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COADE Discovery Tour, Middle East 2009

COADE and ImageGrafix are holding the popular Discovery Tours in Qatar and the UAE in June 2009. Dates are as follows:

Sunday, June 14, 2009: Doha, Qatar

Tuesday, June 16, 2009: Dubai, UAE

Wednesday, June 17, 2009: Abu Dhabi, UAE

A strong team from both COADE and ImageGrafix will be present at all three events and we will cover the latest features of CAESAR II, PVElite and CADWorx software packages as well as updates on our integrated total plant design solutions. Attendance is by invitation only.

Visit ImageGrafix web site for more up-to-date information re the forthcoming COADE Discovery Tours.

CAESAR II® 5.20 Version Released

HOUSTON, TEXAS – May 7, 2009 – COADE announced today the release of CAESAR II Version 5.20, an updated edition of the world's most widely used pipe stress analysis package. New codes in this latest edition include ISO-14692 for the analysis of fiber reinforced piping (FRP) and 10 additional wind codes for the analysis of static load setup. Also included are updated piping codes for B31.1, B31.8, GPTC/Z380, AME NC and ASME ND, plus the permitted number of static load cases is increased from 99 to 999. International features include the addition of the Mexican seismic code to the dynamic input module for the automated generation of response spectra and partial implementation of Japanese piping codes, JPI and HPGSL (High-Pressure Gas Safety Law).

New productivity features in CAESAR II Version 5.20 include a loop optimization wizard for easier expansion loop design and a seismic wizard for determining the G factor in static seismic loading conditions for three codes. Among many other enhancements in the release are improvements to the buried pipe modeler and the valve/flange insertion routine. Details on COADE and its products can be found at www.coade.com

COADE releases CADWorx 2009 for 64-bit systems, offering enhanced performance

HOUSTON, TEXAS – May 7, 2009 – COADE announced today the release of a 64-bit version of CADWorx Plant Design Suite 2009, designed to take advantage of 64-bit system platforms running a current 64-bit version of AutoCAD. Upgrading to a 64-bit system (hardware, operating system and software) delivers a number of benefits for plant designers and engineers and can be a solution for those "out of memory" error messages that can occur when working on extremely large files. One of the key advantages of a 64-bit system is that it provides access to more RAM (random access memory) to help speed processing when working with large drawings, models and other files.

"One of the challenges for some plant designers is that, when working on extremely large drawings or multiple large files, their system performance slows down or even stops altogether due to inadequate memory or the inability to fully access available memory," explained Joe Dixon, product manager for COADE's Plant Design Solutions. "The new 64-bit version of CADWorx running on a full 64-bit platform responds to this challenge, keeping them productive and eliminating the associated frustrations and down time when such things occur," he added.

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. Information on COADE and its products can be found at www.coade.com.

PV Fabricator Software Delivers up to 80% time savings when linked to PVElite

COADE, Inc. announces the release of PV Fabricator - a new product for the automated production of design and fabrication deliverables for pressure vessels and heat exchangers.

PV Fabricator gives fabricators, engineers and designers advanced tools for the accurate production of fabrication deliverables of pressure vessels and heat exchangers. When used with COADE PV Elite, **PV Fabricator can deliver up to 80% time savings over the existing drafting methods.**

Examples of the deliverables that PV Fabricator automation tools will help generate:

- ▣ intelligent 2D layouts
- ▣ detail drawings
- ▣ BOM tables
- ▣ nozzle schedules
- ▣ weld details
- ▣ title blocks

- nameplate and notes
- Plus any other required annotation

For more information on PV Fabricator, [please click here](#)

New "case study" on improved collaboration and cut costs using CADWorx

Stantec, a leading design and engineering firm in North America, improved collaboration and cut costs on Ohio power plant project using COADE CADWorx Plant Design Suite and CAESAR II Pipe Stress Analysis. The project involved designing ...

http://www.coade.com/newsrsls/nr_Stantec.pdf?varreturn=/company_pressroom.asp

Current Versions of COADE Software

Product	Version	Build Number	Build Date
CADWorx	2009	20090114	January 14, 2009
CAESAR II	5.10	080512	February 6, 2009
CodeCalc	2009	090101	January, 2009
PV Elite	2009	090101	January, 2009
TANK	3.10	080929	September 29, 2008

Autodesk 2010 Manufacturing Software Demonstrates Power of Digital Prototyping

Autodesk has unveiled the latest releases of its 2D and 3D design and engineering software for manufacturers. Significant enhancements and newly packaged suites of the company's industry-leading products can help manufacturers build better products, ranging from mobile phones to bulldozers, in less time. The new 2010 product lineup for manufacturers includes Autodesk Inventor family of products, AutoCAD Mechanical, AutoCAD Electrical, Autodesk Moldflow, Autodesk Navisworks, -- Industry-leading applications that constitute the Autodesk solution for Digital Prototyping.

For more information, [please click here](#)

AutoCAD® Electrical software for the Process Plant Industry

AutoCAD® Electrical software is the leading application built specifically to create and modify electrical controls designs. AutoCAD Electrical automates many of the manual tasks associated with creating accurate, industry-standard electrical controls system designs. Automatic processes include wire numbering, component tagging, report generation, generation of bills of materials, creation of PLC I/O drawing from spreadsheets, and more:

- Create design controls systems quickly and accurately, with significant cost savings. Use electrical-specific drafting commands to significantly reduce design time.
- Leverage existing common circuits for reuse in future designs.
- Quickly and easily create accurate panel layout drawings from schematics.

This software also includes automatic error-checking capabilities that help designers catch problems and errors before the project build phase and promote design consistency.

- A comprehensive library of standards-based components supports local and international standards.
- Real-time error-checking monitors and alerts users to potential design errors.
- Real-time coil and contact cross-referencing reduces the risk of assigning too many contacts to any relay.
- The extensive manufacturer's catalogue includes more than 350,000 components from popular vendors.

Organize, find, and reuse valuable design data fully integrated data management tools. Easily and securely store, manage, and share work-in-process design data.

- Bidirectional interoperability with Autodesk® Inventor® Professional software adds valuable electrical controls design data to a digital prototype created in Inventor.
- Exchange data with customers and suppliers through the DWG format.
- Automatically convert data into intelligent AutoCAD Electrical designs without losing previous customizations or spending hours on rework.

AutoCAD Electrical Productivity Study

This study compares the time required to complete 10 tasks in both basic AutoCAD and AutoCAD Electrical. The conclusion: switching can increase your productivity by as much as 80 percent.

For more information, [please click here](#)

CGTech appoints ImageGrafix as VERICUT Authorized Reseller for the Middle East

Tony Shrewsbury, CGTech's country manager for the Middle East commented " We are delighted with the extra skills and geographical coverage that ImageGrafix Software FZCO bring to our Reseller network. We have great expectations for the market in the Middle East." "The increased investment in CNC Machinery is driving requests for CNC Verification and Optimization. VERICUT is the clear market leader, and we are delighted to be able to offer it to manufacturing companies in the Middle East."

"We are pleased to be associated with CGTech enabling us to offer state-of-the art Software to CNC Machining companies in the Middle East", says Amir M. Heshmati, Managing Director of ImageGrafix Software FZCO. "VERICUT Software complements ImageGrafix existing solutions and services" added Heshmati, "and its availability in the Middle East is all good news for the industry".

HTRI Interface with Various Leading Process Simulators

Xchanger Suite components link to other software, including process simulators, mechanical design programs, physical property data banks and systems, and integrated engineering software. Direct connections are provided to some software from the graphical interface; in other cases, components create an output file specifically tailored for input to database software. All components are designed to connect easily with many applications.

HTRI Xchanger Suite is CAPE-OPEN-compliant. You can insert an air cooler, a heat recovery bundle, a shell-and-tube, or a plate-and-frame heat exchanger into any process simulator that supports the CAPE-OPEN 1.0 standard, giving you instant access to HTRI's technology while running the simulation.

Xist operates directly with process simulators such as HYSYS, PRO/II, UniSim Design, and VMGSim, as well as with Aspen Plus through CAPE-OPEN. Xchanger Suite also links to VMGThermo™ (included with Xchanger Suite), PPDS™, HYSYS®, PRO/II, UniSim Design, and REFPROP for generation of physical properties and heat release curves. Further, Xchanger Suite can open HYSYS, UniSim Design, and PRO/II simulation files and load the heat exchangers for detailed analysis.

More details: <http://www.htri-net.com/Products/HXS.htm>



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