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Acquisitions

Trimble to Enhance its Office-to-Field Platform with the Acquisition of Google's SketchUp 3D Modeling Platform

26 April 2012

Trimble today announced that it has entered into a definitive agreement to acquire SketchUp®, the 3D modeling tool, from Google. The transaction is expected to close in the second quarter of 2012, subject to customary closing conditions and expiration of the waiting period under the Hart-Scott-Rodino Antitrust Improvements Act. While financial terms are not being disclosed the transaction is not expected to be material to 2012 earnings per share.

SketchUp is currently used by millions of users annually—ranging from architects to engineering and construction firms to building and design professionals—for designing, modeling and visualizing projects. The SketchUp product and its vision of "3D modeling for everyone" has allowed modelers worldwide, across a wide range of industries, to express design concepts easily, accurately and efficiently. Additionally, SketchUp users benefit from its extensive third-party developer community that provides industry-specific solutions for a variety of customers.

As part of the SketchUp platform, Trimble will also partner with Google on running and further developing SketchUp's 3D Warehouse, an online repository where users can find, share, store and collaborate on 3D models. The site enables users to create collections of models, including 3D

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Buildings, and share them with fellow modelers around the world. Individual models can be loaded, saved and viewed in 3D from within SketchUp or a web browser. For the foreseeable future, Google will host and operate the 3D Warehouse for Trimble and together the companies will continue to offer the same capabilities, functions and services that are offered today. The ability for users to submit 3D Buildings for potential acceptance and viewing in Google Earth will be maintained. Currently the 3D Warehouse has almost two million user-generated models.

"SketchUp and the corresponding 3D Warehouse provide an important element of our long term strategy by enhancing the integration of our field presence with the wider enterprise," said Bryn Fosburgh, Trimble vice president. "Trimble has already created the de-facto standard for field data models and project management tools for our key markets. SketchUp, together with these existing capabilities, will provide a stand-alone and enterprise solution that will enable an integrated and seamless workflow to reduce rework and improve productivity for the customer. Users will be able to collect data, design, model, and collaborate on one platform. The combined capability will enhance our ability to extend our existing market applications including the cadastral, heavy civil, and building and construction industries. In addition, the SketchUp platform will enable Trimble, third-party developers and our distribution partners to efficiently develop new applications."

"Since its inception, the SketchUp team has been committed to providing a robust, user-centric solution to its community and we look forward to engaging their talent and expertise. Beyond extending the reach of the product into Trimble's commercial markets, we are committed to continuing to provide SketchUp as a free version to millions of users. Trimble and Google will also continue to collaborate on utilizing other Google tools for Trimble's markets that, along with SketchUp, will provide our customers innovative and productive tools that transform their work," concluded Fosburgh.

"In Trimble, we found a partner that will grow SketchUp in a way that best supports the SketchUp team and our users," said Brian McClendon, Google's vice president of engineering. "While at Google, the SketchUp community grew significantly because the team put users first, and we are confident they will continue to do so at Trimble. We at Google look forward to a continued partnership with Trimble and the SketchUp team."

SketchUp

As a part of Google, SketchUp's charter was to empower a worldwide community of users to create 3D models for whatever their imagination could envision. Examples range from household furniture to famous stadiums and other buildings. These users come from a variety of backgrounds, with a large part of SketchUp's user community coming from a professional architectural or engineering and construction background. As a part of Trimble, SketchUp will continue to support all of its current users through its Web site at: <http://sketchup.google.com>. Concurrently, the SketchUp engine will be integrated into Trimble's current solutions in its Engineering and Construction, Field Solutions and Mobile Solutions segments.

About Trimble

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Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location—including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics, Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

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Wipro to Acquire Analytics Co, Promax Applications Group

30 April 2012

Wipro Limited today announced that it has signed an agreement to acquire Promax Applications Group (PAG), a leading player in trade promotion planning, management, and optimization solutions space for a total purchase consideration of AUD 35 Million.

As per industry estimates, consumer focused companies spend 12 to 25% of their gross annual sales on trade promotions. Organizations are increasingly leveraging analytics to enhance effectiveness and maximize the return on investment (ROI) of their spend on trade promotions.

"Analytics is a key growth driver of Wipro's growth strategy. The acquisition of Promax Applications Group will strengthen Wipro's positioning and capability in management, analytics & optimization of trade promotions, and further extends our leadership in analytics and information management services. Combining PAG's deep industry expertise with Wipro's proven experience in delivering end-to-end large business solutions to global clients, will enable our clients to maximize the ROI of Trade Promotion spends", said K.R Sanjiv, Senior Vice President and Global Head, Analytics and Information Management, Wipro.

Don Nicol, CEO of Promax Applications Group, added "We are excited and proud at the prospect of joining Wipro which is recognized globally for its comprehensive portfolio of services and, strategic focus on advanced analytics capabilities. PAG will help Wipro to differentiate its offerings in the trade and marketing management space through an added value proposition. The combined entity will provide clients access to an enhanced portfolio of technologies and solutions, and provide employees enhanced training, growth and career opportunities."

Avendus Capital acted as the exclusive financial advisor to Wipro on this transaction.

Completion of the acquisition is subject to customary closing conditions and regulatory approvals and

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will be closed in the current April-June 2012 quarter. The newly formed entity will be called as Wipro Promax Analytics Solutions Pty Ltd.

About Wipro Limited

Wipro provides comprehensive IT solutions and services, including systems integration, Information Systems outsourcing, IT enabled services, package implementation, software application development and maintenance, and research and development services to corporations globally. Wipro Limited is the first PCMM Level 5 and SEI CMM Level 5 certified IT Services Company globally. Wipro also has a strong presence in niche market segments of Infrastructure Engineering and Consumer Products & Lighting. For more information, please visit our websites at www.wipro.com

About Promax

Promax Applications Group (PAG) is a world-leading specialist in trade promotion planning, management, and optimization solutions. With headquarter operations based in Australia and offices now in New Zealand, Japan, Central Europe, United Kingdom and North America, PAG boasts an impressive stable of global consumer goods companies. Promax solutions are result of more than twenty years' experience working in close collaboration with leading consumer goods manufacturers, retailers and distributors.

Promax solution has been designed to allow a seamless, automated process to Track, Predict and Optimize promotions and trade spend. It incorporates the most sophisticated tools to maximize a client's return on trade spend investment, and deliver optimal outcomes for retail partners. For more information, please visit www.promaxtpo.com

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CIMdata News

Inforum 2012

1 May 2012

CIMdata recently attended Infor's Inforum 2012 in Denver, Colorado. For 2012, the event was combined with the former Lawson CUE user conference. It was positioned as a global event with attendees interested in all of Infor's business lines and geographies supported. Infor stated that they expected over 5,000 attendees. The theme for Inforum 2012 was "Go Faster" and Infor continually discussed speed as the driving factor for businesses in today's global marketplace.

Charles Phillips, Infor's CEO, was the keynote speaker on the morning of Monday the 23rd of April. He discussed the evolution of Infor, particularly the new management team and product strategy. He stated that they have transitioned from a company that was just making acquisitions to one that is increasing

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their investments in research and development to create new products and solutions for their customers. Mr. Philips also stated they while they announced they would hire 400 new software engineers in their last fiscal year, they actually hired over 600. He went on to state that they are organized by industry and have and are currently developing micro-vertical applications in each of their focus sectors. Their overall approach is to find the common elements across segments and incorporate them into their core products.

Key to Infor's strategy is ION—Intelligent Open Network. ION is meant to provide a loose coupling of applications based on XML document exchange, a form of Service Oriented Architecture (SOA). ION is the vehicle for integrating Infor's multiple product suites into seamless environments and is also the mechanism for integrating with other products and applications including legacy applications, such as those that run on AS 400s. However, ION is more than just an integration mechanism—it is an IT platform and includes multiple services including a common user interface (UI), data vaulting, real-time access to standard business services such as purchase orders, business intelligence and a searchable, filterable Twitter-like data feed called Infor10 ION Pulse. All ION-managed information transfers are captured and maintained in a business vault that is then searchable. This provides a single source of knowledge across all ION-enabled applications.

They have (for ION powered applications) developed and are delivering a consistent UI across all products called ION Workspace. Workspace allows flexible tailoring by users and provides many social computing paradigm capabilities. The other big factor for Infor is “context.” They have built a context engine within ION and in all applications are working to provide functionality in context to the user—search, display, dashboards, analytics, reporting, etc. This is another core component of their approach to a commercial grade user experience. All users want to work “in context” so that they get precisely the information they need, when they need it, in the form in which they need it. Infor's support of context across their business solutions should help improve user productivity and their customers' competitiveness. This is another positive step in Infor's new product development strategy that enables customers to better leverage Infor solutions.

Infor believes that ION, with its loosely coupled architecture, is a distinct competitive advantage enabling them to win significant new business both in the installed base and in competitive procurements. Their strategy is to “Engineer for Speed” and “Specialize by Industry,” and use ION to deliver a common user experience across the entire suite of Infor offerings. A good example of this strategy is Infor10 Process (Optiva) in which they have used ION to integrate their least cost formulation and global label capabilities with their advanced planning capabilities within their ERP suites. This enables their customers to rapidly and dynamically adjust their product planning based on formula changes driven by ingredient costs as well as to create new product variations.

Infor also announced the integration of Infor10 PLM Process (Optiva) and Lawson M3 ERP Enterprise designed to provide a complete process industry-specific application that enables customer to more quickly develop and deliver products that meet regulatory and statutory requirements. Infor10 PLM Process (Optiva) and M3 ERP Enterprise are brought together pre-configured using the ION technology and Infor10 Workspace to provide a common user interface across PLM, ERP, and other Infor applications. The integrated applications provide a more complete solution that supports the business

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cycle from concept generation and product development, through to sourcing, manufacturing, sales, and finance, connecting the product development and production processes.

Infor also demonstrated and discussed their mobile strategy, which has been designed to enable users to work via the cloud on multiple devices (e.g., iPad, iPhone, and Android based). However, the Infor10 PLM solutions are not currently updated to be mobile solutions (they are on the long term roadmap). They are incorporating social media paradigms within all their products.

Infor also has an aggressive cloud program and are delivering several new capabilities via the cloud. Their objective is to provide customers with the ability to deploy via the cloud or on-premise interchangeably. Two new capabilities announced at Inforum are Local.ly (not yet released) and Update S. Local.ly is designed to enable customers to develop their tailoring and customizations in the cloud so that they can be easily upgraded over time. Update S essentially enables customers to create a cloud-based sandbox to test releases and customizations prior to upgrading their production systems. The ION Connect service provides connectors that link cloud based and on premise solutions. This enables customers to determine where it is best (in terms of performance, cost, support, etc.) for them to execute the specific functionalities they need to improve their business and personnel productivity.

Infor, with their new management team and product strategy, has made significant changes in their product suite. CIMdata is very positive about these changes. With ION as the underlying platform they are delivering a very broad scope of solutions that can work together seamlessly. More importantly, by creating a set of common services and technology, they are enabling their customers to continue to leverage their previous investments as they move forward with new solutions and technologies. By incorporating mobility applications and an ability for companies to work with applications and functions both on-premise and via the cloud, we think Infor will be able to provide a level of flexibility that can enable their customers to improve their operational effectiveness while maximizing their IT investments. This will be especially important to Infor's small to medium size business (SMB) customers who have the same business needs as large enterprise companies but need to be able to continue to use their current solutions with less IT investment.

Infor has transitioned from a "buy customer base and let everyone do their own thing" to a company that is providing leading technologies and solutions that deliver broad, tailored capabilities that support industry specific needs. They are providing solutions that incorporate and leverage the many acquisition investments they have made in the past. Infor's new strategy and technology platforms should significantly improve their competitiveness in the global enterprise software market. By providing an effective integration platform (ION) that provides information in context within a common user experience, Infor has strengthened its ability to compete in the enterprise software market, not as just a provider of applications, but as a provider of solutions tailored to a company's needs.

Infor has a broad installed base (reported to be over 70,000 customers) and the ability to use ION to deliver seamless working environments and user experiences across their many different business solutions provides an opportunity for major growth both in the SMB markets and with larger enterprise customers.

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At Inforum there was clear customer enthusiasm for Infor's new direction and the solutions they are delivering. CIMdata shares that enthusiasm and believes that Infor can become a major force in the enterprise software market.

About CIMdata

CIMdata, an independent worldwide firm, provides strategic management consulting to maximize an enterprise's ability to design and deliver innovative products and services through the application of Product Lifecycle Management (PLM). CIMdata provides world-class knowledge, expertise, and best-practice methods on PLM. CIMdata also offers research, subscription services, publications, and education through international conferences. To learn more about CIMdata's services, visit our website at <http://www.CIMdata.com> or contact CIMdata at: 3909 Research Park Drive, Ann Arbor, MI 48108, USA. Tel: +1 734.668.9922. Fax: +1 734.668.1957; or at Oogststraat 20, 6004 CV Weert, The Netherlands. Tel: +31 (0) 495.533.666.

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Company News

Adraft Gains New Consulting Specialization Designation from Autodesk

1 May 2012

Adraft, Inc., an Autodesk Gold Partner specializing in providing engineering solutions to the manufacturing and plant design communities, has earned the new Consulting Specialization designation for value added resellers from Autodesk, Inc. As an Autodesk Consulting Specialized Partner, Adraft has shown that they have made significant investment in their people, they have a solid consulting business plan, they have reference able customers, and that they offer a high level of knowledge and support to customers in the Manufacturing industry.

“Adraft is honored to be among the first resellers in the nation to achieve the Consulting Specialization from Autodesk,” said Julia Grant, CEO of Adraft. “This authorization confirms that Adraft has demonstrated the ability to successfully implement Autodesk solutions in order to assist our customers to achieve their engineering objectives. Adraft has consistently provided consulting and support services to our customer base for over 23 years, and will continue to pursue specialized service offerings as technology and our customer needs change”.

The new Autodesk Partner Specializations enable partners to highlight and brand their expertise in delivering services in key industry areas. By completing the required curriculum and training, as well as meeting required levels of service and standards set by Autodesk, Adraft demonstrates through their strong customer service and support in sales what it means to be a trusted adviser to Autodesk customers throughout the world.

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ANSYS Announces Strategic Agreement with FMC Technologies

30 April 2012

ANSYS and FMC Technologies have executed a long-term strategic agreement for simulation software that can standardize design analysis and provide scalability for growth.

The energy industry is under incredible pressure to increase efficiency, maximize recovery and decrease environmental impact. Furthermore, production equipment such as subsea trees, manifolds and wellheads must operate reliably under extreme conditions throughout increasingly longer lifetimes. In addressing these concerns, ANSYS® solutions provide multiphysics depth and breadth, accuracy, and high fidelity to deliver innovative products and processes.

“As oil and gas operations move to deeper water and more remote sites, the known engineering challenges become far more complex and require innovative new engineering solutions. Through this agreement, ANSYS and FMC can work together to address current and future industry issues,” said Ahmad Haidari, global director, energy and process industries for ANSYS.

About FMC Technologies, Inc.

FMC Technologies, Inc. is a leading global provider of technology solutions for the energy industry. Named by FORTUNE® Magazine as the World's Most Admired Oil and Gas Equipment, Service Company in 2012, the Company has approximately 14,900 employees and operates 27 production facilities in 16 countries. FMC Technologies designs, manufactures and services technologically sophisticated systems and products such as subsea production and processing systems, surface wellhead systems, high pressure fluid control equipment, measurement solutions, and marine loading systems for the oil and gas industry. For more information, visit www.fmctechnologies.com

About ANSYS, Inc.

ANSYS brings clarity and insight to customers' most complex design challenges through fast, accurate and reliable engineering simulation. Our technology enables organizations — no matter their industry — to predict with confidence that their products will thrive in the real world. Customers trust our software to help ensure product integrity and drive business success through innovation. Founded in 1970, ANSYS employs more than 2,200 professionals, many of them expert in engineering fields such as finite element analysis, computational fluid dynamics, electronics and electromagnetics, and design optimization. Headquartered south of Pittsburgh, U.S.A., ANSYS has more than 60 strategic sales locations throughout the world with a network of channel partners in 40+ countries. Visit www.ansys.com for more information.

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Aras Becomes Signatory Member of The Codex of PLM Openness

1 May 2012

Aras® today announced that the company is a signatory member of the Codex of PLM Openness (CPO) and has posted a public statement about its commitment to openness on its website at <http://www.aras.com/company/commitment.aspx>

The joint development of a Codex of PLM Openness (CPO) was initiated in 2011 under the auspices of the ProSTEP iViP Association. The CPO is a voluntary self-commitment for industrial and IT companies, aiming at implementing or offering highly integrative solutions for seamless data processes in PLM.

With the CPO, IT providers, integrators and customers have developed for the first time a common understanding on the subject of openness of IT systems in the context of PLM. Essential elements of the CPO are voluntary self-commitment of participating companies and definition of measurable must-, should- and may-criteria. The main categories of the CPO are: interoperability, infrastructure, expandability, interfaces, standards and architecture. For more information, please visit <http://www.prostep.org/en/cpo.html>

“Openness is fundamental at Aras. From our technology to our business model, open is at the heart of everything we do,” said Peter Schroer, President of Aras. “We applaud ProSTEP for taking the initiative to formalize the tenants of the CPO and look forward to the benefits it will bring to the PLM industry.”

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Aras Expands Global Operations and Opens Japanese Headquarters

2 May 2012

Aras® today announced expanded operations in Asia and the opening of its Japanese headquarters in Tokyo, Japan. The expansion is in response to growing demand globally for the Aras Innovator suite of PLM solutions. As part of its newly extended operations, Aras will add consulting and support operations, and strengthen its current partner network throughout the region. The announcement was made at ACE 2012 International, Aras’s global community conference.

Aras is the developer of Aras Innovator®, the fastest growing PLM solution in the industry. Based on an enterprise open source model, only Aras offers complete PLM functionality for unlimited users with no

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PLM license cost. Leading companies throughout the world, including Seiko, Hitachi, Mitsubishi and NOK in Japan, rely on Aras to improve time to market, reduce costs and maximize profitability. “In today’s market with short product lifecycles and dynamic conditions, businesses need next generation PLM solutions that can keep pace with ever-changing demands. Aras expansion in Japan offers companies throughout the region a highly flexible, scalable and secure PLM solution that drives results and provides a distinct competitive business advantage,” said Masahiko Hisatsugu, President of Aras Japan.

Aras Japan marks the company’s second regional headquarters, complementing Aras EMEA in Switzerland. In addition, in December of 2011 Aras doubled the space of its global headquarters in Andover, Massachusetts, U.S. to accommodate future growth. Aras has more than 80 partners around the world and its PLM technology is used in more than 140 countries around the globe.

“The response to Aras has been very strong in Japan and we are pleased to increase our investment in the region. Leading businesses throughout Japan, like many around the world, recognize the value of the Aras platform and business model. Our customers are able to significantly reduce the risk of a global PLM deployment while enjoying a true partnership with their provider,” said Peter Schroer, President of Aras.

For more information please visit <http://www.aras.jp/>

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Aras Names Masahiko Hisatsugu as President of Aras Japan

2 May 2012

Aras® today announced the appointment of Masahiko Hisatsugu as President of Aras Japan. Based in the new Aras headquarters in Tokyo, Japan, Mr. Hisatsugu will lead the Aras expansion in the Japanese market, overseeing strategy, channels, market development, corporate community and customer satisfaction. The announcement was made at ACE 2012 International, Aras’s global community conference.

Aras’s expansion in Japan marks the company’s second regional headquarters, complementing Aras EMEA in Switzerland, and is a continuation of the ongoing growth trend at Aras. In December 2011 the company announced that it was hiring <http://www.aras.com/company/careers.aspx> and had expanded global headquarters in Andover, Massachusetts, USA.

“I am proud to join the Aras executive team, and I look forward to working with the Aras employees and our partners around the world to help Japanese businesses improve product lifecycle management with the next generation PLM solutions from Aras,” said Masahiko Hisatsugu, President of Aras Japan.

CIMdata PLM Industry Summary

With over 20 years of experience, Masahiko Hisatsugu is one of the foremost authorities on PLM in Japan. He was the first Metaphase (now Siemens PLM), consultant, introducing PLM to the Japanese market and working with industry leaders including Toyota, Konica Minolta, Mitsubishi, Toshiba and Canon. Later, he was recruited by SAP to build and run SAP PLM in Japan, where he developed business solutions, drove strategic marketing and established the consulting methodology. Mr. Hisatsugu is the author of the book “How to Develop a PLM System” (available on Amazon.com) and most recently founder and President of Progress Partners Consulting, a Japanese PLM consulting firm.

“The breadth and depth of Masahiko Hisatsugu’s PLM expertise in Japan is unequaled,” said Peter Schroer, President of Aras. “His knowledge, leadership and experience will be a great benefit to our customers, our partners and our company as we expand the Aras presence in Japan. We are extremely pleased to have him leading this effort.”

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Atos and SAP Deepen Relationship to Bring Greater Levels of Agility to Businesses Around the World

3 May 2012

SAP AG and Atos, an international IT services company, today announced a strengthening of their global relationship that will lead to even closer cooperation. Atos has signed a global value-added reseller (VAR) agreement and is now authorized to resell SAP products, services and support through a single global framework. As a global VAR of SAP, Atos becomes a one-stop provider of SAP® solutions, underlining its commitment to support businesses in their drive for innovation and agility.

Atos is one of only three SAP partners participating in the global VAR program, empowering it to provide customers with greater value. This enables the company to help customers to tap into the power of SAP solutions through one supplier in one step.

“This new level of delivery, scheduled to roll out to key markets by the end of the second quarter of 2012, will help cement our reputation as a true, global powerhouse provider of SAP solutions,” said Francis Meston, executive vice president and head of Global System Integration, Atos. “Our reputation has been developed through thousands of engagements to consolidate and harmonize business landscapes with effective ERP offerings. As a global VAR, we will expand our offerings to become one of the largest providers of SAP solutions in the world.”

Through this global VAR agreement, Atos is elevating its long-term relationship with SAP, developed over more than 30 years, to a new level. It capitalizes on and leverages Atos’ existing status as an SAP channel partner, SAP global services partner and SAP-certified provider of application management and hosting services. With seven dedicated service centers, Atos already has expertise delivering application management services in support SAP solutions worldwide. It also enhances Atos’ ability to deliver SAP

CIMdata PLM Industry Summary

solutions via a single global framework, deepening Atos' vision to become a leading provider of SAP solutions in key industries and territories.

“As our latest global VAR, Atos has transformed from a high-growth local reseller to a global, relevant partner that has strengthened its SAP expertise through deep investment,” said Eric Duffaut, president, Ecosystem & Channels, SAP. “This new level of cooperation will enable Atos and SAP to broaden our successful partnership and deliver increased value to customers. It will also open new opportunities for SAP, allowing us to benefit from Atos' unique business technologist worldview.”

The global VAR program is highly selective and has specific entry requirements, such as geographic coverage, reseller and services practice coverage, as well as specifically defined revenue achievements for SAP solutions. The program demonstrates another way that SAP supports and enables its partners to overachieve in their businesses.

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Autodesk Software Helps Clean Tech Company Fuel ‘Smart Water’ Networks

30 April 2012

Autodesk, Inc. has named Israel-based clean technology company HydroSpin as Autodesk Inventor of the Month for April 2012. The company used Autodesk Inventor software and other Autodesk Digital Prototyping tools to develop a micro-generator solution that produces energy from the flow of water inside distribution pipes, saving hundreds of hours of development time and hundreds of thousands of development dollars.

“The demand for safe and clean water is growing exponentially. With the help of Autodesk design and simulation technology, we are creating a solution that enables water monitoring devices to be deployed in locations that do not have ready access to an electrical supply”

The generators power a wide range of “smart water” devices that monitor the movement and quality of water, along with other parameters, throughout the distribution network. In turn, the devices transmit data that might indicate a leak or a broken pipe, helping to prevent waste of one of the world's most precious resources.

“The demand for safe and clean water is growing exponentially. With the help of Autodesk design and simulation technology, we are creating a solution that enables water monitoring devices to be deployed in locations that do not have ready access to an electrical supply,” said Gabby Czertok, CEO of HydroSpin.

Simulating Performance Through Digital Prototyping

CIMdata PLM Industry Summary

As a member of the Autodesk Clean Tech Partner Program — an initiative that provides Autodesk Digital Prototyping software to emerging and established clean tech companies — HydroSpin was able to access a variety of Autodesk tools that sped up the product development process, while local Autodesk reseller Omnitech provided training and support.

HydroSpin used Autodesk Inventor software to support the design of its generator — which is similar in appearance to a fan-like turbine — so that it fit precisely within the confines of the Israel national water company’s detailed specifications without disrupting the flow of water. This helped avoid the “head loss” that could cause customers to experience weak water pressure.

Using Autodesk Simulation CFD software, the design team was able to perform extensive stress tests and flow simulations on the generator to ensure that it could withstand the flow of water at a variety of pressures over an extended period of time.

The company reports that Autodesk Simulation CFD was able to provide insight on the long-term performance of its generator within a matter of hours — a process that otherwise would have required an actual generator to be placed inside of a pipe for hundreds of hours at a cost of several hundred thousand dollars.

“Clean technology companies like HydroSpin save significant time and money when they incorporate Digital Prototyping tools into their workflow. This kind of efficiency enables more resources to be dedicated toward innovations that can have a real impact and create a better world,” said Robert “Buzz” Kross, senior vice president, Design, Lifecycle and Simulation at Autodesk.

About the Autodesk Inventor of the Month Program

Each month, Autodesk selects an Inventor of the Month from the users of Autodesk Inventor software, which takes manufacturers beyond 3D to Digital Prototyping. Winners are chosen for engineering excellence and groundbreaking innovation. For more information about the Autodesk Inventor of the Month Program, contact them at IOM@autodesk.com

About the Clean Tech Partner Program

The Autodesk Clean Tech Partner Program supports the efforts, innovations and environmental advancements of clean technology pioneers, providing world-class software to design, visualize and simulate their ideas through Digital Prototyping. Clean tech companies in North America, Europe, Japan, and Singapore are invited to apply to receive up to \$150,000* worth of software for only \$50. Access to a collection of Autodesk industry-leading software includes up to five licenses each of Autodesk Product Design Suite Ultimate, AutoCAD Revit Architecture Suite, Autodesk Simulation Mechanical, Autodesk Inventor Publisher and Autodesk Vault Professional software.

About HydroSpin

Founded in 2010 and based in Israel, HydroSpin has developed a unique solution that incorporates in-pipe generators for generating electricity from the flow of water inside pipes and powering smart water monitoring and transmission devices. For additional information, visit www.hydrospin.net

About Omnitech

Omnitech is authorized as the only certified instruction center for Autodesk products in Israel, serving as part of the Autodesk Training Center. The Company, founded in 1979, is part of the Malam Team Group, and it stands out in its ability to respond to the multihued range of technological demands and to supply preferred technology solutions to organizations of all sizes and to all sectors of activity. For additional information, visit <http://omnitech.co.il/>

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AVEVA Opens New Office in Wroclaw, Poland

3 May 2012

AVEVA announced today it has opened a new office in Wroclaw, Poland. Serving the Polish market, the office will offer sales and support for all of AVEVA's solutions and consulting services.

"Poland is a growing market with many chemical, petrochemical and power plants", commented Helmut Schuller, Senior Vice President- Central and North EMEA, AVEVA. "Poland has an excellent pool of highly skilled engineers and is very competitive so it's no surprise that more engineering projects are coming into the market. EPCs are growing and asking for reliable 3D design and engineering solutions and owner operators are seeking strategies for plant lifecycle management. There isn't a better time for AVEVA to establish a Polish base for sales and support across this region."

Hans van der Drift, Executive Vice President - Sales, AVEVA added, "We work with some of the biggest names in Poland. Our software is used by many EPCs and owner operators. As these companies grow and optimize plant performance, it's vital that we have a local presence in order to fully engage with our customers and understand their needs. We look forward to welcoming many new customers from Poland to the AVEVA World Community."

AVEVA Poland supports over 30 customers in the oil & gas, power and chemical industries.

The new office address is:

AVEVA GmbH
Minska 54-56
54-610 Wroclaw

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Delcam Launches New Turkish Subsidiary

27 April 2012

Delcam has launched a new subsidiary in Turkey, Delcam Turkiye, to help further increase the growth rate for the company's CAD/CAM business in the country. The launch coincided with a visit to Istanbul by Delcam Chief Executive, Clive Martell, as part of a UK trade mission led by UK Trade and Investment Minister, Lord Green, and John Cridland, Director-General of the CBI.

Delcam Turkiye will be based in Istanbul and will be staffed by local experts in CAD/CAM technology. They will support Delcam's existing resellers in Turkey and help to strengthen the company's profile in the country.

"We enjoyed our most successful year so far in Turkey during 2011, with sales increasing by over 20%," claimed Mr. Martell. "All the indications show that manufacturing in Turkey will continue to grow strongly over the coming years so we felt it was the right time to add a direct subsidiary. This will help to maximize our ability to take advantage of the many opportunities for our software in the country."

The trade mission, which took place on 26th and 27th April, was the first one of its kind, focusing solely on mid-sized businesses keen to increase their exports. The mission sought to build links between UK and Turkish firms, and boost trade and investment between the two countries. Around 30 mid-sized UK businesses took part in the visit, where they met key figures from the Turkish Government and business community.

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Geraldine McBride Named President of SAP North America

1 May 2012

SAP AG today announced the appointment of Geraldine McBride as president of its North America region. In this role, McBride is responsible for all of SAP's business operations in the United States and Canada. She will report to Robert Enslin, president of sales and part of the SAP Global Managing Board.

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McBride rejoins SAP from Dell, where she served as vice president and global head for the Applications and BPO Services business, and most recently as vice president of Dell Services for Asia Pacific and Japan. In these roles, she led a team of more than 15,000 professionals building next-generation services offerings and process capabilities for Dell Services on a global basis across multiple industry verticals and market segments. During her tenure, she transformed Dell Services businesses to provide profitable growth; co-innovated with Dell customers to deliver data center, application development, application modernization, mobility and cloud-based solutions; and led sales and delivery of end-to-end Dell solution capabilities in key markets including the U.S., Europe, India, Japan and China.

Prior to Dell, McBride spent 15 years with SAP in numerous senior executive and sales management roles. She was most recently president and CEO of SAP Asia Pacific Japan, where she led the transformational growth of the company's business in the region. She also served as CEO and managing director of SAP Australia and New Zealand as well as senior vice president and general manager in North America, where she was responsible for leading the consumer and manufacturing business and building momentum within the company's customer relationship management (CRM) solutions group. During her time in North America, McBride was also instrumental in transforming SAP's go-to-market model in 2002 and helping to develop the foundation of the region's future growth and success.

"Geraldine knows our customers, understands the importance of our partners and has the experience needed to lead SAP's next chapter of growth in North America," said Enslin. "We're excited to have her back within the SAP family and look forward to her leadership and expertise in this key region."

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HCL Technologies Partners with Siemens PLM

3 May 2012

HCL Technologies Ltd. (HCL) and Siemens PLM Software today announced a partnership for the Indian market. The partnership aims to accelerate client adoption of PLM software and services thereby enhancing product development and enabling reduced time-to-market for manufacturing companies in India.

The partnership will facilitate delivery of advanced, highly flexible and scalable PLM solutions across industry verticals with specific focus onto Aerospace & Defense, Automotive and Ancillary markets. HCL's industry and process expertise combined with its system integration skills will complement Siemens PLM Software's comprehensive portfolio of proven digital lifecycle management solutions.

"Today companies want to gain competitive advantage and expand market share through faster time to market. The Siemens PLM Software partnership will help customers benefit from efficiencies in product development lifecycle thus impacting their bottom lines," said Mr. GH Rao, Senior Corporate Vice

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President and President - Engineering and R&D Services (ERS), HCL Technologies. "This partnership is yet another milestone in our engineering heritage and platform development expertise across enterprise ecosystem and adds tremendous value to HCL's service offerings."

"We are delighted to partner with HCL Technologies and are excited about the unique value proposition that our alliance can deliver to manufacturers looking to boost their innovation capabilities using PLM solutions," said Suman Bose, Managing Director, Siemens PLM Software, India. "HCL Technologies' deep domain expertise coupled with robust implementation methodologies complements Siemens PLM Software's comprehensive PLM solution suite," he further added.

HCL's PLM practice offers a wide range of implementation and maintenance services to diverse domains ranging from aerospace to power and utilities. HCL has experience in executing complex PLM systems for Fortune 500 companies over the last decade. The addition of HCL Technologies in the partner eco system will further strengthen Siemens PLM Software's efforts to help its customers maximize the return from their PLM investment.

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M2 Technologies Earns Autodesk Simulation Specialization

30 April 2012

M2 Technologies today announced that it has earned the new Simulation Specialization designation for Value Added Resellers (VARs) from Autodesk, Inc. As an Autodesk Specialized Partner, M2 Technologies has shown that they have made significant investment in their people, have a solid business plan specific to simulation, have excellent customer references, and can provide a high level of simulation knowledge, experience and support to customers throughout the manufacturing industry.

The new Autodesk Partner Specializations enable VARs to highlight and brand their expertise in delivering services in key industry areas. By completing the required curriculum and training, as well as meeting required levels of service and standards set by Autodesk, M2 Technologies demonstrates what it means to be a trusted adviser to Autodesk customers throughout the world.

"We are very pleased to receive the Simulation Specialization from Autodesk. It's an acknowledgement of the investment we made in both our sales and technical staff, to support the needs of our clients," stated Matthew Burke, principal of M2 Technologies.

In addition to the Simulation Specialization, M2 Technologies also currently holds the Autodesk Gold Partner, Autodesk Authorized Training Center (ATC) and Autodesk Consulting Services authorizations. The addition of the Simulation Specialization further demonstrates their expertise and consistency.

For more information call 877.311.6284 or visit www.m2t.com

About M2 Technologies

M2 Technologies, Inc. is a manufacturing technology firm specializing in the delivery of advanced manufacturing design solutions from Autodesk, Edgcam, and other select providers. The company helps clients design, build, implement and maintain their design automation solutions. M2 is an Autodesk Gold Partner and one of the largest volume sales organizations in the United States for the Autodesk Manufacturing Solutions Division. www.m2t.com

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Surfware Appoints VARs in Ukraine and Chile

1 May 2012

Surfware, Inc., developer of SURFCAM CAD/CAM systems, is pleased to announce the appointment of two additional partners to the SURFCAM network of Authorized Resellers. CAE Graph is the new reseller in Chile and Soft Engineering is the new reseller in the Ukraine. Both resellers will be licensing and supporting Industrial and Educational end-users of SURFCAM CAD/CAM Systems.

"We are excited to add more partners to our global network of Value Added Resellers," says Matt Soucy, VAR Channel Manager of Surfware. "As SURFCAM continues to grow and expand into these international territories, professional and capable personnel are required to support these customers. We are pleased at Surfware to have both CAE Graph and Soft Engineering as our newest resellers which will enable more manufacturing facilities in both of these countries to benefit from SURFCAM's world class precision, control, and ease-of-use."

SURFCAM products have been installed on more than 26,000 systems worldwide over the past 20 years. In that time, SURFCAM has grown to support 14 languages and has gained outstanding reputation for training and providing the highest level of technical support to its customer base. SURFCAM continues to be one of the most affordable CAD/CAM software solutions to the CNC machining market today to end-users around the globe.

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Wineman Technology Dynacar Wins CAE Innovation of the Year Award

30 April 2012

Wineman Technology today announced that Dynacar won Automotive Testing Technology International's CAE Innovation of the Year award in 2011. Dynacar is a fully validated real-time vehicle

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model simulator that allows automotive engineers to design and test all types of vehicle sub-systems in one complete and customizable environment.

Automotive Testing Technology International selected Dynacar for exemplifying innovation and excellence by providing a new tool for the automotive industry that changes the way vehicle systems and sub-systems are designed and tested. With Dynacar, automotive engineers can move away from the traditional, compartmentalized testing of individual vehicle components to an integrated, customizable, and complete vehicle test environment approach used through the entire vehicle development process.

"Wineman Technology focuses on delivering integrated and customizable automotive solutions for our customers," stated Jim Wineman, CEO of Wineman Technology. "We are honored to be recognized along with Tecnia by Automotive Testing Technology International for Dynacar and its innovation."

Created by Tecnia and productized with the help of Wineman Technology, Dynacar is a plug-in for Wineman Technology INERTIA(TM) test cell automation software and National Instruments VeriStand real-time test and simulation software. With the simulator, traditionally isolated vehicle sub-system hardware and software tests, such as ECU testing and motor simulation in dynamometers, now can be tested within the larger vehicle environment, and tests developed in the design and simulation phases can be revised all the way through the development cycle to the production floor, reducing development time and costs.

Winners of the Automotive Testing Technology International awards were published in the November/December 2011 magazine.

About Tecnia

Tecnia, the foremost private applied research center in Spain, is a multidisciplinary, private, independent not-for-profit corporation that leverages research teams' specific knowledge and experience to provide integrated solutions that create business opportunities for clients, thereby contributing to sustained economic development through technological innovation. Tecnia's Transport Business Unit develops solutions and generates business opportunities based on automotive, aerospace, and aeronautical R&D projects. Tecnia has used the Dynacar tool for the development of vehicle controllers, advanced powertrain components, and state-of-the-art test benches.

About Wineman Technology

Established in 1991, Wineman Technology, Inc. specializes in providing technical solutions for a wide range of test applications, such as dynamometer systems, servo-hydraulic systems, real time controllers and data acquisition, hardware-in-the-loop (HIL) systems, and custom testing machines. Unlike other companies where test plays a partial role, Wineman Technology's singular focus is the design and development of test equipment for advanced research and development, functional test labs, and manufacturing production. Wineman Technology's focus on test systems with a diverse range of

capabilities enables them to deliver superior system reliability, serviceability, and support.

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Events News

ADT Founder to Present Paper on 3D Multi-Disciplinary Optimization for Turbomachinery at 2012 SIMULIA Community Conference

30 April 2012

Advanced Design Technology (ADT) today announces that its founder and director, Mehrdad Zangeneh, will present on an innovative and commercially viable solution for three-dimensional (3D) multi-disciplinary optimization of turbomachinery blades at the 2012 SIMULIA Community Conference (SCC), May 15-17, in Providence, R.I., United States. Zangeneh will present his paper Wednesday, May 16, at 9:50 a.m. in Room 553 - Session 4C: TURBOMACHINERY Insight Applications.

According to SCC organizers, “Continuing a 26-year tradition of providing high-quality content and valuable exchange of industry knowledge is made possible by the dedication of our customer community. The 2012 SCC is no exception.”

The paper, entitled, “Multi-disciplinary and Multi-point Design Optimization of a Centrifugal Compressor Impeller,” will cover a commercially available solution—compatible with industrial development times—for 3D multi-disciplinary and multi-point design optimization of turbomachinery blades. The methodology combines 3D inverse design, automatic optimizers, 3D computational fluid dynamics (CFD) and 3D finite element analysis (FEA) codes. The paper’s co-authors are Jack Cofer, senior technical marketing specialist industrial equipment industry, SIMULIA; Youngwon Hahn, engineering specialist, SIMULIA; and Fred Mendonca, director turbomachinery applications, CD-Adapco.

The presentation also will highlight immediate coupling of leading commercial codes for the design, aerodynamic and mechanical analysis, and optimization of turbomachinery components. Particular emphasis will be given to improving turbomachinery components for better efficiency, wider operating range and higher reliability. Zangeneh will demonstrate how, by using TURBOdesign Suite, users achieve better know-how transfer between projects and design teams, significant reduction in design time, higher performance and noise reduction.

“ADT is pleased to showcase how application of the 3D inverse design approach for complex and contrasting multi-point, multi-objective and multi-disciplinary design objectives can result in significant reduction of development times and costs for turbomachinery original equipment manufacturers (OEM’s) and contractors alike,” said Zangeneh.

To read the abstract visit: <http://www.3ds.com/fileadmin/PRODUCTS/SIMULIA/PDF/SIMULIA-SCC->

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[2012-Customer-Abstracts.pdf](#). Visit ADT's website to arrange a demonstration of the company's unique 3D design and analysis codes. In the U.S., contact Mike Dergance, vice president of sales and marketing of TURBOdesign Technology (TDT), exclusive U.S. distributor of ADT's TURBOdesign Suite, at (412) 915-5185

About Mehrdad Zangeneh

Mehrdad Zangeneh is professor of thermofluids at University College London and founding director of ADT. For 26 years, Zangeneh has developed advanced turbomachinery design codes based on the 3D inverse design approach and automatic optimization to turbomachinery design. His research has resulted in important breakthroughs in turbomachinery and marine propulsor design, and he has been granted six international patents. In 2000, Zangeneh was awarded the Japan's Turbomachinery Society's Gold Medal, and in 2003 he was awarded the Donald Julius Grone Prize by the Institution of Mechanical Engineers in UK.

About TURBOdesign Technology, Inc.

Founded in 2011, TURBOdesign Technology, Inc. (TDT) is the exclusive U.S. distributor for the Advanced Design Technology (ADT) turbomachinery design software, TURBOdesign Suite. TURBOdesign Technology is headquartered in New York, N.Y. For more information, call (212) 837-7947 or go to: www.turbodesign-tech.com.

About Advanced Design Technology

Advanced Design Technology (ADT) is a global leader in the development of advanced turbomachinery design methods, which help not only to shorten development time but also improve the performance of turbomachinery components. ADT's aim is to put designers in direct control of the aerodynamic design and to shorten considerably the design time and time to market for a range of turbomachinery products. ADT's clients, who represent some of the leading global players in the aerospace, automotive, power generation and marine fields, have achieved significant returns on investment in terms of reduction in design times, higher performance and ease of know-how transfer among different design teams and projects. For more information, call +44 (0) 20 7299 1170 or go to: www.adtechnology.co.uk.

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AVEVA sponsors 7th Symposium on Industrial Systems and Control (SISC) 2012

1 May 2012

AVEVA today announced its participation at the 7th Symposium on Industrial Systems and Control (SISC) 2012 being held at King Fahd University of Petroleum & Minerals, Dhahran, Kingdom of Saudi Arabia on 13-14 May 2012. As well as sponsoring and exhibiting, AVEVA will present 'Process Plant Instrumentation Integrated in Engineering and Design'. The presentation concentrates on the workflow between Process, Piping and Electrical departments and how a software strategy can help to control and manage these disciplines across a global project.

“This event is very important as not only does it target engineers and associated companies, but students too, who are a key target audience for AVEVA”, said Dirk Drozd, Senior Vice President - East EMEA, AVEVA. “Our presentation will examine how the Instrument Engineering Group in process plant projects is responsible for the ‘nerve system’ of the plant. These responsibilities include the layout of any control room and control system hardware and software. One major activity of this group is to define the physical hardware elements that constitute the online and offline instruments for the project. We will demonstrate how an integrated software strategy can help to organize the workflow processes between the Process, Piping and Electrical department as part of a distributed global project.”

AVEVA will showcase one of its newest products, AVEVA Electrical, together with AVEVA Instrumentation. The combined products offer enhanced engineering, design, documentation and management for electrical and instrumentation throughout a project and across the entire lifecycle of an asset. They can be implemented stand-alone, integrated as part of AVEVA’s Integrated & Engineering Design approach or with other third party software.

The 7th Symposium on Industrial Systems and Control (SISC) 2012 has established several unique opportunities for organisations, professional engineers, and academicians to exchange technical expertise and knowledge. The meeting represents an effective platform to communicate the latest developments and experiences in the field of control, instrumentation, and automation technologies. The agenda attracts a truly dynamic and diverse audience, including: Professional Engineers, Suppliers and Manufacturers, Developers/Researchers, and Future Engineers-Students.

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Big Data a Big Topic at Advanced Analytics Seminar in London

29 April 2012

Using simulation to make sense of big data was presented this week at the Developments in Advanced Analytics Seminar held in London. The seminar focused on transforming business decision making, and examined developments in the field of Advanced Analytics, covering areas such as web analytics, forecasting and social media.

A very insightful talk from Mark Elder, SIMUL8 Corporation’s Founder and CEO, offered the audience a fresh perspective on how to make use of big data. With the vast amounts of data now gathered, simulation offers a great analysis tool for future business processes. Offering the ability to experiment to make better decisions and accelerating research and improving processes, simulation is a solution to a big problem.

By using big data with a platform like simulation, businesses will operate more efficiently and could provide services more economically. With an amount of data collected each day that dwarfs human

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comprehension, simulation could be the future of big data analysis. During the seminar Mark also covered topics like using simulation as a communication tool for better decision making and agile management.

Mark shared how to create insights to help decision makers ‘see the wood from the trees’ and gave several case study examples, from both the private and public sector. An example of an organization that had a 20% profit improvement and 5% increased productivity helped attendees understand that the vast amounts of data once analyzed can help improve processes.

With an ever increasing amount of data being gathered, it is important that this valuable data is systematically collected and stored and most importantly, analyzed. Therefore, SIMUL8 Corporation’s aim to enable decision-support tools using simulation was very well received at this event, where big data was a big topic.

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CAD Masters, Inc. to Host a Live Seminar Introducing Autodesk Infrastructure Design Suite 2013 27 April 2012

CAD Masters, Inc. today announced it will offer a live seminar on the new features of the Autodesk Infrastructure Design Suite 2013 release.

With help from Autodesk Infrastructure Design Suite, you can realize the benefits of BIM for Infrastructure. Whether working on transportation, utility, land, or water projects, BIM is an intelligent model-based process that can provide insight, helping take projects from concept to completion, faster, more economically, and with less environmental impact.

Infrastructure Design Suite 2013 is the way to leverage all of Autodesk's infrastructure technology on the entire project workflow, and is available in 3 editions to meet any workflow needs: Standard, Premium and Ultimate.

Come see the new Suites live on Wednesday, May 30th, 9 a.m. – 12 p.m. PST, at the CAD Masters Training Center in Walnut Creek, CA.

About CAD Masters, Inc.

CAD Masters, Inc. has been California’s leading CAD Implementation and Services provider and Autodesk Value Added Reseller since 1994. CAD Masters has been recognized as a valued partner by Autodesk in many ways. We are an Autodesk GOLD Partner, an Autodesk Consulting Specialized Partner, an Autodesk Government Specialist, an Autodesk Authorized Training Center (ATC), an

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Autodesk Certification Center, an AutoCAD Civil 3D Implementation Certified Expert, and a member of the Autodesk Developer Network.

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CCE to Showcase EnSuite at Siemens PLM Connection

2 May 2012

CCE, an engineering software and services company that provides solutions to leverage CAD data across the extended enterprise, announces its participation at the Siemens PLM Connection, Americas User Conference 2012, being held at The Rio All-Suite Hotel & Casino (Las Vegas, NV) from May 7 through 10, 2012.

Siemens PLM Connection is the industry's premier event for users of Siemens PLM Software like NX, Solid Edge, Teamcenter etc. It provides an excellent platform for attendees to discuss real-time problems, identify best practices, attend hands-on training & technical sessions and network with other users in the Siemens PLM ecosystem. Attendees will also be able to view latest innovations from Siemens Solution Partners at the Partner Exhibit Hall.

At Booth #61, CCE will be discussing technology solutions to automate processes that leverage CAD data to perform critical tasks across the enterprise. In this context, CCE will discuss its EnSuite software, which has a productivity apps framework to enable creation of scripts for process automation. CCE will share how EnSuite leverages CCE's Open Data eXchange (ODX) libraries to access multi-CAD data independent of CAD systems. CCE will also discuss how apps can be developed cost effectively using offshore based software engineering resources. Besides EnSuite, CCE personnel will be available to discuss its flexible Engineering and PLM Services model to maximize your investment in CAD & PLM and accelerate innovation.

“Siemens PLM Connection is a must-attend event for all users of Siemens PLM software. It gets everyone who is a part of the Siemens PLM software ecosystem under one roof to discuss latest trends and best practices. For us, this event will provide an opportunity to showcase our latest innovation, EnSuite, which includes a process automation framework to leverage CAD data across the enterprise.” says Vinay Wagle, CCE's V.P. of Sales and Marketing. “Every one from sales, marketing, purchasing, manufacturing to engineering can use the information in CAD data simply and automatically for their work using EnSuite. Our customers have found that on an average they shave between 25 to 30% off their processing time through EnSuite automation.” added Vinay.

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Design-4-Dollars: Additive Manufacturing CAD Contest

1 May 2012

CONTEST DETAILS:

Prototype Today is hosting the Design-4-Dollars contest and will be offering prize money for the most creative and groundbreaking designs submitted. All parts must be manufacturable as the winning pieces will be produced and used as showcase items for the contest's title sponsor: GPI Prototype & Manufacturing Services.

Your task is to design a part showcasing various additive manufacturing processes. The part must contain different sections, each using a different additive manufacturing technology such as: Stereolithography (SLA), Selective Laser Sintering (SLS), Fused Deposition Modeling (FDM), 3D Printing (3DP) & Direct Metal Laser Sintering (DMLS).

PRIZES:

GRAND PRIZE.....\$500 Cash

1st Runner-Up.....\$150 Cash

2nd Runner-Up.....\$100 Cash

JUDGING:

Submitted designs will be judged on a variety of criteria including creativity, complexity, originality, manufacturability & number of parts. All models will be judged and evaluated on a 1-10 point system, with 10 points being the maximum awarded. The models with the highest accumulated points will be awarded 1st, 2nd, and 3rd place respectively.

The Design-4-Dollars contest will be judged by the following service bureaus:

- 1) GPI Prototype & Manufacturing Services - www.gpiprototype.com
- 2) Dinsmore & Associates - www.dinsmoreinc.com
- 3) Midwest Composite Technologies - www.midwestcomposite.com

SUBMISSION DETAILS:

All files must be converted and submitted in STL format. If you are submitting multiple files for a single model, please submit a zip file. The maximum size for completed and assembled parts is 24" long, and any metal parts should be kept to 4 cubic inches.

Entries will be accepted until May 31st, 2012 and the winners will be announced shortly after. Winners

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will have the choice of accepting their winnings via check or PayPal. All entries must be submitted on this page using the form below. No entries will be accepted if sent via any other medium including email.

LEGAL:

By submitting an entry participants agree that the design is their original work and they have the right to submit the model(s). Each contestant agrees that the contest sponsor GPI Prototype may create and use the winning models for promotional purposes. Submitted designs will not be produced or sold without your consent.

For more information or to enter, visit: <http://www.prototype.com/design-4-dollars/>

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GibbsCAM Lets You Do More With Mazak

4 May 2012

Gibbs and Associates announced today that it continues its support for Mazak's full range of metal cutting machine tools, including multi-task machines, with its participation at the forthcoming Mazak Discover More Aerospace and Medical Manufacturing Technology Event from May 8-10, 2012 at the Mazak Northeast Regional Headquarters and Technology Center at 700 Old County Circle, in Windsor Locks, Connecticut.

The three day event will include cutting demonstrations and expert presentations by Mazak and its technology partners, including Gibbs and Associates, which will highlight GibbsCAM's capabilities to completely support the latest and most complex machine tools from Mazak.

"Having supported Mazak and its machine tools for our entire 30-year history, we are pleased to participate in its most recent event," said Roger Ablett, General Manager of Gibbs' Strategic Partner Program. "Our expertise in supporting aerospace and medical customers who demand quality, reliability and precision is a strong complement to Mazak technology, as evidenced by our powerful, yet easy-to-use, suite of CAM software, which programs the most advanced machine tools, and includes hundreds of edit-free GibbsCAM post-processors for Mazak's entire line of machine tools."

GibbsCAM, which is widely used in the medical and aerospace manufacturing communities, will provide demonstrations of its CNC programming, toolpath verification, machine-tool simulation and post-processing capabilities for 3- to 5-axis machining centers, turning centers, and multi-axis multi-task machines, addressing the toughest challenges facing aerospace and medical customers today.

Gibbs and Associates has maintained a strong partnership with Mazak for many years, working with the

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company to ensure full support of joint customers with programming function and post-processors upon the introduction of new Mazak machine tools.

To accommodate technical education, the Mazak Northeast Technology Center, in conjunction with the “Discover More” event, will host a Student Day on May 11. Gibbs and Associates, which is fully committed to industrial education, supporting many educational institutions in various ways, including software and support grants to select colleges and universities, will also participate on Student Day.

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Luxion Launches KeyShot 3D Rendering and Animation Competition

2 May 2012

Luxion is excited to announce the launch of the 2012 3D Rendering and Animation Competition. This rendering contest is launched on the cusp of the release of KeyShot 3.2 with two seats of KeyShot Pro including Animation going to the entry for Best Rendering and Best Animation.

The KeyShot rendering competition is a chance for KeyShot users, and those interested in using KeyShot, to compete among each other, displaying their ability to create stunning compositions using KeyShot. The theme of this year's competition is style and class with the challenge to render and/or animate a watch design. Entrants will use all of their creative capacity to render a captivating scene with the materials and environments of their choice.

Contestants may choose to use a supplied model (see below) or one of their own with the only requirement being that the rendering and/or animation be created using KeyShot (unmarked trial version available.) Multiple entries may be submitted. The competition runs until Midnight PST, Saturday, May 26th with the entries being judge by Luxion's staff. The winners will be announced Thursday, May 31st.

Criteria:

Create a captivating 3D rendering or animation of a watch (see file download below if a watch model is needed)

Rendering and/or animation must be done in KeyShot (any version)

Submission:

To submit your rendering to enter the contest:

- Upload your submissions to the 2012 Contest board as a NEW TOPIC using the attachment option.
- Screenshots or fully rendered images are fine.
- Multiple entries are acceptable.

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- Post edits are acceptable.

Note: It's nice to know what work went into the image! Share what modeling software or other tools are used. If post editing is done, show a before and after. It's always interesting to see!

Judged on:

The submissions will be judged on three criteria:

- Realism
- Creativity
- Composition

Prizes:

Best Rendering: KeyShot Pro with Animation

Best Animation: KeyShot Pro with Animation

Deadline:

Saturday May 26th, Midnight PST.

Announcement:

The winner will be announced May 31st on the KeyShot blog, newsletter, Facebook page and Twitter.

File Download:

A KeyShot .bip file of a watch model is available to use for the submission. This contains internal gears, has a crown, hands, and bezel, a watchband and an ever so elegant KeyShot logo emblazoned upon the dial.

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Mentor Graphics Vice President of Corporate Development and Investor Relations, Joseph Reinhart, to Present at the Bank of America Merrill Lynch 2012 Global Technology Conference

1 May 2012

Mentor Graphics Corporation today announced that Joseph Reinhart, Vice President of Corporate Development and Investor Relations, will present at the Bank of America Merrill Lynch 2012 Global Technology Conference.

Who: Joseph Reinhart, Vice President of Corporate Development and Investor Relations

When: Wednesday, May 9, 2012, 3:30 pm Pacific time

Where: The Ritz Carlton, San Francisco, CA

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PTC to Speak at Three Upcoming Investor Conferences

2 May 2012

PTC today announced that management will speak at the following conferences:

What: PTC to present at the Jefferies 2012 Global Technology, Media & Telecom Conference

When: Wednesday, May 9th, 2012 at 4:30pm (ET)

To access the replay: www.ptc.com/for/investors.htm

The audio replay of this event will be archived for public replay until 4:00 pm (CT) on May 19th, 2012

What: PTC to present at the JP Morgan TMT Conference 2012

When: Thursday, May 17th, 2012 at 9:50am (ET)

To access the replay: www.ptc.com/for/investors.htm

The audio replay of this event will be archived for public replay until 4:00 pm (CT) on May 27th, 2012.

What: PTC to present at the Barclays Capital Global Technology, Media & Telecommunications Conference

When: Tuesday, May 22nd, 2012 at 2:45pm (ET)

To access the replay: www.ptc.com/for/investors.htm

The audio replay of this event will be archived for public replay until 4:00 pm (CT) on June 2nd, 2012.

Omnify Software Speaking on ERP and PLM Collaboration at Consona Connect 2012

1 May 2012

WHAT: Consona Connect 2012 User Conference, www.consonaconnect.com

Enterprise applications that complement each other like Enterprise Resource Planning (ERP) and Product Lifecycle Management (PLM) play a key role in supporting and improving product development and achieving bottom line operational benefits. Integration between ERP and PLM systems allows direct sharing of engineering and manufacturing data through an automated process, resulting in improved data integrity across the organization.

The Omnify Software presentations, specifically for Intuitive ERP and Made2Manage ERP users, will

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offer a detailed look at Product Lifecycle Management technology and the benefits of creating an integrated environment. Attendees will learn how to eliminate manual entry of data into their Made2Manage or Intuitive ERP systems, automate and integrate engineering change, product documentation and revision management processes, adhere to compliant product development processes (RoHS, REACH, FDA, FAA, Quality), and guarantee that manufacturing is building to the latest design, every time.

Omnify Software is a Consona Technology Partner and provides an open integration to the Intuitive ERP and Made2Manage ERP products.

WHO: David Whitney, Consona Partner Manager for Omnify Software and Charles McGinley, Worldwide Applications Engineer for Omnify Software

WHEN: Monday, May 14, 2012 to Thursday, May 17, 2012

WHERE: JW Marriott Hotel, Indianapolis, IN

For more information about Omnify Software Product Lifecycle Management, please call 978-988-3800 email info@omnifysoft.com or visit www.omnifysoft.com

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Synergis Announces Synergis University 2012 Technology Event

1 May 2012

Synergis Engineering Design Solutions, a division of Synergis Technologies, Inc., announced it will hold its annual technology event on May 30, 2012 at the Sands Hotel in Bethlehem, PA. This all day event is an intense learning opportunity focused on providing design and engineering professionals with the knowledge to achieve maximum productivity, competitive business advantage and a high return on investment from their Autodesk software. Similar to last year's Synergis University, attendees will be introduced to the latest Autodesk solutions, hear about industry trends and complimentary products, and how to leverage these for maximum productivity results. This year's event will have industry focused sessions for customers in manufacturing, building and construction, and civil engineering, as well as sessions on visualization and data management solutions presented by Synergis Solutions Engineers, Autodesk personnel, and industry experts.

For the first time, Lynn Allen, Cadalyst columnist and Autodesk Technical Evangelist, will be presenting at Synergis University on the Future of Design and sharing her AutoCAD Tips & Tricks. Ms. Allen speaks to more than 20,000 users worldwide each year. For the past eighteen years she has written a column for Cadalyst magazine called "Circles and Lines" and is the voice behind the popular Cadalyst

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videos -"Tips and Tricks Tuesday with Lynn Allen".

"Synergis University is our opportunity to show customers the latest engineering design software and solutions to help them stay ahead in their businesses," said Kristen Tomasic, Vice President, Synergis Engineering Design Solutions. "This year we have a new venue with an exceptional line-up of presenters. Throughout the year we provide learning opportunities and seminars to keep customers current on industry trends and solutions; Synergis University is the largest of these, catering to all industries, software user levels, and management professionals."To learn more about Synergis University and to register, please visit www.synergis.com/su or call 215-302-3062

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Worksoft Customer to Share Test Automation Strategies at Annual SAP User Conference

30 April 2012

Worksoft® today announced that it is participating at SAP's SAPPHERE NOW and ASUG Annual Conference being held May 14 – 16, 2012 at the Orange County Convention Center, in Orlando Florida. The three-day conference offers SAP customers, partners, business team members, and industry experts a unique platform focused on knowledge sharing and networking opportunities.

During the program, Warren Kaufman, the Director of Governance at Colgate-Palmolive will present an education session that discusses how his organization leverages its investment in the SAP Solution Manager application management system with the award-winning Worksoft Certify automated functional testing tool. The session, entitled "How Colgate Leveraged the SAP Automation Framework in SAP Solution Manager 7.1 to Provide End-To-End Automation Testing of Critical Business Processes," is scheduled on Tuesday, May 15, in room S220D from 3:00 – 4:00 p.m. ET.

The Worksoft Certify Suite for SAP Applications is an integrated, end-to-end test automation solution, focused squarely on functional and performance testing of SAP application upgrades and other maintenance projects. Industry consensus is that \$.40 cents of every dollar spent supporting SAP is dedicated to testing and validating changes. The Certify Suite reduces the time, effort and cost of the SAP application testing lifecycle, accelerating customer time-to-value and significantly reducing operational costs.

Throughout the event, Worksoft staff will be available to demonstrate the Worksoft Certify Suite for SAP Applications at booth # 3331. For more information about the conference or to schedule a meeting with Worksoft please visit <http://www.worksoft.com/company/events.html>

About Worksoft, Inc.

Worksoft® is next-generation test automation that brings speed and agility to SAP® and the “ecosystem” of software that surrounds it by automating end-to-end testing, not just for SAP, but for everything SAP interacts with - even web interfaces. Unlike legacy test automation systems, Worksoft is easy to use, allowing Worksoft customers achieve 60-70% automation in 90 days - enabling “lights out” testing even for minor transports and releases. There’s a reason why over 100 of the largest SAP customers in the world use Worksoft for test automation. Discover Worksoft today. Get Agile in your SAP Ecosystem. For more information, contact Worksoft at 1-866-836-1773 or visit <http://www.worksoft.com>.

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Financial News

Actuate Reports First Quarter 2012 Financial Results

3 May 2012

Actuate Corporation today announced financial results for the first quarter 2012.

First Quarter 2012 Financial and Operational Highlights:

- License revenue for Q1 up 15% year-over-year to \$13.4 million;
- Q1 revenue included 3 transactions with a license component in excess of \$1 million;
- Q1 non-GAAP revenue of \$34.8 million, an increase of 8% from the same period a year ago;
- Non-GAAP operating income of \$8.5 million up 51% year-over-year;
- Non-GAAP operating margin of 24.4% up over 690 basis points from the year ago quarter;
- Non-GAAP fully diluted EPS of \$0.11 up 38% year-over-year;
- Total cash and short-term investments, net of debt, of \$67.7 million, an increase of \$24.8 million from a year ago;
- The Company repurchased \$5 million worth of Actuate stock in Q1. Additional repurchase of up to \$5 million of Actuate stock approved for Q2.

"Actuate has proven to be the visualization layer in the cloud, via mobile and in the enterprise for more information - including Big Data - than all other BI players combined. We are seeing solid adoption of ActuateOne and BIRT-based information visualization applications across a number of industries - including financial services, healthcare and telecommunications," said Pete Cittadini, President and CEO of Actuate. "Customers including well known investment banks and key public sector entities such as the UK's National Health Service, are deploying BIRT-based applications on a large scale in areas such as treasury management and patient care to social media and performance analytics. The lion's share of our R&D is focused on helping our customers to access, manage and visualize Big Data and

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data in all of its forms."

Revenues as reported in accordance with U.S. generally accepted accounting principles (GAAP) for the first quarter of 2012 were \$34.8 million, up 9% when compared with \$32.1 million in the first quarter of 2011. License revenues for the first quarter of 2012 were \$13.4 million, up 15% when compared with \$11.7 million in the year-ago quarter. Service revenues for the quarter were \$21.4 million, compared with \$20.4 million reported in the same quarter last year.

GAAP operating income was \$6.3 million for the first quarter of 2012, up 134% when compared with \$2.7 million in the first quarter of 2011. GAAP net income for the first quarter of 2012 was \$3.9 million, an increase of 131% when compared with net income of \$1.7 million in the first quarter of 2011. GAAP net income per diluted share for the first quarter of 2012 was \$0.07 per diluted share, an increase of 133% when compared with net income per diluted share of \$0.03 in the first quarter of 2011. Non-GAAP net income for the first quarter of 2012 was \$5.9 million, or \$0.11 per diluted share, compared with non-GAAP net income of \$4.2 million, or \$0.08 per diluted share in the first quarter of 2011. Non-GAAP operating margin and non-GAAP net income margin for the first quarter of 2012 was 24.4% and 17.0%, respectively.

Cash and short term investments, net of debt, totaled \$67.7 million on March 31, 2012, an increase of \$24.8 million from a year ago. In the first quarter of 2012 the Company repurchased \$5 million worth of Actuate stock. An additional \$5 million of Actuate stock is approved for repurchase in the second quarter 2012.

First Quarter 2012 Business Highlights:

Positive momentum in BIRT business on a trailing twelve months (ttm) basis: -- 214 BIRT license transactions, up 23 compared with the prior ttm;

- BIRT license business from open source BIRT users continues to increase, up 44% on a ttm basis;
- Number of new customer additions from BIRT up 30% on a ttm basis.
- Over 85,000 total registrations on BIRT Exchange, up from 60,000 a year ago;
- Assisting customers with their cloud strategy, ActuateOne is now VMware Ready(TM) and is listed on the VMware Solution Exchange (VSX). Passing the extensive VMware-specified testing helps ensure that ActuateOne makes best use of VMware technology in private cloud customer environments;
- Leveraging BIRT Big Data connectors for Hadoop and HIVE, Actuate has expanded its alliance network to include Cloudera and Hortonworks;
- Actuate's OEM business gaining momentum as SaaS providers & ISVs choose ActuateOne(R) as their preferred business intelligence platform. Among Actuate's 200+ OEM, SaaS and BIRT partners are some of the biggest names in software, including Computer Associates, Cisco, BMC Software, Infor, GE Healthcare and Siemens with recent additions including Integrated Data

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Services, Inc., Access Data and eMeter;

- Announced a strategic alliance with Megazone, a leading provider of IT and business transformation services. Under the alliance, Megazone will promote the use of Actuate's value-added products for BIRT, including ActuateOne, among organizations in Korea;
- A division of the UK National Health Service (NHS), South of Tyne and Wear, deployed CCG+, a powerful business application that will support Clinical Commissioning Group information requirements while driving substantial internal performance and efficiency improvements built with BIRT and ActuateOne;
- Received the MarketTools ACE Award for customer satisfaction for the fifth year in a row. The MarketTools ACE Awards program certifies, acknowledges, and celebrates outstanding achievement in customer satisfaction, employee satisfaction, and partner satisfaction;
- Actuate received a GOVTek award and named "Top Solution Provider to Watch for in 2012" by the Government Technology Research Alliance (GTRA);
- Announced the results of a benchmark proving that ActuateOne can scale to efficiently process, prepare and deliver over 40 million monthly statements;
- Independent advisory firm Dresner Advisory Services (DAS) report showed that 94% of Actuate users would recommend the Company's technology.

During the first quarter, Actuate received significant new and repeat business from, among others: Allianz General Insurance Malaysia Berhad, Avient Solutions Ltd, Bank of China Limited, Bankdata, CA, Inc., Capital Group Companies, Cisco Systems (ACS), CSC - Computer Sciences Corporation, Experian Marketing Solutions, Inc., Faceo, First Data Corporation, GENEX Services, Inc., Infor Global Solutions (Farnborough) Ltd, Morgan Stanley Smith Barney LLC, Northern Trust Corporation, S1 Corporation, T-Systems ITC Iberia SA, Venture Encoding, Verizon Communications Inc. and Xchanging Transaction Bank GmbH.

Conference Call Information

Actuate's management will be holding a conference call at 2:00 p.m. PT (5:00 p.m. ET) today, May 3rd, 2012 to further discuss these results. The dial-in number for the call is 877-407-8035 (201-689-8035 for international participants) and the conference ID is #391771. The conference call will be broadcast live on the Investor Relations section of Actuate's web site at <http://www.actuate.com/investor> and will be available as an archived replay for a limited time thereafter.

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ANSYS Delivers Record Revenue and Earnings for the First Quarter 2012

3 May 2012

Highlights

- GAAP revenue of \$185.3 million and non-GAAP revenue of \$187.5 million

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- GAAP diluted earnings per share of \$0.48 and non-GAAP diluted earnings per share of \$0.66
- Operating cash flows of \$83.6 million
- GAAP operating profit margin of 36.6% and non-GAAP operating profit margin of 50.4%

ANSYS, Inc. today announced growth in both revenue and diluted earnings per share for the first quarter of 2012. Total GAAP revenue increased by 17.3% over the first quarter of 2011 while total non-GAAP revenue increased by 18.6% over the first quarter of 2011. GAAP net income and diluted earnings per share increased 7.8% and 6.7%, respectively, over the first quarter of 2011, while non-GAAP net income and diluted earnings per share increased 17.7% and 15.8%, respectively. The growth in the first quarter was spread across all major geographic regions and among a broad array of industries.

"ANSYS is off to a strong start in 2012, as evidenced by our first quarter results. These results reflect the impact of the persistent dedication and efforts of the global ANSYS team and demonstrate our continued progress in executing on our long-term vision," stated Jim Cashman, ANSYS President & CEO. "We entered into the year with momentum, and we continue to be pleased with the combined financial performance and the integration progress of the Apache business. The results of the first quarter of 2012 are highlighted by a record deferred revenue balance of \$299.4 million, strong margins and cash flows, non-GAAP earnings in the upper end of our guidance range, major account expansion and continued growth of all major product lines. We also saw a 39% increase in our non-GAAP lease revenue for Q1 2012 as compared to Q1 2011, which is largely indicative of the influence of the Apache license model combined with the impact of some customers shifting their purchasing decisions to our annual lease offering. While the growth in our lease business does affect short-term license revenue growth, it also contributes to the deferred revenue balance and helps to build our recurring revenue base. While we continued to meet or exceed on a number of key financial metrics, we also see opportunities for focus and execution improvement. As 2012 continues to unfold, we believe we are well positioned to invest and capitalize on the global market opportunities for growth, leveraging our extensive customer base and technological leadership position to drive results and continue to deliver on our commitments."

ANSYS' first quarter financial results are presented below. The 2012 non-GAAP results exclude the income statement effects of acquisition adjustments to deferred revenue, as well as the impact of stock-based compensation and acquisition-related amortization of intangible assets. The 2011 non-GAAP results exclude the income statement effects of stock-based compensation and acquisition-related amortization of intangible assets.

GAAP and non-GAAP results reflect:

- Total GAAP revenue of \$185.3 million in the first quarter of 2012 as compared to \$158.0 million in the first quarter of 2011; total non-GAAP revenue of \$187.5 million in the first quarter of 2012 as compared to \$158.0 million in the first quarter of 2011;
- A GAAP operating profit margin of 36.6% in the first quarter of 2012 as compared to 39.4% in the first quarter of 2011; a non-GAAP operating profit margin of 50.4% in the first quarter of 2012 as compared to 49.9% in the first quarter of 2011;
- GAAP net income of \$45.5 million in the first quarter of 2012 as compared to GAAP net income

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of \$42.2 million in the first quarter of 2011; non-GAAP net income of \$62.9 million in the first quarter of 2012 as compared to \$53.5 million in the first quarter of 2011; and

- GAAP diluted earnings per share of \$0.48 in the first quarter of 2012 as compared to GAAP diluted earnings per share of \$0.45 in the first quarter of 2011; non-GAAP diluted earnings per share of \$0.66 in the first quarter of 2012 as compared to \$0.57 in the first quarter of 2011.

The Company's GAAP results reflect stock-based compensation charges of approximately \$7.8 million (\$5.6 million after tax) or \$0.06 diluted earnings per share for the first quarter of 2012.

The non-GAAP financial results highlighted above, and the non-GAAP financial outlook for 2012 discussed below, represent non-GAAP financial measures. Reconciliations of these measures to the appropriate GAAP measures for the three months ended March 31, 2012 and 2011, and for the 2012 financial outlook, are included in the condensed financial information included in this release.

To view an unabridged version of this press release, please visit:

<http://anss.client.shareholder.com/releasedetail.cfm?ReleaseID=669985>

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Aspen Technology Announces Financial Results for the Third Quarter Fiscal 2012

1May 2012

Aspen Technology, Inc. today announced financial results for its third quarter of fiscal 2012, ended March 31, 2012.

Mark Fusco, Chief Executive Officer of AspenTech, said, “AspenTech delivered strong fiscal third quarter results that exceeded our guidance on all key metrics, and was highlighted by approximately 15% year-over-year growth and 3% sequential growth in total license contract value. Customers continue to embrace our subscription-based offerings, and we are seeing strong demand and product usage patterns across our product suite, key vertical markets and geographies.”

Fusco added, “The combination of solid growth, lower than expected expenses and strong working capital management contributed to record quarterly free cash flow of \$54 million during the third quarter. In addition, free cash flow of approximately \$81 million for the first nine months of fiscal 2012 exceeds our free cash flow guidance for the full fiscal year. We believe AspenTech is well positioned to continue driving strong cash flow, which we believe will provide us with opportunities to enhance shareholder value.”

Third Quarter Fiscal 2012 and Recent Business Highlights

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- The license portion of total contract value was \$1.40 billion for the third quarter of fiscal 2012, an increase of 14.5% compared to the third quarter of fiscal 2011 and 2.9% sequentially.
- Total contract value, including the value of bundled maintenance, was \$1.59 billion for the third quarter of fiscal 2012, an increase of 19.0% compared to the third quarter of fiscal 2011 and 3.3% sequentially.
- Annual spend, which the company defines as the annualized value of all term license and maintenance revenue contracts at the end of the quarter, was approximately \$292 million at the end of the third quarter, an increase of approximately 13% compared to the end of the third quarter of fiscal 2011.

AspenTech's total revenue of \$61.3 million increased 17% from \$52.6 million in the third quarter of the prior year.

- Subscription and software revenue was \$42.4 million in the third quarter of fiscal 2012, an increase of 38% from \$30.7 million in the third quarter of fiscal 2011.
- Services & other revenue was \$18.9 million in the third quarter of fiscal 2012, compared to \$21.9 million in the third quarter of fiscal 2011.

For the quarter ended March 31, 2012, AspenTech reported a loss from operations of \$2.8 million, compared to a loss from operations of \$7.2 million for the quarter ended March 31, 2011.

Net loss was \$0.5 million for the quarter ended March 31, 2012, leading to a net loss per share of \$0.01, compared to a net loss per share of \$0.06 in the same period last fiscal year.

Non-GAAP loss from operations, which adds back stock-based compensation expense and restructuring charges, was \$0.1 million for the third quarter of fiscal 2012, compared to a non-GAAP loss from operations of \$5.2 million in the same period last fiscal year. Non-GAAP net income was \$1.4 million, or \$0.01 per share, for the third quarter of fiscal 2012, compared to a non-GAAP net loss of \$3.8 million, or (\$0.04) per share, in the same period last fiscal year. A reconciliation of GAAP to non-GAAP results is included in the financial tables included in this press release.

AspenTech had a cash balance of \$182.6 million at March 31, 2012, an increase of \$39.3 million from the end of the prior quarter after using \$11.9 million in cash to repurchase shares of common stock and reducing secured borrowings by \$1.9 million. During the third quarter, the company generated \$54.7 million in cash flow from operations and \$54.3 million in free cash flow after taking into consideration \$0.3 million in capital expenditures and capitalized software. For the nine months ended March 31, 2012, the company generated \$83.0 million in cash flow from operations and \$81.3 million in free cash flow after taking into consideration \$1.7 million in capitalized expenditures and capitalized software.

To view an unabridged version of this press release visit:

http://www.aspentech.com/_ThreeColumnLayout.aspx?pageid=2147485680&id=15032385944

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Autodesk Extends Invitation to Join its First Quarter Fiscal 2013 Financial Results Conference Call

1 May 2012

Autodesk, Inc. today announced that it will broadcast its first quarter fiscal 2013 financial results conference call live via its website Thursday, May 17, 2012 at 2:00 p.m. Pacific Time. Autodesk will host a live webcast call at www.autodesk.com/investors. An audio replay webcast and podcast will also be available after 4:00 p.m. Pacific Time on their website at www.autodesk.com/investors. For more information, please call Autodesk Investor Relations at 415-507-6705

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GRAITEC Group Announces + 19.9% Turnover Growth for First Quarter 2012

26 April 2012

GRAITEC, an international developer of 3D modeling to fabrication and structural design software for the construction industry, announces 19.9% turnover growth for the first Quarter of 2012, compared to 2011.

After a very intensive 2011, the first quarter of 2012 exceeds expectations from a turnover and margin perspective for GRAITEC.

Going more into the details, the performance of GRAITEC France, USA, Russia and Germany are absolutely remarkable. The new subsidiary in Italy has also realized a superb performance with a turnover that exceeds the objectives by +34%.

The GRAITEC Advance suite has achieved during Q1 2012 an amazing growth of +43% compared to 2011: "This is a great performance that demonstrates the growth capacity of GRAITEC solutions but also their fit to the market, customer needs and BIM environment" comments Alexandre Tartas, GRAITEC COO.

Advance Steel continues on a very positive tendency growing by almost 40% during Q1, both mature markets and new markets have contributed to this success. Alexandre Tartas comments: "The impact of the Advance Steel standalone application has not been significant during Q1, due to a pretty late delivery during the quarter. We expect a real effect during Q2 and feel very optimistic since the customer feedback is absolutely amazing. GRAITEC has also registered significant sales to Strucad customers during Q1 and many contacts have been established with companies that are using this solution and are very happy to consider Advance Steel".

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Advance Design continues to benefit from a high adoption rate especially on the French market that recognizes that GRAITEC provides the very best structural analysis solution on this market. "The quality of the solution provided such as the comprehensive international codes and the service provided by GRAITEC have highly contributed to the great Q1 result for Advance Design with 45% growth", says Alexandre Tartas.

Last but not least, Advance Concrete growth has been a strong contributor to the Advance suite performance, showing a 61% growth year to year. Alexandre Tartas comments: "We have spent a lot of time with our customers to deeper understand their expectations and have translated them in features to improve their Advance Concrete experience, we are proud to say the result of this work."

Alexandre Tartas concludes: "Q1 2012 has been a great success but is just a step in the GRAITEC 2012 road to 29 million Euros and it shows the Group capacity to grow. We expect to continue to enjoy such performance in 2012."

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OpenText Buys EasyLink Reports Third Quarter Fiscal Year 2012 Financial Results

1 May 2012

Open Text™ Corporation announced today that it has entered into an agreement to acquire EasyLink Services International Corporation, a global provider of cloud-based electronic messaging and business integration services, for \$7.25 per share in cash, for a purchase price of approximately \$310 million, inclusive of debt. Headquartered in Atlanta, Georgia, EasyLink has approximately 550 employees and TTM revenues of approximately \$186 million.

The Board of Directors of EasyLink has unanimously approved the transaction. The transaction is expected to close by mid-to-late summer 2012, subject to EasyLink's stockholder approval, certain regulatory approvals and customary closing conditions.

"Easylink is a recognized leader in cloud-based Secure Information Exchange. We see strong opportunities for our mutual customers, partners, employees and product roadmap," said OpenText CEO Mark J. Barrenechea. "EasyLink has demonstrated operational discipline and earnings as reflected in their financial results. Once the transaction is closed, we look forward to the market opportunities of offering a best-in-class combined portfolio of cloud-based services."

OpenText also announced unaudited financial results for its third fiscal quarter ended March 31, 2012.

Financial Highlights for Q3 FY12

- Total revenue for the period was \$292.3 million up 11.1% Y/Y
- License revenue was \$61.0 million, down 10.1% Y/Y; up approximately 14% on a year-to-date

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basis, Y/Y

- GAAP-based EPS was \$0.59 compared to \$0.61 Y/Y; Non-GAAP-based EPS was \$1.01 compared to \$0.91 Y/Y up 11% Y/Y (2)
- GAAP-based income from operations was \$27.3 million and 9.3% of revenues; Non-GAAP-based operating income was \$73.6 million and 25.2% of revenues(2)
- Operating cash flow was \$96.6 million, with an ending cash balance of \$509 million

Mark J. Barrenechea said "OpenText delivered our best third quarter adjusted earnings per share and cash from operations, and on a year-to-date basis our adjusted earnings per share was up 14 percent. However, our license revenue performance was impacted by sales execution issues in North America and within our Business Process Solutions (BPS) group. We've moved swiftly to take corrective actions and are confident that our organizational changes and enhancements will have a positive impact on our execution moving forward."

Barrenechea added, "After my first 120 days on the job, I am even more excited about OpenText's market position and longterm growth potential. We are a clear, trusted leader in Enterprise Content Management (ECM), and are positioned to deliver an expanding suite of secure solutions in ECM, Business Process management (BPM) and Customer Experience Management (CEM). Moreover, our large customer base, significant global distribution and expanding product capabilities puts us in an excellent position to leverage our business in rapidly growing Cloud and mobile environments. Our pipeline of opportunities is strong, and I am highly focused on putting the company in the best position to capitalize on our large and dynamic market opportunities."

Business Highlights

- Technology, services, government and financial verticals saw the most demand
- Customer successes in the third quarter include Sumitomo Heavy Industry, Conoco Phillips, NTT Comware, News International, Trinity Mirror and the Spanish Lottery
- Integrated BPM sales force; now selling BPM globally
- OpenText named one of The Financial Post's 10 Best Companies to Work For in Canada
- OpenText Extended ECM for SAP® Solutions Version 10 now includes support for the SAP Customer Relationship Management (SAP CRM) and SAP Supplier Relationship Management (SAP SRM) applications
- OpenText Tempo Enterprise and Express Editions now available for easy sharing of content in private clouds

To view an unabridged version of this press release visit:

<http://www.opentext.com/2/global/press-release-details.html?id=B6203ECCB953437089CFC00023BA9C91>

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Implementation Investments

3DPLM Software Solutions Deploys NetApp Virtualization Solutions

30 April 2012

NetApp has announced that it will help 3DPLM Software Solutions Ltd., a joint venture company of Geometric Limited and Dassault Systèmes involved in CAD and Product Lifecycle Management (PLM) product development, to make the transition to virtualized IT infrastructure. With the increasing usage of PLM in India and across the world, 3DPLM needed greater flexibility and scalability to help over 1,500 developers and engineers build better applications.

NetApp's systems and solutions, being deployed in two phases, will help 3DPLM improve the economics of their internal IT infrastructure. This will help the company increase storage capacity and lower costs. 3DPLM could save nearly 60% storage capacity due to de-duplication feature, and 20% due to thin provisioning.

Manoj Bhat, Head IT Operations, 3DPLM, said, "Our engineers work on very heavy files, and therefore good storage was one of the key elements in our transition towards a virtualized computing environment. With a fast growing business, we were also facing increasing demands of containing server sprawl. With NetApp's systems and solutions, our concerns are addressed and we will ride on the resulting flexibility and efficiency to rapidly support our users and save tremendously on power, cooling and data center space."

3DPLM carries out research and development for Dassault Systèmes products in India. 3DPLM, along with NetApp team, discussed the company's challenges for virtualization; and with the help of NetApp's Global Services team designed and deployed a solution that incorporated Cisco UCS, VMware and NetApp technologies and products to deliver a complete, end-to-end solution. Together, these features create a flexible platform that can be scaled to accommodate a variety of enterprise application workloads. Virtualizing over 350 servers will help 3DPLM save a projected 119 kWh of power and any sudden increase in the business requirement can be fulfilled without any loss of time.

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Product News

Alcove9 Launches a9 AppConnect for Aras Innovator

1 May 2012

Alcove9 announced today that the Alcove9 DeepSearch advanced data access capabilities now extend

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to include the a9 AppConnect for Aras Innovator, an effective search solution collaborated by Alcove9 in partnership with Aras PLM.

Now integrated with most PLM applications, Alcove9's unique web-based search function locates search criteria within documents and complex CAD libraries, be it: part numbers, size, textual notes, or attributes. Alcove9 supplies Aras Innovator with the geometric attributes of the queried data across multiple file formats, for accurate search results that encompass the entire Aras database, as well as that stored in other unstructured databases outside Aras Innovator.

“Alcove9 is impactful because of its comprehensive search functionality,” says VP of Product Marketing, Dick Bourke. “We are pleased that the a9 AppConnect for Aras Innovator is entrusted as the underlying data access technology in a product that maximizes efficiency, reduces cost throughout the product lifecycle, and increases the communication value of the entire product data.”

The a9 AppConnect is embedded within Aras Innovator – This component allows users to trigger searching from within an Aras Innovator working session – without a separate sign-on. To gain additional benefits from Aras Innovator, users have the ability to find and use relevant product data located anywhere in the enterprise – at the touch of a button. The essence of a9 AppConnect for Aras Innovator is to provide expanded searching capabilities that will help companies using Aras Innovator achieve their strategic objectives.

“Engineers already rely on Alcove9 to browse in multiple data silos, including CAD data like CATIA, Solidworks, NX, AutoCAD, and others,” says Sam Abu-Hamdan, Alcove9 CEO. “Now the a9 AppConnect for Aras Innovator captures the original structural intent of all of these file formats to ensure their Aras queries are just as thorough and precise.”

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Altair Strengthens Thermal Technology Offering With New HWP Partner C&R Technologies

3 May 2012

Altair today announced the addition of C&R Technologies' Sinaps® and SINDA/FLUINT thermal/fluid design software to the array of applications available through the HyperWorks Partner Alliance (HWP). Sinaps combined with SINDA/FLUINT is a comprehensive finite-difference, lumped parameter tool for heat transfer design analysis and fluid flow analysis in complex systems. It is used by more than 500 companies globally spanning the aerospace, electronics, petrochemical, biomedical, and automotive industries. Sinaps provides flow modeling analysis allowing abstraction and simplification of complex systems.

Altair HyperWorks customers can access Sinaps and SINDA/FLUINT through the HWP, a suite of third-party applications from HyperWorks partners that can be employed with the same units used to

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invoke HyperWorks software. The flexibility of these HyperWorks Units empowers users to deploy the largest and most complete suite of CAE applications available at no incremental cost and with no long-term commitment.

"SINDA/FLUINT has provided users with reputable heat transfer and fluid flow design and analysis software, which has proven itself repeatedly for several decades. This extensible tool saves time and money by giving users the means to better understand complex systems," said Brent Cullimore, president of C&R Technologies. "Sinaps and SINDA/FLUINT are used in a diverse number of industries, including electronics, automotive, petrochemical, and aerospace, for the analysis of transient two-phase flow, compressors and turbines, automated calibration to test data, and for space exploration applications. With Sinaps and SINDA/FLUINT's addition to the HyperWorks Partner Alliance, C&R Technologies has the opportunity to leverage Altair's global customer base to reach and empower engineers in new markets."

Sinaps provides advanced off-the-shelf thermohydraulic model systems while also providing an advanced design module for design optimization, test correlation, and reliability engineering. Sinaps can also be used to analyze turbomachinery and rotating passages for secondary flows. The thermophysical property database manager supports temperature-dependent properties and the fluid property library contains more than 100 working fluids, plus the option to add user-defined fluids. Post-processing capabilities allow users to visualize results, and integration with Microsoft Excel allow for tabular data postprocessing and plotting. This software is useful for engines, spacecraft and launch vehicle thermal analysis, electronics, turbomachinery, oil and gas pipelines, and alternative energy systems.

"We are very pleased to welcome C&R in the HyperWorks Partner Alliance. Adding leading solutions such as Sinaps and SINDA/FLUINT to our current technology lineup will deepen the thermal analysis offering available to our global user base," said Antoine Poussier, vice president of global partner programs at Altair. "This new partnership demonstrates once again Altair's commitment to bringing its customers the most comprehensive platform of on-demand CAE applications delivered through its innovative licensing model."

The HWPAs provide one of the most comprehensive offerings of software applications across multiple relevant domains related to computer-aided engineering. With the addition of C&R Technologies' software, the flexibility of the HyperWorks Units extends even further and increases the overall value of HyperWorks to its customers.

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Apache Design Releases Fourth-Generation Redhawk for Sub-20 Nanometer Power Sign-off

1 May 2012

ANSYS subsidiary Apache Design, Inc. today introduced RedHawk™-3DX to meet the power, performance and price demands of low-power mobile, high-performance computing, consumer and

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automotive electronics. This fourth-generation power sign-off solution delivers greater accuracy, capacity and usability for full-chip dynamic power and reliability simulation to manage power consumption and improve power delivery efficiency of advanced integrated circuit (IC) designs.

The release of RedHawk-3DX extends previous generations' capabilities to address sub-20 nanometer (nm) designs with 3+ gigahertz performance and billions of gates. It is also architected to support the simulation of emerging chip and packaging technologies using multidie three-dimensional ICs (3D-ICs) for smart electronic products.

"For more than a decade, RedHawk has been the industry standard for solving critical power integrity issues and is used as a sign-off solution by most of the world's top 20 semiconductor companies," said Dr. Andrew Yang, president of Apache Design, Inc., and vice president and general manager of ANSYS. "As power, performance and price drive advancements in semiconductors, our customers need best-in-class solutions to stay competitive. The release of RedHawk-3DX demonstrates our strong commitment in continuing to deliver innovative technologies to meet our customers' next-generation low-power requirements and capacity challenges."

Sign-off Accuracy and Coverage

To ensure the performance of next-generation ICs, engineers need greater power simulation accuracy and a more comprehensive understanding of power behavior scenarios. RedHawk-3DX improves the accuracy and coverage of dynamic power analysis by providing enhanced logic-handling capabilities. Its new event- and state-propagation technologies with vector-based and VectorLess™ modes utilize both the functional stimulus and statistical probability to determine the switching scenario of the design. The fast event-propagation engine uses register transfer language (RTL)-level functional stimulus to perform cycle-accurate voltage drop simulation. The robust state-propagation engine for the VectorLess mode enables time-domain transient analysis without actual input stimulus and includes proprietary techniques to eliminate underestimation of toggle rates associated with traditional activity-based propagation approaches. RedHawk-3DX also supports flexible mixed-excitation mode, in which some blocks use RTL or gate-level vectors while the rest of the design uses the VectorLess methodology.

Sub-20 nm design requirements for power and signal electromigration (EM) analyses are driving the need for a more accurate reliability sign-off solution. RedHawk-3DX advances EM modeling technologies by delivering current direction-aware, metal topology-aware and temperature-aware EM checks, and by expanding its capabilities to support leading foundries' complex 20 nm EM rules.

Improved Capacity and Performance

To meet next-generation system-on-chip (SoC) and multidie simulation capacity challenges, RedHawk-3DX provides a hierarchical extraction methodology and a re-architected transient simulation engine, delivering up to 40 percent speed improvement without sacrificing sign-off accuracy. The new extraction reuse view (ERV) technology optimizes a majority of the design while allowing selected critical blocks to retain full-layout details, enabling full-chip simulation with complete consideration for package impact. This approach is particularly effective in handling multicore designs. Additional performance improvements are enabled through a redesigned simulation kernel, which uses advanced

multithreaded software architecture.

Support of Advanced Low-Power Techniques

Advanced low power designs face increasing power/ground noise across the IC, package and system, which can significantly impact overall performance and silicon success. So it is critical to maintain the voltage quality on the ICs. Designers use on-chip low-drop-out (LDO) voltage regulators to ensure that the output voltage is maintained throughout various operating conditions. RedHawk-3DX enables the creation of an accurate LDO behavioral model for full-chip static and dynamic simulations to help detect and predict excessive load and line regulations.

Multidie/3D-IC Extension

Emerging chip and packaging technologies for stacked-die, 3D-IC architecture help to reduce IC power consumption. RedHawk-3DX provides a 3D-IC extension to support both concurrent and model-based multidie simulations of designs with silicon interposer and through-silicon vias (TSVs). The concurrent mode enables simulation of all chips including the interposer in full layout detail, whereas a model-based approach allows the use of a Chip Power Model (CPM™) for some of the chips.

RedHawk-3DX introduces a new multitab, multipane graphical user interface that enables greater flexibility and productivity for analyzing multidie designs. It provides the ability to view voltage drop hotspots and other results from multiple chips in a 3-D stack-up simultaneously. This versatile user environment, in conjunction with Apache's RedHawk Explorer, enables designers to qualify input data, review overall design weaknesses and debug specific hotspots – providing feedback that can lead to more robust designs.

For related downloadable images, visit www.ansys.com/newsimages

About RedHawk

RedHawk allows designers to explore and identify physical design weaknesses that can result in power delivery failure, automatically repair the supply noise source, analyze the impact of dynamic voltage drop on timing and jitter, verify power and signal electromigration (EM), validate robustness of electrostatic discharge (ESD) protection circuitry using PathFinder™, and provide a power delivery network (PDN) model for system-level analysis using the Chip Power Model. RedHawk-3DX also leverages Apache's RTL Power Model (RPM™) to provide more realistic switching activities for accurate power sign-off.

About Apache Design, Inc.

Apache Design, an ANSYS subsidiary, enables simulation-driven IC and electronic systems design by providing advanced chip-level power analysis, optimization, and sign-off solutions. Apache's integrated products and methodologies advance low-power innovation and address chip-package-system power and noise challenges. Using Apache's engineering simulation software early in the design and throughout the process enables the world's top semiconductor companies to gain a competitive advantage delivering more power-efficient, high-performance, and noise immune chips. Apache's products help lower power

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consumption, increase operating performance, mitigate design risks, reduce system cost, and shorten time-to-market for a broad range of end-markets and applications. Learn more at: <http://www.apache-da.com/>

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ArchiCAD 16 -- BIM Components at Your Fingertips

2 May 2012

GRAPHISOFT® announced today ArchiCAD® 16, the latest version of its premium BIM design software for architects. ArchiCAD 16 introduces a comprehensive ecosystem of solutions to ease the creation, sharing, and finding of custom BIM Components. Built-in Energy Evaluation turns ArchiCAD 16 into the "greenest" BIM solution available on the market today.

"Building projects - by their nature - contain numerous custom building components and structures that may require modeling capabilities beyond the standard BIM tools," said Laszlo Vertesi, VP of Products at GRAPHISOFT. "ArchiCAD 16 introduces direct modeling capabilities and cloud-integration to help users create and find the custom objects, components, and structures they need to make their BIM models complete," he continued.

MORPH TOOL - Redefining Modeling Freedom for BIM

Custom objects, components, and structures require a tool with extraordinary modeling flexibility. ArchiCAD 16 introduces direct modeling capabilities into the native BIM environment with its brand new MORPH(TM) tool. MORPH allows element creation with any custom geometry in an intuitive graphical way, featuring popular modeling techniques such as push & pull. MORPH elements can be created from scratch simply by drawing a 3D polygon or by converting any existing ArchiCAD BIM element. The MORPH tool is an optimal solution for creating custom BIM components, custom structures, and custom elements of the built environment as well as custom-designed building interiors.

BIMcomponents.com - Cloud-search for BIM Components

Building components is one of the most dynamically developing segments of the BIM industry. ArchiCAD's parametric GDL technology has been a powerful tool for professionals to create "intelligent" building components. ArchiCAD 16 fundamentally changes the possibilities the average user has to obtain custom BIM Components for their BIM projects. ArchiCAD's new modeling capabilities, connected with the cloud-based BIM Component database allow users to create, search, upload, and download custom BIM components of their choice. The fully-integrated web portal makes sharing BIM components a core community function. BIMcomponents.com also provides a central "marketplace" for all GDL objects to directly reach ArchiCAD users when they need those objects the most.

SUSTAINABILITY - Industry-first Fully BIM-integrated Energy Evaluation

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In today's environment, sustainability is an imperative for all building projects. Contrary to conventional wisdom, the main decisions influencing a building's sustainability features are made by the architects and not by the building systems engineers. GRAPHISOFT continues to innovate in "green" as well, uniquely offering the best workflow for sustainable design, integrated in its BIM authoring tool. The built-in Energy Evaluation functionality of ArchiCAD 16 is similar to the former standalone EcoDesigner(TM) product, but is based on entirely new technology (e.g. zone-boundary based building model geometry analysis, analytic weather data input option, etc.). This technology allows architects to perform reliable dynamic energy evaluation of their BIM model within ArchiCAD, relying on BIM geometry analysis and accurate hour-by-hour online weather data of the building's location.

Together with ArchiCAD 16, GRAPHISOFT also delivers important workflow and productivity updates to its growing portfolio of solutions. These include an upgraded BIM Server(TM), Cloud-integrated model sharing service for BIMx users with an active maintenance contract, and support for the IFC 2x3 Coordination View Version 2.0 for facilitating OPEN BIM. ArchiCAD 16 will be released on May 30, 2012, with shipment to customers beginning within a few weeks after the official release. Following a tight release schedule, all 26 local versions are planned to reach the market by the end of Q3 2012. For more information about ArchiCAD 16, please visit: <http://www.graphisoft.com/archicad> . For a live demonstration of ArchiCAD 16, please register for the upcoming "BIM Components at Your Fingertips" webinar on June 19, 2012.

For more information visit: www.graphisoft.com

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Arena BOMControl and Octopart Bring Real-Time Supplier Information to the BOM

30 April 2012

Arena Solutions today announced a strategic partnership with Octopart to offer Supplier Item Lookup to BOMControl customers. Supplier Item Lookup is an add-on for BOMControl that displays real-time supplier information—including datasheets, cost, availability and compliance information—alongside the parts in a BOM.

Connecting the data Octopart aggregates from leading distributors to Arena's cloud BOM and change management solution is an example of the type of collaboration that is easier in the cloud than it is in more traditional on-premise environments. "Octopart offers a truly innovative service, and we are very pleased to be partnering with them," said Arena CEO Craig Livingston. "As more manufacturing companies are beginning to embrace the cloud, and we're seeing more cloud ERP, PLM and design tools in the marketplace, we are committed to delivering on the unlimited possibilities of cloud data management by connecting distributors, designers and manufacturers directly through cloud-savvy ways. Our partnership with Octopart exemplifies how we are in a unique position to use the cloud to really automate the flow of product information between companies and radically reduce transaction costs."

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According to Andres Morey, co-founder of Octopart, “We are very excited to be partnering with Arena to provide their users with automatic, real-time product information integrated into their BOMs. Using Octopart’s API, Arena has built a powerful solution that will help manufacturing companies make design and purchasing decisions more efficiently. Octopart’s API can provide anyone access to critical product information and Arena’s application illustrates its utility.”

About Supplier Item Lookup

Supplier Item Lookup is a BOMControl add-on that pulls up-to-date supplier information from Octopart about market availability, lifecycle status and regulatory or environmental compliance. Supplier Item Lookup is available to BOMControl customers, and can be purchased for the price of one seat in BOMControl. As a special part of the new product launch, Arena is allowing both new and current customers to try Supplier Item Lookup for free until May 31st.

Arena customers can use Supplier Item Lookup to:

- Know at-a-glance if components are available for purchase, or if they will be available in the future
- Quickly determine which components meet environmental and compliance requirements for a project
- Identify potential supply shortages for essential components in a BOM or monitor items in a BOM for sudden market availability changes
- Pull up-to-date datasheets for all the parts in a BOM

“The insights provided by Arena Supplier Item Lookup will help our customers save time, reduce component risk, and make better design decisions,” says Steve Chalgren, Arena VP of product and strategy. “With one click, our customers will be able to access real-time supplier item information about components they’re evaluating or using in their designs. We believe that Supplier Item Lookup is really a game changer—no other company offers this level of data delivery at such a competitive price.”

About Arena

For over a decade, Arena has been redefining PLM with a suite of cloud applications that enable engineering, manufacturing and their extended supply chains to work better together—from first prototype to full-scale production. Arena helps innovative manufacturers bring better products to market faster with cloud PLM offerings that speed prototyping, reduce scrap and help manufacturers collaborate on product changes with strategic partners across the globe.

About Octopart

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Octopart develops search technology to help engineers and scientists build the next generation of electronic devices. The company was started in the fall of 2006 by two experimental physicists who had a vision for a more effective way of searching for electronic parts online. The company's website (<http://octopart.com>) launched to the public in March of 2007.

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Anark & Geometric Announce Anark Core™ MBEWeb™

2 May 2012

Anark Corporation and Geometric Limited announce their new 3D Model Based Enterprise (MBE) authoring and viewing capability which integrates gently into existing PLM Enterprise infrastructure.

3D Model Based Enterprise is a term coined by the U.S. Department of Defense and adopted by many commercial manufacturing companies to define:

- The reuse of 3D Model Based Definition data (e.g. 3D Dimensions and Tolerances and other Product Manufacturing Information),
- The elimination of costly and redundant 2D Drawings and 2D Technical Data Packages
- An affordable 3D MBE deployment method based on open and readily available standards.

In the case of MBEWeb, these deployment methods are through Free HTML5 Browsers and the Free Adobe Reader respectively.

Anark Core MBEWeb is a HTML publishing capability for Anark Core software, allowing users to transform native 3D CAD parts and assemblies, together with their attributes, dimensions and tolerances, product views, and other model based definition (MBD) information, into high-resolution and high-quality 3D HTML MBE documents with support for interactive ASME Y14.41 visual response. These documents are free to view within standard HTML web browsers, and can support a number of downstream manufacturing use cases. MBEWeb can also transform native JT parts and assemblies with MBD (popular in the automotive industry) into high quality and interactive 3D HTML MBE documents.

Additionally, with Anark Core MBEWeb, users can connect, transform, and associate PLM and other non-CAD manufacturing attributes into a single 'fit-for-purpose' interactive and animated 3D manufacturing process documents like 3D Animated Work Instructions, 3D Inspection documents, and 3D Request for Quotes. Helping enterprises capture and communicate manufacturing best practices both to internal operations and to external suppliers.

"MBEWeb is for non-engineers who need access to released engineering data in the context of their unique downstream processes", said Venkatesh Jagannath Senior Vice President, Consulting and

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Technology for Geometric Ltd. “By utilizing open standard HTML calls and leveraging Geometrics powerful Glovius® viewing solution based on open 3D CAD standards, these Anark authored processes can be deployed throughout the extended internal and external enterprise at no additional cost even as 3D viewing requirements grow. It neatly complements the need for users to access released engineering data in the context of downstream processes”

“Unlike other solutions, publishing up-to-date manufacturing web apps from released engineering and manufacturing data is easy to do with Anark Core MBEWeb”, said Stephen Collins President and CEO of Anark Corporation. “Additionally, by deploying fit-for-purpose manufacturing processes through open HTML and powerful 3D visualization technologies developed by Geometric, non-engineering users can get a comprehensive understanding of the original engineering design intent, as well as a fully interactive-3D understanding of their unique manufacturing process requirements. These 3D HTML manufacturing documents are always in sync with the current engineering released versions and manufacturing best practice.”

With the new Anark Core MBEWeb 3D HTML publishing capability combined with Anark Core’s easy-to-use authoring user interface, subject matter experts in manufacturing, inspection, Program Managers and/or purchasing can now easily create lightweight 3D HTML MBE documents for their in house (‘inside-the-firewall’) non-engineering users.

And since the same easy-to-use Anark Core authoring environment can also be used to publish 3D PDF MBE documents in parallel with the 3D HTML MBE documents, these same subject matter experts have the additional flexibility to distribute lightweight 3D PDF manufacturing documents to their ‘outside-the-firewall’ tier 2, 3 and 4 external suppliers—without any additional training or expertise. These 3D PDF MBE documents are also free to view by downstream users through the very popular and ubiquitous Free Adobe Reader.

With Anark Core MBEWeb, enterprise manufacturing companies can now easily turn their PLM, 3D CAD with MBD, and manufacturing data assets into fit-for-purpose, free-to-view, and always-in-sync, 3D MBE Manufacturing documents. These documents are deployable in the open 3D HTML format, the open 3D PDF standard format, or both.

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Applied Software Facilitates Rapid BIM Information Transfers for Revit® Server 13 Projects

3 May 2012

Applied Software, a Building Information Modeling (BIM) services provider as well as a provider of Autodesk 2D and 3D CAD products and services, announced today the availability of Revit®Connect, a purpose-built solution that improves and accelerates multi-team collaboration for BIM projects developed with Autodesk® Revit® Server 13. Revit®Connect enables multi-team collaboration, seamless workflows and rapid information exchanges of BIM data, preventing architectural and design

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firms from being at the mercy of slow or unreliable data connections between satellite offices and partner companies when sharing large project files over the Internet.

The existing methodology for sharing Revit files passes too much data back and forth across network connections to be practical. To solve this problem, many firms have invested in expensive software- and hardware-based wide-area network (WAN) acceleration products, which can cost tens of thousands of dollars. In contrast, Revit®Connect, in combination with Revit Server 2013, accelerates BIM file sharing for collaboration at a fraction of the cost by combining hardware- and software-aided file replication and advanced Revit file management.

"BIM project teams are becoming more connected in sharing data and even large project files, which can create additional stress on network bandwidth and on the IT team that must manage the added burden of extended teams or even additional companies," said Richard Burroughs, president, Applied Software. "Revit®Connect not only solves this problem affordably, it does it in a scalable, secure, hosted environment so that additional offices, partners and projects can be added as your project team grows."

With Revit®Connect, the internal user network stays "internal." This workflow overlay strategy produces a secure, dedicated, high-performance work environment for better results, fewer bottlenecks and greatly reduced network lag. Remote connectivity via software-based VPN solutions can support team members who may only require temporary project access, and remote Revit sessions can also be served to devices not typically able to run Revit like iPads®, smaller notebooks or home computers, allowing for short-term, rapidly-deployed connection options.

In addition, Revit®Connect provides all the benefits of a hosted solution to:

- Save significant time per project team member
- Improve multi-firm project based model management
- Eliminate working on out-of-date model versions
- Eliminate the need for costly WAN accelerators
- End complexity involved with FTP-based processes
- Improve utilization of existing corporate data bandwidth

Revit®Connect is affordably priced and available now from Applied Software.

For more information, visit:

http://www.asti.com/Products/Item.asp?Mkt=Com&ProductID=Revit_Connect

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ASCONE Releases C3D Kernel for the CAD Component Market

4 May 2012

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ASCON Group, developer and integrator of professional CAD/AEC/PLM solutions, announced today that it is making public its proprietary geometry kernel C3D as the foundation for creating computer-aided design systems and applications. The kernel is also well suited for designing computer-aided engineering (CAE) software, computer-aided manufacturing (CAM) programs for CNC machines, and modeling of engineering processes for product lifecycle management (PLM).

Development of the geometric kernel began in 1995, and then in 2000 ASCON released KOMPAS-3D v5.9, the first computer-aided design software system based on it C3D. Since then, the company continuously updated the kernel, and today is launching it as a separate product for the CAD component market. It handles all aspects of a CAD system: 2D drawing and sketching, 3D hybrid and solid modeling, parametric constraints, and translation.

“The decision to open access to our technology was the next logical step in our on-going development of the geometric kernel,” said Maxim Bogdanov, CEO of ASCON. “We are confident in the quality of C3D. For more than a decade, it has been the basis of our own line of successful CAD/CAM software.

“We see great prospects for its use, as new players appear on the market needing components for their CAD systems,” he added. “Standard 2D systems will inevitably switch to 3D, and consequently require a fundamental change to the core of the systems -- or else find a replacement. The CAD component market is changing, and so there is a place for a Russian company with 17 years experience in geometric kernel development, and whose mathematical quality is recognized throughout the world.”

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Cadence OrCAD Capture Marketplace Now Available on Desktop Browsers

1 May 2012

Cadence Design Systems, Inc. today announced the availability of its ground-breaking Cadence® OrCAD® Capture Marketplace to the entire OrCAD and Allegro® PCB design community through a standard desktop browser, as well as the addition of several new apps and a trial period for paid apps. Launched in September 2011, OrCAD Capture Marketplace extends and enhances a PCB engineer’s design environment by providing the industry’s first online store for apps, as well as access to symbols, footprints, simulation models, and PCB-design related multimedia, including application notes, movies, and whitepapers.

The expansion of OrCAD Capture Marketplace allows users to view and download content through any web-enabled device. This gives the entire engineering team easy access to OrCAD Capture Marketplace content and information. Currently, nearly a third of the apps on the website are SKILL®-based apps for version 16.5 of OrCAD/Allegro PCB Editor that provide new or enhanced functionality to the tool.

Offering a ‘try-before-you-buy’ approach, the new trial period for paid apps allows users to evaluate the full version of an app within their PCB design environment before committing to a purchase. Trial

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periods for app evaluations range from seven to fifteen days.

“In the six months that the marketplace has been active, the overwhelming response from OrCAD users has validated our vision that there is a pervasive, industry-wide need for on-demand content to enhance and extend the PCB design environment,” said Josh Moore, director of product marketing for OrCAD, System and Software Realization Group, Cadence. “Until now, access to OrCAD Capture Marketplace has only been available to OrCAD Capture users on the latest release, yet there have already been over 2,000 downloads. The expansion of our OrCAD Capture Marketplace to desktop browsers will extend access to all OrCAD and Allegro users.”

"As a PCB Editor power user, I am always looking for new ways to improve my efficiency. The online store for apps provides access to additional functionality that can make me more productive," said Dal Locke, senior designer at Convey Computer. "When the OrCAD marketplace first launched there were a number of apps that looked interesting to me; however, being in a business environment I must justify all software purchases. The new paid app trial period allows me to evaluate these apps in my unique design environment before deciding on a purchase."

Cadence and Cadence Channel Partners are continuously adding new apps to OrCAD Capture Marketplace, including EMA Design Automation's SymbolGen & FootprintGen, Nordcad's Prototype Plotting, and FlowCAD's Barcode Generator. Web access to OrCAD Capture Marketplace is available now at www.ortcadcapturemarketplace.com.

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Creaform Unveils Expanded and Enhanced MetraSCAN 3D Optical CMM Scanners Line-Up

1 May 2012

Creaform is proud to unveil its new line-up of MetraSCAN 3D optical CMM scanners – the most accurate 3D scanners for demanding quality control and reverse engineering applications.

The MetraSCAN 3D optical CMM Scanners

The MetraSCAN 3D scanners are the most accurate scanning solutions on the market, whether in lab or on the shop floor. Like Creaform's entire portfolio of measuring technologies, the MetraSCAN 3D are easy to master and use, and they take only a few minutes to set up. Featuring Creaform's TRUaccuracy technology, the MetraSCAN 3D ensure highly-accurate dimensional surface measurements, regardless of the measurement environment (instability, vibrations, thermal variations, etc.) or operator skills.

The combination of a MetraSCAN 3D CMM scanner and a HandyPROBE arm-free CMM makes for a complete and powerful measurement system for points and surfaces, and enable geometrical and freeform inspection on the same part, with the same system.

What's New

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The new MetraSCAN 3D handheld scanners are now offered in two versions:

- The MetraSCAN 70 offers optimal resolution. It is ideal for projects where geometrical feature definition is key, such as sheet metal and tooling inspection.
- The MetraSCAN 210 offers increased measurement speed. Its increased stand-off and depth of field make for enhanced scanning flexibility. It is ideal for large surface metrology and large-scale reverse engineering.
- Both 3D scanners feature the same accuracy and they have been fitted with a new light carbon structure.

“We believe that this expanded and enhanced MetraSCAN line-up fits the needs of our customers now more closely when it comes to quality control or reverse engineering applications, said Jean-François Larue, product director. What’s more, we integrated the know-how acquired on the technology since the launch of the first generation of MetraSCAN in 2010. Among all the inspection systems available on the market, the MetraSCAN 3D scanners remain best at increasing the reliability, speed and versatility of the measurement process.”

The new devices will be presented to the public for the first time during the CONTROL tradeshow in Stuttgart, Germany, from May 8 to 11 (hall 5, booth 5108).

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Delcam’s New PowerINSPECT Offers Easier Inspection, Plus Reverse Engineering

30 April 2012

The 2012 release of Delcam’s PowerINSPECT inspection software includes new options to make inspection easier. In addition, basic reverse engineering functionality has been added to the point-cloud module. Full details of the new release are on www.delcam.tv/pi2012/lz

PowerINSPECT is firmly established as the world’s leading hardware-independent inspection software. It combines the ability to work with all types of inspection device with a comprehensive range of inspection routines for taking simple measurements, for inspection of geometric features and for analyzing complex 3D surfaces. The resulting reports present detailed information in an easy-to-read format, that can be understood by all engineers not just inspection specialists.

For the 2012 release, a new mirror command has been added to save programming time for symmetrical components. This allows the inspection sequence to be mirrored from one half of a component to the other half, or from the left-hand version of a design to the right-hand copy. The new feature can also reduce the possibility of programming errors and improve the consistency of the results between the two halves or between a pair of parts.

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The range of dimensions that can be displayed on the model has been increased to include more types of distance, angle, and diameters and radii. The options to display the various dimensions from the increased range have been made more versatile, to ensure the reports remain easy to read with only the required dimensions shown in the report.

There are two important additions to the PowerINSPECT 2012 point-cloud module for laser scanners and other point cloud devices. STL export provides basic reverse engineering functionality for scanned data. The STL files can be used within Delcam's PowerSHAPE Pro design software for more advanced reverse engineering operations.

In addition, point-cloud display has been enhanced with an option to show any back-facing points in a second colour. This highlights any discontinuities in the data, including gaps or other problem areas, and so makes it easier to identify areas that may need re-scanning to capture the complete model.

Another enhancement makes it possible to measure edge points directly; it is no longer necessary to measure the surface first. This makes the process both easier and faster. However, it is recommended that both the edge and the surface should be checked if there is any likelihood of the part being distorted, for example, when checking flexible sheet-metal or composite components.

The inspection of castings and forgings, and similar near-net shapes, has been improved with the addition of a new best-fit option. This centres the component within the measurement data so that the largest possible minimum stock is located on the part. It helps to ensure that positive material exists in all areas of any semi-finished part before it is sent for further machining. The approach can be used with the PartAligner option to minimize machining set-up times.

A number of enhancements have been included to give faster and easier programming, with less chance of errors. A new "lock workplane" option automatically creates a datum scheme matching the part's coordinate system within PowerINSPECT's GD&T True Position, while standard tolerances for Limit and Fit to ISO 286 and ISO 2768 have been included so that they can be selected from a pre-defined list.

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IBM Enables Clients and Business Partners to Quickly Embrace PureSystems

30 April 2012

IBM is introducing new offerings to make it easier for business partners and clients to create "patterns of expertise", a new software capability first introduced as part of IBM's PureSystems family of expert integrated systems. These patterns are designed to radically streamline the set-up and management of hardware and software resources.

PureSystems, introduced in April, is the result of \$2 billion in research, development and acquisitions

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over four years, and has been designed to help change the economics of IT so that organizations can reduce their IT costs and complexity and put more resources towards innovation and growth.

Central to enabling and streamlining IT operations through PureSystems are these patterns of expertise. IBM announced today a new Virtual Pattern Kit to enable clients and business partners to convert technology expertise into reusable, downloadable packages of their own. This complements the patterns that are already being created by both IBM and more than 125 Independent Software Vendors (ISVs). Once designed, these patterns are embedded directly into the PureSystems machines to automate a wide range of manual and administrative IT tasks.

As part of this announcement, IBM will also offer clients and business partners access to the PureSystems family to create and test their patterns through the IBM SmartCloud. This will help organizations to radically simplify data center operations, and capitalize on the massive cost savings and efficiency gains PureSystems delivers.

"With almost two-thirds of global IT budget being spent on just maintaining their current infrastructure, it's imperative that companies find ways to reduce the complexity in their data centers," said Marie Wieck, General Manager, IBM Application and Integration Middleware. "The introduction of patterns will revolutionize how applications are being developed and managed, simplifying tasks that organizations once spent months on and allowing them to refocus on innovation."

New Resources Help Ecosystem of Business Partners and Clients to Create Applications and Patterns

By offering clients and business partners the ability to create applications and patterns of expertise of their own for PureSystems, businesses will be able to significantly lower development costs, rapidly create new solutions for clients, and fill regional or topic skill gaps. These resources are based on the expertise and experience of IBM's technical community and the developers and researchers that created PureSystems. They include:

- **IBM Virtual Pattern Kit for Developers:** This no-charge software development tool kit provides in-depth technical resources for developers interested in creating their own pattern of expertise for IBM PureSystems. The tool kit provides practical tools for developers to test out patterns of expertise by creating applications that run on PureSystems and the ability to begin the development work to create patterns of expertise. The tool kit will help companies move their applications from creation to testing and availability in the IBM PureSystems Centre. For patterns of expertise, the tool kit will help companies begin the development work and prepare to collaborate with IBM to finalize the project. Once partners develop their own optimized patterns of expertise with IBM, their applications can seamlessly be deployed on either the IBM SmartCloud or IBM PureSystems in minutes, enabling their clients to choose their preferred deployment model.
- **PureSystems Cloud Trial:** A PureSystems development environment is available to developers for 90 days at no charge. The trial can help developers create applications through IBM's SmartCloud that are ready to run on IBM's new expert integrated systems. This cloud sandbox removes the hassle of server provisioning, operating system and middleware set up and the complicated cycles of permissions and procurement associated with software development. Now,

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if a developer has an idea for a PureSystems application, they can be creating and testing their application in a PureSystems-ready environment in minutes. The cloud trial also includes Collaborative Lifecycle Management software from IBM enabling business partners to work together on a project, or to work directly with a client's developers. This collaborative approach can significantly increase the speed of software development, encourage innovation and empower developers with the tools they need to track the project through its completion.

By removing some of the biggest challenges of software development, IBM is helping businesses empower their technical experts to rapidly create a proof of concept for clients, and test new ideas.

For example, a software developer, working for a bank, has an idea for a mobile application and would like to build a prototype to demonstrate its potential business benefits. Without the PureSystems cloud trial, the developer needs to obtain the necessary financing and permissions for the project. Then they need to secure and provision the hardware, download a base operating system, set up a middleware stack and enlist the expertise of skilled programmers to tune the middleware stack to ensure optimal performance. This can take days to achieve.

With the PureSystems cloud trial, the developer can log into the IBM SmartCloud and immediately begin working on the application in an environment that is already set up. They have 90 days to build a proof of concept without any risk that the hardware will be re-allocated to another priority effort, and without needing the expertise of additional software developers to tune the middleware.

IBM Makes it Easy for Business Partner Ecosystem to Embrace PureSystems

More than 150 solutions have been developed for IBM PureSystems by more than 125 of the world's leading ISVs. With technical and validation resources from IBM, these companies have the flexibility to optimize their industry-leading applications to run on either the IBM PureFlex or IBM PureApplication systems.

To continue the rapid adoption of PureSystems among leading technology companies, clients can now nominate ISV patterns they would like to see in the PureSystems Centre. Additionally, special enablement events are being hosted at IBM Innovation Centers in 25 cities around the globe. These events are designed for all types of Business Partners and will offer resources and advice on how companies can grow their business with PureSystems. Additionally, developers have access to a wide variety of PureSystems technical resources on IBM developerWorks. There, developers can learn about PureSystems, watch technical demos and hear from others working on the technology.

New Patterns for Business Intelligence and Business Process Management and Social Collaboration

In addition to offering resources to business partners and clients to create their own patterns, IBM is also introducing several new patterns that organizations can leverage based on their needs. These patterns are based off of proven best practices and expertise for complex tasks that IBM has learned from decades of client and partner engagements. Now, they have been captured, lab-tested and built into PureSystems. With the push of a button, an organization can easily pull up a workload-specific pattern, dramatically reducing the time and effort associated with installing, configuring, tuning and managing software on an ongoing basis.

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- **Business Process Management (BPM):** Patterns for deploying business process applications within a private cloud. IBM Business Process Manager provides clients with visibility, management and insight into their business processes. Through PureSystems, IBM intends to provide Business Process Manager Advanced and Business Process Manager Standard patterns, enabling customers to scale the use of BPM throughout their company faster and focus their resources on activities that add value to the business such as improving key processes, instead of installation and configuration.
- **Business Intelligence:** A pattern that drives deployment of IBM Cognos Business Intelligence applications in 20-minutes. IBM Cognos Business Intelligence equips business users with reporting, analysis, dashboard, and scorecards to help them easily analyze all information to drive better business decisions. Now with PureSystems, clients will be able to focus their efforts getting faster answers to their key business questions, rather than spending time and resources on installing, configuring, tuning and maintaining complex Business Intelligence environments.
- **Social Collaboration:** A pattern that gives clients the ability to quickly foster collaboration, expertise location and sharing among their employees. A social business recognizes that people do business with people and optimizes how people interact to accomplish organizational goals. The Social Collaboration pattern will provide clients with an integrated set of capabilities that can be rapidly deployed and easily maintained to deliver new levels of social business in a private cloud, empowering people to easily connect with employees, partners, and customers to optimize collaboration.

Pricing and Availability

The first two models of the PureSystems family – PureFlex System and PureApplication System -- start shipping to customers this quarter. PureSystems support POWER processors and Intel processors. Fifty clients are already engaged in the IBM PureExperience program to learn how they are able to put the PureApplication System to work for them.

This year's IMPACT conference features more than 8,500 attendees and hundreds of client testimonials, presentations, workshops and product demos. For more information, visit:

<http://www.ibm.com/press/us/en/presskit/37590.wss>

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Intergraph® Releases CADWorx® Plant Professional 2013

3 May 2012

Intergraph® has released CADWorx® Plant Professional 2013, the newest version of its AutoCAD®-based, intelligent 3D plant design and modeling solution. Building on its abilities to quickly produce accurate and intelligent 3D plant models, CADWorx 2013 greatly improves the plant design and deliverables creation process for its users.

For example, CADWorx Plant Professional 2013 features a powerful new pipe routing engine. The

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pipng components operate as a single system, allowing a plant designer to move, resize and change the specification as a single line without the need to modify each component individually. Piping is intuitive – as a line is built, it understands how to fit each component to the next and automatically adjusts to match. This allows a designer to perform modifications on lines with minimal effort while ensuring that the entire line has been properly adjusted.

CADWorx 2013's routing tools and intuitive components significantly reduce design times, while the new change-size and routing capabilities allow faster and more flexible modifications and edits.

Another CADWorx 2013 feature new to the plant design market is the Assembly View Palette. The assembly builder lets a designer build and save a complete assembly of a piping system that can be re-used in the future parametrically. This feature boosts the efficiency of design by allowing for common assemblies used throughout a project to be designed, developed and modeled once, then re-used quickly in different areas of the plant system.

With the new CADWorx Specification Editor, project management is much easier by allowing for better control over the project requirements. The Specification Database can be easily shared with everyone involved in a project's design.

"Modeling is so much faster with the right-click access to pipe components and parameters," said Carol McComb, a senior mechanical designer with Ecodyne Water in Burlington, Ontario, CADWorx & Analysis University (CAU) instructor and a beta tester of CADWorx 2013. "This modeling feature provides continuous fluid pipe routing without continually having to access palettes or toolbars. The Specification and Catalog Editor makes managing and editing project specifications so much easier. The drop-down lists for the selection of component parameters from the catalog tables is so much quicker than browsing for data files."

Rod Abbott of Tetra Tech, also a CAU instructor and beta tester of CADWorx 2013, added, "Thanks to the new CADWorx, resizing lines is a breeze. It is a huge time-saver."

Gerhard Sallinger, Intergraph Process, Power & Marine president, said, "CADWorx 2013 elevates the design process to the next level in intuitive plant design. The new capability to build specifications and catalogs quickly and with flexibility gives a designer the power to control exactly what is needed in any project, making plant design easier and more flexible than ever.

"CADWorx continues to prove itself as the most effective AutoCAD®-based plant design solution in the market, with billions of dollars of successfully completed projects. More than ever before, CADWorx 2013 is a true member of the powerful family of Intergraph solutions!"

The Intergraph CADWorx Plant Design Suite for process plant design offers intelligent drawing-to-database connectivity, advanced levels of design automation and easy-to-use design tools. Because of these distinct advantages, engineering, procurement and construction (EPC) firms and owner operators

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in the process, power, water treatment, pharmaceutical, food and beverage and semiconductor industries have rapidly adopted the solution. CADWorx & Analysis Solutions (CAS) also include CADWorx® DraftPro™ for intelligent 2D design and layout; CAESAR II®, the world's most widely used pipe stress analysis software; PV Elite® for vessel and exchanger design and analysis; and TANK™ for the design and analysis of oil storage tanks.

Information on Intergraph's CADWorx products can be found at www.intergraph.com/products/ppm/cadworx

Information on Intergraph's analysis solutions can be found at www.intergraph.com/ppm/analysis

Intergraph also offers its famous SmartPlant® and SmartMarine® Enterprise line of products, the world's only "third generation" suite of solutions, providing design automation driven by rules for design, construction, materials and engineering data management capabilities for the creation and safe operation of complex facilities, and capital Project Life Cycle Management (cPLM).

The ARC Advisory Group, a leading industry analyst firm, ranked Intergraph the No. 1 overall engineering design 3D software and process engineering tools (PET) provider worldwide according to its "PET Worldwide Outlook Market Analysis and Forecast through 2015."

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Mastercam X6 Multiaxis Machining Improves Productivity

3 May 2012

Multiaxis machining can dramatically increase a shop's competitiveness. Mastercam's multiaxis machining and add-ons offer a wide range of multiaxis machining strategies. Mastercam X6 introduces a new multiaxis add-on, Mastercam Blade Expert, as well as many multiaxis enhancements to get the most out of your shop.

Cut Patterns

Cut Patterns guide the tool along specified paths. These patterns can be simple 2D and 3D wireframe, solid primitives, or complex multisurface grids. Mastercam's Multiaxis machining has many toolpath types to govern the cut pattern including:

- Multisurface 5-axis roughing and finishing, including depth cuts, plunge roughing, and flowline machining.
- For any type of toolpath, you can trim your toolpath to the new stock model. Trimming to stock reduces the amount of time the tool is not in contact with the material.
- Stock recognition that trims toolpaths to eliminate air-cuts and drastically reduce cycle times.
- Swarf fanning and swarf machining over multisurface floors, plus rail swarf cutting for added

control

- Machine 5-axis parts using spiral, zigzag, or one way tool motion.

Tool Axis Control

Mastercam's Tool Axis Control allows orientation of the tool's center axis to be manipulated as it follows the cut pattern. You have complete and dynamic control over the tool axis, lead/lag, entry/exit, and tilt, which simplifies even the most difficult multi-axis jobs. Full entry and exit control lets you determine exactly where and how the cutter enters and leaves your part. An automatic point generator adds greater precision, as well as advanced gouge checking and a 5-axis safe zone around the part.

Collision Control

When programming 5-axis parts, it is often necessary to come very close to the part or fixture with the cutter, arbor, or the holder. Mastercam gives you "near miss tolerance" fields so you can specify how close you are willing to get with any part of the tool and how to avoid those situations.

Blade Expert add-on

Mastercam's new Blade Expert add-on greatly simplifies the toolpath creation process for any multi-bladed parts, including fans, propellers, impellers, turbines, marine screws, and more. Blade Expert is a very powerful and easy-to-use custom application, designed to generate efficient, smooth, and gouge-free toolpaths for these complex bladed parts.

Port Expert add-on

Mastercam's Port Expert add-on creates accurate, efficient engine cylinder head porting toolpaths on port surface or solid data. The Port Expert toolpaths use 3-axis machining as far into the port as possible, and then convert automatically to 5-axis motion with minimum tilt. This leaves no fishtails or inefficient reverse moves, and smoothly transitions where the toolpaths meet at the middle of the port.

For more information on Mastercam's Multi-axis machining, please visit <http://www.mastercam.com/Products/Multiaxis/Default.aspx>.

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Newest Release of Bentley's SACS Software for Offshore Structures Improves Dynamic Analysis to Increase Operational Safety and Extend Productive Lifecycle

1 May 2012

Bentley Systems, Incorporated, today released the latest version of its SACS software for the analysis and design of new and existing fixed offshore oil and gas structures and wind farm structures. SACS supports wave, wind, and earthquake dynamic response analysis; special high-end analysis for severe

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accidental loadings such as dynamic blast, ship impact, and structural collapse; and fatigue evaluations on jacket structures, foundations, and topside. It also provides designers and operators of wind farms with coupled analysis of the entire turbine structures via tight integration with GH Bladed software. SACS 5.4 provides greater reuse of data within structural engineering analysis and detailed 3D construction modeling workflows, saving time, empowering the exploration of more design alternatives, reducing errors, and increasing operational safety.

The new features of SACS 5.4 include:

- two-way integration with Bentley’s Integrated Structural Modeling (ISM) methodology that allows automated updates between engineering and construction 3D models – streamlining workflows, increasing productivity, and improving quality control;
- extended support of international codes to include Eurocode 5 and Canada’s CSA S16 – opening new business opportunities, speeding project turnarounds, and providing global users with confidence in design safety;
- multicore processing – reducing the time it takes to complete comprehensive fatigue damage and impact analysis by 80 percent.

Here’s what SACS users are saying about its newest capabilities, as well as about user benefits stemming from Bentley’s global reach and commercial innovations:

“As a small company providing specialty offshore structural analysis services to other engineering firms, Fury Consult has to be extremely nimble to support a variety of projects worldwide. We have been using SACS products for many years and require that the software be up to date with the latest analysis techniques and international codes. The new offshore wind turbine capabilities will further enable us to help our clients expand into the growing wind energy market, while the inclusion of the Eurocodes and annexes will allow us to continually support our international clients.” – *Gavin Fury, director, Fury Consult, LLC*

“EDG has been a longtime user of Bentley products, and we are delighted with Bentley’s acquisition of the SACS product line, which we have also used for many years. We are keenly looking forward to the new interoperability being delivered between SACS and ISM with the 5.4 release to enable us to deliver greater technical innovations to our clients.” – *LT Cooper, PE, EDG*

“For over twenty years Keystone Engineering has completed many diverse and challenging projects for our customers. The SACS software has been playing a key role in this success and the new GH Bladed interface will help us maintain our leadership role with the offshore wind turbine business in the U.S.A.” – *Ben Foley, general manager, Keystone Engineering*

“Wood Group Mustang is a longtime user of Bentley products and the SACS product line. Wood Group Mustang continues to expand our global footprint, and we believe Bentley’s recent acquisition of the SACS product line will be a positive step in supporting that global expansion. We look forward to using Bentley’s international presence and innovative licensing options to effectively consolidate our users

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around the world.” – *Farrel Zwerneman, technical authority, Structural Engineering Offshore, Mustang*

For additional information about SACS software, visit www.bentley.com/sacs.

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SolidWorks Introduces eDrawings® App for iPad

1 May 2012

Users can take their 2D and 3D product designs on the go with the new eDrawings® for iPad® app. View, share, and collaborate from anywhere with the easy-to-use, email-enabled software trusted by engineers and non-CAD users worldwide.

Key Capabilities:

- Review AutoCAD® DWG and DXF files, native SolidWorks® parts, assemblies, and drawings
- Open files from email, iTunes® File Sharing, or internal network
- Zoom, pan, and rotate 2D or 3D CAD data with the touch of a finger
- View 3D animations, 3D standard views, and 2D drawing views
- Browse assembly components tree, configurations, and drawing sheets
- View designs in full screen – just double tap to expand it on the screen
- Store files on your iPad through iTunes Files Sharing

eDrawings® can be downloaded for \$1.99 at the app store today.

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TCS Launches Digital Publishing Platform at MarkLogic 2012

2 May 2012

Tata Consultancy Services (TCS) today announced the launch of its Digital Publishing Platform (DPP) at MarkLogic World 2012 in Washington, D.C.

Publishing and Information Service providers see immense potential in developing new global revenue streams by quickly delivering content through multiple digital channels. As a result, the traditional product centric workflows in multiple silos, need to transform to content centric workflows that break

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the silos of content and processes to deliver a digital experience to its customers. TCS' Digital Publishing Platform will enable publishers to create, manage, distribute, optimize, and monetize content assets across multiple repositories and build workflows that help create digital products at a rapid pace and distribute through multiple channels seamlessly.

"Rapidly changing content consumption patterns are pushing the publishers and information service providers to transform into Digital Enterprises. Digital Enterprises provide dynamic content as product, produced through a flexible Digital Workflow, and transacted using Digital Business and Delivery systems," said Kamal Bhadada, Global Head of Media and Information Services industry vertical at TCS. "There is an urgent need for firms to transform into Digital Enterprises and fully exploit the opportunities provided by the digital world. Our Digital Publishing Platform provides a central foundation to the firms for their digital transformation journey."

The Digital Publishing Platform enables Publishers and Information Services firms to:

- Improve integration with their customer's content workflow due to the adoption of industry standards and service-based implementation approaches
- Liberate the content present in heterogeneous sources and unify the view of content to maximize reuse, repurpose and monetization
- Implement it as a bespoke or add-on solution due to its componentized, loosely coupled nature
- Enable granular access and rule-based aggregation of content to facilitate on-demand publishing through the use of XML first approach
- Improve collaboration and transparency within the enterprise

Based on best-of-breed technologies, industry best practices and standards, the Digital Publishing Platform can be extended or integrated into individual customer's current system landscape enabling maximal leveraging of the invested IT assets.

"TCS is committed to the Publishing and Information Services industry and has provided solution frameworks and platforms to help the industry address its market challenges and manage the 'Create to Consume' lifecycle of its content assets. We believe that our Digital Publishing Platform will significantly enhance the flexibility and reduce the time-to-market for the content publishers," added Bhadada.

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Tech Soft 3D's HOOPS Visualize Powers Graphics in 3DS SolidWorks eDrawings for iPad

2 May 2012

Tech Soft 3D and 3DS Solidworks announced that the new eDrawings® for the iPad® will use Tech Soft 3D's HOOPS Visualize to power its graphics. Yesterday, 3DS SolidWorks announced the availability of its popular eDrawings software tool for the iPad, which allows users to easily view, create

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and share 3D models and drawings.

Since 2000, HOOPS Visualize has provided eDrawings with advanced file compression, real-time collaboration and 2D, 3D, text and hardcopy capabilities on Windows, Mac – and now iOS.

”Tech Soft 3D continues to be a valuable technology provider to 3DS SolidWorks,” says Fielder Hiss, vice president of product management, 3DS SolidWorks. “Tech Soft 3D’s focus on innovation has helped enable us to stay ahead of developments in our industry – and the deployment of eDrawings on iOS is just the latest example.”

”HOOPS Visualize is well known for offering developers a fully functional 3D graphics engine as a platform for their engineering applications,” says Tech Soft 3D CEO, Ron Fritz. “We’re excited to be able to continue to introduce new technology, like mobile platform support and cloud based viewing to our customers.”

eDrawings for iPad is now available on the Apple® iTunes™ App StoreSM and is priced in local currency based on \$1.99 (USD) for the U.S. App Store.

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ZWCAD+: A New Name for the Next ZWCAD

2 May 2012

ZWSOFT today officially announced that the next ZWCAD will be named ZWCAD+. This name change signifies breakthroughs, including excitingly new and enhanced features, and powerful APIs that will be integrated into ZWCAD+.

The plus in ZWCAD+

“The upcoming ZWCAD+ has so many ground-breaking improvements. It was born to give users a much faster, easier, and more stable design experience than most CAD software could possibly provide,” stated Kingdom Lin, the ZWCAD+ Overseas Business Director. “More accuracy and better compatibility take design experience to a whole new level. That’s why we’ve decided on the new name ZWCAD+. It conveys exactly the core value we want to deliver to CAD designers.” ZWCAD+ will offer increased performance, including greatly improved compatibility making cross-platform communication easier than ever. Industry leading memory optimization also insures non-stop work throughout the day. Another plus in this version is that it provides more add-on solutions. Code-level API compatibility enables the ported applications to run up to 8 times faster than before.

“Plus” means more to offer in future

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In addition to the above mentioned benefits in ZWCAD+, more innovative features and functionalities which are beneficial to CAD users will be added in the future version of ZWCAD+. “ZWCAD+ is not just a new name for the next ZWCAD. It means more possibilities for future product development,” said Kingdom Lin. “I strongly believe that this product will open a new and exciting chapter in the CAD user’s design experience.”

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