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### COADE Releases CADWorx fieldPipe for CloudWorx

HOUSTON--(BUSINESS WIRE)--COADE announced today the release of CADWorx fieldPipe for CloudWorx, a tool that allows you to quickly and easily build an intelligent, specification-driven model using point cloud data from laser scan information. It does this in conjunction with Leica CloudWorx by reading point cloud scans and bringing them into the CADWorx fieldPipe model. Once the point cloud is opened in COADE's CADWorx fieldPipe, the program calculates the center and diameter of the pipe run by selecting just one point on the surface of a pipe cylinder. Once all parameters are set, the user can accurately place piping components using the point cloud data in the model.

CADWorx fieldPipe for CloudWorx saves time for the designer and engineer by eliminating the tedious process of building an unintelligent solid model by tracing over laser scans. Because there may still be a requirement to produce deliverables from these models, these deliverables typically need to be created using an alternative system that cannot extract intelligent information from these models. With CADWorx fieldPipe for CloudWorx, these deliverables, such as clash-free models, isometrics and bills of material, can be extracted directly from the model with no further modeling.

The 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, it has been rapidly adopted by EPC firms and owner operators in the process, power, water treatment, pharmaceutical, food and beverage and semiconductor industries. CADWorx also offers the industry's first and only true bi-directional links between CAD and engineering analysis tools, linking CADWorx with COADE's industry-leading software programs for pipe (CAESAR II) and pressure vessel and heat exchanger (PV Elite) analysis and design.

*More Information ? Visit [www.image-grafix.com/coade](http://www.image-grafix.com/coade)*

### New Case Study - PLC doubled productivity using CADWorx Plant Professional

COADE, Inc. announced the publication of a new Case Study from Piping Layout Consultants, Inc. (PLC) that highlights how the engineering and design firm has doubled productivity and streamlined deliverables for its clients on such projects as the Indiana Colts football stadium and a biodegradable plastics plant that involved a 56,000 foot-length piping system and 6,000 man-hours of design work.

PLC had decided to move to 3D software designed specifically to automate the plant design process, choosing CADWorx Plant Professional from COADE because it offers many features, including collision checking, automatic ISO's, bills of material, model walkthrough capabilities, links to stress analysis and stress isometrics. With CADWorx, the PLC designer enters each part of the design only once, and each deliverable is produced directly from the 3D model. Each drawing element can be checked once for all design views. The designers can adjust the design, and the software will update all views accordingly.

For typical projects, PLC is responsible for delivering piping isometrics (ISO's) to the shop for fabrication and plan drawings to the construction managers for putting the project together. "Our intent is 100% fit-up," said Keith McKinney, president of PLC. CADWorx Plant Professional from COADE is helping the firm toward that goal. "CADWorx reduced the time required per delivered ISO to about 4 to 4x hours for typical renovation and expansion projects," McKinney explained. "Overall, CADWorx enables our 10 designers to produce the work of 20 using traditional methods," he concluded.

*More Information ? Visit [http://www.image-grafix.com/CADWorx\\_Success story/Case study](http://www.image-grafix.com/CADWorx_Success story/Case study)*

### Important announcement for all customers using AutoCAD 2006 and 2006 based products

We would like to inform you of some important changes regarding your software license(s) of AutoCAD 2006 and based products. On 14th March 2009, Autodesk® will no longer support upgrades and cross upgrades from AutoCAD 2006 and based products. ImageGrafix Software FZCO, the Autodesk Authorized Mechanical Partner in the UAE, proudly announces a special upgrade promotion as follows:

Upgrade or Cross Upgrade your AutoCAD 2006 and AutoCAD 2006 based product to AutoCAD® Mechanical 2009, AutoCAD Electrical 2009 or Autodesk Inventor 2009 and get a special discount as below:

Special Discount	Validity
10% discount	Valid until 15th January 2009

Plan your upgrade now to benefit from extremely attractive upgrade discounts and ask about Autodesk® Subscription, which provides the latest technology, online support, eLearning and budget predictability.

*For more details and pricing please contact Mr. Shaju Joseph at [cadcam@eim.ae](mailto:cadcam@eim.ae) and Mobile: 050-5510743.*

### New Autodesk Inventor Tools

Autodesk® Inventor® Subscription customer, be the first to enjoy the newest productivity tools in drawing, part, and assembly environments. Download the Autodesk Inventor 2009 Subscription Bonus Pack. Customers not on Subscription won't have access to these tools until next year with the release of Inventor 2010, but as a Subscription customer you can download the Inventor Bonus Pack now.

The new productivity tools were designed to help you get the most out of your software investment. Recommended directly from our Inventor Subscription customers, they include:

**- Drawing Manager Productivity**

Arranging dimensions has never been easier. Now you can quickly and easily clean up your dimensions with a few simple clicks. When used in conjunction with Dimension Selection Filters, you can select all Model, Overridden, or AutoCAD Dimensions directly from the Inventor drawing environment.

**- Part Modeling Productivity**

Users can now create parameters on the fly through the edit dimension dialog without ever having to access the parameter dialog. This allows users to quickly set up design intent without leaving the sketching environment.

**- Assembly Design Productivity**

The Bill of Materials (BOM) editor now allows for editing similar to that of Microsoft® Excel®. Users can now use Shift or Control for contiguous or non-contiguous selection. Plus, the addition of tools such as Copy/Paste, Capitalization, Find, and Replace are great time savers.

### **Processing Multiple Sub-Projects - AutoCAD Electrical**

Performance takes a hit when an AutoCAD Electrical project gets very large. Here's a way to split a project into more manageable sub-projects while still allowing ability to do overall project cross-referencing and reporting functions.

*More Information ? Visit [http://mfgcommunity.autodesk.com/blogs/blog/view/7/Processing\\_Multiple\\_Sub-Projects/](http://mfgcommunity.autodesk.com/blogs/blog/view/7/Processing_Multiple_Sub-Projects/)*

### **EdgeCAM improves automation of NC programming and increases user control**

The improvements in EdgeCAM Part Modeler include thread features and additional attributes for Hole features that are passed to Edgcam for use in the manufacturing process.

EdgeCAM enables automatic model alignment and one shot feature finding for all milling and turning models and provides enhanced chuck jaw and chuck setup options for greater machine tool set-up flexibility and improved collision detection.

Latest enhancements in Strategy Manager for Mill/Turn make additional data available to users, capturing customers knowledge and proven processes to be applied to multiple jobs, thereby saving time and reducing costs.

EdgeCAM feature browser gives Solid Machinist users greater control over the machining order, making it easier to view which tools and cycles have been applied to a feature. In addition, the manufacturing sequence can be easily sorted by feature type or manufacturing method and is controlled using simple drag and drop techniques.

The new rough turning cycle includes improved chip control reducing notching and tool wear. A choice of toolpath control options allows the most effective process to be applied to the turned component.

Edgcam 12.5 further expands the applications established 4/5-axis simultaneous machining strategies by offering support for Pro/ENGINEER & Wildfire CAD models.

Additional options to control how the part is positioned and machined along with a Cusp Height control option, are also included. Enhancements based on customer feedback include improved sequence regeneration performance when editing non-toolpath information, canned hole cycles supported in rotary transformations, editing of the lathe setup, helical profiling with cutter radius compensation and the ability to explode grouped hole features.

The latest version of EdgeCAM also supports the latest Solid CAD Modelers including Autodesk Inventor, SolidWorks, Solid Edge, Unigraphics, Pro/ENGINEER and CATIA.

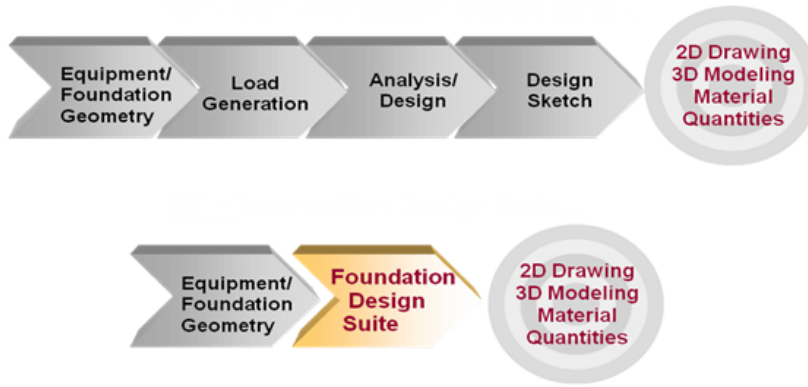
### **Your Structural Steel Projects in 7 Steps**

From the model, **Advance Steel** automatically creates general arrangement drawings, detail drawings, material lists, NC files... and links to Engineering software packages! Create your columns, floor-beams, bracings, girts with the same approach as drawing AutoCAD® lines and then call on the automatic connections library! From the model, Advance Steel automatically creates general arrangement drawings, detail drawings, material lists, NC files... and links to Engineering software packages.

*More Information ? Visit <http://www.image-grafix.com/GRAITEC>*

### **Dim Sol Simplifies Foundation Design for Productivity Gain**

## Simplify Foundation Design Process



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Click here, if you wish to obtain more information regarding any of the above subjects.

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