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Acquisitions

3D Systems to Acquire Geomagic

3 January 2013

[3D Systems](#) announced today that it has signed a definitive agreement to acquire [Geomagic, Inc.](#), a global provider of 3D authoring solutions including design, sculpt and scan software tools that are used to create 3D content and inspect products throughout the entire design and manufacturing process. This acquisition is subject to customary closing conditions, and is expected to close during the first quarter of 2013, after those conditions are met. Terms of the transaction were not disclosed.

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The combination of Geomagic’s powerful sculpting, modeling, scanning and inspecting software tools with 3D Systems’ portfolio strengthens its 3D authoring platform and positions the company for accelerated growth in the fast-growing, 3D content-to-print space. The transaction adds complementary products and technology, increases the company’s reseller coverage globally and is expected to be accretive to its non-GAAP earnings in the first full year following the completion of transaction.

“Geomagic represents the perfect strategic fit for us and we will be thrilled to welcome 3D pioneer and Geomagic Founder and CEO Ping Fu as our Chief Strategy Officer once the deal has closed,” said Abe Reichental, President and CEO, 3D Systems. “Our complementary capabilities in product development, channel coverage and marketing combined with greater efficiencies are sure to result in more affordable and user friendly solutions that will delight our customers and could present attractive long term shareholder value. In line with that, we intend to expand the range of our 3D authoring solutions further into new manufacturing and consumer applications and concurrently maintain and enhance the existing Geomagic and Rapidform product lines.”

“We have worked with 3D Systems for many years to accelerate adoption of 3D content-to-print solutions and believe that now is the right time to combine our efforts to further democratize access to design and 3D printing,” said Ping Fu, Founder and CEO of Geomagic. “Joining 3D Systems provides us with the scale, resources and strategic platform to realize our shared vision of delivering functional, affordable and extensible 3D authoring solutions for the benefit of professional designers and engineers, as well as the exciting maker’s movement.”

Strategic and Financial Benefits

- Growing reseller channel accelerates revenue growth from combined portfolio and presence
- Profitable razor and blades business with accretive software gross profit margins enhances non-GAAP earnings power
- Highly complementary portfolio delivers powerful and affordable design and manufacturing solutions and greater customer value
- Expected to be accretive to non-GAAP earnings in the first full year following completion of transaction*

More information on the company is available at www.3DSystems.com

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Geometric Acquires 3Cap Technologies GmbH

2 January 2013

[Geometric Limited](#) today announced that its German subsidiary, Geometric Europe GmbH has acquired 100% stake in 3Cap Technologies GmbH (3Cap), a specialist in electronics engineering, primarily for the automotive industry, based in Oberschleißheim near Munich, Germany.

3Cap employs over 110 people, all of whom work out of Germany. It has seven customers, which are mostly tier 1 automotive suppliers. 3Cap offers a multitude of services to its customers ranging from Embedded Systems Development Verification and Validation, and Calibration in the areas of powertrain and chassis.

Announcing the acquisition, Mr. Manu Parpia, MD & CEO, Geometric said, “This acquisition represents an important step in our strategy to provide greater capability and more comprehensive solutions in the digital product realization space to our customers”. Geometric has strength in engineering software and mechanical engineering services, with almost 70% of its revenues coming from the US market. “The use of embedded systems is increasing in all our customer products. This acquisition fills a major gap in the solutions we offer to our customers, while at the same time strengthening our presence in Europe. Thus, in taking this action, we address two main needs of our customers - the ability to deliver embedded systems based solutions and a stronger presence in Europe”.

3Cap is a young multicultural company founded in 2004 by Mr. Henri Sadoune, who is a French national based out of Munich, Germany. Mr. Sadoune has entered into a long term agreement with Geometric and will take responsibility for all embedded systems activities, including Geometric’s existing embedded systems projects.

Henri Sadoune, MD, 3Cap Technologies added, “We are very happy to provide our customers the global reach and end-to-end capabilities that this association with Geometric gives us. Moreover, the underlying ethos of both companies to ‘partner’ with customers will further cement this merger and strengthen our common business development”.

3Cap is valued at Euros 11 million of which Euros 7.5 million will be paid up front. Geometric is funding the acquisition out of accrued cash. The balance payments will be subject to earn-out under mutually agreed terms and conditions over a maximum period of 3 years. In the calendar year 2012, 3Cap had revenues close to Euros 11 million. The acquisition is effective 1st January 2013.

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Company News

ESI Honored with the "Innovative Alliance" EFB Award at EuroBLECH 2012

21 December 2012

[ESI Group](#) received the EFB's "Innovative Alliance" prize at EuroBLECH 2012, an important international event dedicated to Sheet Metal Forming, which took place from 23 to 27 October in Hanover, Germany.

This award recognizes the contribution of members of the European Research Association for Sheet Metal Forming ([Europäischen Forschungs-gesellschaft für Blechverarbeitung](#), or EFB) who successfully engage in industrial networking with other companies and industrial institutions operating in the field of Sheet Metal Forming, while promoting research towards new materials, processes and quality control.

Andreas Renner, GM of ESI GmbH, declares, "We are very proud of this award, which speaks to our continuous commitment to help the industry be more competitive by developing breakthrough simulation technologies. We believe this prize also recognizes the contribution of our customers and partners. Only through our continuous dialogue can we develop practical solutions to address the most relevant industrial challenges of our time."

Under the motto "Experience your Product", [ESI](#) presented the latest version of its Sheet Metal Forming software simulation suite [PAM-STAMP 2G](#) and [PAM-DIEMAKER for CATIA V5](#), addressing design and manufacturing issues directly within CATIA V5's generative modeling environment.

The ever-increasing need for higher quality sheet metal products, and the need to optimize processes to cut manufacturing costs, calls for innovative simulation solutions. With [PAM-STAMP 2G](#) and [PAM-DIEMAKER for CATIA V5](#), [ESI](#) provides OEMs with established solutions that have long been recognized by the Sheet Metal Forming industry for simulating and optimizing products or parts, and consequently help them achieve the panel shapes required to deliver exciting designs and structural performance that exceeds safety, weight reduction and other objectives.

Visitors also experienced [ESI](#)'s new range of collaborative decision-making solutions: [IC.IDO](#). Using immersive 3D technology, visitors could visualize virtual prototypes and experience the value of embedded real time physics for collision detection and simulation of flexible pipes and cables. With [IC.IDO](#), companies bring their industrial products to life, long before any physical prototype exists. This allows them to collaboratively make decisions cross-function, cross-area and cross-discipline for every important phase of the development process.

Andreas Renner adds: "EuroBLECH is an excellent opportunity for ESI to establish a dialogue with industry specialists and of course, our customers. The solutions we presented at EuroBLECH triggered vivid interest."

For more ESI news, visit: www.esi-group.com/newsroom

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Microsol Resources Joins Autodesk Developer Network

3 January 2013

Microsol Resources Corporation, an Autodesk Gold Partner serving the architectural, engineering and construction (AEC) industries, is pleased to announce its acceptance into the Autodesk Developer Network.

The Autodesk Developer Network was created for software specialists seeking proven methods of extending Autodesk products and technologies to produce superior design, geospatial, and media & entertainment software solutions. “We are pleased to welcome Microsol Resources to the Autodesk developer family,” said Jim Quanci, director of the Autodesk Developer Network. “Microsol Resources is a company that specializes in exceeding customer satisfaction in sales, training, and support across all Autodesk offerings and we hope that this partnership will help to expand the capabilities of the design process for our customers.”

Belonging to the Autodesk Developer Network allows Microsol Resources to support the development of design, engineering, manufacturing, and construction software and services for desktop, web browser and mobile devices. The Autodesk Developer Network also links Microsol Resources and its customers with fellow software experts and engineers through ADN Open, offering additional resources and expertise via Autodesk-moderated forums and blogs.

The partnership establishes another avenue for Microsol Resources to assist businesses in meeting their design objectives and goals. Together, Microsol Resources and Autodesk will continue introducing users to a more seamless and integrated design environment so that project teams may work collaboratively and coordinate models for design review, construction management, and facilities management.

This recognition complements the recent partnerships that Microsol Resources has established over the past year, adding resources such as PKNail and V-Ray to the collection of offerings that complement the Autodesk suite of products. It also follows the news of client feedback demonstrating that the company exceeds Autodesk’s highest quartile ranking of customer satisfaction in the U.S. and Northeast. In business since 1986, the company begins its 26th year as an Autodesk reseller.

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PTC's Continued Support for FIRST® Connects Students with Manufacturers to Practice Every Day Product Development Processes

3 January 2013

Continuing with its mission to provide every day opportunities for students to develop engineering skills, [PTC](#) today announced its continued support of *FIRST*® (For Inspiration and Recognition of Science and Technology) and the *FIRST*® Robotics Competition (FRC®). Building on previous years, PTC will support seven regional competitions throughout the United States and Israel in addition to sponsoring 82 *FIRST*® Robotics Competition (FRC®) teams, 35 *FIRST*® Tech Challenge (FTC®) teams, and nine *FIRST*® LEGO® League teams during the 2012-2013 season.

At the 2013 FRC Kickoff event to be held on Saturday, January 5, PTC is one of two named Kickoff Sponsors. The FRC game will be unveiled during a live broadcast to approximately 52,000 participants worldwide over [NASA TV](#). PTC President and CEO, Jim Heppelmann, will be one of the featured speakers at the Kickoff which begins at 10:30 EDT

“PTC is a Strategic Partner of *FIRST* and the company is fully committed to the values of *FIRST*. PTC shares our goal of helping students develop STEM skills,” said Robert Tuttle, Interim President, *FIRST*. “PTC works very hard to connect *FIRST* students to mentors not only with its 6,000 employees, but also with their 27,000 global manufacturing customers so that students worldwide can develop the engineering skills that are in high demand from these organizations.”

FIRST reaches an estimated 300,000 students worldwide annually. *FIRST* designs accessible, innovative, mentor-based STEM programs for K-12. These programs inspire young people to think, design and create something physical using their engineering knowledge and skills. As a Strategic Partner of the *FIRST* Progression of Programs for K-12, PTC provides free software, including PTC Creo®, PTC Mathcad® and PTC Windchill® to all participating *FIRST* teams. PTC has offered Windchill in the cloud to FRC and FTC teams since 2008 allowing thousands of students, along with their teachers and professional mentors, to collaborate on their designs anytime, anywhere. This year teams in the *FIRST* LEGO League and Jr. *FIRST* LEGO League can also access the software.

“I enjoy working with PTC in reaching out to the students who participate in the *FIRST* Robotic Competitions,” said Sue Peckham, engineering manager, co-chair of *FIRST* initiative, BAE Systems. “Helping students understand and apply the same design and collaboration principles used in a manufacturing environment will enable them to better understand the challenges in this fast-paced industry and at BAE Systems’.”

“*FIRST* is the cornerstone of our community relations program because it delivers value on multiple dimensions,” said Robin Saitz, SVP, solutions marketing & communications and *FIRST* Executive Sponsor, PTC. “*FIRST* is one of the best investments PTC can make because it highlights the benefits of integrating real-world technology into education by inspiring young people to pursue STEM disciplines in college. This will ultimately build a global workforce of engineers, which will help our customers achieve and maintain a competitive advantage.”

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Tata Technologies Partners with First Book, Promotes Children's Literacy in Metro Detroit with Holiday Donation of 2,000+ Books

27 December 2012

[Tata Technologies](#) distributed more than 2,000 new books throughout greater Detroit this holiday season, through its partnership with First Book, a nonprofit organization that provides new books to children from low-income families. The donations were made possible by a \$5,000 donation by Tata Technologies to First Book.

More than 20 volunteers from the Tata Technologies North American Headquarters office in Novi, Mich., distributed the books to children at four schools between December 19-20 – Catherine Ferguson Academy in Detroit, Garfield Elementary School in Livonia, John Glenn High School in Westland, and Snow Elementary School in Dearborn.

Warren Harris, President and COO of Tata Technologies joined the volunteers, personally visiting Catherine Ferguson Academy.

“Tata Technologies places great emphasis on giving back to the communities of which we are a part,” said Mr. Harris. “Our partnership with First Book demonstrates the Tata Technologies commitment to promoting literacy, and we are pleased and proud that it has allowed us to help support schools in the metro Detroit area.”

“We are thrilled with Tata Technologies’ decision to further children’s literacy throughout greater Detroit, and to contribute to First Book’s greater mission of providing new books to children across the United States,” said Kyle Zimmer, President and CEO of First Book.

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Events News

Delcam to Show 2013 Releases of CAM Products at Houstex 2013

2 January 2013

Delcam will demonstrate the 2013 releases of its PowerMILL, FeatureCAM and PartMaker CAM systems on booth 1234 at Houstex at the George R. Brown Convention Center in Houston, Texas, from 26th to 28th February.

PowerMILL is Delcam’s software for high-speed and five-axis machining, the ideal CAM system for

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companies making larger or more complex parts, FeatureCAM offers fast and easy-to-use, feature-based programming for mills, lathes and mill-turn machines, while PartMaker provides a dedicated solution for Swiss-type lathes, bar-fed mills and turn-mill equipment. Together, these programs allow companies to program virtually all of their machine tools to cut any material quickly and efficiently, and give a high-quality surface finish. This broad coverage is one of the reasons why Delcam has been ranked as the world's leading specialist supplier of NC software and services by US analysts CIMdata for the last 12 years running.

In PowerMILL, several enhancements have been made to improve tool path efficiency. For example, when using automatic verification on a toolpath to prevent a collision by the shank or the toolholder, in the previous version of PowerMILL, the tool would be retracted to a safe height and then returned to the part once it was safe to continue machining. Now, PowerMILL generates a continuous toolpath that removes as much material as possible, while still avoiding any collisions. The elimination of the retract moves shortens machining times and gives an improved surface finish, while the continuous cutting reduces the change of load on the tool so increasing its life.

For FeatureCAM, the 2013 release includes improvements in the turning and mill-turn modules. Definition of the initial stock and part alignment has been improved, making it more similar to the set-up process for milling, support has been added for semi-finish canned cycles, and curves of revolution can now be recognized from STL models. A new method has also been introduced allowing b-axis rotary milling to be carried out on features that would otherwise require the use of excessively long cutters.

The options for multi-spindle, multi-turret machines have been improved by fully integrating part transfers into the FeatureCAM output. Simulation and post-processing of these operations is also supported. In addition, the handling of synchronization points has been enhanced to simplify optimization of the machining sequence between the various elements of the machine.

PartMaker 2013 features a restyled, more productive user interface. Headlining the improvements is the Job Explorer tree, which makes navigating machining-function windows and part features faster. Additionally, a number of new controls have been added to the software to make operation even more intuitive. Also, a number of diagrams in the software have been recast and revamped to give the program a fresh look. While the user interface enhancements are numerous, PartMaker 2013 has retained its traditional work flow, with its industry leading ease of use, so existing users will not have to worry about any relearning: they will just be able to be more productive.

A new ASM high-end milling module replaces PartMaker's Surface Machining Wizard module for surface machining of free-form shapes. For existing PartMaker users, the upgrade to ASM will be provided free of cost and the transition will be very easy to make. The benefits of the ASM module are numerous. In particular, it will allow faster toolpath calculation, greater tool control and improved surface finishes.

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ecVision Announces Mobile Application Functionality for International Supply Chains

3 January 2013

ecVision, the supply chain collaboration platform provider for retail, announced today that it will demonstrate the mobile application capabilities for retailers at the [National Retail Federation Big Show](#) in January 2013.

"Mobile accessibility within the supply chain improves flexibility and collaboration because it increases the speed of communication between internal, cross-functional teams and international supplier/partner networks common in the retail space," says Thomas Ng, CEO for ecVision. The use of mobile platforms also better aligns with the lifestyle of the user; busy professionals are comfortable using mobile devices and working un-tethered more effectively manages their time.

ecVision Suite[®] is a set of supply chain collaboration best practices delivered in a cloud-based platform that optimizes product lifecycle and supply chain processes. Through multi-enterprise integration, visibility and collaboration tools used by retailers, brands and the multiple tiers of global trading parties, organizations can:

- lower design/production costs
- improve profitability and productivity
- mitigate risk against failures, costly fines and blocked sales

To better support ecVision users with mobile forms and offline capabilities, some of the Best Practice applications in ecVision Suite[®] are available for use on the iPhone, iPad, iPad Mini and Android mobile devices. Today, these apps are available. In the near future, the entire product suite will be enabled for Safari and Google Chrome browsers. Currently ecVision's mobile Apps are available for:

Image Capture and Sharing - By utilizing the built-in camera native to these mobile devices, users can capture images of materials or product samples.

Mobile Product Inspection App - This App provides leading-edge offline, mobile capabilities for material and finished goods inspections to be conducted anywhere.

Mobile Factory Audit App - Like the Product Inspection App, Factory Audits can be conducted using the offline functionality in this App and synchronized with the Factory Compliance Best Practice in ecVision Suite.

Mobile Reporting and Analytics - With this App, users can view critical milestone information, exception reports and key performance indicators unique to the ecVision Suite.

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Visit ecVision at the NRF Big Show at booth #1375 on January 14-15 for a presentation called "Mobile Applications for Supply Chain Collaboration" showing the latest iPad technology. Email at us-marketing@ecvision.com for more information.

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OPEN MIND Exhibits at SolidWorks World 2013

3 January 2013

CAD/CAM software manufacturer OPEN MIND Technologies AG will present *hyperMILL*[®] 2012 at SolidWorks World 2013. OPEN MIND will demonstrate efficient machining strategies SolidWorks[®] users can access directly from their software environment with *hyperMILL*[®] at Booth 810 at the Walt Disney World Swan and Dolphin in Orlando, Florida, from 20 to 23 January 2013.

"SolidWorks World is very important for us as we are experiencing a great deal of demand from SolidWorks[®] users," says Alan Levine, Managing Director of OPEN MIND Technologies USA. "This demonstrates the excellent continuity from the CAD software to *hyperMILL*[®] all the way to the milling machine." OPEN MIND will also be presenting a customer case Fifth Axis Fixtures in the Certified Partner Theater on January 20 at SolidWorks World.

Seamless workflows. The seamless integration of *hyperMILL*[®] for SolidWorks[®] allows continuous processes from the drawing right through to the machine. This means the CAD and CAM systems work with the same data model and therefore draw on a common data foundation. There is no loss of data between CAD and CAM steps. Integrating the two systems also means that SolidWorks[®] users do not have to leave the familiar user interface.

"SolidWorks[®] is probably one of the most important CAD systems on the market, which is why we place great emphasis on providing users with a continuous workflow. This helps to eliminate errors and ensures a transparent process," says Alan Levine.

Examples of new features. Highlights of Version 2012 include automated programming options for rectangular pockets, optimisations for 3D roughing and new 5axis strategies for applications such as machining impellers and blisks. The solution significantly reduces manufacturing times thanks to new machining strategies, and we were also able to further accelerate tool path calculations during program generation. For example, during 5axis contour offset machining with *hyperMILL*[®], users now avoid redundant movements thanks to the new axial sorting option that makes it possible to divide machining into zones. This allows corners or pockets, for example, to be machined individually one after another. The user can decide whether to process the geometries with axial sorting or whether to use an offset-level approach.

One of the enhancements to the 3D pocket milling is that the entry ramp can be moved continuously in one direction. The pocket is then cleared from the outside in. Advantage: Thanks to the continuous

inward movement of the ramp, the tool path is optimised, and zig-zag movements are avoided.

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Turkish Engineers Evaluate WorkNC CAD/CAM for Automotive Applications (SESCOI)

21 December 2012

More than 100 people attended a recent [WorkNC and SolidWorks CAD/CAM](#) seminar in Bursa, Turkey hosted by Armada Yazilim and sponsored by Walter Tools. Armada Yazilim, the Turkish distributor for WorkNC and a leading SolidWorks reseller, is headquartered in Istanbul and has eight offices throughout Turkey.

Automotive OEMs in Turkey who use [WorkNC CAD/CAM](#) include Fiat and Ford, and the event, which took place in the heart of the country's automotive industry, focused on automotive applications, including 5-axis machining.

5-axis machining allows more of a complex component to be machined in one setup and has the advantage of enabling engineers to use shorter and more rigid cutters. The result is improved surface finish, faster manufacturing times, increased accuracy and longer tool life. In particular, [WorkNC](#) makes it possible to economically machine hard materials at high speed using the trochoidal and smooth machining strategies in the software. For manufacturers, this can result in a reduction or elimination of EDM operations, removing a complete step in the manufacturing sequence.

A presentation of [WorkNC V21](#) showed how the software's parallel processing can calculate lengthy toolpaths extremely quickly, taking advantage of the latest multi-core computer hardware. Additionally, participants could see how [WorkNC's Auto5 module](#) makes it easy for any company to produce safe, efficient 5-axis toolpaths by automatically converting 3-axis programs.

Armada Yazilim CEO, Atakan Akçay says, "We have the capability to deliver highly productive solutions throughout Turkey. We are delighted that so many people chose to attend our seminar, which shows the level of interest there is in advanced CAD/CAM techniques. At this event, we showed how it is possible to implement new technology with the right software solutions and support. I feel sure that with the encouragement of automotive OEMs, the 5-axis and advanced CAD/CAM systems we offer will proliferate throughout the supply chain."

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Financial News

Delcam Achieves Record Orders in December

3 January 2013

Birmingham-based CAD/CAM developer Delcam is pleased to announce that, in line with the trading update made on 18 December 2012, it achieved a new one-month record in December 2012 for orders of software licences and maintenance contracts. Orders increased by more than 10% over the December 2011 figure, completing a record quarter to end the year.

The growth came not only from the company's established markets in the automotive and aerospace industries but also from newer markets, such as the dental sector. There were particularly strong performances by the company's Beijing and Philadelphia offices, its Italian subsidiary and its Korean joint venture. In addition, the year has seen a large number of significantly improved results from Delcam's international sales network.

This latest achievement follows the highest-ever first-half sales by the company, in the six months to 30 June 2012, continuing the trend that has seen the company set new record levels of sales for five consecutive half-year periods.

Clive Martell, Chief Executive of Delcam, said, "December is traditionally the best month of the year for our software business and it is encouraging to see that we continue to set new records. I am delighted that Delcam has ended an already strong year on a new high.

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Infosys to Announce Third Quarter Results on January 11, 2013

28 December 2012

Infosys Limited will announce results for its third quarter ending December 31, 2012 on Friday, January 11, 2013, Indian Standard Time (IST) (on the night of Thursday, January 10, 2013, US Eastern Time (ET)). The results will also be available on the Infosys website www.infosys.com.

Following the release, Infosys CEO & Managing Director, Mr. S.D. Shibulal, CFO, Mr. Rajiv Bansal, and other members of the senior management will comment on the company's performance.

Mr. S. D. Shibulal and Mr. Rajiv Bansal will be part of a detailed discussion on CNBC-TV 18 as part of its 'Boardroom' series from Bangalore at 10:15 a.m. IST on January 11, 2013 (this will not be telecast in the US). An archive of this event will be uploaded on www.infosys.com after 2:00 p.m. IST on January 11, 2013 (after 3:30 a.m. US ET on January 11, 2013).

Financial results to mobile phone users in India

Highlights of the results will be made available to mobile phone users in India through SMS. To access the highlights on SMS, type "**R Infosys**" ("R" space "Infosys") or "**Results Infosys**" ("Results" space "Infosys") and send it to 51818 (which is CNBC on your handset). Results on SMS will be available after 10:00 a.m. on Friday, January 11, 2013.

Earnings call I

(2:00 p.m. - 3:00 p.m. IST; 3:30 a.m. - 4:30 a.m. ET)

The company will conduct an hour-long conference call at 2:00 p.m. IST (3:30 a.m. ET) on January 11, 2013 (**open to investors/analysts in all regions**), where the senior management will discuss the company's performance and answer questions from participants. To participate in the conference call, please dial the numbers provided below 10-15 minutes before the scheduled start time of the call. During this interim, the operator will provide instructions on how to ask questions. As participation in the call is limited, early registration (by calling the numbers 10-15 minutes before the scheduled start time) is encouraged.

This event will be webcast live on the Internet, following which it will be archived at www.infosys.com. The archive will be available after 5:00 p.m. IST on January 11, 2013 (after 6:30 a.m. US ET on January 11, 2013). In addition, a transcript of the conference call will be available at www.infosys.com.

Earnings call II

(7:00 p.m. - 8:00 p.m. IST; 8:30 a.m. - 9:30 a.m. ET)

The company will also conduct an hour-long conference call at 8:30 a.m. ET (7:00 p.m. IST) on January 11, 2013 (**open to investors/analysts in all regions**), where the senior management will discuss the company's performance and answer questions from participants. To participate in the conference call, please dial the numbers provided below 10-15 minutes before the scheduled start time of the call. During this interim, the operator will provide instructions on how to ask questions. As participation in the call is limited, early registration (by calling the numbers 10-15 minutes before the scheduled start time) is encouraged.

This event will be webcast live on the Internet and an archive can be accessed at www.infosys.com after 11:00 a.m. ET on January 11, 2013 (after 9:30 p.m. IST on January 11, 2013). A transcript of the conference call will be available at www.infosys.com.

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OpenText to Report Second Quarter Fiscal Year 2013 Financial Results

4 January 2013

Open Text™ Corporation today announced that financial results for its second quarter fiscal year 2013 will be released on Thursday, January 24, 2013 at approximately 4:00 p.m. ET.

Teleconference Call

Mark J. Barrenechea, OpenText CEO and Paul McFeeters, OpenText CFO will host a conference call on January 24, 2013 at 5:00 p.m. ET to discuss the company's financial results.

Date: Thursday, January 24, 2013

Time: 5:00 p.m. ET/2:00 p.m. PT

Length: 60 minutes

Where: 416-644-3414
800-814-4859 (Toll Free)

Investors should dial in approximately 10 minutes before the teleconference is scheduled to begin. A replay of the call will be available beginning January 24, 2013 at 7:00 p.m. ET through 11:59 p.m. on February 7, 2013 and can be accessed by dialing 416-640-1917 and using passcode 4588113 followed by the number sign. For more information or to listen to the call via web cast, please use the following link: <http://www.opentext.com/2/investors/ir-events.htm>.

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Implementation Investments

City of Fairfax, Virginia Selects Innovyze for Smart Water Network Modeling Solution

2 January 2013

Innovyze, a global innovator of wet infrastructure modeling and simulation software and technologies, announced that the City of Fairfax Utilities Department, Virginia, has chosen the company's *InfoWater* to replace its existing water distribution modeling solution. The purchase equips the City with a full range of high-performance ArcGIS-centric (Esri, Redlands, CA) water infrastructure analysis and management capabilities, enabling it to address critical design, operational, security, and water quality issues with maximum effectiveness and to improve customer service.

The City of Fairfax Utilities Department is responsible for providing safe potable water and reliable wastewater service to 11,500 city and contiguous Fairfax county customer accounts, including George Mason University. The City's wastewater system consists of 100 miles of wastewater pipelines and its water system comprises 200 miles of pipelines. The City will use *InfoWater* as the basis for developing a comprehensive GIS-based solution for modeling and master planning to optimize its capital

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improvement program as well as evaluate water quality protocols.

“The *InfoWater* software is a robust and comprehensive water network modeling solution that we believe the City can manage utilizing employees that will perform hydraulic modeling as a co-lateral responsibility,” said Rick Thoesen, Director of Utilities for the City of Fairfax. “We wanted an integrated modeling approach that combined the data rich capability of ArcGIS and our smart meters with advanced modeling features that our technicians can easily learn and implement without having the need for an in-house expert — one that allows us to enjoy powerful software that is intuitive and friendly to our users.”

Built atop ArcGIS, *InfoWater* seamlessly integrates sophisticated analytics, systems dynamics and optimization functionality directly within the ArcGIS setting. From fire flow and water quality simulations, valve criticality and energy cost analysis to pressure zone management and advanced Genetic Algorithm and Particle Swarm optimization, the *InfoWater* product suite comes equipped with everything water utility owner-operators need to best plan, design, operate, secure and sustain their distribution systems. The software also serves as a base platform for advanced smart network modeling, operational, capital planning, and asset management extensions. Among these critical applications are *IWLive* (real-time operations and security), *InfoWater UDF*(unidirectional flushing); *CapPlan* (risk-based capital planning); *InfoMaster* and *InfoMaster Mobile* (asset integrity management and condition assessment); *InfoWater MSX* (multi-species, temperature, and particle transport/deposition modeling); *InfoWater BTX*(event/particle backtracking); *InfoSurge* (surge/transient analysis); and *Sustainability* (carbon footprint calculation).

“Top water utilities are consistently opting for the comprehensive smart water network modeling and management solutions we provide,” said Paul F. Boulos, Ph.D., BCEEM, Hon.D. WRE, Dist.D.NE, F.ASCE, President and Chief Operating Officer of Innovyze. “Water utilities worldwide are under ever-increasing pressure to improve the management of their aging assets and optimize operational and capital expenditure. Our advanced technology equips utilities with the ultimate decision support tool for optimal results. Innovyze is very proud to partner in the success of the City of Fairfax. Our goal will always be to provide our customers with solutions that create the ultimate modeling experience.”

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Richard Childress Racing Puts CNC Machining On Fast Track With Simulation

2 January 2013

Richard Childress Racing (RCR), one of the predominant names in NASCAR Sprint CUP racing, knows a little bit about the value of getting on track and up to speed quickly. It is part of the organization’s culture. So when its machine shop, where custom parts are manufactured for RCR race cars, was losing four to eight hours of machine cycle on critical “first piece” parts, it was a detriment to that culture of speed.

Rick Grimes, Manufacturing Manager for RCR, said, "We have to turn parts quickly in this business. We are a week-to-week operation. Our shop is frequently asked to program a part from scratch and get it

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out to the machine, then get the parts made and out to the track before the next race. Naturally, we are eager to do whatever it takes to reduce the time between creating the model and having the completed first piece in our hands."

Ironically, to speed things up the shop was in the habit of slowing processes down to avoid potential crashes that could scrap a part and miss a deadline. Tedious hours were spent at the CNC machine controllers, meticulously stepping through first piece part programs, one line at a time, to avoid a potential cutting tool crash.

Of course, the obvious solution was to use some sort of process simulation package. RCR's PTC Pro/Engineer software came with a basic simulation utility that allowed the programmer to view movement of the tool around the part. However, it did not simulate the path of the tool and holder in relation to the machine itself or the vices and fixtures set up on the machine's table. During product research, the programming team found highly sophisticated software available to do this, but also discovered that those complex packages can cost far more than the CNC machine itself. In addition, learning to use this high-end, complicated simulation software was a time-consuming proposition. This was not an option for an organization that must turn new part design and production around in less than a week.

Giant Step

First piece manufacturing took a giant step forward at RCR in 2010 when its CAD software reseller, 3HTI, suggested that they take a look at a new simulation software package called NCSIMUL, developed by Spring Technologies, a French company that had just established a North American subsidiary organization headquartered in Cambridge, Massachusetts. NCSIMUL is an affordable yet comprehensive software solution for simulating, verifying, optimizing, and reviewing CNC machining programs. It can be used in conjunction with CAD/CAM software. In the case of RCR, it was PTC Pro/Engineer.

Clifton Kiziah, Manufacturing Engineer at RCR, was assigned the task of learning and implementing the software. Training sessions were divided into small, digestible modules that he was able to fit into his hectic schedule. Total time spent in training took less than two days and these hours were spread out over several weeks.

He was then ready to apply the software, which is designed to improve CAM generated CNC manufacturing programs in three ways: First, the software analyzes the CAM program itself, so that coding errors in the program can be corrected before the postprocessor generates G-Code that is sent to the machine. Second, the software analyzes the G-Code itself to see how the program performs in relation to the part, the machine setup, and the machine itself. Errors are flagged so that the user can correct the code and eliminate any potential crashes. Third, the software verifies the part geometry against the model, based on the toolpaths themselves and a kinematic model of the specific machine tool that the part is to be cut on.

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Grimes said machine model and machine-specific license for NCSMUL was part of the purchase price. He said that ensuring that the NCSMUL's machine-specific features operated flawlessly was a team effort between RCR, machine tool builder Okuma, and Spring Technologies.

Lost Time Recaptured

Kiziah said that performing a complete simulation with NCSIMUL takes about 15 minutes. All of this happens at the PC computer desktop, so that no machining time is lost while the next CNC manufacturing program is being analyzed. Grimes said that his shop might be called upon to manufacture unique first piece parts several times a week. Before the company installed NCSIMUL, many hours of machining time were lost while painstakingly slogging through the code. This lost time has now been recaptured.

For example, RCR was called upon to machine a heavily revised Oil Cooler Valve Body for the Inline Oil Filter Assembly, a critical part of a race engine's oiling system. RCR had machined the original Revision A part several years earlier, but, Revision B had extensive changes to it. The Valve Body part runs on the 4-axis Okuma MA-500HB Horizontal Machining center because of its complexity. There are two operations with multiple B-axis rotations.

RCR faced some challenges with this new revision. Due to the extreme complexity of the part, some surfaces had to be partially machined in the first operation and then completed in the second operation. "Before NCSIMUL, we had no way to program and simulate the second operation using the stock that remained from the first op" said Kiziah. NCSIMUL allowed RCR to accurately know how much stock remained for removal in the second operation. RCR was even able to export the Op 1 remaining stock from NCSIMUL for use in Pro/Engineer. Once the second operation was programmed and posted, both operations were simulated together in NCSIMUL. This was done to verify that all surfaces of the part had been properly finished without any program errors or collisions between tooling and fixturing. In the past, without NCSIMUL, RCR would have had to blindly proof the program out on the machine. If some surfaces didn't clean up, the operator and machine would have had to wait around until the programmer re-worked the program. This would in turn waste several hours of machine time. Without NCSIMUL, the original Rev. A 1st piece part took 8 hours to proof out. This time around, with the power of NCSIMUL, the Rev. B 1st piece part was proofed in only 4 hours.

Similar savings are accumulating throughout the week, saving time, reducing costs, and making RCR even more competitive at the track.

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Product News

BETA CAE Systems S.A. Announces the Release of the new Version v14.0.0 of the ANSA & μETA Pre- & Post-Processing Suite

28 December 2012

BETA CAE Systems is proud to release the new version v14.0.0 of our ANSA & μETA pre- and post-processing suite, with outstanding new software features and tools, which enhance the user experience and increase the simulation processes performance.

Driven by their customers' requests and inspired by the Industry's requirement for further simulation process improvement, they deliver a wide range of innovative new tools that bring CAE pre- and post-processing to a higher level.

Notably, in this version, they introduce, among others, the synchronized release of the components of our suite. The installation of the software suite is now driven by a unified installer that provides an easy-to-use and automated step-by-step installation procedure.

Notable New Features and Tools for Pre-processing

- A new Graphical User Interface improves the working efficiency through additional icons, a new layout, and colored grouped toolbars.
- The Selection tool has been enhanced and made available for all functions.
- CATIA, NX, Pro/ENGINEER and SolidWorks CAD files can now be directly opened in ANSA.
- A new interoperability with SpaceClaim allows direct geometry modifications, through an export-modify-retrieve loop.
- A new volume meshing algorithm allows now to generate trimmed hexahedral and polyhedral elements without the need for watertight volume definitions.
- A new tool has been introduced for rapid basic volume entities creation.
- Boolean operations with volume and faces are now available.
- The usage of size boxes has been extended to also control the element length for all shell mesh-improvement functions.
- A new dynamic interface for the Connection Manager simplifies and enriches the assembly operations.
- The Part Manager provides now easier model handling through a new configuration tool that organizes and handles a model into different configurations.
- The Comparison tool has been simplified and improved, through the usage of more filtering tools, smart navigation, advanced settings and the support of a new option to compare two models independently from the one currently open and regardless of their format.
- New SESTRA, THESEUS, pre-processing interface modules are now available.
- The Kinetics module now supports static equilibrium, contact, Initial Conditions, and Kinematic

simulations.

- Additional keywords for all Solvers are now supported (i.e. LS-DYNA *ALE, *FSI and ABAQUS *CO-SIMULATION).
- New Morphing Boxes are now available (i.e. Tetra, Pyramid) providing flexibility in adjusting boxes to more complex geometry. Additionally, 1-D morphing entities are now supported.
- A Library of predefined shapes (i.e. L, I, Z), allows for rapid creation of new Cross Sections.
- Python is fully supported by ANSA, as its main scripting language, while ANSA retains compatibility with the legacy BETA script language.

Notable New Features and Tools for Post-processing

- A new Graphical User Interface improves the working efficiency through additional icons, a new layout, and colored grouped toolbars.
- Asynchronous reading of results now allows working on META while reading results. Additionally the loading process can be canceled.
- JT files can now be read and saved. CFD++ geometry and result files are now supported. Additionally, h3d files are also supported.
- New features on existing decks are added including:
 - Abaqus elements related to geomechanical analysis (C3D[4-20]P elements).
 - VDI2014 composite results for Nastran and Abaqus.
 - Nastran sensitivity results from .op2 and .pch files.
 - The direct support of .op2 files in 2D Plot.
 - Nastran DMIG elements and associated Strain energy results.
 - Support of different mesh per time step for OpenFoam.
- Vector results are now handled separately through a different label menu and a different fringebar.
- Visualization of material and fiber orientation has been added.
- New identification entity (Parametric Point) can perform queries in the inner area/space of elements. Additionally the definition of parametric points either on a line or on a circle through specific GUI is added.
- Medina and ANSYS results are now supported in Linear Combination tool.
- The MetaDB Translator is now available in the standard μ ETA installation allowing for batch-saving results in .metadb files.
- Report Composer has been improved in the creation and the editing of tables. Hyperlinks work also when showing the presentation through μ ETA. PDF report has been enhanced with searchable text and links.
- NVH ANSYS results are now supported in MAC, Modal response and FRF Assembly tool. Cavity modes can now be imported from a separate .op2 file in Modal response tool. Auto-grouping of curves output from Modal Response and FRF Assembly tools is now available. Moreover, ERP toolbar that calculates equivalent radiated power results has been added.

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- Calculation of responses with respect to a user-defined local coordinate system is now available in Modal Response and FRF Assembly.
- Streamlines can now be animated as moving segments, particles, or arrows.
- Python is fully supported by μ ETA, as its main scripting language, while ANSA retains compatibility with the legacy BETA script language.

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Edgecam Files Managed in Autodesk Vault

2 January 2013

The latest release of the market-leading CAM software, Edgecam, contains a direct interface with Autodesk Vault 2013, allowing users to manage their Edgecam files in it.

Autodesk Vault 2013 is a data management tool integrated with the Autodesk Inventor series and Autodesk Inventor Professional that many Edgecam users run as their preferred CAD System. Edgecam is a certified partner product for Autodesk Inventor.

Storing the design and Edgecam manufacturing in Autodesk Vault enables design teams to track work-in-progress and maintain version control over their individual jobs in multi-user environments. It allows them to organise and reuse designs, reducing the need to recreate designs from scratch.

Vault can automatically capture the revision history of the Edgecam part files, reducing the danger of version control errors by securely releasing and tracking files, ensuring that team members access only the correct revision of the data.

Vault's seamless integration into Edgecam's menu structure follows the same style as Autodesk Inventor, meaning its commands are readily available during a work session. Users access the Vault directly from its menu in Edgecam to check part files in and out, undo check outs and view the change history.

When Edgecam files containing an Inventor model are checked out of the Vault and loaded into Edgecam, any recent changes to the Inventor model are recognised, flagging up the opportunity to update it in the Edgecam part.

The Vault functionality implemented for Edgecam is available in all versions of Autodesk Vault 2013 – Vault Basic, Vault Workgroup, Vault Collaboration and Vault Professional.

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IntelliCAD Technology Consortium Announces Release of IntelliCAD® 7.2a

28 December 2012

The IntelliCAD Technology Consortium (ITC) has announced the release of IntelliCAD 7.2a.

IntelliCAD 7.2a is a maintenance release that contains more than 700 improvements and fixes to areas required by members and their users since the IntelliCAD 7.2 release in June 2012. In addition to conversion support for 2013 .dwg files, IntelliCAD Version 7.2a includes general performance enhancements and improvements to printing, entity editing, dimensions, entity snapping, and many other areas.

When asked about the year-end update to IntelliCAD, David Lorenzo, ITC Development Director commented, "Throughout 2012, more and more ITC members have delivered their products based on the IntelliCAD 7 platform to end-users. This release in particular is focused on improvements as IntelliCAD reaches a wide variety of end users."

Interested IntelliCAD users can contact ITC members to receive details about availability of IntelliCAD software.

Companies interested in more details about IntelliCAD and membership in the ITC should contact the ITC directly. For more information about IntelliCAD and the ITC, including case studies, please visit <http://www.intellicad.org/>.

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ModuleWorks Release Latest 2012.12 CAD/CAM Components

28 December 2012

ModuleWorks has announced the latest release of its CAM components, version 2012.12. The new release, the 3rd major update of 2012, offers many new features across the entire product range, further expanding capability for 3-5 Axis machining and simulation.

ModuleWorks is at the forefront of 5-Axis machining and Simulation technology, providing the machining and simulation technology that powers many of the popular CAM systems available today.

Highlights of the new release are shown below:

5-Axis Machining

SWARF machining has been redesigned to simplify and speed up programming. Automatic tool placement to give best fit contact between tool and surface is now the default setting and eliminates the

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need for manual settings. Geometry selection is easier with automatic side selection and multiple surfaces or entire bodies can now be specified as input.

A new Port machining product provides a complete CAM solution for port type geometries. Highly automated for fast programming, the new product provides roughing and finishing along and around the port with automatic area, side and spine detection.

Additional tool control options have been added to aid collision avoidance and ease of use. Automatic tilting can be used to tilt the tool away from collision with the tool tilting away in either or both the lead-lag and side direction.

5-Axis laser and wire application have improved capability. Markers can be used for laser machining to indicate corner motion and these can be used to lower power setting to avoid burning of the part. Wire EDM application can now specify the initial drill hole and use this as the start position for the toolpath.

3-Axis Machining

A new parallel roughing strategy is available for efficient machining of longer parts. The toolpath is a parallel cut pattern with user specified depth increment trimmed to stock to minimize air cutting.

3-Axis machining now includes engraving capability for machining of lettering and other fine detail. Both roughing and finishing are provided.

All 3-Axis strategies now allow user specified feed rates for each of the different link moves between passes and regions of the toolpath.

Simulation

Stock removal using the 3-Axis and Turning Cutsim engines now provides the option to automatically remove free floating 'chips' generated during simulation.

There is now improved support for insert based cutters. These tools have a non-cutting region at the center of the tool; collision detection and material removal now handles this part of the tool such.

Additional rendering options are now provided. A background watermark/logo (company logo) can be specified and wireframe geometry can also be displayed to give an improved visualization of 5-Axis motion.

The 2012.12 release is now available to all partners from the customer download area at www.ModuleWorks.com.

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