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Acquisitions

Eclipse Expands With PLM Solutions Practice

7 July 2010

Eclipse Computing (Australia) Pty Ltd (Eclipse), a UXC Limited company, announced that it has secured the exclusive world-wide reseller and distribution rights for the software products and intellectual property assets of Just Oneplace Pty Ltd (JIP).

The arrangements cover the intellectual property of JIP's Product Lifecycle Management (PLM) and Workflow Solutions and Microsoft Dynamics NAV add-on granules. Eclipse has established a PLM Solutions practice to support existing clients and to market, implement and support the solutions world-wide.

Winston Teperson, product manager, PLM Solutions said, "This is a significant win for the customers of Just Oneplace and for businesses interested in reducing their costs and improving their speed to market with the use of PLM. Eclipse is the ideal company to market and grow JIP's multiple PLM and Workflow Solutions. Eclipse has the necessary support and implementation practices, as well as marketing and sales infrastructure to service customers and prospects here in Australia, New Zealand and internationally."

Bradley Stroop, chief executive officer, Eclipse said, "Our new PLM Solutions practice will allow Eclipse to harness other skills within our applications development and .Net practices and leverages our existing investment in Microsoft Dynamics solutions. This also provides the opportunity to deepen our expertise and skills within the retail, distribution and manufacturing industries."

Built on the Microsoft .NET platform, the software design can be closely integrated into the Microsoft Dynamics suite, giving businesses a complete end-to-end solution, from design to delivery.

"Eclipse and Microsoft have identified PLM as a key market growth opportunity, where real efficiencies can be achieved utilising smart solutions to improve collaboration in the supply chain and across business operations," Mr Stroop said.

Recently awarded the worldwide 2010 Microsoft Dynamics AX Partner of the Year, Eclipse is an

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established ERP vendor in the mid-market and one of the top ten Microsoft Dynamics partners globally.

About Eclipse

Established in 1991, Eclipse is a leading provider of intelligent business solutions to the mid-market. With a team of over 380 people located in Sydney, Melbourne, Canberra, Perth, Brisbane, Adelaide, Auckland, Wellington, Suva and Vancouver, Eclipse provides expertise and reliable service to help over 1,000 customers meet their business objectives.

Eclipse is part of the publicly listed Australian investment company, UXC Limited. UXC reported a profit after tax of \$18.8 million for 2009 financial year on revenues of \$715 million.

For more information visit: <http://www.eclipsecomputing.com.au>.

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CIMdata News

CIMdata Will Present “The Growing Importance of Simulation & Analysis in Product Development” at CONGRES NAFEMS FRANCE 2010

July 2010

Please join CIMdata’s Director of Research, Ken Amann at [CONGRES NAFEMS FRANCE 2010](#), October 12-13 to gain market insight on the growing importance of simulation & analysis in product development.

The presentation will describe the growing importance of the use of simulation and Analysis (S&A) throughout the product development lifecycle. CIMdata will present its analysis of the S&A global market, the size of that market, the trends impacting it, and a forecast for market growth as well as the leading suppliers of S&A solutions. The presentation will identify the actors that are driving increased use of S&A and how S&A is being used earlier in the lifecycle to help make design decisions. It will describe why more engineers and designers are using S&A as part of their design and engineering processes.

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Company News

Aras PLM Software Suite Certified by CMPIC for Enterprise Configuration Management

15 July 2010

[Aras](#)® announced that the Configuration Management Process Improvement Center (CMPIC) has certified Aras as a CMPIC Preferred Vendor compliant with the CMPIC configuration management framework. CMPIC validates that Aras has exceeded the technical requirements and demonstrated a commitment to the principles of configuration management (CM) and the CM community.

[CMPIC](#) works on configuration management standards and training for the world’s largest businesses and government agencies including Boeing, FAA, General Dynamics, ITT, NASA, U.S. Air Force, Whirlpool and others. CMPIC provides consulting and training that covers all aspects of configuration management best practices including CM requirements, principles, process, automation, and

compliance. CMPIC Certification & Training

“Aras is an industry-proven enterprise PLM software solution for complex configuration management and enterprise engineering change processes certified by the Configuration Management Process Improvement Center (CMPIC) as compliant with the CMPIC configuration management framework,” said Steven Easterbrook, President of CMPIC. “CMPIC has validated the Aras enterprise open source product lifecycle management solution for large scale configuration & data management scenarios where electrical, mechanical, software and firmware are combined.”

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ASCON Announces Winners of the VIII KOMPAS-3D Modelling Contest

22 July 2010

ASCON Group announced the results of KOMPAS-3D Modelling Contest 2010. This year 45 industrial enterprises, which design their products in the 3D Parametric Modelling Solution — KOMPAS-3D, took part at the Contest. More than 70 projects were presented to the contest commission – three-dimensional models of complicated equipment, machines, tools, industrial structures, as well as new application's developments to KOMPAS-3D.

Here are the winners of KOMPAS-3D Modelling Contest 2010: (Please access <http://www.ascon.net/showcase/gallery/> to view the winning designs)

Grand prize

ZAO “RudGorMash”, Voronezh

Project “Roller cutter drilling tool SBSH-259-60”

Mechanical Engineering

I place

Fire systems Co. Ltd., Tver

Project “Extension ladder AL-34”

II place

OAO "Sevmash", Severodvinsk

Project “Northern tidal power plant”

II place

Esto Vacuum Ltd., Moscow.

Project “Vacuum technological plant D12B2”

Industrial and civil engineering

I place

Ekotep Ltd., St. Petersburg

Project “Mechanical-draft tower”

II place

OA0 "Ural Steel", Novotroitsk

Project "Rolling production processing line"

III place

"Star", Kazan

Project "Central dome of the Ministry of Agriculture and Food of the Republic of Tatarstan"

The best professional project up to 200 parts

OOO "KB VZE", Voronezh

Project "Platform"

The best professional project from 201 to 999 parts

JSC "VNII Signal", Kovrov

Project: "Rotation gear"

The best professional project from 1000 to 4999 parts

OA0 "Bobruiskagromash"

Project: "Mowing machine rotary 3,1"

The best professional project over 5000 parts

ZAO "Transas", St. Petersburg

Project: "Ship low diesel engine 6 DKRN 42-136-10"

The best application's development to KOMPAS-3D

OOO "Tranzas", St. Petersburg

Application "Printed circuit boards models development based on the data systems eCAD IDF format"

Best project of consumer goods

OOO SEPO-ZEM ", Saratov

Project "Freezer"

The best project in machine tool construction

JSC "NIPTI" Micron ", Vladimir

Project "Special processing machine for tubes from aluminum alloy with varying outer profile"

Best Project for medicine and health

FGUP "Experimental plant" RNC"VTO"BTO Ilizarova Health Ministry of Russia" Kurgan

Project: "Automatic reposition module"

Best project of electrical equipment

OA0 "Eniseyzolotoavtomatika", Krasnoyarsk

Project: "High voltage connect station"

The best project in the automotive

OAO Neftekamsky Automobile Plant "

Project: "Dumper semitrailer 9509-31"

Best Project in agricultural engineering

GNU VIM Rossselhozakademia, Moscow

Project: "Plough frontal PFN-2, 2"

The most innovative project - a joint nomination with the company Softkey

OAO "Plant "Fiolent", Simferopol

Project: "Air boat "Scat"

At <http://www.ascon.net/showcase/gallery/> you may find all the winners and participants of KOMPAS-3D Modelling Contest 2010, as well as projects' gallery of previous years. In the near future ASCON will start to accept new applications and you are welcome to participate in the Contest 2011!

Download free version of KOMPAS-3D LT at <http://www.ascon.net/>

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Autodesk Chooses Pearson VUE for Computer-based Test Delivery

20 July 2010

[Pearson VUE](#), the computer-based testing business of Pearson, announced that Autodesk has signed a multi-year contract with Pearson VUE for computer-based delivery of its Associate-level certification examinations. As of August 2, 2010, Autodesk Associate Certification exams will be offered throughout the expansive worldwide network of Pearson VUE® Authorized Test Centers, in addition to current Autodesk locations.

Autodesk certification examinations will continue to be available through Autodesk Authorized Certification Centers located in 24 countries; however, the new agreement with Pearson VUE will add the option of computer-based delivery at Pearson VUE® Authorized Test Centers and expand the availability of Autodesk certification to more than 4,000 centers in 165 countries.

"Autodesk is happy to partner with Pearson VUE to increase both capacity and availability for our certification program," said Joe Astroth, chief education officer. "Adding testing at 4,000 centers in 165 countries allows Autodesk to rest assured that our customers can participate in our program, no matter their location."

About Pearson VUE

Pearson VUE (<http://www.pearsonvue.com/>) provides a full suite of services from test development to data management, and delivers exams through the world's most comprehensive and secure network of test centers in 165 countries.

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CIMdata PLM Industry Summary

Cortona3D Partners with Diginext to Deliver Cost-Effective 3D Publications to the French Market

22 July 2010

[Cortona3D](#) announced the completion of a reseller agreement with DIGINEXT (CS Group Company) to represent its products to the French aeronautical, defence, space, energy and transport markets. DIGINEXT specializes in providing products and integrated systems built on the extensive knowledge of their customers' needs and their expertise in modelling, simulation, interactive visualization, and training in critical context.

Cortona3D software enables manufacturers to provide more efficient and effective technical documentation – parts catalogs, technical manuals, operating procedures, work instructions and training materials without re-work. Cortona's Rapid family of tools is proven in use on projects run by Airbus and The European Space Agency amongst many others.

“Diginext has extensive experience in the area of Simulation and Virtual Reality for more than 15 years. We present to the Customer Services a complete offer of tools and methods from CAD data recovery to 3D light products delivery for Marketing, Training or Technical Data. We consider Cortona3D as the most efficient solution for fast and simple 3D production by non-specialists into a very technical and standardised world. We think that the Cortona3D experience and customer references guarantee the reliability of this technology choice for our Customers. It is also an excellent opportunity to reuse these 3D data for light training simulators.” said Georges Fisse, Simulation and Virtual Reality Director, Diginext.

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Matt Soucy Joins Surfware as VAR Channel Manager

21 July 2010

[Surfware, Inc.](#), developer of SURFCAM® CAD/CAM systems, announced that Matt Soucy has joined the firm as VAR Channel Manager for domestic and international markets.

Mr. Soucy has an extensive background in Value Added Reseller (VAR) channel management, Direct Sales and Product Management in both the domestic and international CAD/CAM software industry. This experience is combined with a comprehensive manufacturing background which includes positions in Management, Process Engineering, CAD/CAM Programming, CNC Machining and certification as a Journeyman Tool & Gage Maker.

“I am pleased to be part of the Surfware team and will be focused on continuing to increase sales and market share,” says Mr. Soucy. “Some of my primary goals in managing the established and successful SURFCAM VAR Channel will be to support and grow the channel network and sales worldwide. This is an exciting time for Surfware with the market leading TRUEMill technology and the ever evolving SURFCAM product line.

“We are excited to have Matt Soucy on board,” says Peter Marton, Vice President of Surfware. “Matt will help us strategically manage and expand our sales channel globally. Coupled with his experience in the CAD/CAM industry, and his manufacturing background, Matt is very well poised to bring us continued success in increasing SURFCAM sales.”

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Think3 Announces the Winner of the PDP Award Andrea Pininfarina Competition

19 July 2010

think3 Inc announced the results of its PDP Award Andrea Pininfarina competition which was open worldwide to product and transportation design students and faculty members. The competition was announced in November 2009 and the response was amazing with participation from various high profile institutes. Think3 finalized on key three projects: "An environment-friendly sports car" by NATS (Nihon Automobile College), The Ecohc-sh3- EV and The MAG Project.

The projects have been further evaluated and ranked by order by the jury board Mr. Paolo Pininfarina, President Pininfarina Spa, Umberto Cugini, Professor, Politecnico di Milano, Nevio Di Giusto, CEO, Research Center FIAT, Chris Bangle, Professional Designer, Renzo Trivero, Automotive Consultant and Contractor, Alain Massabo, VP Advanced R&D think3, Stefano Cinti Luciani, VP Program Management, think3, Davide Ciarlioni, Program Manager Senior, think3 and Silvano Joly, VP Worldwide Marketing, think3.

The winner of the competition is NATS, a college specialized to the study of mechanical engineering of automobile and motorcycle in Japan. The design project was completed on ThinkDesign the 3D software from think3. The key team members involved in the project are Ryuto Watanabe, Keita Yashiro, Yoshiyuki Tanigawa, Daisuke Kitagawa, Junya Kimura, with Mr. Watanabe being the Leader for the NATS project. The concept of this project is "An environment-friendly sports car." It's an Electric Vehicle with good amount of styling work done on the car. Inside a box-shaped frame battery would be set. For a first model, lead battery is adopted; this makes the size of box-shaped frame bigger than when lithium-ion battery is installed. In future the size of frame could be minimized. In consideration of actual manufacture, steel will be used to make the frame. In order to optimize design, FEA will be used. The box-shaped frame would provide rigidity for security of passengers. Overall NATS has worked on the complete PDP process while designing the car and covers the criteria for mass production and have been announced the winner of the PDP Award Pininfarina competition.

The 2nd ranking goes to The Ecohc-sh3-EV Project by a multifunctional group of students from Mexican ITESM (Instituto Tecnológico Y De Estudios Superiores De Monterrey) Campus León, the project is completed with the contribution from key team members Salvador Reynoso Ortiz, Adriana Ojeda Villegas, Jasiel Esau López Muñoz, Manuela Paulina Trejo Ramirez, Ricardo Moncada Palafox and Juan Francisco Hernandez Arrona. The Ecohc-sh3-EV is designed for senior citizens with physical disabilities which include orthopedic, neuromuscular, cardiovascular and pulmonary disorders that prevent them from performing everyday activities, such as going to the supermarket, or visiting their doctor at the hospital, etc.

The 3rd ranking goes to The MAG a Green Innovative Project by Samuel Cortes, a student from Universidad Autonoma de Colombia. The MAG CAR has innovations such as Solar Panels and Magnetic Security Technology. The panels has been designed in a secure place and it has high solar absorption; the security is magnetic front shield and spoiler, MAG besides being a hybrid car that runs on gasoline and solar power, would be the first car that develops technology for superconducting magnetic security. Samuel has a great passion towards design and has been finalist in the International Bicycle Design Competition IBDC in Taiwan for his project TRICI.

"This award that is dedicated to my brother makes both the Family and the Pininfarina Company proud" - comments Paolo Pininfarina - since it brings the figure of Andrea to young students, who will one day be the designers and the entrepreneurs of the future. All the designs presented show both creativity and

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innovation, but we're pleased that the winner is that of an electric sports car, Pininfarina is very interested to these types of vehicles, as the recently launched research prototype Nido EV" confirms.

"We are pleased to announce NATS as the winner of the PDP Award Andrea Pininfarina competition and the successful completion of these projects being worked on ThinkDesign" states Mr. Silvano Joly, Executive VP Marketing. He further adds "The competition was launched to celebrate our 30th Anniversary and to honour the great business leader of Turin Late Mr. Andrea Pininfarina. We are thrilled with the response we got from the product and transportation design students and we hope to conduct more such events to educate and generate awareness among the Design community".

The award consists of a week long training session in Europe. NATS team will visit the sites of industry leaders such as the R&D centers of think3 in Italy and France and have the opportunity to increase product development skills and knowledge. NATS will also be able to visit the Pininfarina Collection at Cambiano (Turin) for a journey through company history from 1930 to the present day, meeting personally Eng. Paolo Pininfarina, Ad Honorem Chairman of Judges.

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Zuken Supports Next Generation of Automotive Engineers – Sponsoring Formula Student Team

20 July 2010

Zuken is supporting the automotive engineers of tomorrow by donating a license of their advanced [cable design](#) and [formboard creation](#) software from the [E³.series](#) electrical software suite, to the Formula Student team at the University of Applied Sciences in Esslingen, Germany.

Formula Student challenges university students to design, build, develop, market and compete as a team with a small single seater racing car. The team "Rennstall Esslingen" at Esslingen University is currently ranked world number 24, and in 2010 is fighting to move up this list. Previously the electrical engineers had not worked with a professional engineering environment for their electrical CAD, but as their race car began to incorporate more electrical components and systems, with additional sensors, etc., they identified that a specialized CAD package was essential. The team asked Zuken for their support, knowing that they work with some of the world's major automotive and motorsport companies.

Timo Fix, wiring systems team leader of the Esslinger team comments, "With the support of Zuken, we have been able to make a revolutionary leap forward with our 2010 car. They have not only donated their leading software to us, but also given us full training to allow us to use it to its full potential."

The project is designed to be as close to actual market conditions as possible, demanding that the students follow the same design justification and business planning as a commercial race team. For the purpose of the competition, the students assume that a manufacturing firm has engaged them to produce a prototype car for evaluation. The intended sales market is the non-professional weekend racer so the car must have very high performance in terms of its acceleration, braking, and handling qualities. At the same time, it must be low in cost, easy to maintain, and reliable. In addition, the car's marketability is enhanced by other factors such as aesthetics, safety and use of common parts. The challenge to the team is to design and fabricate a prototype car that best meets these objectives. They then enter races locally and internationally to compete for a place in the world ranking.

Zuken is also one of the platinum sponsors of the team.

For real time updates visit the team's website at www.rennstall-esslingen.de.

To find out more about Zuken's E³.series electrical software suite visit www.zuken.com/e3.series.

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Events News

Cimatron Customer Presents: How to Make Dies Faster, Cheaper and Better

20 July 2010

Cimatron Limited announced it will sponsor a live webinar hosted by MetalForming Magazine on July 22, for die makers looking to increase efficiency, cut costs and be more competitive. Registration is at <http://www.cimatrontech.com>.

Rezmin Tool and Die recently achieved a 25-30% more efficient process, a 30% reduction in costs, as well as improved quoting and better quality products, after implementing organizational changes to its operations. In a live webinar, Rezmin's Co-Owner, Zelko Rezler, will explain how this was done, providing real-life, practical advice for die makers.

Rezmin - based in Ontario, Canada - is a producer of long-lasting, high quality progressive and transfer dies, catering primarily to tier-one automotive suppliers. Founded in 1996, Rezmin recently evaluated its processes in an attempt to offer its high quality products at more competitive prices, with shorter delivery times.

Changes to Rezmin's processes included implementation of faster, more accurate quoting, moving to 3D design, machining using 4 and 5 Axis machines, and modifying the NC programming process. CimatronE's integrated CAD/CAM solution for die making played a big part in streamlining these changes, which eventually led to a dramatic increase in the efficiency of Rezmin's tool shop.

To learn more and register for the online seminar, log on to <http://www.cimatrontech.com>. The live webinar will take place on July 22nd, but visitors to the site will be able to view it at any time.

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Delcam CRISPIN to Show First Integrated 3D CAD System for Footwear

19 July 2010

[Delcam](#) CRISPIN will preview its new ShoeMaker computer-aided design software for footwear at the WSA (World Shoes & Accessories) exhibition to be held in Las Vegas from 9th to 11th August. The new software is believed to be the first program to integrate the 3D design of uppers and soles, so allowing the complete shoe to be developed and visualised in a single system. This will be particularly advantageous for companies making sports shoes and other designs that include complex soles.

ShoeMaker offers a very easy-to-learn interface, making it ideal for concept designers that might come from an artistic background rather than an engineering education. All of the icons feature specific footwear imagery, making the software very intuitive to use. However, ShoeMaker has the full power of Delcam's PowerSHAPE CAD system in the background, allowing the most complex design challenges to be tackled successfully by experienced users.

The design process is made both faster and easier by the large library of data supplied with the software. This includes ranges of materials of different types and colours, plus accessories including eyelets,

CIMdata PLM Industry Summary

buckles and zips. Users can add their own materials and accessories to the libraries, and so develop a dedicated database for all the company's designers to access.

Having the complete design within a single model is particularly beneficial when it comes to grading the initial design for the range of sizes to be produced. Since all the components are contained in a single file, grading can be done in a single operation. It is much more difficult to match the elements if the last, upper and sole are graded separately. The results will be more aesthetically pleasing as it will be possible to match the feature lines within the design. More consistent grading also improves accuracy during assembly and, therefore, the durability of the shoe.

The other advantage of being based on PowerSHAPE is that the resulting designs are produced in an industry-standard solid-model format and so can be passed easily to other programs, for example for high-level rendering of images. Most other design systems for footwear use triangle-based file formats, which can be more difficult to read into other systems. They can also have problems in representing highly-curved surfaces accurately, which can become faceted.

ShoeMaker is very flexible in the ways that designs can be created within the software. As well as applying the programs own tools, a Wacom screen can be used for sketching designs into the system. Alternatively, hand sketches or images from Adobe Illustrator can be read into the software and wrapped onto a last to create the 3D representation.

The resulting designs can be used to give both very realistic images and true engineering data. There is no need to remodel the designer's concepts to produce information for downstream manufacturers. Of course, ShoeMaker is fully compatible with the complete range of Delcam CRISPIN software for 2D and 3D manufacturing, including the programs for costing, material cutting, mouldmaking and inspection. A single file can be used for each complete project, from initial concept design through to mass production. This makes data management and project planning much simpler.

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Delcam to Show Metrology Range at GTMA Event

19 July 2010

Delcam will demonstrate its complete range of metrology software, including the latest version of its PowerINSPECT inspection software, at the GTMA's Make Measurement Matter event to be held at Warwick University's Digital Lab on 15th September. In addition to PowerINSPECT Delcam offers programs to confirm the accuracy of machine tool set-ups, electronic fixturing systems to ensure CAM programs are aligned correctly with the part to be machined, and On-Machine Verification software to enable part accuracy to be checked before it leaves the machine.

PowerINSPECT combines the ability to work with all types of inspection device, including conventional CMMs, portable arms and optical devices, with a comprehensive range of routines for making simple measurements, for inspecting geometric features and for checking complex surfaces. The resulting reports present detailed information in easy-to-read formats that can be understood by all engineers, not just inspection specialists. The new release incorporates automatic surface inspection and the ability to use GD&T data from CATIA models, plus improvements to the handling of point cloud data and changes to the interface to make the software even easier to use.

Two recent options for PowerINSPECT will also be on show. PowerINSPECT PartAligner can be used with portable inspection equipment to simplify set-up operations for machine tools. It offers automated

CIMdata PLM Industry Summary

position compensation using an independent measuring device. Typically, this will be an inspection arm for medium-sized components or an optical device for very large parts or tooling. The measured position is then compared with the datum used in the CAM system to program the component. The results can be used to update a project in Delcam's PowerMILL CAM system by adjusting the datum position and orientation. Alternatively the data can be applied directly to change the offsets in the machine-tool control.

PowerINSPECT Tubing makes it easier to inspect pipework and tubing, especially when these items are part of a larger assembly. Specialist software is available for tubing inspection but this generally doesn't allow the measurement of other types of geometry, so two different and potentially incompatible systems may be required. PowerINSPECT Tubing allows the inspection of pipe geometry together with other components using a single software program on a wide range of devices.

NC-Checker is another recent addition to [Delcam](#)'s family of metrology software. This allows companies to undertake in-process verification of the performance of a wide range of commonly-used machine tools. It provides a quick and easy way to confirm the accuracy of the machine with standard probing equipment. NC-Checker can be used before machining starts to confirm that the equipment has been set up correctly and then applied during the production run to detect any movements out of tolerance that might have been caused, for example, by wear or temperature changes.

The final option, NC-PartLocator, is similar to PartAligner in that it gives the ability to adjust toolpaths to the actual position of the part, rather than having to ensure that the piece is in exactly the nominal location specified in the CAM system. However, it uses a probe in the machine tool to collect the data rather than a separate device. The benefits are similar in that adjustments can be made in the machine tool control much more quickly and easily than placing, and holding, the part in exactly the specified position, especially when producing large or heavy components. The same probe can be used to inspect the finished part using the PowerINSPECT option for On-Machine Verification.

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EMC Live Webcast: Document Management on a Budget

July 2010

Wednesday, August 4, 2010

8:00 am PT / 11:00 am ET / 16:00 BST

Find out how your department or small- to mid-sized organization can overcome the challenges of managing paper documents and records

Instant document management enables you to:

- Cut costs by capturing paper-based content into electronic images
- Increase efficiency by automating paper-based processes
- Reduce risk by retaining vital business information according to policy
- Improve accessibility by making information easy to find and share, to minimize the inefficiencies of search

[Register](#) now

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JT Open International Conference Registration is Now Open

July 2010

JT Open International Conference

September 12 – 14 Orlando, Florida

[Register Now](#)

This conference is for all JT Open Program members and anyone interested in JT technology. Participants will have the opportunity to learn about innovative concepts realized through the deployment of JT technology. This conference brings together top experts and advanced practitioners to discuss how they are building a successful global PLM capability using JT technology

To be on the cutting edge of the latest trends in global innovation and the use of JT, this is the place to be. [more](#)

Conference Highlights

Industry executive and industry analyst keynotes

Data visualization and interoperability use case sessions

State of the technology from advanced practitioners in research and academia

Practical application from JT Open corporate members

VIP evening events at Disney's Epcot Center including private dinner, VIP entry for Spaceship Earth, and waterside viewing of Disney IllumiNation light show

Here is the [JT Open International Conference Preliminary Agenda](#)

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Lectra Showcases Fashion Innovations at Intermoda in Mexico

20 July 2010

Lectra announced its plans to illustrate its partnership with X-Rite/Pantone at Intermoda July 20 - 23 in Guadalajara, Mexico. Together, the companies will demonstrate how the direct integration of X-Rite/Pantone's technologies into Lectra's fashion solutions will create a seamless workflow and consistent color communication across in-house team members, subcontractors and professional partners around the world. The four day **International Fashion Exhibition (Intermoda)** will bring together over 19,000 people in the fashion industry from Mexico, Argentina, Colombia, Spain, Peru, Chile, USA, and India.

"Color is critical in design. But, without specific instruction or reference, color evaluation and validation can be an expensive process," according to Roy Shurling, President of [Lectra](#) North America. "The integration of Lectra and X-Rite/Pantone technologies provides companies a seamless solution to enhance the accuracy and speed of color communication, while staying true to an original design concept. Mexico has many leading fashion companies and with a move towards building strong brand identity, we are pleased to demonstrate our global partnership with X-Rite/Pantone during Intermoda

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and offer a seamless color management and communication solution to those fashion companies."

Featuring Kaledo® V2R2, the latest version of Lectra's professional textile and fashion design software, Lectra will demonstrate how design and development teams can benefit from the partnership via a direct connection with X-Rite's ColorMunki™, which reads colors from physical samples directly into Kaledo modules and allows access to the full range of PANTONE® FASHION + HOME color references, ultimately creating a seamless workflow for capturing, managing and communicating color.

At **Lectra Stand (4102-4104-4106-5102-5105-5107)**, the company will also present its industry-standard edge pattern and marker-making solutions, Modaris® and Diamino®, which allow for the creation, development, verification, industrialization and grading of patterns faster, at lower costs and with flawless quality, while automatically generating markers that respect all fabric and garment constraints from the simplest to the most complex shapes. Completing the CAD development process, Lectra will demonstrate its high performance range of Alys® inkjet plotters that print patterns and markers quickly and accurately.

Additionally, Lectra will showcase its ProSpin® Fashion, a perfect solution for cutting prototypes and samples. Modular and user-friendly, the ProSpin Fashion ensures a high cutting speed and guaranteed cut quality via an oscillating blade to meet demands regardless of fabric type or pattern pieces to be cut.

About X-Rite

[X-Rite](#) which now includes color industry leader Pantone, develops, manufactures, markets and supports color solutions through measurement systems, software, color standards and services. X-Rite's expertise in inspiring, selecting, measuring, formulating, communicating and matching color helps users get color right the first time and every time, which translates to better quality and reduced costs. X-Rite serves a range of industries, including printing, packaging, photography, graphic design, video, automotive, paints, plastics, textiles, dental and medical.

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solidThinking to Demonstrate New Software Capabilities to Product Designers at IDSA International Conference, Aug. 4-7 in Portland, Oregon

23 July 2010

solidThinking, Inc. (<http://www.solidThinking.com>) will preview the capabilities of its upcoming software releases at the 2010 Industrial Design Society of America (IDSA) International Conference to be held Aug. 4-7. The conference (<http://idsadiy2010.org/>) will focus on the effects of "DIY Design" and will be held at the Hilton Portland & Executive Tower in Portland, Ore. solidThinking product specialists will offer live software demonstrations at conference booth No. 7.

The company's next software releases for solidThinking and solidThinking Inspired will focus primarily on delivering solutions based on user feedback and designed to create a more intuitive user environment. The new releases reflect solidThinking's mission to consistently improve product designers' ability to explore new design directions. In addition, solidThinking Inspired will offer new flexible features and enhanced computational tools to help enrich and accelerate the product design and development process. The software will be available in the fall of 2010.

"The IDSA International Conference is a venue for design community members to exchange ideas and insights on the future of industrial design, and provides the perfect opportunity for solidThinking to preview its coming software capabilities," said Alex Mazzardo, vice president of product strategy and

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marketing for solidThinking. "Our approach to software development reflects the goal of the conference, as we leverage valuable feedback from our user community, target customers and industrial designers at large to constantly evolve our software to meet their current and future needs."

As product developers continue to streamline and accelerate product lifecycle management (PLM), solidThinking is compatible with leading design manufacturing and engineering software, encouraging improved computer-aided design (CAD) collaboration and productivity between industrial designers and engineers during product development. The NURBS-based software offers a variety of user-centric features, including conceptual 3D modeling, high-quality visualization tools and fast real-time rendering for design presentation. Its ConstructionTree™ technology allows designers to experiment with designs in real time without having to start from scratch when changing direction.

For more information about the IDSA International Conference, visit <http://idsadiy2010.org/>

To connect with solidThinking, visit:

solidThinking blog - <http://blogs.solidthinking.com/>

Facebook - <http://www.facebook.com/solidThinking>

Twitter - <http://www.twitter.com/solidThinking>

YouTube - <http://www.youtube.com/solidThinking>

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XEROX Leverages Aras Enterprise Open Source PLM for Global Product Development

21 July 2010

Aras® announced the on-demand availability of “**Enterprise Open Source PLM and Global Product Development at XEROX.**” In this recorded session, XEROX Office Products describes how it transformed worldwide product development processes with Aras, the enterprise open source PLM software suite.

RECORDED SESSION NOW AVAILABLE

Enterprise Open Source PLM and Global Product Development at XEROX On-Demand at <http://aras.com/plm/001139>

Since 2008, XEROX Office Products has utilized Aras’s advanced PLM technology to automate global engineering and supply chain processes and connect legacy systems, creating a comprehensive approach to cross-functional PLM, including new product development and introduction, RoHS and REACH environmental compliance, Design for Six Sigma, product analytics and more.

In this recently recorded session, viewers will learn:

- How XEROX installed Aras and was up in running a matter of days.
- How XEROX upgraded their highly customized Aras PLM implementation independently, in just 2 hours.
- How XEROX created a product development early warning solution using Aras that is leveraged across 10 sites worldwide.

XEROX Corporation is a \$22 billion global leader in business process and document management with

130,000 employees in 160 countries.

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Financial News

EMC Reports Record Second-Quarter Revenue; Quarterly Profit More than Doubles

21 July 2010

Second-Quarter Highlights

- Record second-quarter consolidated revenue up 24% year over year
- GAAP net income up 108% year over year
- Record second-quarter non-GAAP net income up 66% year over year
- All-time record year-to-date operating cash flow and free cash flow - Strong year-over-year increase in gross and operating margins

EMC Corporation reported record financial results for the second quarter of 2010. Consistently strong execution across the business and healthy customer demand across all geographies contributed to EMC achieving its third consecutive quarter of record revenue and reporting net income that more than doubled on a year-over-year basis.

For the second quarter, consolidated revenue was \$4.02 billion, an increase of 24% compared with the year-ago quarter; GAAP net income attributable to EMC increased 108% year over year to \$426 million; and GAAP diluted earnings per share were \$0.20, up 100% year over year. Non-GAAP(1) net income attributable to EMC for the second quarter was \$596 million, an increase of 66% compared with the year-ago quarter, and non-GAAP(1) earnings per diluted share were \$0.28, an increase of 56% year over year.

During the quarter, EMC expanded gross and operating margins substantially on a year-over-year basis. The company achieved all-time record year-to-date operating cash flow and free cash flow of \$2.1 billion and \$1.6 billion, which grew 44% and 47%, respectively, compared with the year-ago period. The company completed the quarter with \$10.3 billion in cash and investments.

Joe Tucci, EMC Chairman and Chief Executive Officer, said, "The strength and demand that we saw during the quarter is testament to the value our customers see in our information infrastructure and virtual infrastructure solutions and the massive opportunity before us. The IT industry is in the midst of a major transformation to cloud computing and, ultimately, to a more agile way to consume and deliver IT. Never in our history have we had a stronger team, more compelling vision, or more innovative set of technologies, services, and partnerships. As a result, EMC is in an excellent position to lead this dramatic shift in IT and provide our customers with a clear path forward on their journey to the cloud."

David Goulden, EMC Executive Vice President and Chief Financial Officer, said, "For the second consecutive quarter, EMC once again turned a 'triple play' by gaining market share while investing for the future and increasing profitability. With this, we also expanded gross and operating margins and generated all-time record year-to-date operating and free cash flow. Moving forward, we remain confident that we have the right business and operating model to continue delivering annual double-digit revenue and earnings growth over the long term."

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Second-Quarter Highlights

Second-quarter revenue highlights included strong customer demand and double-digit revenue growth for the market-leading high-end EMC Symmetrix storage product portfolio, which increased 32% compared with the year-ago quarter, and EMC's mid-tier storage product portfolio(2), which grew revenue 33% year over year. Within EMC's fast-growing Backup and Recovery Systems Division (BRS), the combined second-quarter revenue run rate for EMC Data Domain and Avamar backup solutions exceeded the billion-dollar revenue run rate the company reported in the first quarter of 2010. VMware (NYSE:VMW), which is majority-owned by EMC, contributed second-quarter revenue of \$673 million, increasing 48% compared with the year-ago quarter. Additional second-quarter highlights included strong customer demand for EMC's RSA information security solutions, which grew revenue 18% year over year, and the company's broad portfolio of consulting and professional services.

EMC consolidated second-quarter revenue from the United States reached \$2.1 billion, an increase of 28% year over year, representing 53% of consolidated second-quarter revenue. Revenue from EMC's business operations outside of the United States reached \$1.9 billion, an increase of 19% year over year, representing 47% of consolidated second-quarter revenue. Within this, revenue increased 18%, 20% and 22% year over year, respectively, in EMC's Europe, Middle East and Africa (EMEA); Asia Pacific and Japan (APJ); and Latin America regions.

Business Outlook

The following statements are based on current expectations. These statements are forward-looking, and actual results may differ materially. These statements do not give effect to the potential impact of mergers, acquisitions, divestitures or business combinations that may be announced or closed after the date hereof. These statements supersede all prior statements regarding 2010 financial results set forth in prior EMC news releases.

All dollar amounts and percentages set forth below should be considered to be approximations.

The following statements regarding 2010 financial results have been revised from the statements disclosed by EMC on April 21, 2010:

- For 2010, EMC expects to exceed its previous outlook of \$16.5 billion in revenue, \$0.84 in consolidated GAAP diluted earnings per share, and \$1.18 in consolidated non-GAAP diluted earnings per share, which excludes the impact of restructuring and acquisition-related charges, stock-based compensation expense, and intangible asset amortization.

- For 2010, consolidated restructuring and acquisition-related charges, stock-based compensation expense, and intangible asset amortization are expected to be \$0.02, \$0.23 and \$0.09 per diluted share, respectively.

- 2010 GAAP and non-GAAP research and development ("R&D") expense is

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expected to increase between 18% and 19% over 2009. Excluded from the increase in non-GAAP R&D expense is stock-based compensation expense of \$46 million and intangible asset amortization of \$10 million.

- GAAP operating income is expected to be 14% to 15% of revenues for 2010, and non-GAAP operating income is expected to be 20% to 21% of revenues for 2010. Excluded from non-GAAP operating income are restructuring and acquisition-related charges, stock-based compensation expense, and intangible asset amortization, which account for less than 1%, 4% and less than 2% of revenues, respectively.
- The consolidated GAAP income tax rate is expected to be 19% for 2010. Excluding the impact of restructuring and acquisition-related charges, stock-based compensation expense, and intangible asset amortization, which collectively impact the tax rate by 2%, the consolidated non-GAAP income tax rate is expected to be 21% for 2010. The expected annual GAAP and non-GAAP income tax rates assume that the U.S. research and development tax credit will be re-enacted in 2010.

The following statements regarding 2010 financial results remain unchanged from the statements disclosed by EMC on April 21, 2010:

- Transition costs to a more efficient cost structure are expected to be \$50 million in 2010.
- Total non-operating expense, which includes investment income, interest expense, and other expense, is expected to be \$90 million in 2010.
- EMC expects to repurchase up to \$1.0 billion of the company's common stock.

Supporting Resources

- EMC will host its second-quarter 2010 earnings conference call today

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at 8:30 a.m. ET, which will be available on EMC's web site at

<http://www.emc.com/about/investor-relations/index.htm>

-- Additional information regarding EMC's financials, as well as a webcast of the conference call, will be available at 8:30 a.m. ET at

<http://www.emc.com/about/investor-relations/index.htm>

-- Visit <http://ir.vmware.com/> for more information about VMware's second-quarter financial results.

(1) Items excluded from the non-GAAP results are restructuring and acquisition-related charges, stock-based compensation expense and intangible amortization for the second quarter of 2010, and restructuring and other special charges, stock-based compensation expense and intangible amortization for the second quarter of 2009. See attached schedules for reconciliation of GAAP to non-GAAP.

(2) Mid-tier platform products include hardware and software products from EMC CLARiiON, EMC Celerra, EMC Centera, EMC Data Domain, EMC Avamar and EMC Atmos.

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Geometric Declares Revenues of Rs. 1,354.50 Mn; an Increase of 6.5% Q-o-Q

23 July 2010

[Geometric Ltd.](#) announced its Q1 FY 2010-2011 financial results.

- Highlights for quarter ended June 30, 2010
- Revenues in dollar terms stood at USD 29.59 Mn; up 6.3% sequentially and 11.2% Y-o-Y
- US Engineering Services business achieved breakeven as against a loss in the last quarter and for FY10
- Improved productivity and utilization rates from 87.6% in Q1FY10 to 89.5% in the current quarter
- New business of USD 9.22 Mn
- Added nine new customers this quarter
- Added 425 new associates in the quarter
- Opened a sales office in Sweden for tapping the growth potential of the Nordics region
- Plans for commencing operations from our first SEZ facility in Bangalore
- An EPS of Rs. 1.70

Geometric declared operating revenues of Rs. 1,354.50 Mn this quarter, a rise of 6.5% from the previous quarter revenues of Rs. 1271.71 Mn; and a 4.7% rise from revenues of Rs. 1293.23 Mn in the same quarter last year. The company declared a profit after tax of Rs. 105.85 Mn as compared to Rs. 83.48 Mn in the same quarter last year, a Y-o-Y rise of 26.8%.

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Announcing the results, Mr. Ravishankar G., Managing Director & CEO said, “The revenues and order pipeline as seen in this quarter gives an optimistic outlook for the year, though we expect the markets to continue to be volatile.

Our US engineering services business, which was significantly impacted due to the slowdown in the automotive sector, has achieved breakeven this quarter. Efforts in reorganization, and increased offshore leverage has made a positive impact on the business, and going forward, we see this business playing a critical role in increasing the overall Geometric portfolio. Compared to last quarter, our profits for the quarter have declined, but this was an expected drop due to salary hikes given this quarter as a part of the annual appraisal cycle, and additional provisions on account of change in gratuity laws.”

With the manufacturing sector showing indications of a recovery, Geometric has strengthened its sales efforts, by augmenting its sales and relationship management teams in the US. It has also augmented its European sales team to cater to the Nordics and DACH region (Germany, Austria and Switzerland). It also strengthened its global automotive vertical, a key vertical, with appointment of Joseph Sahiouni, an

At the end of the quarter, the company had an employee base of 3,144.

Business Highlights

The Company added nine new customers during Q1, and at the end of the quarter, it had 108 active customers, including 18 customers with million dollar plus revenues.

Some of the significant wins this quarter include:

- An engineering services contract for packaging design for a leading auto OEM in USA
- A product data management support engagement for a leading automotive company in US
- An engineering services engagement for BIW and chassis design for a leading auto OEM in US
- A product engineering contract for a leading tire manufacturer in US
- A tear-down operation support and supplier collaboration support contract for a leading Off-highway equipment manufacturer in US
- A PLM product implementation support contract in Europe
- A product development engagement with a leading machine tool manufacturer in Japan
- A PLM maintenance and support contract for an hi-tech manufacturer in APAC
- Interoperability and CAA support contract for a leading Asian auto major

Other important business highlights for the quarter include:

Projected as one of the [five fastest growing CAM vendors in 2010](#) by CIMdata

Release of [CAMWorks 2010](#)

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IBM Reports 2010 Second-Quarter Results

19 July 2010

- Diluted earnings per share of \$2.61, up 13 percent;
- 30 consecutive quarters of EPS growth, 12 of last 14 at double digits;
- Full-year 2010 EPS expectations raised to at least \$11.25;
- Net income of \$3.4 billion, up 9 percent;
- Pre-tax income of \$4.6 billion, up 7 percent;
- Pre-tax margin of 19.3 percent, up 1 point;
- Revenue of \$23.7 billion, up 2 percent, as reported and adjusting for currency;
- Growth markets revenue up 14 percent; first-half revenue as large as total Euro zone revenue;
- BRIC countries revenue up 22 percent;
- Business Analytics revenue up 14 percent;
- Software revenue up 2 percent, 6 percent excluding divested PLM operations;
- Systems and Technology revenue up 3 percent;
- Services revenue up 2 percent;
- Services backlog of \$129 billion, up \$1 billion, adjusting for currency

IBM announced second-quarter 2010 diluted earnings of \$2.61 per share compared with diluted earnings of \$2.32 per share in the second quarter of 2009, an increase of 13 percent.

Second-quarter net income was \$3.4 billion compared with \$3.1 billion in the second quarter of 2009, an increase of 9 percent. Total revenues for the second quarter of 2010 of \$23.7 billion increased 2 percent (2 percent, adjusting for currency) from the second quarter of 2009. The impact of changes in currency rates since IBM's first-quarter earnings report in April reduced revenue by approximately \$500 million in the second quarter.

"In the second quarter we again delivered double-digit earnings-per-share growth, increased margins, as well as improving constant-currency revenue performance in our ongoing software, services and hardware businesses, and in all geographies," said Samuel J. Palmisano, IBM chairman, president and chief executive officer.

"With the benefit of our strategic growth investments, our mix of higher-value business and the introduction of new System z and Power Systems, we are confident of our ability in the second half of the year to continue our strong business performance, grow profit and drive shareholder returns. As a result, we expect full-year 2010 diluted earnings per share of at least \$11.25."

From a geographic perspective, the Americas' second-quarter revenues were \$10.2 billion, an increase of 3 percent (2 percent, adjusting for currency) from the 2009 period. Revenues from Europe/Middle East/Africa were \$7.4 billion, down 6 percent (1 percent, adjusting for currency). Asia-Pacific revenues increased 9 percent (3 percent, adjusting for currency) to \$5.4 billion. OEM revenues were \$677 million, up 26 percent compared with the 2009 second quarter. Revenues from the company's growth markets

CIMdata PLM Industry Summary

organization increased 14 percent (9 percent, adjusting for currency) and represented 20 percent of IBM's total geographic revenue in the quarter. In the first half, revenue for the growth markets organization was as large as the total revenue of the Euro zone countries for the first time.

Total Global Services revenues increased 2 percent (1 percent, adjusting for currency). Global Technology Services segment revenues increased 1 percent (flat, adjusting for currency) to \$9.2 billion. Global Business Services segment revenues were up 3 percent (3 percent, adjusting for currency) at \$4.5 billion.

IBM signed services contracts totaling \$12.3 billion, at actual rates, a decrease of 12 percent (12 percent, adjusting for currency). In the quarter, 15 services contracts greater than \$100 million were signed compared with 13 contracts last quarter.

Total Outsourcing services (GTS Outsourcing and Application Management Outsourcing) signings decreased 19 percent (19 percent, adjusting for currency) to \$6.5 billion. Signings of larger new-business outsourcing services contracts, which result in more immediate revenue than contract extensions, had strong growth.

Signings in Transactional services (Consulting, Integrated Technology Services and Application Management Systems Integration) were \$5.8 billion, a decrease of 3 percent (3 percent, adjusting for currency).

The estimated services backlog at June 30 was \$129 billion at actual rates, down \$2 billion year over year (up \$1 billion, adjusting for currency).

Revenues from the Software segment were \$5.3 billion, an increase of 2 percent (2 percent, adjusting for currency), or 6 percent excluding the first-quarter divestiture of the Product Lifecycle Management operations (PLM), compared with the second quarter of 2009. Revenues from IBM's key middleware products, which include WebSphere, Information Management, Tivoli, Lotus and Rational products, were \$3.3 billion, an increase of 9 percent (10 percent, adjusting for currency) versus the second quarter of 2009. Operating systems revenues of \$544 million increased 3 percent (2 percent, adjusting for currency) compared with the prior-year quarter.

Revenues from the WebSphere family of software products, which delivers capabilities that enable clients to integrate and manage business processes across the organization, increased 17 percent year over year. Revenues from Information Management software, which enables clients to integrate, manage and use information to gain business value, increased 7 percent. Revenues from Tivoli software, which helps clients manage technology and business assets by providing visibility, control and automation across the organization, increased 18 percent, and revenues from Lotus software, which connects people and processes for more effective communication and increased productivity through collaboration, messaging and social networking software, decreased 6 percent. Revenues from Rational software, which supports software development for both IT and embedded system solutions, increased 1 percent.

Revenues from the company's Business Analytics operations within Global Business Services and Software increased 14 percent.

Revenues from the Systems and Technology segment totaled \$4.0 billion for the quarter, up 3 percent (4 percent, adjusting for currency) from the second quarter of 2009. Systems revenues increased 1 percent (2 percent, adjusting for currency). Revenues from the System x increased 30 percent. Revenues from Power Systems decreased 10 percent compared with the 2009 period. Revenues from System z mainframe server products decreased 24 percent compared with the year-ago period. Total delivery of

CIMdata PLM Industry Summary

System z computing power, as measured in MIPS (millions of instructions per second), decreased 14 percent. Revenues from System Storage increased 5 percent, and revenues from Retail Store Solutions increased 31 percent. Revenues from Microelectronics OEM increased 23 percent.

Global Financing segment revenues decreased 4 percent (5 percent, adjusting for currency) in the second quarter to \$544 million.

The company's total gross profit margin was 45.6 percent in the 2010 second quarter compared with 45.5 percent in the 2009 second-quarter period, led by improving margins in Software and Global Business Services.

Total expense and other income decreased 1 percent to \$6.2 billion compared with the prior-year period. SG&A expense of \$5.1 billion decreased 1 percent year over year compared with prior-year expense. RD&E expense of \$1.5 billion increased 3 percent compared with the year-ago period. Intellectual property and custom development income decreased to \$297 million compared with \$302 million a year ago. Other (income) and expense was income of \$95 million compared with prior-year income of \$28 million. Interest expense decreased to \$90 million compared with \$101 million in the prior year.

IBM's tax rate in the second-quarter 2010 was 26.0 percent compared with 27.2 percent in the second quarter of 2009.

The weighted-average number of diluted common shares outstanding in the second-quarter 2010 was 1.30 billion compared with 1.34 billion shares in the same period of 2009. As of June 30, 2010, there were 1.26 billion basic common shares outstanding.

Debt, including Global Financing, totaled \$26.7 billion, compared with \$26.1 billion at year-end 2009. From a management segment view, Global Financing debt totaled \$21.2 billion versus \$22.4 billion at year-end 2009, resulting in a debt-to-equity ratio of 7.1 to 1. Non-global financing debt totaled \$5.5 billion, an increase of \$1.7 billion since year-end 2009, resulting in a debt-to-capitalization ratio of 23.1 percent from 16.0 percent.

IBM ended the second-quarter 2010 with \$12.2 billion of cash on hand and generated free cash flow of \$3.0 billion, down approximately \$400 million year over year. Free cash flow for the first half of the year was \$4.4 billion, flat year over year. The company returned \$4.9 billion to shareholders through \$0.8 billion in dividends and \$4.1 billion of share repurchases. The balance sheet remains strong, and the company is well positioned to support its full-year objectives.

Year-To-Date 2010 Results

Net income for the six months ended June 30, 2010 was \$6.0 billion compared with \$5.4 billion in the year-ago period, an increase of 11 percent. Diluted earnings per share were \$4.57 compared with \$4.02 per diluted share for the 2009 period, an increase of 14 percent. Revenues for the six-month period totaled \$46.6 billion, an increase of 4 percent (1 percent, adjusting for currency) compared with \$45.0 billion for the six months of 2009.

Presentation of Information in this Press Release

In an effort to provide investors with additional information regarding the company's results as determined by generally accepted accounting principles (GAAP), the company has also disclosed in this press release the following non-GAAP information which management believes provides useful information to investors:

IBM Results —

CIMdata PLM Industry Summary

presenting non-global financing debt-to-capitalization ratio; adjusting for free cash flow; adjusting for currency (i.e., at constant currency); excluding divested PLM operations. The rationale for management's use of non-GAAP measures is included as part of the supplementary materials presented within the second-quarter earnings materials. These materials are available on the IBM investor relations Web site at <http://www.ibm.com/investor/> and are being included in Attachment II ("Non-GAAP Supplementary Materials") to the Form 8-K that includes this press release and is being submitted today to the SEC.

Conference Call and Webcast

IBM's regular quarterly earnings conference call is scheduled to begin at 4:30 p.m. EDT, today. Investors may participate by viewing the Webcast at <http://www.ibm.com/investor/2q10/>. Presentation charts will be available on the Web site shortly before the Webcast.

[IBM Financial Results](#)

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Strong Results from IFS in the Second Quarter

21 July 2010

Highlights:

Net revenue increased to SKr 655 million (Q2 '09: SKr 640 million)

License revenue increased to SKr 103 million (Q2 '09: SKr 86 million) up 26% adjusted for currency

Maintenance and support revenue was SKr 205 million (Q2 '09: SKr 193 million), up 10% adjusted for currency

EBIT was SKr 64 million (Q2 '09: SKr 33 million)

Cash flow after investments was SKr 92 million (Q2 '09: SKr 32 million)

Pipeline grew 12%

Amongst the deals achieved in quarter two was a world leader in project management/engineering for the oil and gas industry. The company has selected IFS as its new global enterprise applications system to support its growth and streamline its corporate processes in more than 20 countries; the contract value is in the range of € 10–15 million.

IFS helps customers standardize their global processes through our component-based software that easily supports multiple sites, multiple languages, multiple currencies, and multiple sets of accounting rules. Our message of being the intelligent choice for customers seeking quicker and better return on investment is being increasingly picked up in the market, Alastair Sorbie, IFS CEO said.

For more information on important customer wins, listen to the quarterly presentation or download it from this page: http://www.ifsworld.com/investor_relations/default.asp

IFS continues to search for acquisition opportunities, and improved cash-flow and earnings are strong enablers for this going forward. The company has not acquired companies in the second quarter but expect to do so within the year.

The outlook for the full year remains unchanged. IFS expects moderate growth excluding the effects of acquisitions.

Further information:

The report will be presented by CEO Alastair Sorbie today, Wednesday July 21, at 0930amCET. Listen to the presentation:

[http://www.financialhearings.com/hearing/financia1.nsf/\(recordednew\)/AFBE2756C1E36010C12576E9005F095A?OpenDocument](http://www.financialhearings.com/hearing/financia1.nsf/(recordednew)/AFBE2756C1E36010C12576E9005F095A?OpenDocument)

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Implementation Investments

Delcam Aids Medical CAD/CAM Pioneers in Russia

23 July 2010

One of the first medical organisations in Russia to realise the potential benefits of Delcam's CAD/CAM technologies was the Saint Petersburg Scientific and Practical Center of Medical and Social Expertise, Prosthetics and Rehabilitation of the Disabled. The Center, which is named after G.A. Albrecht of the Federal Agency on Health Care and Social Development, is a federal state institute that undertakes both scientific research and practical developments to tackle the problems of disability and the disabled.

The first contact between [Delcam](#) and Albrecht Center came in May 2008 at a conference organised jointly by Delcam's office in Saint Petersburg and the Saint Petersburg State University of Technology and Design. The conference described the implementation of CAD systems in the development of shoes, orthopaedic appliances and orthotics. The specialists from the Albrecht Center were impressed with the software demonstrations and showed great interest in using the Delcam systems.

Subsequently, Yuliya Golubeva, Head of the Department of Foot, Orthopaedic Footwear and Special Clothing for Disabled People, began working with Delcam's Saint Petersburg office to develop alternative methods for designing prosthetic and orthopaedic appliances. The first example was a process to create orthopaedic inserts for people missing part of their foot.

The main challenge was the complexity of the surface geometry but, by using PowerSHAPE and CopyCAD, the project was completed quite quickly and easily. The complete 3D model of an orthopaedic insert could be created. This fits the shape of the foot exactly in the contact regions, and allows a patient to wear ordinary shoes with comfort.

Over the following months, a range of projects was completed in association with the Albrecht Center to create a special catalogue of orthopaedic footwear and orthopaedic appliances. This catalogue contains all the information required covering the models available.

3D models of various designs of orthopaedic footwear were created for the catalogue using ShoeDesign, a part of the complete Delcam CRISPIN software range for the footwear industry. The benefits of the software were highly appreciated by podiatrists as it allowed them to perform the full range of operations for footwear design and manufacture, from development of an individual last and upper design to nesting and cutting, and managing the manufacturing process.

The collaboration between the Albrecht Center and Delcam St. Petersburg is now developing still further. The Center is continuing to use the Delcam software products for the design of prosthetic and orthopaedic appliances, while the management is also investigating the possible applications for DentCAD and DentMILL software within the Center.

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EADS PLM Harmonization Program on Track with PTC®

19 July 2010

PTC announced another major milestone in the strategic relationship between PTC and EADS with PHENIXCHANGE, the Windchill-based modular platform.

“On behalf of the PHENIX program team, we are pleased to announce that we have fulfilled a commitment to the group by providing a modular enterprise PLM platform”

EADS selected PTC as the sole provider for its PHENIX Master Product Definition backbone in 2008 as part of its enterprise Product Lifecycle Management solutions (PLM). Since then, EADS has been working in partnership with PTC to set up a harmonized PLM environment that is both flexible and efficient for its multiple businesses and well integrated with the other applications constituting the EADS PLM core solution. The Windchill-based enterprise PLM solution is now deployed on multiple programs throughout the group.

“On behalf of the PHENIX program team, we are pleased to announce that we have fulfilled a commitment to the group by providing a modular enterprise PLM platform,” said Jean-Yves Mondon, head of both the PHENIX program at EADS and the newly created PLM Harmonization Center. “This showed immediate as well as future value to the group and is mapped to key corporate initiatives at EADS.”

Sponsored by the executive committee of EADS, PHENIX is a cross-divisional program and a group-wide strategic initiative launched in 2007 to achieve harmonization of enterprise PLM methods, processes and tools between its business divisions.

The EADS PHENIX organization and PTC have partnered to innovate the way in which several EADS business processes are embedded with PTC PLM technology into modules. The result is PHENIXCHANGE, an approach based on a configurable modular technology platform to provide both the benefits of harmonized processes for the group and the efficiency and flexibility of COTS (Commercial-off-the-Shelf) PLM technology for its business divisions. Jim Broughton, head of the PHENIX Integration Committee, added, “It is an exceptional human and innovative experience.”

PHENIXCHANGE is a platform for supporting and maintaining PLM harmonisation and integration between the business divisions, for reduced time-to-market and for improvement of overall product quality.

“We are very pleased to demonstrate our technology leadership in enterprise PLM, our efficiency in execution and partnership spirit. Over the past year, the PHENIX program has matured into a full-fledged EADS-PTC partnership and is on track to deliver extensive value to EADS over the years,” said James E. Heppelmann, president and chief operating officer, PTC.

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Fujitsu Adopts Cadence Chip Planning Technology

20 July 2010

Cadence Design Systems, Inc. announced that Fujitsu Semiconductor Ltd. has adopted Cadence® chip

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planning technology for its design teams while incorporating the technology into its own Web site for customers. The technology giant adopted the [Cadence Chip Planning System](#) and [InCyte Chip Estimator](#) to improve and speed chip development. In addition, the two companies worked together to incorporate Cadence chip planning technology into Fujitsu's Japanese Web site so that ASIC users can easily explore the feasibility of ASIC design development.

“Our customers used to check design feasibility with us multiple times in the architectural planning stages, where design specifications were not yet fixed, and that was a significant burden for them,” said Kouichi Ohtsuki, general manager, ASIC and COT Division of the Advanced Products Business Unit at Fujitsu. “So we collaborated with Cadence, who has broad experience with chip planning technology, to create the interface to our Web-based, free chip estimation solution called GA-Estimator. By adopting the Cadence Chip Planning System and InCyte Chip Estimator, we have been able to develop a system that has an excellent user interface, and by using GA-Estimator, our customers can evaluate the feasibility real time on various designs.”

GA-Estimator enables Fujitsu customers to access 180-nanometer gate-array technology through Fujitsu's Web-based chip estimation solution. Customers can enter specifications and alter the variables so they can consider the tradeoffs before settling on a final design plan. Fujitsu will deploy the solution on its Japanese Web site.

Similarly, the Cadence Chip Planning System enables early and accurate IC estimation, allowing tradeoffs among chip size, power consumption, cost, and time to market. The Cadence InCyte Chip Estimator enables rapid architectural what-if analysis to optimize design specifications. Users can reduce chip size, power, and cost without sacrificing performance.

“Our chip planning technology can help customers grow their business and narrow the profitability gap through a cost-effective path to Silicon Realization,” said Adam Traidman, general manager of the Chip Planning Solutions group at Cadence. “Fujitsu recognizes the benefits of smart chip planning, and is now passing these capabilities along to its customers.”

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Fujitsu Adopts Cadence Encounter Conformal ECO Designer

22 July 2010

Cadence Design Systems, Inc. announced that Fujitsu Limited has adopted the Cadence® Encounter® Conformal® ECO Designer to cut costs and reduce design time in its engineering change order (ECO) implementation flow. The technology giant recently deployed the Cadence technology to tape out a network-control large-scale integration design of 40 million gates at a 65-nanometer process.

“We are very pleased with our recent success using the Encounter Conformal ECO Designer,” said Takeo Asakawa, General Manager, LSI Development Div, in the Next Generation Technical Computing Unit of Fujitsu. “We had to implement several ECOs, some of them with 4,000 instances and they were very complex. I have no doubt the technology saved us significant time and resources.”

Encounter Conformal ECO Designer can play a significant role in speeding time to market and boosting design quality for companies seeking to narrow the productivity and profitability gaps outlined in the EDA360 vision. The software helps design teams implement RTL ECOs for pre- and post-mask layout. It combines automatic ECO analysis and design netlist modification with world-class equivalence checking to boost performance and productivity. This unique technology combines logic equivalence

checking with functional ECO analysis and generation, design netlist modification, clock domain synchronization, and semantics checks.

By using Encounter Conformal ECO Designer Fujitsu was able to start implementation before functional verification was completed, cutting total development time by months. Even engineers not familiar with logic design can tackle ECOs to implement late-stage changes needed to improve design quality prior to manufacturing.

“Fujitsu’s recent success with the Encounter Conformal ECO Designer is a good example of the time-to-market and quality benefits that the right technology can bring to the path toward Silicon Realization,” said Basilios Petrakis, director of product management at Cadence. “Like many of our other customers, Fujitsu was able to exploit this technology to give itself a competitive boost.”

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General Motors Renews \$2 Billion HP Enterprise Services Agreement Supporting Vehicle Design and Production

21 July 2010

HP Enterprise Services announced it has been awarded a multiyear applications and infrastructure services contract valued at more than \$2 billion to help General Motors Company maintain focus on its business goals in a highly competitive market.

Under the terms of the agreement, HP will manage GM’s technology infrastructure with a focus on providing an enhanced and continuously improving world-class end-user experience – from manufacturing plants to the boardroom. HP will provide network, workplace, mainframe management, applications and systems integration services for GM’s global operations, including OnStar.

The new agreement covers a significant portion of HP’s existing work with GM. It also renews the contract one year early and extends the two companies’ 25-year relationship.

“GM’s innovative business and in-vehicle technology strategy requires collaborative, cost-effective approaches so we can provide even better service to our customers as we design, build and sell the world’s best cars and trucks,” said Terry Kline, vice president, IT, and chief information officer, GM. “HP has been one of our most long-term, reliable partners with a team that has the expertise and creativity to help us quickly and successfully complete new phases of our business strategy.”

HP will provide applications and infrastructure management services in support of tens of thousands of desktop PCs and mobile devices as well as GM’s manufacturing and supply chain operations. Services include:

- Providing [applications development](#) and [management](#) services for product development, manufacturing, business services, supply chain, OnStar and more.
- Integrating a converged infrastructure and overall technology roadmap that supports GM’s multisupplier technology environment.
- Providing [managed mainframe services](#) for GM’s major business systems, including financial transactions and supply chain.
- Delivering HP global [service desk and site support services](#) in more than 50 countries and languages.

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- Providing total remote network management for data, network security and videoconferencing services.

HP Agility Alliance partners, including Microsoft and PricewaterhouseCoopers, will provide additional tools, technologies and resources to HP in support of GM.

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GlaxoSmithKline, AstraZeneca and other Pharmaceutical Leaders Reduce R&D Time and Costs Using AspenTech's Software

19 July 2010

[Aspen Technology, Inc.](#) announced that GlaxoSmithKline, AstraZeneca and other pharmaceutical industry leaders are reducing their research and development time and costs using newly patented technology that is part of AspenTech's aspenONE Process Development for Pharmaceuticals software.

- The solubility modeling technology – developed in collaboration with pharmaceutical companies – provides “Quality by Design” (QbD) capabilities that help manufacturers comply with the latest industry regulatory initiatives.
- Using the aspenONE software, GSK is able to thoroughly understand the solubility properties of new chemical entities (NCE) to assess more quickly risks and improve confidence during the development of new pharmaceuticals. As part of the [aspenONE® for Pharmaceuticals](#) suite, drug companies can also ensure a highly repeatable manufacturing process.
- This simulation modeling technology optimizes crystallization design workflow by allowing pharmaceutical companies to:
 - Save time and money. By quickly evaluating the solubility properties of a NCE, laboratories can focus precious experimentation efforts in areas that have a high likelihood of success based on the simulation results. Drug solubility is a critical factor in determining efficient manufacturing processes for a candidate drug.
 - Conduct clinical trials earlier. Begin process development activities sooner using the predictive modeling capabilities of the software to quickly design optimized manufacturing and purification processes.
 - Reduce cost of goods and supply disruptions. Enable informed design of the final Active Pharmaceutical Ingredient (API) manufacturing processes so they are optimized to produce less waste and higher yield.
- AspenTech received the patent for creating a nonrandom two-liquid segment activity coefficient (NRTL-SAC) model that provides a simple yet scientific basis to predict drug solubility. This is the latest of dozens of patents issued to AspenTech for innovative solutions in process optimization.

Supporting Quotes:

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Stephen Carino, Investigator – Solid Form Sciences Group, GlaxoSmithKline

“Screening for crystalline forms is an essential component in pharmaceutical drug development. In our high-throughput screening workflow, we have utilized NRTL-SAC in Aspen Properties to predict the equilibrium solubility of the drug in single- and multi-component solvent systems. The predicted solubility values are used in selecting an appropriate set of solvent systems that are explicitly unique for each of the crystallization modes. This rational solvent selection coupled with the systematic screening approach has allowed us to assess risk around solid forms and improve our confidence in the robustness of the API processes.”

Jamie Hintlian, Vice President of Pharmaceuticals, Aspen Technology, Inc.

“Solubility is essential in evaluating drug candidacy and manufacturability. Without predictive tools, many organizations are forced to fly blind when it comes to this mission-critical information. Solubility modeling and prediction adds value by enabling greater efficiencies, better decision making, faster process development, and better process performance. For the pharmaceutical industry leaders involved in its development, and other potential users, this is a powerful screening protocol for the drug development process.”

Supporting Resources:

- [aspenONE for Pharmaceuticals](#)
- [aspenONE Customer Testimonials](#)
- [USPTO – NRTL-SAC Patent Approval](#)



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Hitachi Achieves 10,000 Times Performance Boost Using Cadence Technology to Verify Complex Design

19 July 2010

Cadence Design Systems, Inc. announced that electronics giant Hitachi, Ltd. established a complex and high-quality functional verification environment with a 10,000 times performance boost by using Cadence® high-level synthesis and functional verification technologies and methodologies. Hitachi engineers verified a complex subsystem, including a next-generation PCI express core, by deploying the [Cadence C-to-Silicon Compiler](#) to accelerate their testbench on the [Palladium® III](#) acceleration/emulation system. The Cadence technology enabled Hitachi to achieve a more exhaustive set of functional test cases.

“We had to deliver high-quality designs in a short time window and therefore urgently needed to develop a platform that performed at a minimum of 1,000 times faster to verify more complex and larger combinations of functional test cases,” said Nobuo Tamba, Ph.D, general manager of the Design & Development Operation, Micro Device Division at Hitachi. “Working with Cadence to apply new technologies created a breakthrough for our methodology.”

First, Hitachi engineers employed SystemC® and transaction-level modeling (TLM) to develop complex testbench functions such as auto-pattern generation and auto-response logic, and a scoreboard. Then they deployed Cadence high-level synthesis to generate the synthesizable testbench, accelerating overall

verification on a Palladium III system with Cadence transaction-based acceleration. Utilizing high-level synthesis is critical to achieving more productive system realization, one of the main pillars of the EDA360 vision.

“The success of this massive verification effort is the result of having two great teams of engineers working together with our superior system-level technologies and methodologies,” said Christopher Tice, corporate vice president and general manager at Cadence. “This experience is a great example of how Cadence and our customers work together to achieve efficient system realization.”

C-to-Silicon Compiler is a next-generation high-level synthesis technology; it automatically generates synthesizable Verilog RTL from timed or untimed C/C++/SystemC. The Palladium series delivers high system throughput, verification automation, and advanced debug to perform plan- and metric-driven system-level hardware/software co-verification.

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Hitachi Raises System-Level Simulation Performance 100x with Cadence Palladium Transaction-Based Acceleration

16 July 2010

Cadence Design Systems, Inc. announced that engineers at Hitachi, Ltd. successfully implemented a new system-level verification environment for Ethernet routing/switching products using the [Cadence® Incisive® Palladium®](#) transaction-based acceleration technology. The new environment, based on the Palladium emulation system and the Incisive Enterprise Simulator, increases performance by potentially 100 times over previous HDL simulation. The environment supports constrained-random test generation and offers greater control and visibility over the simulation, debugging and verification process.

Hitachi and Cadence engineers collaborated on the integration of Palladium transaction-based acceleration (TBA) technology into Hitachi’s future LSI development flow. Hitachi’s original environment was classic HDL simulation based, with signal-based communication among the testbench components, coverage-driven Hitachi-proprietary verification IP (VIP), and the design under test (DUT). To create the new environment, Hitachi engineers used a two-step process. First, they modified their VIP to add transaction-level interfaces. Then they adapted the bus-functional models in their VIP, and together with the DUT synthesized/mapped those into their Palladium emulation system. This resulted in a total performance increase of over 100 times. This new environment including TBA will allow the Hitachi engineers to run variable network traffic and validate their complex network components on the Palladium system. Besides Palladium TBA, Hitachi engineers also leveraged other Palladium features for in-circuit emulation, such as Cadence SpeedBridge® Adapters for Ethernet and ARM Logic Tiles, to facilitate emulation of verification interfaces and accelerate performance.

“Hitachi has been using Cadence Palladium technology successfully for both in-circuit emulation and simulation acceleration for many years, and we are very pleased with the recent improvements in Palladium TBA related to setup/compile time, debugging support, performance and ease of use,” said Toru Hiyama, General Manager, MONOZUKURI Innovation Operation, Hardware MONOZUKURI Division at Hitachi, Ltd. “Our engineers were able to implement and run the new TBA environment with very impressive results in terms of performance, flexibility and scalability. We expect this new flow will compress our overall verification and validation schedules significantly.”

“Our Palladium transaction-based acceleration delivers the time-to-market and debugging benefits that enable leading companies like Hitachi to validate their complex designs thoroughly and with

confidence,” said Ran Avinun, product management group director for System Design and Verification at Cadence. “Palladium TBA is our latest example of capabilities to help customers accelerate full-system verification for critical projects.”

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Kinnosa Generates Engineering Productivity at Tacoma Power

July 2010

In 2010 Tacoma Power choose Kinnosa as the utility’s definitive software solution for Engineering Document Management (EDM). By selecting Kinnosa Tacoma Power can now automate many EDM tasks such as version control, search, retrieval and security for greater engineering efficiency.

[Request](#) (registration required) your copy of this First Trace authored case study and read about Tacoma Power’s upgrade from a legacy EDM solution to Kinnosa. Find out why Tacoma Power chose Kinnosa, their reactions about Kinnosa’s usability from an end user and administrator perspective, and how it has automated many document management activities.

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Lifestyle Accessories Leader Randa Selects Gerber Technology’s YuniquePLM

21 July 2010

Gerber Technology announced that lifestyle accessories leader Randa Accessories (<http://www.randa.net>) will soon begin implementation of the YuniquePLM™ product lifecycle management solution. By providing easy access to centralized product information and process calendars, the web-based software system promises to improve accuracy and free-up time that can be shifted to higher value activities.

According to Randa Senior Vice President of Merchandising Ed Turner, “An internal evaluation of our go-to-market process revealed that our teams were spending too much time searching for and verifying information dispersed across multiple locations and in a variety of spreadsheet, email, and graphics file formats. We saw YuniquePLM as our best choice for connecting all the dots in our design, merchandising, sourcing, and packaging processes.”

“We expect YuniquePLM to save time and improve accuracy by enabling our management, internal teams, and global associates to share the right information seamlessly,” continued Turner. “The time we save through efficient access to information and elimination of redundant data entry can be refocused on more value-added activities such as product innovation and customer service. We also expect to gain significant business benefits from the visibility the system provides into internal and supply chain tasks and milestones.”

YuniquePLM will enable the internal teams to remain in sync by using the most current information accessed from a central database. In tandem, Randa’s global supply chain partners will have access to relevant product information and process tracking calendars through the system’s fully integrated supplier relationship management (srmOn) module.

“We are pleased with the opportunity to work with such a successful company,” noted Bill Brewster, President, Software Solutions, Gerber Technology. “We applaud Randa for the work they have done to identify their current processes in preparation of the PLM implementation. This work and their

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continuing dedication to the project will enable them to achieve maximum benefits and rapid success. We look forward to working with Randa as they deploy YuniquePLM across their extended enterprise.”

For more information about YuniquePLM, visit <http://www.yuniqueplm.com>.

For more information about Gerber Technology, connect with them on [Twitter](#), [YouTube](#) and [LinkedIn](#).

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NationZ Selects Cadence as Provider of Choice on Leading-Edge SoC Designs at Advanced Node

19 July 2010

Cadence Design Systems, Inc. announced that NationZ Technologies Inc., a leading fabless IC design company in China, selected Cadence as its EDA partner of choice for developing leading-edge SoCs for the security and communications market. After rigorous evaluation, NationZ selected Cadence® Virtuoso®, Encounter®, and system-in-package (SiP) technologies and methodologies for designing, verifying and implementing high-quality SoC designs at advanced nodes. NationZ has standardized the back-end flow of a very large deep sub-micron SoC chip with Cadence end-to-end solutions and gained noticeable advantages in design productivity and quality. NationZ has also adopted Cadence solutions to design, verify and standardize its SiP flow for communications products, shortening the design cycle and achieving first silicon success.

Cadence provides a holistic environment with a comprehensive deep sub-micron back-end flow and low-power solution for NationZ’s engineering team to develop leading-edge chips with unparalleled performance and power targets in a shorter project development cycle. Additionally, Cadence SiP design technology uniquely delivers the visibility and tight physical and electrical links between package and silicon, enabling NationZ to build and deliver complex SiPs with higher productivity and faster time to market.

“We have chosen Cadence as our provider of choice in EDA as an extension of our good collaboration and experiences with leading Cadence technologies over many years,” said Meiyun Li, chief technology officer and chief scientist of NationZ. “By standardizing on Virtuoso, Encounter, and Allegro solutions for SiP design, we immediately saw benefits such as improved designer productivity and quality of results, and shorter time to market, thus enabling greater profitability. Teaming with Cadence at this level and on our future product developments enhances our competitiveness in the global markets.”

“Cadence is implementing a strategy to address the EDA360 vision, and we are committed to enabling our customers to build their most challenging low-power and mixed-signal designs with improved productivity and higher profitability,” said Veronica Watson, vice president, Asia Pacific Field Operations at Cadence. “We are honored to work with leading companies like NationZ to help them achieve these benefits, and look forward to our continued strong relationship.”

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New Customer LG Display Won in Korea by Innovation Framework Technologies, Planisware Partner

23 July 2010

Innovation Framework Technologies, a supplier of innovation management solutions, announces a new joint customer with its partner, Planisware, a leading provider of world-class project and portfolio

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management (PPM) solutions for companies across myriad industries - including pharmaceutical, biotechnology, medical device, energy, aerospace and defense and automotive.

The Korean electronics company LG Display selected IFT's NPD solution, based on Planisware, for supporting its entire R&D management process.

This new customer is testament to the strength of the Innovation Framework Technologies (IFT) and Planisware relationship, launched over three years ago.

IFT, formed by the executive team of Artemis - a once arch-competitor of Planisware - and particularly present in the High-Tech industry, selected Planisware's technology to start their new company Innovation Framework Technologies (IFT) in 2006.

IFT provides a configured solution of Planisware based on its own vision of "innovation excellence" for hi-tech industries, combining software, practices and processes from best-in-class research such as the work of Innovation Gurus like Drs Cooper and Edgett with which IFT has historic ties.

IFT and Planisware's approach to the expanding "innovation" market are thus deeply complementary with capabilities and practices that can address a very large range of customers' requirements. Thanks to this approach, IFT has been able to successfully gain new customers in the US, Europe Korea and Japan, and also works collaboratively with Planisware to secure high-profile reference clients in these markets.

"I believe that in the market today, the complementary approaches Planisware and IFT have been developing since the partnership inception makes both our solutions in the forefront of PPM excellence and a must look for any company willing to bring its innovation processes to the next level," adds Pierre Demonsant, CEO of Planisware.

IFT and Planisware are planning to increase further their global presence in new countries as well as expand existing joint sales and marketing operations. The ongoing partnership is instrumental to IFT and Planisware future growth in these regions.

About Innovation Framework Technologies:

[Innovation Framework Technologies](#) helps companies improve their innovation performance by implementing management software that delivers business processes for the complete innovation and new product development value chain: idea management, strategic and technology roadmapping, portfolio management, resource capacity planning, innovation opportunity analysis, Stage-Gate™ governance and project management.

With headquarters in New York and Paris, and offices in Seoul and Tokyo, IFT operates throughout America, Europe, Asia and the Middle East.

About Planisware™

Planisware is a leading global provider of project & portfolio management solutions. Planisware's configurability accommodates the company's global customers across a variety of industries - including pharmaceutical, medical device, biotechnology, energy, aerospace and defense, automotive, and high-tech - and empowers users to align the solution with key business programs and portfolio management processes. With more than 150,000 users worldwide and a 99% customer retention rate, Planisware has been recognized as an industry leader by several esteemed analysts, as well as has achieved Stage-Gate Ready™ and SAP® integration certifications.

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PARTsolutions 3D Part Catalog Technology Enables DME to Offer 4.5 Million Different CAD Files

20 July 2010

[PARTsolutions LLC](#) and [DME Company LLC](#), an essential mold technologies resource to the plastics industry worldwide, have extended their long-standing partnership. Already a PARTsolutions customer leveraging [PARTcatalog](#) for more than a decade, DME has benefitted from the management of more than 4.5 million CAD files. An average of 3,500 CAD files are downloaded from DME's CAD library each month, enabling mold designers to easily integrate DME parts into their designs.

"Our approach is to provide all possible information to our customers so they can make informed manufacturing decisions," said Anthony Padalino, Global Market Analyst, DME. "PARTsolutions has been instrumental in helping us achieve that."

Today DME is further investing in PARTsolutions' 3D part catalog technology by embedding a configurator directly into its website, making CAD a more intuitive part of its customers' product selection and design processes. Seamless integration with the company's website, single sign-on (SSO) and corporate identity (CI) will make the process even simpler and faster for DME customers.

Additional enhancements include CAD-native, web-hosted catalogs, enabling delivery in any native CAD format to support the needs of more customers, and in turn, generate more qualified sales leads. Streamlined catalog management will allow for automatic updating of changes across CAD formats. DME will also be able to more effectively meet the needs of its worldwide customers through internationalization capabilities, as well as global support.

DME first implemented [PARTcatalog™](#) from PARTsolutions in 2001, in order to web enable its vast product line, which encompasses more than 66,000 items in 69 different 2D and 3D CAD and graphic formats. Today more than 80 percent of the company's standard products are featured in the online catalog and PARTsolutions' technology enables DME to easily maintain its library to support frequent CAD revisions.

For more information on PARTsolutions visit: <http://www.partsolutions.com> or to view the DME solution in action, go to: http://dme.net/dme/resources/cad_library.html.

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ShipConstructor Chosen by Brazilian Engineering Firm

22 July 2010

[KROMAV Engeharia](#), one of Brazil's largest marine engineering firms, has chosen ShipConstructor's AutoCAD-based CAD/CAM software for use on shipbuilding and offshore projects.

"[ShipConstructor](#) will be an important tool," said Ricardo Vahia, Director of KROMAV. "Based on our expectations for future market demand and success to be achieved with the software, we are currently acquiring hardware that will allow us to expand to 30 Universal Licenses."

Worldwide, organizations of the size and stature of KROMAV are increasingly choosing ShipConstructor CAD/CAM software. In Brazil, as in other markets, the integration of ShipConstructor with the already familiar Autodesk suite provides a core workforce that can easily adapt to the enhanced benefits ShipConstructor provides.

"The long and steep learning curve of competing software is not viable when the workforce is still

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developing as in the rapidly expanding Brazilian market,” said ShipConstructor’s Deputy CEO, Darren Larkins. “KROMAV has recognized that there will be a continuing demand for skilled labor and that ShipConstructor will be a leading tool in the Brazilian market. KROMAV is wisely taking steps to meet that demand.”

ShipConstructor’s local representative, [Sincronia](#), will start training KROMAV staff in July with the expectation that staff will be proficient and productive within 3 to 4 weeks.

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TDP, Inc. Selects Product Lifecycle Management Solution from Omnify Software

20 July 2010

[Omnify Software](#) announces that [Technology Driven Products, Inc \(TDP\)](#), a provider of innovative product design and manufacturing services, selected [Omnify Empower PLM](#) for their Product Lifecycle Management solution. The company has reported improved product quality and customer collaboration since implementing Empower PLM.

With a focus on consistently producing quality products, on time, TDP was looking for better methods to process Engineering Change Orders (ECOs), track releases of documents related to products, control document revisions, as well as a means to improve collaboration with their customers. TDP implemented the Omnify Empower PLM system to address their product development issues and now has over 60 employees using the Omnify Empower PLM system including: Sales, Service, Engineering, Purchasing and Production.

The company is leveraging the core features of Empower PLM to support controlled processes such as; item and Bill of Material (BOM) creation, engineering changes, file management, revision control, approval history, task management, and document control. The company has also expanded their use of Empower PLM with the Quality Management and Project Management features. Quality Management has helped TDP gain visibility into non-conformance results from audits, track customer feedback, address internal Quality issues and perform potential Problem Analysis while Project Management ensures a smooth transition from product release to production.

“Overall, TDP has been amazed by the flexibility Omnify Empower has provided in managing not only the change order process but also the BOM review process, part number creation process, Corrective and Preventive Actions, and project management,” stated Caroline Lace, director of business systems for TDP, Inc. “We continue to find new ways to use the system to aid in increasing efficiencies throughout the company, including a 96% reduction in incorrect material orders and scrap.”

“TDP exemplifies companies who understand the key benefits and core functionality of PLM,” stated Chuck Cimalore, chief technology officer for Omnify Software. “However, once they implement a complete solution such as Empower PLM that delivers functionality beyond the scope of the 'traditional PLM' system, they immediately find that they can address issues and encompass business processes beyond their initial considerations and requirements.”

To view a more detailed video of how TDP, Inc. is using Omnify Empower PLM, visit <http://www.youtube.com/watch?v=JAe0GLP2ou8>.

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Product News

Autodesk Demonstrates On-Demand Rendering Service in the Cloud

23 July 2010

Autodesk, Inc. announced the availability of Project Neon, a free* cloud computing preview that takes rendering off the desktop and delivers photorealistic images through a web browser.

What is Project Neon: The Autodesk Project Neon technology preview enables designers and engineers to expand the capabilities of their current hardware and create photo-realistic renderings of their projects through a web browser. Rendering multiple files can take many days, adding time and money to projects. Autodesk Project Neon opens the world of cloud computing to design teams and allows users to reduce the time it takes to explore multiple options by generating multiple images simultaneously in a fraction of the time.

“The ability for anybody to tap into the near infinite computing power of the cloud is exciting- it enables a whole new class of customers to incorporate advanced computation cheaply and quickly into everyday tasks where previously a supercomputer was required,” said Brian Mathews, vice president of Autodesk Labs. “With Project Neon, Autodesk is providing a preview of how we can offer companies the ability to generate multiple high-quality, photo-realistic renderings in a matter of hours instead of days, saving valuable time and money.”

Where and When: Project Neon is now available at: <http://labs.autodesk.com/technologies/neon/>

**Free products and services are subject to the terms of use that accompany them.*

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Cadac Organice Issues Case Study about SharePoint Workflow Management

19 July 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) has issued a case study about workflow management.

Low efficiency and productivity in an organization are often due to lack of understanding of processes and procedures, and not having the right information and instructions available at the right time to perform a task. But how do you support your employees in understanding your business processes and procedures? How do you make them aware of the tasks they have to perform at the right time? How do you provide them the right information and instructions to perform their task? How do you monitor that tasks are performed on time and with the right result, and how do you remind or notify employees of their tasks?

Workflow management is the process of passing information, documents, and tasks from one employee within a business to another. Through proper workflow management, each employee will pass the work on according to a predetermined procedure. Workflow management improves the efficiency and productivity within business processes. By automating business processes and establishing procedures that are consistently followed, unnecessary steps are eliminated, and every employee is fully aware of his or her responsibilities.

Cadac Organice has issued a case study about workflow management in SharePoint with Cadac Organice Workbox. [Cadac Organice Workbox](#) is a SharePoint based Workflow Management solution that can be used to automate business processes, increasing the efficiency and productivity in organizations. Cadac Organice Workbox is a state workflow engine, providing the right tools for project driven engineering companies to streamline and automate their business processes.

Click [here](#) to download the case study about Workflow Management.

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Cadence and ARM Collaborate to Create an ARM-Optimized System Realization Solution Collaboration

21 July 2010

Cadence Design Systems, Inc. announced a broadening of its existing collaboration with ARM to develop an optimized System Realization solution for ARM processors that will enable an end-to-end flow including a full set of interoperable tools, ARM® processor and physical IP, services and methodology from embedded Linux to GDSII. To accelerate adoption of this solution, Cadence will provide a full complement of tutorials and education materials including two methodology reference books and extend their ecosystem of service, methodology and training providers.

“As software complexity continues to escalate driving system costs up, industry leaders need to join forces to provide proven and cost effective end-to-end design solutions,” said Mike Muller, ARM, chief technology officer. “Only a comprehensive approach from application software through silicon can successfully address the challenges facing our design community. This collaboration with Cadence will not only address the rapidly rising cost of integrated hardware and software system development, but will also accelerate time-to-market for next-generation consumer products.”

To deliver this solution, Cadence will take the following actions:

- support embedded software optimized for ARM processor-based devices in the company’s recently announced IP stacks
- enhance the interoperability of ARM tools and IP including ARM DS-5 and RealView® Development Suite, Fast Models, and VSTREAM transactor with Cadence Virtualization technologies
- expand its existing collaboration on AMBA IP-VIP pairs and interconnect fabric, and reference methodologies for design, verification, and implementation

“As our business is expanding into the mobile market segment, ARM processor-based designs are becoming a larger part of our development,” said Narendra Konda, director, Hardware Engineering at NVIDIA. “The Cadence/ARM collaboration provides the right approach for the industry by addressing application-driven flow. This integrated flow will help us to improve our system validation process which is one of the most critical components for our success.”

Beyond its work with ARM, Cadence is extending the System Realization ecosystem through new collaborations with service, methodology and training providers that will help accelerate customers’ deployments of system-level solutions. The new companies include Australian Semiconductor Technology Company (ASTC), Chubu Toshiba Engineering Corp, CircuitSutra, CM Engineering Co. Ltd., HDLAB Inc., NIPPON SYSTEMWARE CO. LTD., and Toshiba Information Systems (Japan). The full list of members can be found at www.cadence.com/alliances/system_realization.

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“Cadence continues to build our System Realization solution through collaboration with others and delivery of new methodologies,” said John Bruggeman, chief marketing officer, Cadence. “The Cadence and ARM solution will combine industry leading IP to help break down the cost and development barriers that are preventing consumer devices from achieving breakaway market success. ARM IP is prevalent in current and future consumer devices, and the jointly developed solution will unleash new, compelling innovation.”

To further help customers achieve efficient, cost-effective adoption of System Realization aspects, Cadence has developed the industry’s first transaction-level modeling (TLM) design and verification methodology, available to the industry in its newly published book titled, “[TLM-driven Design and Verification Methodology](#).” To accelerate SoC integration and verification based on the recently standardized Universal Verification Methodology (UVM), Cadence also has released another new book titled, “[A Practical Guide to Adopting the Universal Verification Methodology \(UVM\)](#).” Together, they provide a pragmatic set of best practices to help accelerate solution deployments.

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Cadence Develops Die Model Enabling Comprehensive Chip-Package

20 July 2010

Cadence Design Systems, Inc. announced that, with the assistance of Fujitsu Semiconductor Limited and Fujitsu VLSI Limited (hereafter collectively called Fujitsu), Cadence has developed a standardized die model that provides ASIC and microcontroller (MCU) designers with a comprehensive chip-package-board co-design solution.

The solution uses [Cadence® Encounter® Power System](#) and [Allegro® Package Designer](#), combined with support from third-party package analysis providers, to implement a standard format for die modeling. The newly implemented open format model facilitates data transfer between the chip design and package design environments to ensure seamless integration and consistent analysis. Until now, only a few proprietary design flows have been able to fully integrate package analysis. The new flow implemented by Cadence can apply to any analysis flow and the end result is a world-class chip-package-board co-design solution for ASIC/MCU customers of semiconductor manufacturers. These customers then could perform system interconnect analysis that includes very precise chip/package electrical characteristics.

“Fujitsu has a longstanding goal of enabling our ASIC/MCU customers with advanced methodologies and technologies to help them be more efficient in their designs. We were excited to see the development of an open format that enables smooth and efficient data transfer between the chip, package and board design environments,” said Akihiro Yoshitake, general manager of IP & Technology Development and Manufacturing Unit, SoC Design Engineering Division at Fujitsu Semiconductor Limited. “We believe that the end solution lowers the chip-package design risk by efficiently considering interactions between the die and the package. This enables Fujitsu to roll out a world-class chip-package-board co-design solution to our ASIC/MCU customers.”

The chip-package-board co-design solution enables the chip design team to create a die model containing physical and electrical information that can be used to sensitize package analysis. In addition to custom tuning the package for the end application, the solution enables ASIC/MCU users to perform early-stage tradeoffs for PCB design. This methodology allows PCB designers to reduce the bill of materials by analyzing the combined chip-package-board systems interconnect.

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“It’s no longer possible to create an ASIC/MCU design without also considering package and board design,” said David Desharnais, group director, product management, at Cadence. “As discussed in the EDA360 vision, to close the profitability gap, companies must control hardware/software development costs and lower the costs of packaging, manufacturing, and test. Package choices and board-level interconnect decisions have a strong influence on chip design, and vice versa. Our collaboration with Fujitsu, Sigrity and ANSYS has produced a new co-design flow that allows chip and package design teams to seamlessly communicate their design decisions for improved quality and faster time to market.”

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Easily Create 3D Models from Photographs with Autodesk’s Project Photofly

22 July 2010

[Autodesk, Inc.](#) announces the availability of [Project Photofly](#), a technology preview of a web service that allows users to create 3D models from photographs using the cloud. Project Photofly is currently available for free* on [Autodesk Labs](#).

What Are the Benefits: The Autodesk Project Photofly technology preview enables architecture, design, media & entertainment and manufacturing firms to easily create 3D models from a series of photographs.

Photofly breaks the barrier to entry to image-based modeling because of its automatic calibration process. The manual calibration of photographs enabled by other technologies is complex and requires a strong expertise to get a good result. Project Photofly utilizes an automatic calibration engine, called “Camera Factory,” which is made available as a web service through a Windows-based client called “Photo Scene Editor.” Customers connect to the Camera Factory through the Photo Scene Editor, and then use their favorite Autodesk 3D modeling software (AutoCAD, Autodesk Revit, Autodesk 3ds Max, etc.) to consume the data in DWG format to model on top of the images.

“Project Photofly brings the possibility of reality capture to designers, creative artists and engineers who didn’t have the resources or expertise for image-based modeling, and expedites the process for those who are used to spending endless hours manually stitching together images to create a 3D model,” said Brian Mathews, vice president of Autodesk Labs. “Reality capture gives designers and engineers the ability to better measure, analyze, document and plan for projects.”

When: General information about Project Photofly is available immediately at: <http://labs.autodesk.com/technologies/photofly>. The Photo Scene Editor is immediately available for download at http://labs.autodesk.com/utilities/photo_scene_editor/.

Where is it Available: Available as a free technology preview on [Autodesk Labs](#).

Watch a video of Autodesk Project Photofly: <http://www.youtube.com/watch?v=MipZLSZiO6M>

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MachineWorks v.7 Imminent Release

20 July 2010

MachineWorks Ltd is releasing v.7 including its new libraries on thread safety and solid closing.

Thread Safety

The new MachineWorks v.7 is an extensive modification of our libraries to allow users to take full advantage of multiple core architectures in multi-core PCs and multi-core CNC controllers.

MachineWorks libraries have been made thread-safe for all likely usage scenarios. Users can also to exploit the benefits of multiple core machines by internally multithreading algorithms and running multiple simulations simultaneously.

Solid Closing

MachineWorks solid closing algorithms will close gaps in models, and fix self-intersecting loops and faces. The new solid closing module means that you can produce watertight models from almost any input geometry.

“We wanted to focus on performance and offer our customers the opportunity to gain significant increases in speed on their multi-core hardware”, says David Manley, Managing Director.

“MachineWorks solid healing tools are another welcome addition to our technology line-up”.

Tool path Generation

MachineWorks can compute tool paths in an environment closely coupled with our simulation and verification libraries. These tool path generators are built with the same attention to geometric detail and accuracy that characterises our verification engines. They provide fast generation of guaranteed gouge-free tool paths, within the specified tolerance. Our strategies include Area and Rest Roughing, Water Line, Rasters, Radial and Spiral cuts, Constant Step over, Pencil and Parallel Pencil.

Ease of use

We have tools to ease the implementation of MachineWorks, like the MachineWorks MachineBuilder that can turn around a prototype in one day and allows the user to quickly and easily develop an application to sit on a CNC controller or a stand-alone PC.

Our development team has also enhanced MachineWorks Machine Simulator to help develop Full Machine Simulation including material removal and full clash detection. Some of our customers prioritise time-to-market over customisation. They choose to use our Simulator interface rather than our raw APIs because the Machine Simulator offers a ready-to-use solution with a state-of-the-art simulation engine underneath.

You can see **MachineWorks** live demos and how easy it is to use our machine Simulator and Machine Builder at **IMTS on booth E-3831, in the CAD/CAM hall** by the lake.

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

IMTS 2010 runs from the 13-18 of September. <http://www.imts.com>

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Mastercam and Unigraphics/NX Data Exchange

21 July 2010

[Mastercam](#) users can open native Unigraphics/NX part or assembly files without a Unigraphics/NX license requirement using UG Read. With UG Read, users also gain the unique ability to import Product Manufacturing Information data, such as properties, datums, dimensions, notes, geometric tolerances,

and datum targets.

UG Read eliminates the step of having to translate native Unigraphics/NX part files through an intermediary file format such as IGES, STEP, or Parasolids. Now, engineers can spend more time designing, analyzing, and solving problems.

Ernie Husted, President of Verisurf, says, “The UG Read is a great tool to have for opening native UG part files. You can do this without owning a seat of NX or UG. This can give you the competitive edge you have been looking for.”

Here are some features and benefits of UG Read:

- Reliable and high quality geometry import
- Fully integrates with Mastercam File Open menu
- Reads part files fast
- Displays part properties
- Maps assembly parts to levels
- Supports layers to levels
- Supports layer and geometry names

Mastercam customers that had licensed the previous version of the UG reader can upgrade at a discounted price, for a limited time. For more information on the UG Read translator, please contact your local Mastercam reseller.

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Mentor Embedded Nucleus Real Time Operating System Adoption Exceeds 2.1 Billion Handsets

22 July 2010

Mentor Graphics Corporation announced that the Mentor Embedded™ Nucleus® Real Time Operating System (RTOS) is the handset industry’s most widely adopted RTOS, found in over 2.11 billion devices, according to the VisionMobile’s 100 Million Club research report. The 100 Million Club is a watch-list of software companies whose products have been embedded in more than 100 million cellular handsets. The Mentor Graphics® Nucleus RTOS product usage equates to 42% of the worldwide handset market, according to the study.

The Nucleus RTOS product is a proven, highly efficient, and reliable operating system, providing a comprehensive set of system services that scale to any target hardware. The Nucleus RTOS product delivers best-in-class performance while optimizing resource usage in a single-OS platform, or part of a multi-OS platform, across any project, processor or system architecture. Thus, developers and device manufacturers can create more profitable and differentiated products with reduced production costs and faster time to market.

“The Mentor Embedded Nucleus RTOS is recognized for its hard real-time performance and efficiency, reflected in our 100 Million Club study,” stated Dr. Andreas Constantinou, VisionMobile research director. “As the market share leader for RTOS, we predict that Mentor’s Nucleus OS will continue to see broader usage with the explosion of multi-core SoCs and open source-based Smartphones that use Linux and Android in addition to the RTOS.”

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VisionMobile reported the research results in May 2010, based on companies that have developed and licensed embedded software for mass-market phones. Established as an industry analysis firm focused on mobile software and services, VisionMobile provides a broad range of services, from competitive analysis and industry maps, to on-site training and “under-the-radar” research studies. The recent report can be found at <http://www.100millionclub.com>.

“We are proud that our Nucleus RTOS is recognized as the industry’s market share leader for cellular devices,” said Glenn Perry, general manager, Mentor Graphics Embedded Software division. “We are responding to our customers’ needs by continuing to invest in best-in-class technologies and services, particularly Nucleus, Linux, and Android for single- and multi-OS solutions on single- and multi-core SoCs for today’s consumer products. As cellular technology expands beyond mobile phones, we look forward to continued growth and adoption of Nucleus as the de facto standard RTOS in this arena.”

The Mentor Graphics Embedded Software Division comprises the Mentor Embedded family of products and services, including embedded software intellectual property (IP), tools, and consulting services, to help embedded developers and silicon partners optimize their products for design and cost efficiency. More information on Mentor Embedded products and services can be found at the website: <http://www.mentor.com/embedded>.

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ShipConstructor 2011 Released

21 July 2010

ShipConstructor Software Inc. (SSI) announced the release of ShipConstructor 2011, the newest version of the company’s AutoCAD-based CAD/CAM application for the shipbuilding and offshore industries.

The new release incorporates several enhancements that are based upon input to SSI’s Product Management team members who collected feedback and analyzed needs from shipbuilders around the world.

“Our latest release supports several of the new features introduced in AutoCAD 2011 to improve the ease of editing,” said Denis Morais, ShipConstructor’s Product Development Manager. “ShipConstructor 2011 also increases speed and improves functionality.”

For instance, in ShipConstructor 2011, the Product Hierarchy Module has been enhanced to now allow users to organize their project in various ways. Multiple hierarchies can now be used to generate production output as well as for analysis. This new feature also empowers shipbuilders to generate multiple build strategies for construction of vessels at different locations.

To ensure that the ShipConstructor SQL database is always optimized for maximum performance, ShipConstructor 2011 now provides a simple method for scheduling database maintenance operations including the cleanup of unused data, compacting of database files, and the re-building of database indexes. This feature can be scheduled to run during down-time, providing the design team with the most well organized and efficient database possible when they return to work.

The Project Revisions dialog has also been enhanced to make it easier to localize and examine project revision history which will aid users in analyzing progress and in tracking potential sources of errors.

The ShipConstructor Project Split & Merge product for multi-site collaboration has also had a performance enhancement in the 2011 version of the software. Merge and refresh speed at distributed

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locations has been improved by as much as 10%.

Information regarding each part's Global Unique Identifier (GUID) is now more accessible which makes it easier to integrate the ShipConstructor product model with other best-of-breed software such as ERP and FEA applications. Readily accessible GUIDs can also make reporting and macro creation easier, thereby allowing shipyards to customize the software for their own unique requirements.

Additionally, based on customer feedback, ShipConstructor 2011 has expanded its profile endcut definition capabilities. An addition to the software's parametric features now allows users to create a variety of new types of endcuts being used in today's offshore and shipbuilding industries.

For more details on ShipConstructor 2011, see: <http://www.shipconstructor.com/SC2011/>

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TransMagic R8 SP4 Transforms the 3D CAD Translation Industry

21 July 2010

TransMagic, Inc. announced the release of TransMagic R8 SP4, which grants clients the highest quality and control available for CAD interoperability and data conversion processes. A powerhouse, this release of their flagship product, EXPERT XL-64, is packed with new technology that is revolutionizing the reuse of 3D CAD data. The XL-64 option transforms a 64-bit computer into a workhorse capable of processing extremely large CAD datasets, over 2 gigabytes. This release combines power, control and quality into a single solution, overcoming file size and complexity barriers.

There is much more to file translation than merely file formats. The accuracy and downstream usability of the conversions are just as imperative. Think about the difference between a foreign language dictionary versus a foreign language interpreter. In the same manner, there is no comparison between EXPERT XL-64 and its closest competitor. Along with multi-gigabyte compatibility, this release offers accelerated graphics technology, upgraded translators, additional file options and formats. In conjunction with feature enhancements such as an optimized Fast Bounding Box, upgraded Auto Repair Wizard, and advanced large model visualization, R8 SP4 can be supercharged with the XL-64 technology option. TransMagic's attention to detail creates a timesaving technology in R8 SP4, focusing on efficient and economical solutions.

“TransMagic R8 SP4 allowed me to import a 150MB plus file of an engine block head. I rate TransMagic a 10 on large file performance – Very Fast and Robust,” stated Alan Pike, VP of Involve Test and Control. “TransMagic R8 SP4 allows you to access more memory, which is why I would recommend this product to anyone.”

For companies dealing with mega-CAD files and complex datasets, EXPERT XL-64 is the preemptive solution that can, with a single click, shrink several days of work down to minutes. Today, TransMagic's R8 SP4 represents an oasis in the 3D CAD industry where full spectrum data translation and reuse complexities become routine.

“The CAD interoperability landscape is rapidly changing – now our customers are routinely translating 1 GB files and larger. That demands genuine muscle on the foundation of a solid 64-bit app,” stated Todd Reade, CEO of TransMagic. “On a lighter note, it's a hot summer. Have a cold lemonade, buy some extra RAM and let TransMagic do the heavy lifting!”

Under the Hood of TransMagic – Highlighted Features:

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- New Graphics Technology – Accelerated rendering of large assemblies, enhanced model visualization
- PowerPack for SolidWorks – Direct access to TransMagic options, upgraded integration and usability
- PowerPack for Inventor – Certified by Autodesk for Inventor 2011
- Enhanced TM Command – Many TransMagic features now accessible for PLM integration and process automation
- New Supported CAD Versions
 - CATIA V5 R20
 - Siemens UG/NX 7
 - Pro/E Wildfire 5.0
 - JT Version 9.3
 - SolidWorks 2010
 - And More...

For more detail, visit www.transmagic.com/products/R8SP4/feedback

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