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Acquisitions

CENIT Invests in the Future – Acquisition of Business Intelligence and Performance Management Consultancy

1 July 2010

The Managing Board of CENIT AG concluded an acquisition agreement with conunit GmbH today, completing a previously announced company acquisition. CENIT has been active on the market for enterprise information management (EIM) for years and has become an important strategic partner for its customers and IBM. Now CENIT AG is expanding its technical and software expertise by acquiring the management and technology consultancy conunit and adding the future-oriented segment “Business Intelligence and Analytics” to its service portfolio.

“For us it was important to make a meaningful addition to our long-standing EIM business segment and thereby take on a topic that will become ever more important in the future. The market for business intelligence technologies and the associated consulting services is growing by leaps and bounds. For example, analysts at Datamonitor estimate that by 2012, income generation from BI licenses alone will rise to 7.9 bn € worldwide. With this acquisition, we will not only be able to secure additional consulting business, but also increase the share of software and maintenance proceeds in CENIT’s earnings“, explains CENIT CEO Kurt Bengel. CFO and Managing Board Spokesman Christian Pusch adds that “Another important aspect for us was that the two Managing Partners Roman Schäfer and Jörg Uwer, who established the company six years ago, will continue to direct and further expand conunit’s business. In terms of enterprise management and balance-sheet structure, conunit is an excellent match for us. Also, the enterprise is well established in the market and there is great demand for the high-level industry expertise of its employees.”

In 2009, conunit GmbH with its 23 employees posted sales of approx. 3.3 m € and EBIT of 0.34 m €. conunit is a management and technology consulting firm based in Neu-Isenburg. It supports its customers in overall enterprise control and the management of opportunities and risks, business processes, projects and data. Well-founded business management expertise, deep technical know-how and extensive industry knowledge form the foundations of the management consultancy. conunit’s portfolio includes business intelligence and performance management solutions based on products by leading technology providers such as IBM Cognos, as well as high-value management consulting services. In all its activities, conunit pursues two goals: One, to sustainably optimize the control systems, processes and instruments deployed by its customers. Two, to provide customers with the up-to-date, transparent information on critical business processes needed to be able to make secure, well-founded decisions to increase enterprise performance.“ conunit Managing Partner Roman Schäfer emphasizes that “For years, conunit has been one of the most successful partners of IBM Cognos in Europe.“

Conunit Managing Partner Jörg Uwer adds: “During the six years since its foundation, conunit has

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managed to acquire a broad, highly reputable customer base, thanks to the extensive technical competence of our staff and our service portfolio's stringent focus on the information and decision-making needs of our clients. Among these clients are major, internationally active corporations, but also medium-sized domestic enterprises. They all rely on our high management and technology consulting expertise, and acknowledge the value of our work by regularly coming back to us for assistance."

Working out of two locations in Frankfurt/Main and Düsseldorf, conunit serves customers from Germany, Austria, Switzerland and Luxemburg.

CENIT is currently active in 8 German cities and employs more than 710 staff worldwide. The integration of conunit GmbH into [CENIT AG](#) creates one of the most important software and consulting enterprises in Germany for IBM's enterprise information management product family. In 2007, IBM acquired Cognos, the market leader for business intelligence software, for approx. 5 bn US\$.

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Company News

Arena Signs eBOM AB as an Authorized Reseller for Scandinavia

30 June 2010

Arena Solutions announced that it has signed eBOM AB as a reseller for Norway, Sweden, Denmark and Finland. Arena and eBOM formed this relationship to better respond to the region's growing demand for Arena products and services.

The Arena-eBOM partnership will enable more of the region's manufacturers to [get their product data under control](#) and leave the hazards of spreadsheet-based [bill of materials \(BOM\) management](#) behind. It will build on the growing Arena customer base in Scandinavia, which includes leading manufacturers like AXLON, developer of systems for automated handling of coins and banknotes at points of sale, banks and post offices, and Data Respons, a leading maker of high-tech embedded solutions for the defense, energy, medical, telecommunications and transportation industries.

With international demand continuing to grow, Arena is expanding its global footprint by building a tightly managed, well-rounded and highly knowledgeable [reseller channel](#). Underserved international markets with a high concentration of small and mid-size high-tech, medical device and/or clean energy companies are the first being served by Arena resellers. Last year Arena signed ManofIT as its reseller in Israel and Matrix Applied Computing to serve Australia and New Zealand. Earlier this year Sofent Technologies became the Arena reseller in India. The company expects subsequent reseller relationships to be established in the UK, continental Europe and Asia, among other international locations.

eBOM provides services and solutions that help product development organizations in Scandinavia realize their full potential. These services include lean development, modular design and pulse project management. By deploying Arena in conjunction with these services, customers will get even faster and greater dividends.

"We're pleased to be providing current and future Arena customers in Scandinavia with regional expertise and another set of knowledgeable resources," said Doug Bell, vice president of marketing at Arena Solutions. "While Scandinavian manufacturers have a lot in common with their counterparts in other locales, eBOM's regional presence will help local Arena customers take full advantage of on-demand Arena BOM and change management software to gain confidence in their product data and

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know that they're always sharing up-to-date BOMs with their contract manufacturers (CMs) and suppliers. We look forward to working with eBOM toward a shared goal of helping these companies succeed."

According to Daniel Nihlén, vice president of sales at eBOM, "Small and mid-size manufacturers in Scandinavia have grown increasingly impatient with the costs, hassles, risks and unintended consequences of [using Excel spreadsheets to manage their BOMs](#) and other product data. Arena is a highly affordable solution to their problems. Even better, it's easy to start, easy to learn and easy to use. We're delighted to add Arena to our portfolio of services and to introduce this low-risk, rapid-return solution to more Scandinavian manufacturers."

eBOM will be offering the full range of Arena software and implementation services in the region, backed by Arena Solutions in the United States. Scandinavian companies can learn more at <http://www.ebom.se> or contact Daniel Nihlén at +46 704 868985 or daniel.nihlen@ebom.se.

For more information on Arena Solutions partner programs, please go to: <http://www.arenasolutions.com/company/partners.html>.

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First-ever Use of Secure Social Networking by World Leaders Delivers Enhanced Collaboration for G-20 Summit

29 June 2010

For the first time in the history of G-20 Summits, policy makers from around the world were able to collaborate over secure social networking software in advance of and during the G-20 Toronto Summit - and the collaboration continues. A confidential and secure social networking application was created by Open Text Corporation to enhance the sharing of government leaders' stance on important world financial issues.

Providing the secure, hosted social networking platform to G-8 and G-20 participants was in itself a collaboration between Open Text, the Canadian Digital Media Network (CDMN) - the organization that attracted high-tech companies to the event - and the Canadian Department of Foreign Affairs and International Trade (DFAIT). In addition to secure Web access from anywhere in the world in real time, delegates were also able to access the application from their BlackBerrys, iPhones and iPads. The application supported multiple languages to enhance the ability of delegates to network productively.

"Senior diplomats and other officials representing G-20 countries used the social networking platform to collaborate in the months prior to the June 26-27 event so that when the Summit got under way, issues and perspectives were shared over a secure network," said Tom Jenkins, Executive Chairman and Chief Strategy Officer at Open Text. "Access to social networking enables critical issues to be addressed in real time and be inclusive of multiple opinions."

Given the heightened focus on security and privacy around the world, G-20 organizers avoided use of consumer grade social media tools which lack enterprise-strength security controls. At the same time, social media offers a more productive environment for networking and collaboration than email, so a solution that combines the benefits without risk was needed. G-8 and G-20 Summit participants who used the Open Text social networking application report that it required minimal training and provided an intuitive web browser experience tailored to their needs.

Open Text's Social Workplace software - based on Open Text's ECM Suite of products - was also used

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to provide a social networking platform for Summit participants including news outlets and businesses, in conjunction with Open Text Everywhere mobile software which enabled application downloads to Summit participants' Blackberrys, iPhones and iPads. Participants were able to connect with expert sources including hundreds of librarians and other content matter experts on-call to provide prompt answers to questions. The participant social networking site can be found at: www.g20net.org.

Open Text also used its Digital Experience Management software and its Content Server software to create a virtual environment to share high-tech displays from the Experience Canada Marketing Pavilion - housing the International Media Center - with the rest of the world over the Internet. The Digital Experience Management software digitizes and virtualizes images to be portrayed in a 3D format. The link to the virtual site is: www.vg20net.org.

"The goal for the virtual environment shared via the Internet was to make the Summits more relevant to a broader global audience and showcase technology examples from Canadian digital media companies, as well as marketing tourist destinations throughout the province of Ontario where the Summit was held, and Canada as a whole," said Jenkins.

The Group of Twenty (G-20) Finance Ministers and Central Bank Governors was established in 1999 to bring together industrialized and developing economies to discuss key issues in the global economy, in response to financial crises of the late 1990s. G-20 events are held regularly around the world, with the next major G-20 Summit slated for Seoul, Korea in November this year.

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IronCAD Expands Reseller Network in Australia

28 June 2010

IronCAD, LLC announced the signing of their latest reseller, CAD International, based in Australia. CAD International source specialized third party software and develop specific CAD software applications from scratch to meet the needs of industries as diverse as Landscape Design, Architecture, Mechanical Design, Structural Drafting, Product Design and General Drafting as well as individual corporate needs in fields such as shipping, construction, manufacturing, storage, space management, national power supply and telecommunications.

"While searching to expand our stable of products to meet the demands in the mechanical design market, we looked very carefully for a product line-up that would differentiate us in a market saturated by 'me too' or 'would be if they could be' solid modelers. We required a product that was both powerful and innovative to be competitive and a leader in our market. The IronCAD design solution was the natural choice for us and fit our very successful way of doing business" stated Nigel Varley, Owner of CAD International

"CAD International expands our network of resellers in Australia meeting the demands of the growing adoption of IRONCAD in the region" stated Richard Serna, IronCAD's Director of Channel Sales.

"CAD International's experienced design solutions oriented team is well suited to progress into the 3D MCAD market using IronCAD as a foundation. IronCAD's fundamental design philosophy allows them to easily become productive and aid in customer demands for a production ready solution." he added.

For information about CAD International, please visit <http://www.cadinternational.com>.

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MSC.Software Appoints Eric Favre Vice President Asia/Pacific

29 June 2010

[MSC.Software](#) announced the appointment of Eric Favre as the Vice President Asia/Pacific.

Mr. Favre will be responsible for continuing to drive the rapid adoption of MSC's products in the region while ensuring that users continue to receive the very highest level of support.

"Eric Favre is a great fit to assume responsibility for the Asia/Pacific market as he brings a wealth of regional and industry experience specific to MSC.Software's line of business," said Dominic Gallelo, President and CEO, MSC.Software. "Over the past few years, MSC.Software has garnered greater market share and increased customer satisfaction in the Asia/Pacific region by putting the right teams on the ground to best serve the various markets. Favre's depth of technical knowledge and proven track record of effective execution should serve to further increase our footprint in the Asia/Pacific region."

Favre, who is based in Shanghai said, "My goal is to ensure that we are committed as a team to support our customers' virtual product development needs and give them the competitive advantages they need to be successful. The region holds enormous opportunity for MSC."

Favre brings to MSC.Software more than 20 years of industry experience with 16 years in the CAD/PLM business and over six years specifically in Asia/Pacific. Prior to MSC.Software's appointment, Favre was Vice President Asia/Pacific at Dassault Systemes, where he was responsible for managing the DELMIA (digital manufacturing) business. During his tenure at Dassault, Favre also oversaw the CATIA business across major regions in Asia.

Favre graduated as a mechanical engineer from one of the most famous Grandes Ecoles in France, Arts and Metiers (ENSAM). Favre began his career as a design engineer at Du Pont Engineering Polymers and later moved on to sales leadership positions at PTC and Tecnomatix. Favre spearheaded Tecnomatix's explosive business growth during his ten-year tenure and in 2003. He moved to Shanghai to assume the position of Vice President where he pioneered the business in Greater China while managing South Asia, significantly enlarging the business until the subsequent acquisition of Tecnomatix.

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Right Hemisphere Appoints John Valentine to Vice President of Engineering

29 June 2010

Right Hemisphere® announced the appointment of John Valentine to vice president of engineering. Valentine will be based in New Zealand, where Right Hemisphere's research and development staff are located, and report to the company's President, Founder and CTO Mark Thomas. As Vice President of Engineering, Valentine is responsible for all engineering, development, planning, scheduling and quality assurance processes. He will also work with senior management and Right Hemisphere's customers to define the company's product direction.

"John has worked on many complex IT projects and consistently delivered on time, as promised," said Thomas. "The positive relationships he has established with his customers speak volumes to us about the level of trust and respect he's earned in this business over the last two decades. We are very pleased to place our development team in his hands. I am confident that he will set an appropriately aggressive, yet realistic product development schedule that our customers can depend on."

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Valentine comes to Right Hemisphere from RHE & Associates, a software development and integration services company in New Zealand. Originally employed with RHE over 13 years ago as a developer, Valentine quickly became central to RHE's engagement and delivery activities. While at RHE, he performed in a variety of roles, including software delivery manager, insurance practice manager and solution architect. He ran 15 successful delivery projects for RHE for clients such as Air New Zealand, Qantas, IBM, and New Zealand Customs.

Before joining RHE, Valentine was a co-founder and technical director at Computer Aided Design Systems, Ltd (CADS), a New Zealand based reseller of both off-the-shelf and custom CAD software. Earlier in his career, Valentine was a field engineer for Schlumberger Inc. specializing in data acquisition and data analysis services for the oil industry. Valentine holds a bachelor's degree in Math and Physics from the University of Auckland.

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School of Planning and Architecture in New Delhi Joins Bentley's Academic Subscription Program

1 July 2010

Bentley Systems, Incorporated announced that the School of Planning and Architecture ([SPA](#)) – located in New Delhi and one of the premier planning and architecture institutions in India – has joined the Be Careers Network Academic SELECT subscription program. SPA's new Academic SELECT subscription provides students with lab and classroom access to more than 60 software products used by professional design and engineering organizations for sustaining infrastructure; unlimited no-fee home-use software licensing for faculty and students; LIVE training in Bentley's virtual classroom and OnDemand eLearning through the Bentley LEARN Server; access to training material; 24/7 technical support; scholarships and grants; professional networking via Bentley's Be Communities website; and much more. SPA will use the program to help it establish a center of excellence at the institution that will enhance the software skills of its graduate, post-graduate, and doctoral students and help them succeed in the architecture, engineering, construction (AEC), and operations professions.

Commenting on the program, Ranjit Mitra, director of SPA and a professor of urban design, said, "Through our new Be Careers Network Academic SELECT subscription, we will create a SPA Center of Excellence dedicated to providing our students with in-depth knowledge of the tools and best practices they will need to design, build, and operate the infrastructure of tomorrow – everything from buildings to transportation systems, communications systems, water systems, plants, and more. We are delighted by the broad range of software the subscription encompasses as well as by its cost effectiveness. Without question, it will give our students a distinct competitive advantage as they enter the jobs market, empowering them to become innovative infrastructure engineers at some of the world's leading AEC firms."

Atanu Pattanayak, Bentley territory executive for South Asia, said, "On behalf of all my colleagues at Bentley, I am very pleased to welcome SPA into our Academic SELECT program. This renowned educational and research institution continues to be at the forefront of practices that build a strong foundation for students' career development. Bentley's academic subscription supports SPA's commitment to helping secure a successful future for students in their chosen disciplines by enabling them to acquire not only an understanding of core architectural, engineering, construction, and geospatial concepts, but also solid advanced technology skills that make them job ready."

For additional information about Bentley's academic subscriptions, visit

<http://www.bentley.com/subscriptions>.

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Zuken Announces CSK as European CADSTAR Distributor of the Year

29 June 2010

Zuken has announced that CSK is the winner of the CADSTAR European distributor of the year award for 2009 - 2010, having topped sales of all other [CADSTAR](#) resellers in Europe.

"While others have suffered from the tough economic conditions, CSK's close relationship with their 200+ customers has protected them because of their excellent customer service. They have also generated new business from the transportation and embedded systems sectors," said Jeroen Leinders, CADSTAR distributor manager. CSK has been a CADSTAR reseller for 16 years and works with companies across Germany, Sweden, Spain, Greece and France. This is the second time that they have won this award.

Managing director of CSK, Karl-Heinz Kluwetash, comments on the achievement, "We have worked hard over the last year to deliver value that goes beyond basic product support and see ourselves as an important partner to our customers. We combine our CADSTAR offering with additional software which helps us deliver a more comprehensive solution to our customers." For more information about CADSTAR visit <http://www.zuken.com/cadstar> and for details on CSK visit <http://www.cskl.de>

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Events News

Delcam's ArtCAM 2010 has New Interface to Boost Productivity

1 July 2010

Delcam will demonstrate new versions of its ArtCAM family of software for artistic applications on **booth 4756 at IWF** in Atlanta, Georgia, from August 25th to 28th. 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. All of the 2010 range will feature a completely new interface that can be customised by the user to give them the optimum productivity.

In the new release, the interface is fully customisable, meaning the 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 visualisation of the model as 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 so allow 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 have always been highly valued by the most 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.

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On the machining side, a great deal of underlying technology has been incorporated into ArtCAM from Delcam's engineering CAM system, PowerMILL. This has enabled the inclusion of the latest multi-threading technology and so given faster calculation times. It has also given users greater flexibility to edit toolpaths, in particular to optimize the leads and links.

Within ArtCAM Insignia and ArtCAM Pro, more automation has been introduced when machining designs imported as layered DXF or pdf files from other CAD systems. Using Toolpath Templates, previously defined machining strategies, cutting tools and machining parameters can be applied to named layers within the imported file, using a single click. The layer structure is also preserved when a design is copied or even after it has been automatically nested to minimize material wastage. This means that the same Toolpath Template can be applied to all the copies simultaneously, dramatically reducing the time required to machine complex layouts with multiple, optimised, toolpath strategies.

New machining options include a new combination technique of roughing with an end-mill coupled with 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.

Finally, 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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ESI Sponsors INNOV'SAIL 2010 International Conference in Lorient, France

30 June 2010

Organized by the Royal Institution of Naval Architects (RINA), [INNOV'SAIL 2010](#) is the 2nd International Conference on Innovation in High Performance Sailing Yachts. It will provide an opportunity for scientists, architects, engineers, sailors and sail makers to present and discuss the latest scientific and technological research and its application in the complex and challenging field of high performance yachts and competitive sailing. [INNOV'SAIL 2010](#) will be held June 30 to July 1 in the auditorium of the Cité de la Voile 'Eric Tabarly' in Lorient, France.

[ESI](#) is a sponsor of [INNOV'SAIL 2010](#) and will contribute to the conference scope on different aspects of yacht design with a presentation providing engineers with knowledge and insights on innovative design for performance.

Entitled 'Simulation-Based Design for High Performance Composite Sailboats', the paper will be presented by Paul Groenenboom, Senior Physicist at [ESI](#), on July 1 at 5 pm.

Some innovative approaches to the design of high performance sailboats use [composite](#) panels and subcomponents with high strength-to-weight ratios. Strength and survivability considerations for such boats must account for the cumulative effect that irregular and often violent wave impacts have upon them. There is not only a need to reliably quantify the fluid-structure interaction effect of the boat with waves in heavy seas, but also the design and structural assessment of the boat, which should be based on the "as-built" shape and mechanical composition of the [composite](#) material sub-components rather than on some idealized model. Achieving this requires a unified approach. The presentation will highlight the benefits to be gained through the use of draping and infusion simulation during the manufacturing of a [composite](#) material subcomponent. It will also look into the assessment through simulation of the strength, vulnerability and survivability of the boat as well as modeling the interaction of the boat with

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waves in heavy seas using the Smoothed Particle Hydrodynamic (SPH) feature of [ESI's Virtual Performance Solution](#) suite of solvers.

The paper concludes with a value chain for manufacturing and performance using efficient computational tools like Multi-Model Coupling (MMC) to help achieve large scale and industrial level simulations.

Delegates will also be able to find out more about [Virtual Performance Solution](#) and [ESI's Composites Simulation Suite](#) for the [marine](#) industry by visiting [ESI's](#) booth in the exhibition area.

For more immediate information, please visit:
www.esi-group.com/products/composites-plastics
www.esi-group.com/products/crash-impact-safety

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Free Online Training Session for 2D and 3D CAD

1 July 2010

ASCON Group presents the next online training session for 2D and 3D CAD based on Mechanical CAD solutions - KOMPAS-3D.

The eleven webinars will be totally devoted to overview of functionality and possibility of 2D and 3D parametric modelling based on KOMPAS-3D and KOMPAS-Graphic solutions. Current and potential customers of ASCON, 3D beginners, IT experts and all the interested are able to familiarize, as well as get support and advice in any questions regarding the professional, easy-learning and cost-effective MCAD solution absolutely for free. The webinars will be held in English by highly qualified specialist from ASCON and will cover general 2D and 3D modeling topics, based on KOMPAS-3D system, as well as consider the novelties of KOMPAS-3D V11 compared to previous versions:

Date	Theme
07.07.2010	KOMPAS-3D V11 New features: Overview of new features
14.07.2010	Steel Structures 3D - steel structures design in KOMPAS-3D
21.07.2010	Pipelines 3D: Examples of pipelines design with Pipelines 3D
28.07.2010	Collaboration functionality: Overview of Import and export possibilities
04.08.2010	Part modeling: Part creation functional overview, Multibody interface, Boolean features, using parameterization, variables
11.08.2010	Assembly creation: Assembly modelling
18.08.2010	Parametrisation in KOMPAS-3D: Parametrization functionality overview
25.08.2010	2D in KOMPAS-Graphic: During this seminar we will demonstrate all process of drawing creation: from creation of the new 2D-document and getting drawing from 3D models till printing
01.09.2010	Sheet metal: Review techniques of sheet metal functional of KOMPAS-3D
08.09.2010	Mutibody interface and boolean features: Tutorial how to work with multibody and boolean features functional

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15.09.2010 CAE analysis in KOMPAS-3D: Examples of working with application APM Studio FEM and Universal mechanism express

To register for webinars or get additional information about KOMPAS solutions please access contact@ascon.net

The number of participants is limited, do not miss an opportunity and register first.

Prepare for webinars and download KOMPAS-3D V11 30-Days full-functional Trial at <http://ascon.net/download/kompas/>

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Mastercam X5 Preview Being Showcased at IMTS 2010

28 June 2010

The **IMTS** show ushers in the latest CAD/CAM software from CNC Software, Inc. Attendees will get a first look at Mastercam X5, which will be displayed in **booth # E-3840** at McCormick Place in Chicago, IL on September 13-18. Mastercam X5 introduces significant new capabilities, including new dynamic milling techniques, multiaxis machining, Smart Hybrid Finishing, and much more.

New Dynamic Milling Techniques

Dynamic milling constantly adjusts the toolpath to ensure the most efficient cut possible and allows use of the entire tool flute length, often eliminating the need for multiple depth cuts. New dynamic milling techniques include Dynamic Rest Mill and Dynamic Contour. Dynamic Rest Mill behaves in a manner similar to the current toolpath, only it uses dynamic milling motion instead of core mill or area mill motion for the rest operations. Dynamic Contour uses an intelligent, efficient high speed contouring strategy to remove material along walls. It supports multi-passes and can optionally include finishing passes.

Much easier multiaxis machining

Mastercam's multiaxis suite has new machining techniques and a new, easy, workflow-oriented interface. Mastercam lets you choose the basic type of work you're doing using clear illustrations, and then gives you a clear, step-by-step process for defining how you'll cut the part. Mastercam's multiaxis machining also includes a new highly specialized interface for smooth, gouge-free engine head porting.

Fast, aggressive, intelligent roughing

[Mastercam](#)'s new 3D surface high speed OptiRough toolpath is a new technique designed to remove large amounts of material quickly using its successful dynamic milling motion. Large, aggressive cuts are followed by fast, smaller up-cuts, safely delivering a fully roughed part faster than ever.

Smart Hybrid Finishing

Hybrid finishing intelligently blends two efficient cutting techniques in a single toolpath. This new toolpath evaluates the model shape and smoothly switches between Constant Z cutting and Constant Scallop machining. The result is a dramatically finer finish with less work.

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Financial News

IGE+XAO Consolidated Turnover for the Third Quarter (in IFRS norms)

15 June 2010

In Euros	2009/2010	2008/2009	Change
Turnover for first half (August 1 st 2009 to January 31 st 2010)	10,389,899	10,964,828	-5.4%
Turnover for third quarter (February 1 st 2010 to April 30 th 2010)	5,525,177	5,483,024	+0.8%
Turnover as of April 30 th (August 1 st 2009 to April 30 th 2010)	15,895,075	18,447,850	-3.4%

Despite difficult economic conditions in 2009/2010, marked by significant business slowdowns on the electrical equipment and CAD software markets, the 3rd quarter turnover of IGE+XAO increased by +0.8% to €5,525,177. This favourable trend is attributable to the diversification strategy in terms of clientele and territory (22 sites across 16 countries), enabling the Group to benefit from good international dynamics.

Over the financial year, IGE+XAO will be pushing ahead with its route plan aimed at optimising its cost structure while preserving its innovation capacity and market conquest potential. IGE+XAO will be launching major new versions of its leading electrical design software at the beginning of 2011. These new products will supplement the SaaS (Software as a Service) and Building offers dedicated to small and medium-size businesses as well as the Electrical PLM offer aimed at the aeronautic and automotive markets.

Moreover, the company has a solid economic model: on 31 January 2010, its operating profitability was 19.4% and its available cash amounted to over €13 million. In that context and on the strength of those solid fundamentals, the Group remains focused on the pursuit of its route plan targeting the opening of new markets, while preserving the Group's high profitability.

[!\[\]\(eaac180de418db4eae4b4cefebda75e8_img.jpg\) Click here to return to Contents](#)

Oracle Reports Q4 GAAP EPS of \$0.46, Non-GAAP EPS \$0.60

24 June 2010

Oracle Corporation announced fiscal 2010 Q4 GAAP total revenues were up 39% to \$9.5 billion, while non-GAAP total revenues were up 40% to \$9.6 billion. GAAP new software license revenues were up 14% to \$3.1 billion. GAAP software license updates and product support revenues were up 12% to \$3.4 billion, while non-GAAP software license updates and product support revenues were up 13% to \$3.5 billion. GAAP operating income was up 14% to \$3.3 billion, and GAAP operating margin was 35%. Non-GAAP operating income was up 26% to \$4.4 billion, and non-GAAP operating margin was 46%. GAAP net income was up 25% to \$2.4 billion, while non-GAAP net income was up 31% to \$3.0 billion. GAAP earnings per share were \$0.46, up 24% compared to last year while non-GAAP earnings per share were up 30% to \$0.60. GAAP operating cash flow on a trailing twelve-month basis was \$8.7 billion. Oracle estimates that in Q4 of fiscal 2010, Sun reduced GAAP operating income by approximately \$100 million, including \$176 million of amortization, and contributed approximately \$400 million to non-GAAP operating income.

CIMdata PLM Industry Summary

For fiscal year 2010, GAAP total revenues were up 15% to \$26.8 billion, while non-GAAP total revenues were up 15% to \$27.0 billion. Fiscal year 2010 GAAP new software license revenues were up 6% to \$7.5 billion. GAAP software license updates and product support revenues were up 11% to \$13.1 billion, while non-GAAP software license updates and product support revenues were up 10% to \$13.2 billion. GAAP operating income was up 9% to \$9.1 billion, and GAAP operating margin was 34%. Non-GAAP operating income was up 15% to \$12.5 billion, and non-GAAP operating margin was 46%. GAAP net income was up 10% to \$6.1 billion, while non-GAAP net income was up 15% to \$8.5 billion. GAAP earnings per share were \$1.21, up 11% compared to last year while non-GAAP earnings per share were up 16% to \$1.67.

"We executed better than expected on both the top and bottom line for the quarter," said Oracle CFO, Jeff Epstein. "This strong performance plus disciplined business management led to a non-GAAP operating margin of 46% in Q4, fully including the \$1.2 billion of Sun systems hardware that we sold in the quarter."

"We estimate that Sun contributed over \$400 million to non-GAAP operating income in our Q4," said Oracle President, Safra Catz. "This compares with a loss in Sun's quarter ending June of last year, when Sun was an independent company. Now that Sun is profitable, we have increased confidence that we will meet or exceed our goal of Sun contributing \$1.5 billion to non-GAAP operating income in FY2011, and \$2.0 billion in FY2012."

"We continue to take large chunks of market share away from SAP," said Oracle President, Charles Phillips. "Over the last twelve months Oracle's applications business has grown 5% on a constant dollar basis while SAP's business has declined 24% over their previous four quarters. This trend has been going on for a long time: Oracle's applications business has grown 60% in the last four years while SAP's business is 7% smaller than it was four years ago."

"Version 2 of our Sun Exadata database machine outperforms IBM's fastest computer in both data warehousing and transaction processing," said Oracle CEO, Larry Ellison. "As a result, some of IBM's largest customers began buying Exadata machines rather than big IBM servers in Q4 of FY2010. And the FY2011 Exadata sales pipeline is fast approaching the \$1 billion mark."

In addition, Oracle's Board of Directors declared a cash dividend of \$0.05 per share of outstanding common stock to be paid to stockholders of record as of the close of business on July 14, 2010, with a payment date of August 4, 2010. Future declarations of quarterly dividends and the establishment of future record and payment dates are subject to the final determination of Oracle's Board of Directors.

The estimate of the Sun contribution to operating income referred to above includes allocations of general and administrative expenses and other costs which cannot be directly identified as a result of the integration of the Sun and Oracle businesses to date. For additional information, please see footnote 8 in the Reconciliation of Selected GAAP Measures to non-GAAP Measures. Additional reconciliations can be found in the attached tables and at <http://www.oracle.com/investors>.

Q4 Earnings Conference Call and Webcast

Oracle will hold a conference call and webcast today to discuss these results at 2:00 p.m. Pacific. You may listen to the call by dialing (866) 288-9872 or (913) 312-2900, Passcode: 911443. To access the live web broadcast of this event, please visit the Oracle Investor Relations website at <http://www.oracle.com/investor>.

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Implementation Investments

Atrion's Compliance Guardian for Microsoft Dynamics AX Chosen by JACAM for Strategic Global Compliance

29 June 2010

Atrion International announced that JACAM Industries has selected its [Compliance Guardian](#) for Microsoft Dynamics AX to ensure adherence to global regulations. Atrion's Compliance Guardian for Microsoft Dynamics AX is an out-of-the-box solution that provides product and raw material compliance assessment, document authoring and management, automated labeling, substance volume tracking and extensive reporting capabilities.

“As we expand into new global markets, JACAM continues its commitment to the highest environmental, health and safety standards in the industry. To support these objectives we sought a powerful compliance system that was tightly integrated with our chosen [ERP system](#),” said Jason West, President of JACAM. “With our rapidly growing customer base and the ever changing global regulations, product compliance is a strategic component of our evolving infrastructure.”

Compliance Guardian is [Powered by ACE™](#) which allows Microsoft Dynamics AX users to weave [Atrion's Product Compliance Solution](#) and [Managed Regulatory Content](#) into their business processes so that they can comply with emerging global regulatory requirements at all stages of the [product life cycle](#). The suite of products helps process and discrete manufacturers and distributors to manage risks to brand equity and disruption of operations associated with the lack of accurate contextual product compliance information.

“JACAM selected Microsoft Dynamics AX for their ERP backbone and required a robust compliance solution to meet the needs of their growing global customer base,” said Joe Cella, Vice President, Marketing and Partner Programs. “With the most comprehensive product compliance solution available on the market Atrion allows manufacturers such as JACAM to reduce costs and optimize efforts, while adhering to global regulations.”

JACAM also selected Edgewater Fullscope, a Microsoft Gold Certified Partner and the 2010 Microsoft Dynamics Manufacturing Partner of the Year, as its Dynamics AX implementation partner. Fullscope and Atrion work closely together to provide chemical and other process manufacturing companies a comprehensive solution to help reduce costs and optimize operational performance while adhering to global compliance regulations.

Catalyst legislations such as [REACH](#), [GHS](#) and RoHS, as well as customer demand are making environmental responsibility an increasingly important factor in everything from materials procurement to distribution. Noncompliance creates substantial financial and safety risks that impact the entire supply chain, including the inability to import and export, sell globally and meet customer demand. Product compliance is essential to profitable growth.

About JACAM

JACAM Industries manufactures and markets oilfield treating chemicals in the United States, Canada, Mexico, China, and Saudi Arabia. It offers acid stimulation additives, anti-foulants, biocides, biomass dispersants, combination corrosion/scale inhibitors, corrosion inhibitors, emulsion breakers, foamers and defoamers, gas sweeteners, oil soluble acids, paraffin products, paraffin solvents, paraffin inhibitors, pour point depressants, salt inhibitors, SmartBalls™, surfactants, System Saver Pellets™, and car

CIMdata PLM Industry Summary

wash products. The company also operates a fleet of delivery and semi-trailer trucks that deliver chemicals to company warehouses and wholesalers. JACAM was founded in 1982 and is based in Sterling, Kansas.

About Edgewater Fullscope

Edgewater Fullscope is a Microsoft Gold Certified Partner and one of the largest resellers of Microsoft Dynamics AX in the United States and Canada. The company provides enterprise resource planning (ERP) and other technology services to help companies with process, discrete and hybrid manufacturing operations improve operational efficiencies, increase the agility of their manufacturing operations and provide real-time insight into production processes. For more information, visit <http://www.fullscope.com>

Atrion International

Atrion International Inc., founded in 1989, delivers product compliance solutions for both process and discrete manufacturers. By integrating the largest set of managed regulatory content into a prepackaged automated solution and connecting to key ERP systems, Atrion's [Product Compliance Solution](#) ensures that products will reach customers with minimal risks to brand image and shareholder value. Atrion International is headquartered in Montreal, Quebec, Canada with offices in the United States and Europe.

For more information about Atrion International, visit <http://www.atrionintl.com>.

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Autodesk Helps Fiberforge Lightweight the World

30 June 2010

[Fiberforge](#) is using software from [Autodesk, Inc.](#) to design its patented RELAY Station, which produces lighter, stronger, more resilient, recyclable materials for consumer products and industrial machinery.

The Autodesk [Clean Tech Partner Program](#), which provides software grants for emerging clean tech companies in North America and Europe, is helping Fiberforge explore numerous design alternatives for the RELAY Station. Fiberforge used [AutoCAD Electrical](#) software to design and build the electrical controls for the RELAY Station. Part of the Autodesk solution for [Digital Prototyping](#), AutoCAD Electrical combines [AutoCAD](#) functionality with features specifically for electrical applications.

“AutoCAD Electrical alerts our engineers to design errors as they occur, which helps us eliminate costly errors before the build phase begins,” said David Cramer, chief operating officer and chief technology officer at Fiberforge. “Since we joined the Autodesk Clean Tech Partner Program, our engineers can better design electrical controls circuits based on functional requirements and automate many electrical engineering tasks, helping to save hours of effort.”

Fiberforge is a spin-off of the Rocky Mountain Institute, under the direction of Chairman and Chief Scientist Amory Lovins. The core of Fiberforge's vision is “lightweighting,” the practice of designing and creating a significantly lighter product that still satisfies appropriate standards for strength, performance, appearance and safety. Lightweighting can be particularly useful in the automotive space because a lighter car uses less fuel.

CIMdata PLM Industry Summary

Fiberforge uses composite processing that enables high-volume, low-cost production of parts not only for car bodies, but for everything from portable computers to aircraft parts. With this, the company is quickly becoming a leading supplier of advanced manufacturing technology and parts made from stronger, lighter materials. The company's RELAY Station can produce a single part in less than three minutes.

With the accuracy and efficiency of designing the RELAY Station's electrical controls digitally, Fiberforge significantly reduced the need for multiple physical prototypes, thereby speeding time to market.

About the Clean Tech Partner Program

The Autodesk Clean Tech Partner Program grants software to early-stage clean technology companies to help them innovate more rapidly and get to market faster and at lower cost. Each Autodesk Clean Tech Grant recipient receives up to \$150,000 of design software, including up to five licenses of AutoCAD Inventor Professional Suite, Autodesk Showcase Professional, Autodesk Vault Professional, Autodesk Navisworks Manage, Autodesk Revit Architecture, and Autodesk Alias Design software. For additional information, visit <http://www.autodesk.com/cleantech>

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Catalog Data Solutions CAD Download Solution Implemented by Industrial Gas Springs

29 June 2010

Catalog Data Solutions (CDS) announced that [Industrial Gas Springs, Inc.](#) has implemented its CAD download solution on their website.

Industrial Gas Springs, Inc. is an influential and dynamic manufacturer of gas springs, gas struts and dampers. "Our customers are design engineers and enabling them to download CAD models of our products quickly and easily saves them design time," said Jim Saylor, OEM Design Manager, Industrial Gas Springs, Inc. "Our sister company has had considerable success increasing business as a result of CAD downloads and on the very first day that CAD downloads were live on our website we received an order as a result of a CAD download. This is our principal marketing initiative for this year and we have found it to be relatively low cost – we expect a healthy ROI this year."

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

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Delcam Completes First Sales from MACH Exhibition

2 July 2010

During the last week, Delcam has completed its first two sales to visitors to its stand at the MACH exhibition. The exhibition, which took place at the NEC, Birmingham, from 7th to 11th June, saw over 1,000 visitors to the Delcam stand, making the event by far the most successful event for Delcam since the previous MACH in 2008.

The most prestigious visitor to the [Delcam](#) stand was HRH the Duke of York. Delcam was chosen to be

CIMdata PLM Industry Summary

one of a small number of companies to be visited by the Duke, following its recent receipt of the 2010 Queen's Award for Enterprise. The Award was made in recognition of the company's continuing development of CAD/CAM software for the dental industry.

The first of the Delcam sales was made to a company that had been considering an upgrade to its CAM software for some months. "The owner was fairly sure that he needed to replace his existing system with Delcam software but wanted to see the various programs on show at MACH before making his final decision," explained Delcam Marketing Manager, Peter Dickin. "Visits to all the other CAD/CAM companies at MACH convinced him that the Delcam system would give the greatest benefit to his company, in terms of machining speed and surface quality."

The second order came following a recommendation by one of the many machine tool companies that had used Delcam software to program their demonstrations at the exhibition. The customer had confirmed an order for a large five-axis machine at the show and realised that he would need more powerful CAM software to gain the maximum productivity from his new acquisition.

"This customer had also visited all of the CAD/CAM companies at the exhibition and compared the five-axis capabilities of the various systems," said Mr. Dickin. "While the recommendation from the machine tool supplier meant that we were always in a strong position to win the order, the calculation speed and the range of five-axis machining strategies in the software convinced the company that Delcam would be the best choice."

Delcam promoted its CAM and inspection software in association with more than 40 partners at MACH, including many of the world's leading providers of machine tools, cutting tools and inspection equipment.

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Delcam's PowerMILL Gives Faster, More Accurate Sculpting

28 June 2010

Weber Group is a design and construction company that creates specialty fabrications for family entertainment venues and commercial construction projects. The company has recently invested in a DMS five-axis CNC router, programmed with Delcam's PowerMILL CAM system, to help improve its responsiveness, accuracy and consistency of production. As a result, production times have been cut by up to 50% and designs can be reproduced more accurately.

The company, based in Louisville, Kentucky, employs more than 70 experienced staff for all phases of a turnkey project, including licensed architects, estimators, designers, construction managers, field supervisors and carpenters. Many projects require Weber to reproduce branded cartoon or historical figures accurately and to a wide range of scales.

After a customer required five-axis machining for a new project, senior draftsman Van Evans evaluated software from many sources before deciding on PowerMILL. Mr. Evans had no previous experience with CNC programming but, with only four days training, he was able to begin production confidently.

Previously, artists would sculpt characters' forms based on models out of 3D Studio, which would output images sometimes with scaled reference grids. Alternatively, they would sculpt based on a photograph or a hand rendering. "On an average human-sized figure, we can cut production time in half," estimated Mr. Evans. "The only handwork necessary after machining is very light."

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Weber used to contract out the rough production of some figures. After the [Delcam](#) software was installed, the quality of the pieces increased dramatically. “We can reproduce the figures much more accurately,” Mr. Evans claimed. “Previously, each piece was a one-off and there could be some variability. Sometimes you can be artistic but, with the Delcam software, we can be perfectly accurate on any scale.”

Although each job Weber does is unique, most must conform strictly to trademark requirements. Penny Peavler, Weber Marketing Director, pointed out: “Especially in our Family Entertainment division, the software will be extremely helpful in reproducing nationally-known brand characters accurately down to the last detail.”

“I can generate the toolpath and have PowerMILL check the program to avoid collisions and produce the most efficient machining time,” Mr. Evans said. “Then I run a full machining simulation, especially for the more complex parts. I have a pretty good idea how the machine will behave before the cutter touches the material.”

Many parts produced by other Delcam users may be more precise than those at Weber but not many are as complex. “PowerMILL is an ideal tool for this work,” Mr. Evans added. “Surfaces match perfectly and require very little hand finishing. The precision of the software is incredible.”

According to owner Tom Weber, “We are convinced the software has helped us do what we do faster. With the training from Delcam, we were able to start using it almost immediately and the customer support since then has been excellent.”

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Delcam Reaches 1,500 Customers in China

30 June 2010

[Delcam](#) announced that the company recently added its 1,500th customer in China; Zhejiang (Taizhou) Jianli Mould Co., Ltd. To mark this landmark achievement, Jiang Fang, General Manager of Zhejiang Jianli, was presented with a plaque by Her Majesty’s Ambassador to China, Sebastian Wood CMG, during the UK Advanced Engineering China Showcase held in Shanghai on 23rd and 24th June.

Zhejiang Jianli is based in Taizhou in the Zhejiang province to the south of Shanghai. This is a major toolmaking centre, with many hundreds of mouldmakers based in the province. Zhejiang Jianli has added Delcam’s PowerSHAPE design software and PowerMILL five-axis CAM system to help the company to be even more successful in this highly-competitive environment.

Like many other toolmakers in the region, Zhejiang Jianli mainly supplies moulds for the production of plastic components for the automotive industry. As with all automotive producers around the world, Chinese manufacturers demand shorter lead times and higher quality. The company is confident that the Delcam software will help to meet these requirements.

Zhejiang Jianli is also planning to diversify into other industries, especially the machining of aerospace components. It expects that the five-axis capabilities of PowerMILL will give the company the potential to be successful in this new area.

The UK Advanced Engineering China Showcase was organised by the UK Government to present the best of British advanced engineering to Chinese companies. It followed similar events in Brazil last year and in India during 2008. Delcam was chosen to take part in all three of these showcase events.

CIMdata PLM Industry Summary

The China Showcase featured presentations from many leading UK engineering companies, including Airbus, Rolls Royce, GKN and Renishaw. Delcam Marketing Manager, Peter Dickin, spoke about some of his company's recent customer success stories as part of the Technical Panel Session on Efficient Manufacturing.

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Koniambo Nickel Project Uses Cadac Organice to Manage Their Operational Documents

30 June 2010

[Cadac Organice BV](#), a Microsoft Gold Certified Partner and developer of Cadac Organice (a SharePoint based solution for engineering document management and document control) announced that the Koniambo Nickel Project in New Caledonia has implemented Cadac Organice to manage its operational documents.

The US\$3.85 billion development of the massive Koniambo ore body is being managed by Koniambo Nickel SAS (KNS), a joint venture between Société Minière du Sud Pacifique, the development arm of the North Province government of New Caledonia (51%) and Xstrata Nickel (49%). The EPCM contract was awarded to a joint venture between Hatch and Technip and includes engineering, procurement and construction project management services.

To manage the operational documents for the project, [Hatch](#) has implemented Microsoft SharePoint and the Cadac Organice Product Suite as the Enterprise Content Management system. Cadac Organice Explorer is used to manage the electronic documentation in SharePoint required to support Operations, including engineering, quality, regulatory, specifications, vendor documents, procedures, policies and external communications. Cadac Organice Transmit will be used in the near future to distribute documents between the project partners using transmittals and to keep track of what was sent to whom, when and why. Furthermore, Cadac Organice Scan, Cadac Organice Publish and the Cadac Organice Document Numbering Tool to automatically generate document numbers for new documents in SharePoint have been implemented.

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Nowy Styl Group implements IFS Applications in its Western Europe Companies

29 June 2010

Nowy Styl Group, a leading manufacturer of office furniture in Europe and a supplier of seating to a number of stadiums at the FIFA World Cup in South Africa, has implemented IFS Applications in its French company. The solution covers distribution and finance, and brings the number of IFS users in the Nowy Styl Group to 950. The implementation in the distribution company in France is a further commitment by Nowy Styl to implementing IFS Applications as a corporate standard throughout the Group.

Nowy Styl France is implementing IFS Applications to help integrate management within the organization, which currently consists of more than 10 companies operating in 11 countries. The goal of the project is to improve operational efficiency within the Group, mainly by simplifying the supply chain, streamlining customer support, reducing order delivery times, and enabling corporate controlling and accounting.

CIMdata PLM Industry Summary

Nowy Styl Group has used IFS Applications in Poland for the last 10 years. The solution originally consisted of IFS Applications components for finance, distribution and manufacturing. Dynamic growth and numerous structural changes in the Group led to a new contract being signed with IFS in 2006. The use of IFS Applications was also extended to cover Group companies in Ukraine, Slovakia and Russia. New components of IFS Applications were also purchased as part of the agreement, including IFS Repetitive Manufacturing, IFS Customer Schedules and IFS Supplier Schedules.

Early in 2009, the management of Nowy Styl Group decided to implement the solutions used in Poland in its companies in France, Germany and in the UK.

“The Group aims to operate as one business organization regardless of the individual companies being separate legal entities and dispersed geographically. An integrated, standard ERP solution is a necessary infrastructure, and will house and optimize all the Group’s business processes. The implementation of IFS Applications in Nowy Styl’s distribution companies in Western Europe is not only a transfer of advanced information technologies from Poland, but most of all the pursuit of optimized business processes throughout the Group,” said Rafal Chwast, Vice President of the Board, Financial Director and responsible for IT in [Nowy Styl Group](#).

“ERP systems such as IFS Applications help streamline the operations of international multi-site enterprises to reduce costs and improve the precision of the sales process, both of which ultimately result in better customer service,” said Marcin Taranek, CEO, IFS CEE.

More than 10 companies in the furniture sector in Poland are using IFS Applications, including ProfiM Sp. z o.o., SITS Sp. z o.o., Com.40 Limited Sp. z o.o., PPHU Correct Sp. z o.o. and Paged Meble S.A..

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Research and Development Establishment (Engineers) Drives Composite Innovation with Dassault Systèmes Solutions

30 June 2010

Dassault Systèmes (DS) announced that Research and Development Establishment (Engineers) (R&DE (E)) has selected Abaqus Finite Element Analysis (FEA) software from SIMULIA to meet its virtual testing requirements. R&DE (E) is an engineering group working with metal and composite materials to drive innovation in structural and mechanical systems through research, collaboration, and the use of state of the art technology.

.Composite materials are increasingly utilized by many industries due to their strong yet light-weight properties and the ability of their structural response to be tailored as needed. R&DE (E) has selected Abaqus FEA software for its robust linear and nonlinear structural analysis capabilities, as well as advanced composites modeling and simulation features. Abaqus is being used for performing not only static, but also dynamic load case simulations of impact penetration, vehicle dynamics, and geotechnical interactions. These are essential in determining the right composites material to be used in applications such as bridges, military vehicles, sonar domes, and ship superstructure.

“The bridges and vehicles developed at R&DE (E) need to withstand very harsh environments. Abaqus FEA provides accurate, realistic simulation capabilities for designing safe, reliable products,” states Mr. U.R. Gautam, group director, Integrated Management Systems Group, R&DE (E).

“[SIMULIA](#) India provides the best technical support in the industry,” added Dr. Makarand Joshi, head, Composite Research Center (CRC), R&DE (E).

CIMdata PLM Industry Summary

“For several years we have been investing in R&D with a specific focus on composite simulation, including sophisticated tools for fracture and failure prediction,” stated Ken Short, VP, Strategy and Marketing, SIMULIA, Dassault Systèmes. “We work proactively with our customers and industry groups to help engineers design composite structures that meet our customers performance objectives ahead of costly prototype testing. This enables customers to meet regulatory and market demands on schedule and at lower cost than before.”

An offshoot of R&DE (E)’s research includes the development of innovative prosthetic hip implants designed to meet the needs of individuals with particular focus on the physiology of the Indian population.

“We are also using Abaqus FEA to study the loads on the human bone before and after the implant to ensure reduced stress on the bone structure,” said Mr. Kiran Akella, Scientist, R&DE (E). “Abaqus is a powerful tool to analyze implant and patient interaction.”

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Shapewear Designer SPANX Implements NGC’s PLM and Global Sourcing Software

29 June 2010

[NGC](#)® (New Generation Computing®) announced that SPANX, the shapewear innovator whose hundreds of shaping, contouring undergarment designs have redefined beauty and fashion for women and men around the world, has begun implementation of NGC’s e-PLM® and e-SPS® software for PLM and global sourcing. NGC’s software is helping the company increase speed to market and improve organization, collaboration and communication between designers, factories and employees.

Ten years ago, consumer-turned-entrepreneur Sara Blakely created the SPANX brand to give women of every shape and size the ability to feel confident and sexy in any fashion. Today, SPANX products are sold by America’s finest retailers and boutiques as well as high-end retailers all over the world.

Prior to e-PLM and e-SPS, SPANX managed the company’s product design and factory collaboration with manual processes. “We ran the business on spreadsheets, as it typical with young companies,” said Robert Hunnicutt, technology project manager, SPANX. “But with our rapid growth, it became harder to manage information and the flow of data. Our product line was growing tremendously, we added more staff, and the number of factories tripled within 12 months. We couldn’t keep running our business on spreadsheets.”

SPANX set out to find a PLM system that could help them efficiently manage not only product design but also purchase orders, production and shipping; the company ultimately selected NGC out of a dozen vendors. “We needed a system to help speed up development, from concept to production. And when we found out that NGC offered integrated PLM and global sourcing, the choice was obvious,” said Hunnicutt.

SPANX is already seeing the impact of NGC’s software in the company’s day-to-day operations, with benefits that include:

Streamlined product development. With NGC’s PLM software, SPANX can now organize product sketches, specifications and all digital assets much more efficiently. SPANX can pinpoint information on each product, regardless of the stage of development, and quickly make any necessary changes without searching through spreadsheets and emails.

CIMdata PLM Industry Summary

In addition, the PLM implementation has “forced us to look at our design processes,” according to Hunnicutt. “We’ve streamlined the flow of information and become more structured, which is allowing us to speed up the design process.”

Improved efficiency. SPANX has added three different sub-brands since selecting NGC, but the company is handling the additional product lines with only minimal staff increases. “Our designers are using their time more efficiently, which has allowed us to have more products available and add more flexibility into our design schedules,” Hunnicutt said. “With every improvement NGC allows us to make, we are saving valuable minutes, hours and days, which helps us save on staff overhead.”

Enhanced communication and collaboration with factories. “This system pays for itself with this benefit,” said Hunnicutt. “e-SPS allows us to collaborate with the factories, and each style has its own communication thread. Our manufacturers can simply log in to the system and have access to every piece of information they need, such as design specifications, measurements and production notes.”

Faster speed to market. As a result of the improvements in design processes and production, SPANX is shortening the time it takes to move a product from design concept to production, allowing retailers and customers to receive their orders faster.

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Shop Floor Programming with WorkNC CAM software at Patterson Mold & Tool Boosts Productivity

28 June 2010

The six seats of WorkNC CAM software that Patterson Mold & Tool, uses on its shop floor have improved productivity by 30%. The company, based in St Charles, Missouri, U.S. has been producing tooling for the die cast industry for over 30 years and is now part of [Pace Industries](#), one of the largest die casting companies in the world. The main markets for its products are tools for its parent company used in the domestic appliance, lawn and garden, electrical, small motor, lighting, and telecommunications sectors. It now also produces parts for the aerospace industry, machining components such as pylons and struts, supported by AS9100 and ISO 9001 quality certification.

Before installing WorkNC, Patterson Mold & Tool had six full time CNC programmers, so machinists were relying on their skill, and had to wait when any changes had to be made to the CNC program. Roy Thomas, CNC Supervisor, says, "The machine operators had little idea of the machining methods chosen for them, which resulted in cautious feeds and speeds being used in the interests of safety." By installing WorkNC, the company has been able to redeploy the programmers to other engineering roles and carry out all its CNC programming on the shop floor. One lead programmer provides in house training and administers the WorkNC system so that the 10 machine operators can program their machines themselves.

Roy Thomas adds, “The operators understand their tooling, machines and the metal cutting process significantly better than our offline programmers did. Productivity has gone up by 30% with better toolpaths and much less time wasted making changes. In particular, roughing operations take half the time to program and run 70% faster.”

As well as its 15 CNC machines, [Patterson Mold & Tool](#) has two 5-axis CNC machining centers, a DMG DMU 80 P and a DMG DMU 100 P. These machines were installed to reduce the number of EDM tools required for each job by making it possible to machine more of the tool directly. Now that the company is making aerospace parts, these machines have become an essential part of its production

capability.

Roy Thomas says, “We use WorkNC’s Auto 5 module exclusively for our 5-axis CNC programming and we have found it so easy to use that we did not need any training. Now around 25% of our work requires 5-axis machining and our 10 machinists use it every day.” WorkNC Auto 5 changes 3-axis toolpaths into 5-axis toolpaths automatically. Collision avoidance takes account of the tool and its holder as well as the limitations of the machine itself. Algorithms in the CAM software ensure you can utilize the shortest tool lengths and also intelligently use the machine axis limits data to introduce unwind and flip movements automatically.

Patterson Mold & Tool uses Unigraphics, CATIA and Pro/Engineer for its design, so tooling and aerospace models are all manipulated in these CAD systems prior to manufacture. The designers set the origins and put the parts in the right orientation ready for the machine operators to apply the toolpaths. Data goes straight into [WorkNC](#), and pre defined macros automatically speed up the programming process. The company operates a three shift system, with low personnel levels on two of them, and depends heavily on the reliability of the software’s toolpaths, as parts can take up to 65 hours to machine. Roy Thomas says, “The quality of WorkNC’s toolpaths are excellent. The Spiral Core Roughing is extremely good and gives us a great improvement in tool life.”

The six floating licenses of WorkNC give the company flexibility, enabling the majority of the operators to be programming simultaneously while keeping capital investment to a minimum. Roy Thomas adds, “WorkNC is extremely important to us, and has resulted in some major improvements to our productivity, thanks to its automated cycles, reliability and ease of use. It is our only way of programming 5-axis parts, which is a large part of our business, helping us to reduce the number of set ups and fixtures we require and enabling us to cut more of the part in one hit.”

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SiS Adopts Cadence Technologies for Advanced SoC Designs

30 June 2010

Cadence Design Systems, Inc. announced that Silicon Integrated System ([SiS](#)), a worldwide leader in logic products, has adopted Cadence® solutions for its PC peripheral and multimedia system on chip (SoC) designs. SiS chose Cadence to improve automation and further optimize its product development flow in order to boost productivity and manage profitability.

Cadence now provides SiS with a complete digital design-to-signoff methodology for exploring new power-saving strategies and accommodating unique SoC designs. The technologies and methodologies adopted include a full digital flow from logic design to implementation, custom/analog flow, verification flow, and power-saving, power-aware automation capabilities across the entire design.

To meet power-saving requirements for the DTV and multimedia SoC chip design, SiS used Encounter Conformal Low Power for advanced low-power verification, Encounter Digital Implementation System for full-chip implementation, Encounter Power System for accelerating complete power optimization, Encounter RTL Compiler for production-proven synthesis, and Encounter Timing System for high-quality timing analysis. Additionally, this new broader adoption includes Virtuoso Accelerated Parallel Simulator—part of the Virtuoso Multi-Mode Simulation suite of simulators—to provide fast, and accurate simulation for complex analog, RF and mixed-signal designs.

SiS was particularly impressed with the broad Cadence verification IP portfolio, which includes

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verification IP for USB-based designs, including USB 3.0 with Compliance Management System, a metric-based approach that uniquely automates protocol compliance verification. SiS adopted the verification IP as an integrated element of the overall Cadence metric-driven verification methodology and technology, aimed at providing cost-effective, zero-defect verification closure.

“As a high-quality DTV and multimedia SoC chip designer, SiS not only provides better designs to customers at the shortest lead time, but also offers outstanding service and support,” said Nelson Lee, Marketing senior director at SiS. “With Cadence we anticipate greater productivity through enhanced efficiency and fewer iterations, as well as an increased focus on profitability through faster time to market. This relationship will continue to be a crucial element in achieving our performance goals of high-quality technical innovation and customer service.”

“Cadence provides comprehensive solutions that enhance productivity and profitability for our customers who need to deliver high-quality products under shrinking schedule pressures,” said Willis Chang, Country Manager of Taiwan at Cadence. “We look forward to working with SiS as they continue to improve their development process and achieve breakthrough results in design quality and product competitiveness.”

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Telecom New Zealand Wholesale Upgrades its Enterprise License for Tribold EPM

30 June 2010

Tribold announced Telecom New Zealand Wholesale has upgraded their Tribold EPM license. In response to regulatory requirements in New Zealand the PLM program establishes a single point for product and service information within the Tribold EPM software. In upgrading the Tribold license Telecom New Zealand expect to further reduce the time and cost to market for all product development.

Simon Muderack, Tribold’s CEO commented: “Working with Telecom New Zealand as it’s undergone dramatic changes due to regulatory requirements over the last 3 years has taught the Tribold team a lot about the role Enterprise Product Management can play to facilitate structural change within Communication Service Providers. Product lies at the heart of the new business model Telecom New Zealand are seeking and Tribold is proud to play a leading role in that model.”

Tribold EPM™ is based on a Centralized Product & Service Catalog (CPC) and a Product & Service Lifecycle Management (PLM) solution.

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Tetra Pak Chooses ANSYS For Product Development Simulation

29 June 2010

Tetra Pak has expanded its use of [ANSYS®](#) products. The Swedish company is applying Simulation Driven Product Development™ using ANSYS software, which enables system analysis and leverages single-component modeling as an integrated part of the process. Technology from ANSYS enables customers to optimize designs throughout the product development process, especially in the early stages when changes can be efficiently and cost-effectively implemented.

Using a system approach allows Tetra Pak to study product behavior from a multiphysics viewpoint, enabling complex simulations of physical interactions such as fluid flow, temperature, velocity and

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evaporation. The company instituted the change in an effort to drive design concepts based on upfront performance predictions rather than late-stage test-and-change cycles, thus speeding up design time and time to market.

“This is allowing us to simulate entire filling machine processes even before prototyping. It has helped speed up development time significantly, in some cases saving us years of development effort,” said Laurence Mott, vice president, Packaging Technology, Tetra Pak.

Mott explained that [Tetra Pak](#)’s aim is to perform virtual prototyping at the concept phase, well before any physical testing is done. “We found that ANSYS provided the cutting-edge solutions that enable us to perform complex simulations in a user-friendly format,” said Mott, noting that “ANSYS is a committed, long-term partner that has taken an active part in helping us to develop the working methods of simulation driven product development.”

“Throughout the manufacturing industry in general, a number of trends are evident: rapid prototyping, improved and automated techniques and easy-to-use software for design of experiments, all of which bring higher accuracy and increased speed. Within the food packaging segment, Tetra Pak is pioneering and customizing the use of this leading-edge technology. By making analysis speed a crucial element in design and development, Tetra Pak has seized the opportunity to lead with its innovative solutions,” said Josh Fredberg, vice president of marketing at ANSYS.

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Product News

Aras Enhances Replication Capabilities in Advanced PLM Software Suite

1 July 2010

[Aras](#)® announced the availability of enhanced vault replication capabilities for Aras Innovator®, the advanced PLM software suite. Aras’s new vault replication features build on the company’s existing replication functionality, to provide unmatched fault tolerance, system configurability and end user simplicity.

Aras’s vault replication approach simplifies the user experience and ensures that users are always working with the most current version of a file. With Aras end users have a single, unified view of files, even in complex multi-vault, globally distributed environments. Aras avoids the replication issues faced by other major PLM systems by assigning a unique identifier to every version of a file. The Aras approach to vault replication achieves the highest level of data integrity possible and eliminates synchronization problems while providing a simple experience for end users.

One of the most powerful benefits of Aras’s new vault replication enhancements is the ability to completely configure replication rules without any scripting or programming. System administrators can quickly and easily define automated replication processes, express complex business rules and create replication events with no coding required. Configurable vault replication rules allow the definition of different replication modes for unlimited vaults, file types, file ownership or any other user-defined business requirement. Replication events can be set up to operate on-demand, upon file change, or on a periodic schedule when WAN traffic is minimized.

“From day one, the Aras architecture was designed to support globally distributed deployments with replication, and with these enhancements we are establishing a new level of performance and

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configurability for complex enterprise PLM environments,” said Peter Schroer, President of Aras. “Aras has made it easier for administrators to define and manage PLM vault replication all over the world, while giving them more flexibility and control than ever before.”

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CT Core Technologies Partners with Visual Technology Services PDF3D Global Solution

28 June 2010

CT Core Technologies announced a partnership with Visual Technology Services, a UK-based 3D visualization and technical publishing company. The goal of this partnership is to provide end users of CT Core Technology 3D_Evolution and 3D_Kernel_IO products the ability to write interactive 3D PDFs. The partnership brings PDF3D to the global PLM interoperability market and will further encourage collaboration, automation and integration among users via the widely available free Adobe Reader® software.(see [Press Release](#)).

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EMA Adds Future Electronics Part Database Interface to Their Component Data Management Solution

22 June 2010

[EMA Design Automation](#)™, a full-service provider of electrical and mechanical CAD tools, announced the addition of Future Electronics to the list of component distributors included in the new 4.0 version of Component Information Portal (CIP), EMA’s component data management solution which provides design teams an automated method to manage their electronic part data. CIP is integrated with Cadence® OrCAD® Capture CIS providing access to component distributor data directly within the OrCAD design environment, improving both data accuracy and operating efficiency.

“Since its initial release in July of 2008, customer adoption of CIP continues to increase because customers see real value in an out-of-the-box data management solution,” said Manny Marcano, president and CEO of EMA Design Automation. “With CIP, engineers are able to benefit from all the advantages that come with a centralized part library without having to become bogged down with designing and implementing a component database from scratch.”

CIP 4.0 adds the ability to search parametric data from the Future Electronics part catalog to its existing list of supported distributors, Digi-Key, Newark, and Premier Farnell. Users have online access to these part distributor databases allowing them to find available parts that meet their performance and financial requirements directly from their engineering desktop. With CIP 4.0, users can extend their part search across multiple distributors simultaneously to see which vendor best meets their needs. Once the desired part is found, CIP enables automatic download of the selected device parametric data directly into the component database; saving time and avoiding data entry errors that are common with manual methods. This data is then immediately available to design engineers directly within OrCAD Capture CIS. Since the parametric information has been collected from the part distributor this also provides purchasing with correct manufacturer and distributor part numbers, part costs, and available quantities to avoid component problems that can occur after the design is complete.

Going beyond distributor import functionality, CIP provides advanced component data management capabilities. Design teams can import external data into the component database, define user roles, and

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track database changes to keep everyone in synch as the design progresses. With CIP, users are provided with an automated methodology to implement, populate, and access their part data while ensuring consistency and proper design practices are being maintained.

“The integration of our part numbers and inventory information with EMA CIP significantly improves the accuracy of the Bill of Materials (BOM) for our customers,” said Tom Galligani, Regional VP of Sales at Future Electronics. “This dramatically reduces the cost for both the customer and supplier when quoting, and provides the EMS partner with an accurate BOM for production. With the ever changing landscape of supply chains, these types of tools are essential to supply chain management needs.”

EMA also enables design teams to further extend data management to the corporate level by tying their engineering database into enterprise systems like ERP, MRP, and PLM using the Enterprise Link™ module. This integration gives teams the ability to access engineering and related corporate data together; all while remaining within the OrCAD Capture CIS environment. Utilizing the Enterprise Link module ensures that engineering can design with corporate requirements in mind and easily generate compliant BOMs that consist solely of parts that meet corporate standards. This capability is available as a separate option and can be purchased with or without CIP.

For more information about EMA and its PCB and FPGA design solutions, visit <http://www.ema-eda.com/CIP> or call 800-813-7494.

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ITI TranscenData Extends Partnership with PTC

4 June 2010

ITI TranscenData, the developer of CADIQ, CADfix, DEXcenter and Proficiency, announced that it has moved from Gold Partner to PlatinumPartner within PTC’s PartnerAdvantage™ Program. The upgrade to the Platinum Partnership, which provides enhanced access to a comprehensive suite of capabilities, allows for notable enhancements within ITI TranscenData’s CADIQ solution. CADIQ is a CAD model validation application that identifies model-based design issues that adversely impact downstream processes, such as tooling, simulation and manufacturing.

“Our Platinum Partnership with PTC now offers greater resources for the development of our Model Based Design (MBD) validation solutions for Pro/ENGINEER®.” said Doug Cheney, CADIQ Product Manager. “Most CAD validation tools only verify design reuse for design – enforcing modeling conventions. CADIQ goes a step further, validating MBD models for downstream reuse – at design release and through any format conversion in the lifecycle. This new partnership level with PTC will enable comprehensive quality and comparison analysis of 3D annotation (PMI) data in our next major release.”

Engineers tasked with long-term data retention and archival initiatives use CADIQ to certify translations and conversions for 3D CAD models prior to archival, through geometry and semantics-based validation. CADIQ validates 3D models, assemblies, corresponding features and product manufacturing information (i.e. 3D PMI, GD&T, FT&A) against the source data, and provides automated predictive diagnostics. These diagnostics are used to identify, forecast and troubleshoot legacy conversion issues.

CADIQ is packaged for use in desktop or server environments, is easily integrated into design release and check-in and check-out processes of PLM workflows, and can be embedded in interoperability automations solutions.

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Andy Barlow, PTC's Senior Director of Business Development, stated, "We are pleased that ITI TranscenData has chosen to extend its partnership with PTC. We are looking forward to working closely together to enhance the value CADIQ brings to Pro/ENGINEER users, along with ITI TranscenData's entire suite of CAD Interoperability Solutions."

For further information, please use the [ITI TranscenData Contact Page](#)

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Latest Release of the D-Cubed AEM, Version 42.0

June 2010

Siemens PLM Software announces the latest release of the D-Cubed Assembly Engineering Manager (AEM), a software component that provides a more realistic and productive assembly environment.

[Learn More](#)

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Latest Release of the D-Cubed CDM, Version 42.0

June 2010

Siemens PLM Software announces the latest release of the D-Cubed Collision Detection Manager (CDM), a software component that accurately and rapidly detects collisions and computes clearances.

[Learn More](#)

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Latest Release of the D-Cubed HLM, Version 42.0

June 2010

Siemens PLM Software announces the latest release of the D-Cubed Hidden Line Manager (HLM), a software component that accurately and rapidly computes hidden line views. [Learn More](#)

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Latest Release of the D-Cubed 3D DCM, Version 42.0

June 2010

Siemens PLM Software announces the latest release of the D-Cubed 3D Dimensional Constraint Manager (3D DCM), a software component that positions parts in assemblies, simulates their kinematic motion, and parametrically controls the configuration of 3D sketches and the shape of parts. [Learn More](#)

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Lattice Technology Releases Lattice3D Reporter Update and Adds New Publisher Solution

29 June 2010

Lattice Technology® Inc. today released Lattice3D Reporter Publisher, as well as an update of its core

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Lattice3D Reporter software to ver 4.0.

Lattice3D Reporter Publisher combines the power of Lattice3D Reporter and the Template Option to enable automated batch creation of 3D Excel spreadsheets within an ERP/PLM system using pre-defined templates. These Excel spreadsheets are used by customers in both print and digital formats to provide easy access to comprehensive manufacturing, assembly, maintenance and support data. Lattice3D Reporter Publisher is a command-line tool tuned to fast, easy integration with existing workflows and IT infrastructures.

Lattice3D Reporter has been updated to ver. 4.0. This product is the core tool that enables 3D data, with related BOM, assembly, animation and annotation data, to be used in an Excel spreadsheet. Lattice3D Reporter now supports Windows 7 platforms.

The Template Option has also been updated to allow more detailed definition of 3D 'snapshots' which are automatically created in a spreadsheet from a 3D model, as well as allowing user-defined macros to be used in the spreadsheets. The Template Option is an application that works with Lattice3D Reporter to create 3D Excel spreadsheets on pre-defined templates simply by loading 3D data. These templates can automatically create spreadsheets for many purposes including: print and digital work and assembly instructions, digitally enhanced instructions with linked animations, 3D BOMs and more.

"The unique Lattice3D Reporter tools have been designed with the non-CAD user in mind, making them as easy to use as Microsoft Excel," said Bill Barnes, GM, Lattice Technology Inc. "The addition of Lattice3D Reporter Publisher means that the streamlined functionality the application brings can now be easily integrated into fully automated workflows ensuring that documents are created as soon as original design and parts list data is released or updated."

Lattice3D Reporter, Template Option and Lattice3D Reporter Publisher are part of a suite of software solutions that enable the rapid, easy and accurate creation of documentation for manufactured products. These solutions focus on bringing 3D automatically into documents in order to increase the level of comprehension, reducing learning curves and improving productivity in many areas of the manufacturing chain. In addition, automation and integration of the Lattice Technology Solutions allows high quality documentation and illustrations to be available to downstream users as soon as 3D data is released or updated, rather than lengthy waiting periods while a product or prototype is manufactured.

You can find out more about the Lattice3D Reporter products here and register for a free product download.

For more information, visit <http://www.lattice3d.com>

Performix Inc. Announces Availability of Next Generation Manufacturing Execution System Solution

30 June 2010

Performix Inc., the provider of [next generation manufacturing execution](#), recipe management, and batch solutions for the chemical, consumer products, food and beverage, and pharmaceutical industries, announced the release of [Performix xMES](#) 7.6. Delivering enterprise capabilities for process manufacturers to more easily and efficiently perform the functions that span the entire batch manufacturing footprint, Performix xMES 7.6 enables rapid deployment times and global rollout leading to faster returns on investment.

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The latest release of the Performix xMES Suite further enhances the solutions' tradition of streamlining SAP Batch Manufacturing and plant floor execution," said Sham Afzalpurkar, President and Chief Executive Officer for Performix. "By leveraging core SAP ERP master data and functionality, Performix xMES 7.6 continues to deliver on the promise of Next Generation Batch Manufacturing. Delivered as an "Out-of-the-Box" solution, xMES 7.6 also enables quicker and more cost effective implementations while continuing to allow manufacturers to extend the value of their current SAP investment."

The Performix xMES Suite is being deployed worldwide by manufacturers to streamline their global manufacturing processes. Dow Corning Corp, an early adopter of Performix's MES solutions has realized significant benefits.

New Capabilities Streamline the Batch Manufacturing Lifecycle and Global Deployment

Created to accelerate manufacturing visibility and control, the Performix xMES Suite consists of three core components including xRecipe™ for SAP Recipe Editing and Management; xMES®, the Recipe Execution engine; and xBatch™, the Batch Execution Historian. These components combined with SAP ERP and existing plant automation infrastructure encompass the entire Batch Manufacturing Lifecycle - from Recipe creation and management through plant floor execution and post batch analysis.

Performix xMES 7.6 builds upon these core functions to deliver manufacturers a range of new enterprise capabilities including:

- Full NLS multi-language support with translations for English, German, French, Spanish, Korean, and Japanese providing the required localization needed to deploy flexibly across the globe.
- Centralized performance and health monitoring services, events and notification functionality, and a dashboard for centralized support of local instances for regional and global system operations center support.
- Support for B2MML v4.0, the latest standard for ISA95

In addition to the enterprise capabilities, Performix xMES 7.6 includes many new features, such as:

- Procedure authoring and execution for common, non-product related tasks such as line clearances, clean-up and changeover.
- Procedure and local order management and execution.
- Phase Template support for scrap transactions and transaction reversals.
- Folders and filters to improve the organization of Recipes, Operation Templates and Phase Templates both locally and globally.
- xRecipe™ and xMES® enhanced reporting features.

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For more information about the Performix xMES Suite, please visit www.performixinc.com.

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Simplify the Creation of Folder Access Control in Windchill Pro/INTRALINK® 9.X and PDMLink®

29 June 2010

Fishbowl Solutions, Inc., a software, services and consulting company delivering solutions for the PTC® Product Development System (PDS), has released linkSecurity, an out-of-the-box solution for PTC Windchill PDMLink® and Pro/INTRALINK®.

Maintaining the security of design information and similar intellectual property is one of the highest priorities for most firms these days. The sensitivity for IP protection has only increased as companies continue to outsource work and employ contract workers. Most companies want to insure that only individuals with the appropriate security credentials are provided access to the information that they need for any given project.

In Pro/INTRALINK 3.4 administrators are able to restrict or grant access at the folder level. Although it is possible to create and assign access control domains to folders in Windchill Pro/INTRALINK 9.X and PDMLink, it requires several dozen steps in four separate user interfaces to add Access Control to a single folder. This process is time consuming and very challenging to maintain over time.

linkSecurity addresses this manual creation of folder level access control by allowing the Windchill administrators to run an automated script whenever needed to re-configure the access control domains automatically. For more information on linkSecurity visit [Fishbowl Solutions'](http://FishbowlSolutions.com) website or contact mcadsales@fishbowlsolutions.com.

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Spatial Introduces Development Platform for Cloud-based and Desktop Applications

29 June 2010

Spatial Corp. today announces Beta availability of RADF R3.0, a 3D development platform for desktop and cloud-based applications, and Convergence Geometric Modeler (CGM), a 3D geometric modeler used in Dassault Systèmes' V5 and V6 products. RADF is the industry's first Web-enabled development platform, enabling the use of a single code base for both desktop and web-based applications. The platform reduces development complexities by providing an application framework and integrated components in an extensible architecture. CGM offers proven, 3D modeling capabilities for application developers with an end-user need for native V5 compatibility.

“We are very excited to be able to offer Dassault Systèmes technology to our 3rd-party development community. By leveraging the engineering talent within Dassault Systèmes, we are able to expand our portfolio of software components, while maintaining focus on Spatial developed technology and advancing our application development platform to support cloud-based applications. Today, developers need more than individual software components. They need integrated technology and a way to deliver products when and where their customers need them,” stated Keith Mountain, Spatial CEO. “We are also pleased to have CGM as the first of many V6 technologies we will offer our customers.”

Most engineering and manufacturing applications use a range of software components for functions such

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as 3D modeling, CAD translation, and visualization. While 3D components offer time-to-market advantages, today's greater development challenge is to ensure high-quality integration between the various components, and to leverage the latest technologies for delivery of both desktop and web-based applications. RADF R3.0 provides a foundation for desktop and cloud-based application distribution, lowering the cost of deployment, reducing development complexities, and ensuring higher software reliability with lower cost of support.

About RADF R3.0

Rapid Application Development Framework (RADF) R3.0 is an integrated development platform for the development of Windows-based desktop and web-based applications. Application code written for the desktop client is reusable in the web client – enabling prototype workflows in the desktop scripting engine to be published for use by web clients. The platform greatly simplifies the development and delivery of applications at the desktop or in the cloud. RADF R3.0 includes:

RADF Core: a development platform that integrates 3D software components for higher software reliability while enabling custom application workflows in an extensible .NET framework.

RADF Desktop: an application starter kit with 3D model views; tabbed docking of viewports; WPF GUI elements and Ribbon Toolbars; 3D view controls; high performance rendering; and a plug-in architecture.

RADF Web: a client-server infrastructure that enables interactive high-performance browser clients to drive server-based fully-functional 3D engineering applications. Custom modeling operations and business logic written for the RADF Desktop client are reusable in the web client.

About Convergence Geometric Modeler (CGM)

CGM is a componentized version of the geometric kernel used in Dassault Systèmes' V5 and V6 products. The component offers exceptional geometry robustness with very powerful blending, Booleans, surfacing, and native interoperability with CATIA V5. V5 interoperability ensures model integrity and geometry fidelity across applications, an important benefit for many manufacturers. CGM also brings an advanced architecture which integrates wire, surface and solid modeling functionality for history-based or direct modeling applications. CGM key capabilities include:

Boundary Representation (B-rep) Modeling: the standard modeling paradigm for design, manufacturing and engineering applications

Multi-Dimensional Modeling: a rich toolset to define and manipulate solid, surface and wire geometry

History Based Modeling: a design structure that tracks model changes and supports relationships between entities

Model Construction: a comprehensive set of functionality to create and edit wire, solid and sheet bodies

Free-form Model Design: a design option with advanced surfacing functionality

Faceting: a function for generating a polygonal representation of the 3D model

“We are pleased to offer V6 technology to the 3D development community to enable new, innovative applications on the desktop or in the cloud. Our customers benefit through greater collaboration when their applications share the same underlying technology,” stated Pascal Daloz, Dassault Systèmes EVP Strategy and Marketing. “Spatial is a recognized technology leader within the 3rd-party development community and is well positioned to support Dassault Systèmes commitment to V6 openness and extend

its reach.”

To learn more about RADF R3.0 and CGM please visit: <http://www.spatial.com>

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STAR-CCM+ V5.04 Sets New Standards in Speed and Productivity

30 June 2010

CD-adapco announced the release of STAR-CCM+ v5.04, the latest version of its multi-disciplinary engineering simulation tool. This latest release delivers a range of new features across the entire simulation workflow with the latest implementation of over 180 new enhancements requested by our users.

Performance Improvements

“This latest release of STAR-CCM+ improves on the last both with new features helping broaden application scope and also through performance improvements throughout the engineering simulation workflow,” says VP of Product Management, Jean-Claude Ercolanelli. “Having already delivered a set of best in class meshing features that significantly reduce geometry preparation and mesh generation turnaround time, STAR-CCM+ v5.04 now improves on solver time, model handling and manipulation and post processing.”

A key enabler of faster turnaround time is the introduction of grid sequencing initialization, which provides the coupled solver with a better initialization state that has been seen to produce a converged result in around half the time previously possible. For the segregated solver, a new pre-conditioned conjugate gradient solver is available to aid scalability and solution speed.

One of the principle benefits of STAR-CCM+ has always been its ability to handle extremely large and complex geometries and version 5.04 builds on this by enabling users to more easily manipulate, visualize and post process their models. This new release of STAR-CCM+ delivers a range of performance improvements that significantly reduce the frame rate for model visualization and show upwards of 50% time reduction for the calculation of post-processing plots.

With the increasing importance of design optimization, the STAR-CCM+ mesh morphing technology has been completely re-written to provide massive gains in performance. The mesh morphing feature is now fully scalable allowing geometry modification for large models and helping deliver what-if studies to our users.

Integrating with our Partners

The benefit of the STAR-CCM+ single integrated environment includes the ability to easily link with specialist third party software. STAR-CCM+ v5.04 both improves the existing GT-power co-simulation capability and also adds the ability to couple to:

- WAVE, the 1D engine and gas-dynamics simulation software from Ricardo,
- OLGA the 1D pipeline flow assurance and well dynamics software from SPT Group.

“The ability to co-simulate with these 1D tools shows our commitment to delivering a product that is not only integrated within itself but also with other tools for the benefit of our users. The addition of the OLGA coupling demonstrates our commitment to delivering a complete simulation tool for the Oil and Gas industry,” adds Jean-Claude Ercolanelli.

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Other highlights of this new release

- Extended 3D-CAD functionality: STAR-CCM+ v5.04 provides new sketching and constraints and modeling features such as lofting, sweeping, and patterning

- Multiphysics: This new release adds a new material database with an extended range of materials and properties. The Bai-Gosman model for Lagrangian phase wall interaction, coal combustion with multiple devolatilized species and degassing boundaries for Eulerian multiphase flow.

For complete information on all new features in STAR-CCM+ v5.04 or to download it today please visit [CD-adapco's user services site](#) or [contact your local office](#).

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