksheet for performing calculations.

Revu 8 also enables users to let their true colors shine through via Color Processing. Now, users have the power to change vector and image elements in PDFs and annotations to any color in the rainbow. And, innovative improvements to Bluebeam's PDF markups make the redlining tools incredibly savvy. Now, any markup saved in Bluebeam's exclusive Tool Chest can be assigned an action, such as a hyperlink, or auto-numbering to provide an updated count every time it's used.

Bluebeam Software offers Bluebeam PDF Revu 8 and its smart, new features at the same affordable price. Bluebeam PDF Revu Standard Edition (for general CAD and Offices users) is available for \$149, and Bluebeam PDF Revu CAD Edition (for Revit, AutoCAD and SolidWorks users) is available for \$199. For more information about maintenance, upgrades and volume discounts, visit www.bluebeam.com or contact a Bluebeam representative at 866.496.2140 or sales@bluebeam.com.

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CAD Pioneer Graebert GmbH Announces ARES, The First Native CAD Solution For All 3 Major Operating Systems & Mobile

9 February 2010

Graebert™ GmbH (Berlin) announced ARES™, the industry's first native cross-platform CAD solution. ARES provides both industry compatibility and the highest-performance features and capabilities for design workflow. Details may be found at <http://www.graebert.com>.

ARES uses a common design interface and is the first CAD solution to run natively across Microsoft® Windows®, Apple® Mac® OS X and Linux®, while also being optimized for specific operating system features and capabilities. ARES also includes innovative features such as built-in VoiceNotes for created files, 3D modeling support via the latest ACIS libraries and more.

Upcoming versions of ARES will be available for Microsoft Windows Mobile® devices - both Apple iPad® and the Google® Android® operating system are under active evaluation for porting as well. ARES will be initially available in 13 languages from the entire worldwide network of Graebert distributors and partners, as well as select OEMs.

ARES development has focused on a number of core benchmarks, with performance being a leading criterion: ARES is typically 3-5X faster in operations such as open and save than other CAD packages on any platform. With more than a year of intensive beta testing by more than 100 major corporations and leading CAD users, ARES is the end-result of more than 250 man-years of development (5 calendar years) from Graebert.

Graebert is known internationally for mobile CAD solutions such as SiteMaster™ as well as having more than 500,000 estimated users of PowerCAD™, its previous-generation CAD product. The company has more than 50 active VARs and OEMs on six continents, and is working with these and new partners to distribute ARES worldwide.

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"Several Fortune® 500 companies have been using ARES as part of our intensive beta test - to them, ARES really does represent the next-generation of CAD solution," said Wilfried Graebert, Founder and CEO of Graebert GmbH.

"Using ARES, they have been able to create designs in far less time than with competitive solutions - the feedback has been identical - ARES is an impressive product that lived up to their demanding expectations."

Key features of ARES include:

- DWG native format - Graebert is a founding member of the Open Design Alliance and sits on the Board of Directors. ARES supports DWG Import (2.x -> 2009), Export (12->2009) and DWG 2009 Native format (DWG 2010) support coming in 2nd Quarter, 2010
- AutoCAD-compatible command line and scripts
- More than 400 new commands
- Drawing recovery
- Latest ACIS 3D modeling support
- I/O Support for DWG 2.5 -> 2009, DWF, SAT, WMF, SLD, ESRI & SHP
- Exceptional print capabilities, including PDF, Raster & SVG
- UI optimized for each native operating system as well as an XML-based, fully customizable UI with a built-in designer
- Widest range of programming I/O support, including Lisp, C, Delphi, COM, .net (C#, VB.net), C++ and VSTA

Pricing and availability:

ARES will ship in two different price configurations - ARES (\$495) and ARES Commander Edition (\$995). The two products are identical with the exception of programmability and 3D support, which are found only in ARES Commander Edition. Both ARES and ARES Commander Edition for Microsoft Windows are available immediately as trial downloads from www.graebert.com - the Mac and Linux versions are currently part of a closed Beta process (request an invite at <http://www.graebert.com>) and are expected to ship in the 2nd quarter of 2010.



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Cadac Organice Announces the Introduction of Cadac Organice 2010 Product Suite

8 February 2010

Cadac Organice BV, a Microsoft Gold Certified Partner developing [Cadac Organice](#), a SharePoint based engineering document management solution, announces the upcoming introduction of the Cadac Organice 2010 Product Suite.

Cadac Organice 2010 will bring exciting new features and functionalities of which some will be unveiled in the upcoming weeks prior to the official release on March 8, 2010. The new version of the Product Suite is again 100% based on Microsoft SharePoint and provides a smart client to SharePoint that is developed in Microsoft .NET 3.5 technology. Cadac Organice 2010 enhances the SharePoint user experience and leverages SharePoint as a document management and project collaboration solution for

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Architecture, Engineering and Construction and other project driven engineering industries.

Cadac Organice 2010 will be introduced on March 8, 2010.

For more information please contact:

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CCE's ODX Libraries Updated to Support NX7 and SolidWorks 2010

9 February 2010

CCE announced the immediate availability of updated versions of its ODX libraries that support the latest versions of Unigraphics NX and SolidWorks CAD systems. ODX/Ug and ODX/SW libraries provide read/write access to native Unigraphics and SolidWorks file formats, without requiring a license of the respective CAD systems.

ODX (Open Data Exchange) is a suite of CAD-independent libraries that provide users the ability to read & write native CAD files without the cost of ownership associated with the CAD system.

ODX libraries are delivered in a highly portable object-oriented C++ API, and enable applications like Viewers & CAD/CAM/CAE systems get access to design and manufacturing data stored in files from all major CAD systems and standard formats. ODX libraries are available for CATIA V4, CATIA V5, Unigraphics, SolidWorks, JT, Parasolid, IGES and STEP formats.

For additional information, please visit <http://www.cadcam-e.com/development-tools/cad-libraries.aspx>.

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Cimatron Offers Free Trial of Injection Molding Simulation

8 February 2010

Cimatron Limited announced a new partnership with Coretech System, a leading provider of advanced 3D flow simulation for injection molding.

As a result of this new partnership, mold designers can now simulate and analyze the injection molding process from within CimatronE. This will enable users to ensure optimal placement of injection points, increasing the quality of the manufactured part.

Coretech's Moldex3D eXplorer analysis tool displays a full 3D visualization of the molding process, providing the inner temperature and pressure of the cavity. CimatronE users will be able to evaluate the welding line, air traps, flow balance, cooling time, the number of gates needed, and the location of the gates.

"The new integration of CimatronE with Moldex3D applications is an important step in the direction of strengthening our offering to cover not only quoting, mold design, electrode design and NC programming, but also flow analysis," said Ira Bareket, vice president of sales and marketing at Cimatron. "The advanced 3D flow analysis, that is now available to CimatronE customers, will help them maintain high standards, to stay ahead of the competition."

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The Moldex3D eXplorer add-on is activated with only a few clicks in CimatronE and requires no additional training or CAD conversion. A report generator enables users to provide relevant feedback to their customers.

"We're very excited to announce the immediate availability of Moldex3D eXplorer for CimatronE." said Dr. Venny Yang, president of CoreTech System. "Moldex3D's professional true 3D parallel computing capability is now extended to support CimatronE users directly. Upfront molding CAE analysis becomes straightforward for every CimatronE user."

A free trial of the Moldex3D eXplorer can be obtained from CimatronE service providers worldwide; please log on to <http://www.cimatron.com> to find your local branch.

About CoreTech System Co., Ltd. & Moldex3D

CoreTech System Co., Ltd develops and markets Moldex3D CAE software. Founded in 1995, CoreTech's mission is to provide software, services, and solutions to the injection molding industry. Moldex3D is a world leading CAE product for the plastics injection molding industry. With the true 3D analysis technology, Moldex3D can help plastic part and mold designers to in-depth simulate the widest application range of injection molding processes, to optimize product design and manufacturability, shorten time-to-market, and maximize product return-on-investment. In 20 years of development, CoreTech has successfully won the support of hundreds of customers through more than 4,000 case studies. Committed to provide the advanced technologies and solution for industrial demands, CoreTech has extended the worldwide sales and service network to provide local, immediate, and professional service. For the latest news and information, please visit <http://www.moldex3d.com>

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Gerber Technology Upgrades webPDM™

9 February 2010

[Gerber Technology](#) announced the release of webPDM version 6.1. This newest release of webPDM provides highly visual and intuitive user interface (UI) features used to manipulate, display and analyze data and is available as a free download for customers with software subscription contracts.

webPDM is an industry standard Product Data Management (PDM) application used by more than 1,000 brands, retailers, manufacturers and educational institutions globally. In line with Gerber Technology's recent PLM acquisition and its commitment to protect and extend its customers' investments, the webPDM product will continue to receive enhancements, maintenance and support.

"This latest release of webPDM introduces some very user-friendly features," says Elizabeth King, Gerber Technology's Director, Software Applications. "We're always listening to our customers to determine what they want and need, and as a result, we've incorporated some compelling new UI elements. These include copy/paste functions, permitting users to work more proficiently in multiple areas of the software, efficiencies in the way users print, and improved navigation and visibility throughout the system."

webPDM 6.1 also features an attractive and intuitive online help capability that includes content, index and search capabilities to make locating information fast and easy. The online help provides users with self-service help on-demand and reduces companies' internal support demands. In addition, the online help feature can be customized and made accessible through a company's own specified URL.

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“As our clients, our company and our PLM product line evolves, we remain steadfast and focused on our commitment to protect and extend customers’ investments in our technology,” comments Bill Brewster, VP of Gerber Technology and head of Gerber’s Software Systems Group.

In addition, webPDM 6.1 includes the popular version 6.0 features such as linked pages and folders, the design centric component wizard for raw material and bill of materials (BOM) development, as well as the AccuMark® measurement importer used to streamline the flow of information from patterns to specifications.

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Lattice Technology Releases Updated Converter Products

9 February 2010

Lattice Technology® Inc. released updated converters which allow 3D CAD data to be accurately read into XVL.

XVL Converter version 6.1 supports all major 3D CAD formats, which now include Wildfire 5, Autodesk Inventor 2010, Solid Edge® ST2, and Wildfire 5 64-bit platforms. A comprehensive list of all supported formats is available at:

http://www.lattice3d.com/products/products_converters_3d_software.html

These converters are offered as plug-ins to CAD systems, as well as stand-alone applications alongside 3D CAD seats and inside PLM systems, and they enable compression of 3D design data up to 0.5% of its original size with no loss of accuracy. This compression makes it possible for manufacturing enterprises to easily and accurately mock up, simulate and manipulate 3D data, using the [Lattice Technology Solutions](#), even on lower specification PCs. The [Lattice3D Dataway](#) application also supports import and export of 3D PDF data into XVL.

“Using the best-in-class compression formats and applications from Lattice Technology means that engineers can use 3D design data for downstream uses such as digital mock up, process design, and technical documentation without tying up valuable engineers and CAD seats,” said Bill Barnes, General Manager, Lattice Technology Inc. “This leads to significant productivity and efficiency improvements across the enterprise.”

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PTC Extends InSight Product Analytics Solution with Environmental Impact Analysis Technology

8 February 2010

PTC announced it has extended its InSight™ Product Analytics solution with technology to help manufacturers analyze carbon and other key environmental impacts during product development and manufacturing.

The core of PTC’s InSight Product Analytics solution is built upon delivering a suite of capabilities to enable bill of material (BOM) analysis for environmental performance, cost, and reliability throughout the product lifecycle. Extending the environmental analytics capabilities of InSight, PTC has acquired leading technology from Planet Metrics, Inc., a leader in environmental impact analysis technology.

This new technology enables manufacturers and retailers to model, analyze and optimize carbon emissions and energy use throughout the entire value chain, from concept to end-of-life. The Planet

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Metrics software includes an exhaustive, normalized database of environmental profiles and combines both analytics and intuitive heat map displays that make it easy to identify high-impact “hot spots” in materials, packaging, supply chain, transportation, and disposal.

“The process of predicting, measuring, and improving a product’s environmental performance is becoming increasingly important to the success of manufacturers across all industries,” said Howard Heppelmann, Vice President of Product Analytics solutions at PTC. “The acquisition of this technology is an important step in the execution of our product analytics strategy and overall differentiation in PLM. We are excited to expand our Product Analytics capabilities to further enable manufacturers to analyze the environmental footprint of products early in the product development cycle, helping them make informed design and supply chain decisions that can lower risk and cost.”

[PTC](#) plans to embed the technology within its InSight Product Analytics solution with an official software release to follow in the months ahead.

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Quantapoint Announces Latest Integration of Laser Models and Laser Images Into AVEVA NET

8 February 2010

Quantapoint (<http://www.quantapoint.com>) -- provider of Digital Facilities™ that improve safety and decision-making for building, managing and upgrading facility assets -- announced the latest integration of Quantapoint 3D laser scan data into [AVEVA NET](#) using AccessPoint™. Quantapoint is an experienced 3D laser scanning company, having completed nearly 1,400 projects / 200,000 man-hours of incident-free laser scanning worldwide for the architectural, process, power and offshore industries.

AccessPoint enables Quantapoint Digital Facilities™, composed of photo-realistic Laser Images™ and high-definition Laser Models™, to be accessed via the web using AVEVA NET and directly linked with facility and asset information without requiring CAD remodeling. AVEVA NET is an information management hub to control, link, evaluate and deliver all types of data and documents in a secure environment, regardless of application and format. AccessPoint and AVEVA NET provide a number of capabilities to access critical facility knowledge, including:

- **QuantaCAD for the Web:** AccessPoint is a "web-enabled" version of QuantaCAD, Quantapoint's software for accessing 3D laser data in AVEVA PDMS and other CAD packages, so it will automatically include new functionality.

- **Link Directly from 3D Laser Data:** Link to relevant facility and asset information from the 3D Laser Data itself without requiring CAD remodeling, for faster and more intuitive access to critical knowledge.

- **Automatic Linking:** Automatically crawl and integrate relevant facility and asset information from your network, intranet, databases and other data sources. It is like having a search engine for your facility.

- **Virtual Site Visits:** Measure points, distances and pipes in both Laser Images and Laser Models during virtual site visits.

- **Built-in Viewers:** Built-in viewers for 2D drawings, 3D CAD models, Word and Excel, so users can view information without having the programs installed.

By using AccessPoint to put reality into AVEVA NET, companies can minimize downtime by providing

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rapid access to facility and operations information, improve safety by accessing the most current information and increase productivity by improving collaboration and accessing 3D laser data directly.

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SAP Delivers New Templates for Manufacturing Execution

9 February 2010

[SAP AG](#) is now delivering preconfigured, best practice templates for its [SAP® Manufacturing Integration and Intelligence](#) (SAP MII) application to support lightweight manufacturing execution in batch manufacturing industries. The [batch manufacturing with SAP MII](#) templates are cost-free and extend the architecture of SAP MII by providing prebuilt, plant and role-specific composites to support manufacturing preparation, execution, documentation, and reporting.

The templates cover nine application areas: role-specific manufacturing operations cockpits, manufacturing order list, material identification, work instructions, quality control, production confirmation, shift book, monitoring and logging, and manufacturing performance. The templates are a complementary extension to the “Manufacturing Visibility, Intelligence and Integration” package, offered as part of the [Best-Run Now initiative](#) from SAP. The fast time-to-benefit is a key value driver for the Best-Run Now packages.

[Sika AG](#), a manufacturer of specialty chemicals for construction and industry based in Baar, Switzerland, is the forerunner to the batch manufacturing project. The company defined and implemented SAP MII composites developed by SAP partner [Trebing & Himstedt](#) with a new plant opened to increase production of its Sikaflex product. Sika AG successfully made productive use of SAP MII for manufacturing execution with functionality for order execution, while enjoying lower licenses and implementation costs in comparison to traditional manufacturing execution systems. The results of these developments and implementation formed a central part of the new templates now being delivered.

The development of these templates showcases the strength of SAP MII as a highly specified infrastructure for developing plant to enterprise integration and creating powerful composites for manufacturing execution that can run decoupled from the enterprise resource planning (ERP) application [SAP ERP](#). The pre-built templates can be used in their entirety or extended to meet additional customer requirements.

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Sopheon’s Accolade® Endorsed for Ability to Support Successful Stage-Gate® Implementation

10 February 2010

[Sopheon](#) announced that its Accolade innovation-governance management solution has once again been certified as Stage-Gate Ready. The endorsement is based on the software’s having met more than 200 performance criteria demonstrating that it can provide the functionality necessary for successful implementation of Stage-Gate, the widely used product innovation methodology. The certification was issued by Stage-Gate International, the commercial arm of the Product Development Institute Inc. Principals of the Institute created the Stage-Gate process.

“Sopheon’s Accolade is most often seen as differentiated by its strategic product planning, portfolio management and executive-decision support features”

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Accolade was among the first software products to qualify for Stage-Gate Ready certification when the program was introduced a little more than two years ago. It is also among the first to be recertified under the program's requirements for a bi-annual review. Evaluation categories include the ability to support best practices in areas ranging from idea and portfolio management to the idea-to-launch process. As part of the recertification process, the Sopheon solution once again met 100% of the mandatory and optional criteria across all categories encompassed by the evaluation standard.

The Stage-Gate Ready endorsement is the most recent milestone in a decade-long association between Sopheon and the originators of the Stage-Gate methodology. Dr. Robert Cooper, president of the Product Development Institute Inc. and father of the Stage-Gate process, has been involved with Sopheon since it introduced the first version of Accolade in 2001. He and his colleagues were on the external advisory committee for the design of the software. At that time, Sopheon was given exclusive rights to embed the Institute's official process guidelines for Stage-Gate in Accolade. The Sopheon solution continues to offer that content, augmented by advanced best practices developed by Sopheon through its experience in supporting implementation of the Stage-Gate process at more than 200 companies throughout the world.

"Sopheon's Accolade is most often seen as differentiated by its strategic product planning, portfolio management and executive-decision support features," said Bryan Seyfarth, director of product marketing for Sopheon. "But many of the most important advantages of our software can be traced to the fact that, unlike competing technologies, it was built from the ground up to support gated product innovation processes. The Stage-Gate Ready recertification is testimony that as Accolade has grown in sophistication and breadth of capabilities, it has continued to perform at the highest level in supporting an effective framework for innovation, and in providing the governance needed to ensure that innovation investments translate into business success."

Accolade is widely used software for support of Stage-Gate. It is the first technology platform in the industry to provide all-in-one enablement of strategic roadmapping, ideation and innovation process execution. Its Vision Strategist™ component automates the roadmapping process, allowing users to visualize and forecast the future of products, markets and technologies. Accolade Idea Lab™ helps organizations generate, select and develop winning product and service ideas. Accolade Process Manager™ automates and governs the product innovation process.

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Sustainable Minds and MAGNET Partner to Advance Sustainable Product Design for Ohio Manufacturers

3 February 2010

Sustainable Minds, a greener product design software and information company, announced a partnership with The Manufacturing Advocacy & Growth Network (MAGNET), a professional organization that is focused on helping manufacturing and technology-based companies in Ohio adopt innovative methods and technologies. The partnership will bring ecoDesign and sustainability practices, expertise and software to help advance the adoption of greener product design practices for manufacturers. This partnership will also serve to support Magnet's eco-SMART Manufacturing Program that is aimed at educating and assisting Ohio manufacturers with sustainable manufacturing and eco-Innovation strategies.

Greener product design means designing the whole product system from a life cycle perspective.

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Understanding what this means and how to design this way is the first step – and Sustainable Minds Life Cycle Assessment (LCA) software helps bridge this information gap. The software enables rapid iteration and comparison of new product concepts, and provides quantified environmental performance information during the design process to help make design and manufacturing trade-off decisions.

“This partnership is key to opening up a dialog with manufacturers about ecoDesign and sustainable manufacturing strategies,” stated Terry Swack, CEO and co-founder of Sustainable Minds. “Our mission is to bring environmental sustainability to mainstream product development and manufacturing in an accessible, empowering, and credible way. Manufacturers have a responsibility to be conscious of the environmental impact of the products they make, what’s causing the impacts and the changes that can be made to improve environmental performance. Our partnership with MAGNET allows us to deliver our ecoDesign and life cycle assessment software directly to this community, enabling them to develop new knowledge, skills, and competencies to integrate environmental sustainability into the way they do business. As part of the partnership, will be offering training and discounted subscriptions to all types of MAGNET clients to help make this happen.”

“Last year we launched the eco-SMART Manufacturing Program that is designed to help manufacturers in our region meet growing consumer and regulatory demand for sustainable products,” stated Mike Kaminski, senior business consultant at MAGNET. “Sustainable Minds fits right into this mission, and will be instrumental in helping bring ecoDesign and sustainable manufacturing education to our community. With Sustainable Minds software, we will be able to offer a more effective tool that will help manufacturers assess the environmental impact of the products they make. Together, with Sustainable Minds, we are advancing the understanding and practice of whole systems and life cycle thinking in product design processes and look forward to delivering product design education to our clients.”

MAGNET will be offering a joint workshop with Sustainable Minds on a quarterly basis. The first workshop is scheduled for March 3, 2010. For more information visit

http://www.ecosmartmanufacturing.org/sustainable_minds.aspx

About MAGNET

Since 1984, MAGNET, the Manufacturing Advocacy & Growth Network, has assisted thousands of manufacturers through its Edison Technology Center programs, Manufacturing Extension Partnership services and business incubation programs. Recently, MAGNET has expanded its mission to assist manufacturers through programs that address manufacturing-related education, competitiveness, innovation, global development and regulatory affairs, and launched the eco-SMART Manufacturing Program in 2009 (<http://www.ecosmartmanufacturing.org>). MAGNET is a “one-stop shop” for manufacturers seeking resources to become or remain globally competitive. For more information, visit <http://www.magnetnetwork.org>.

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Theorem Solutions Integrates with Etrage Plot Services for Windchill

9 February 2010

Theorem Solutions announces the availability of CADverter integration with PTC's Windchill PLM environment through the ETRAGE LLC “Plot Services for Windchill” solution.

Available with immediate effect, CADverter's integration with Windchill through the ETRAGE PSW

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solution means that Windchill users can now automatically apply Theorem's CADverter to Pro/ENGINEER models via the ETRAGE Plot Server for Windchill (PSW). Users stand to make significant saving of both cost and time through this effective, automated and controlled interoperability process.

PSW now enables users to apply Theorem's CADverter to create CATIA V5, CATIA V4, JT and/or NX from Pro/ENGINEER data directly from within the Windchill application. In addition, where Windchill is being used to manage non PTC CAD files other Theorem CADverters can be also be integrated. For example where Windchill is managing any of CATIA V5, CADD5, ICEM, Solid Works, Solid Edge or Inventor data these too can be translated with Theorem's CADverter via PSW.

Theorem Product Manager Trevor Leeson said “We are very pleased to facilitate the ETRAGE integration of CADverter with their PSW solution. This action reflects the growing trend to develop enterprise wide interoperability solutions by bringing CADverter into automated and managed environments.” Leeson continued “CADverter is still being used as a ‘point solution’ where CAD to CAD or CAD to/from Visualization requires the exchange of data between just one or two files, but as we see interoperability becoming increasingly an enterprise wide requirement we are seeing more of our customers gain big cost and time savings by integrating CADverter within automated and managed processes”

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Tribold and Sigma Systems Partner to Provide Concept-To-Cash Solution to Next-Generation Operators

11 February 2010

[Sigma Systems](#) and [Tribold](#) announced that the two companies have entered into an integrated solutions partnership to provide telecom and cable operators with an end-to-end concept-to-product-to-cash solution.

The joint solution from Tribold and Sigma Systems gives next-generation operators a means for rapid product and service development and delivery by removing the back-office bottlenecks that impede the product creation-to-cash process. Underpinned by a fully integrated product and service catalog / lifecycle management capability, the solution brings together best-in-breed products from market leaders that adhere to service-oriented architecture (SOA) and the TM Forum’s Information Framework (SID) for standards-based, simplified implementation.

Tribold, through its Tribold EPM™ - application suite, provides the product, service, resource and offer management in support of up front Order Capture and Management and backend CRM and Billing. Sigma Systems, through its [Service Management Platform](#), validates orders, conducts order management, provisions and activates services, and manages service inventory.

Together, Tribold and Sigma enable operators to manage from a single catalog the technical rules for product and service bundling, and allows seamless visibility across BSS, OSS and service delivery networks.

“By unifying the product concept through service fulfillment lifecycle , operators will have an end-to-end OSS solution set that allows them to rapidly launch new services and bundles with a shorter timeframe to ROI,” said Brian Cappellani, CTO and VP of Engineering for Sigma Systems.

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“By addressing the root causes of order fallout and revenue leakage, Tribold and Sigma Systems put product and service delivery at the forefront of BSS and OSS operations, removing key issues in upfront product/service development and testing, and then streamlining service fulfilment,” said Catherine Michel, Chief Technical Officer of Tribold.

Listed below are some of the features of the Tribold-Sigma Systems concept-to-cash solution:

- Top down and bottom up approach to product and service creation
- Support of the full Concept-to-Product and Order-to-Install processes
- Unified Master Data Management (MDM) mastery of the Product-Service-Resource model
- Comprehensive service fulfilment, including order management, provisioning and activation
- Open Web Services / API, standards-based integration to the BSS and OSS

Representatives from Tribold and Sigma Systems will be available to discuss their joint concept-to-cash solution at Mobile World Congress, held Feb. 15 – 18 in Barcelona, Spain. To arrange a meeting with Tribold and Sigma Systems, go to <http://www.tribold.com/contact-us.cfm>.

About Tribold EPM™

Tribold EPM™ is based on a Centralized Product & Service Catalog (CPC) and a Product & Service Lifecycle Management (PLM) solution. Improvements in product management performance enable CSPs to drive increased profit by reducing time to market, decreased cost to market, increased quality of the product management process and increased ability to support product and service innovation.

About Service Management Platform

Core to Sigma Systems' end-to-end service fulfillment portfolio is the Service Management Platform, which is a service-oriented architecture (SOA) based solution. The Service Management Platform enables the order management, provisioning and activation of integrated offerings, including TV, VoIP, broadband and mobile services. With the Service Management Platform, next-generation operators can eliminate operational silos to speed service creation and enable automation for decreased operational costs, while driving new revenue streams and increasing ARPU.

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