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New Build for CAESAR II 5.20

A new build for CAESAR II 5.20 has been released.

Main changes of this build are:

▣ Bend SIF calculation change.

For EN-13480, changed the bend SIF calculation to use the "fitting thickness" if specified.

▣ Memory allocation error correction in Loop Wizard.

Corrected memory allocation error in the "Loop Wizard", which caused crashes when more than 48 Mbytes of RAM were allocated to CAESAR II

▣ Pressure stress multiplier.

Set Pressure stress multiplier (m) to 1.0 for Qualified Tess (for ISO-14692)

▣ Pressure variation.

Corrected the pressure variation spectrum load component for ASME NC/ND and RCCM C/D codes.

New Build for PV Elite 2010

PV Elite 2010 August Build (pv100813.exe) is now available on our [website](#).

Main Enhancements are:

- ▣ ASME U-tube Exchangers can now be analyzed as simply supported.
- ▣ Fixed a conservative problem with flat head MDMT.
- ▣ Increased the size of details handled by PV Elite.
- ▣ Many improvement to Basing calculation, specially the Neutral Axis shift method.
- ▣ Fixed an issue in the Nozzle weight calculation (specially for hub-nozzles).
- ▣ Fixed the dll registration issue with CodeCalc with standard user account.
- ▣ Corrected the reinforcement limit parallel to vessel surface for Div. 2 2004 Ed.

Please refer to the build.txt file on the [PV Elite downloads page](#) for a complete list of the build updates.

Products that interface with PV Elite:

- ▣ CADWorx® Equipment
- ▣ PV Fabricator™
- NozzlePro (through CodeCalc®)

Two-way interactive Pipe Stress Interface between AVEVA PDMS and CAESAR II

Analysing piping designs to check stresses and to design the supports is a specialist job. Developed in response to feedback from customers, AVEVA Pipe Stress Interface provides an interactive and intuitive method of specifying a stress network and delivers major savings by automating the two-way flow of information between Outfitting designers and stress analysts. For more information on business benefits, key features, how it works and downloading the brochure please click the below link:

http://www.aveva.com/products_services_aveva_marine_pipestressinterface.php

PVElite webinar with Ray Delaforce - The effect of wind on a vertical pressure vessel

During this webinar we will discuss the ways that wind affects a vertical pressure vessel and how it causes vibration. We will also cover a simple approach using the wind code example (ASCE-7 1993). You will learn how wind affects the stability of a vessel and how the vessel acts like a cantilever in the wind.

<https://www1.gotomeeting.com/register/256023121>

Autodesk announces Q3 promotion - AutoCAD upgrade/cross-upgrade to AutoCAD Mechanical and AutoCAD Inventor

Autodesk announces the AutoCAD family upgrade (and cross-grade) promotion for Q3 and Q4. This promotion is designed to drive cross-grades with Subscription from 2008 versions to current versions. The promotion is eligible for current versions 2008 – 2011. For more information please contact ImageGrafix.

AutoCAD Users: Experience the Benefits of Digital Prototyping - Top 10 Reasons to Add Inventor® to Your AutoCAD Workflow

Move beyond 3D and develop a complete digital prototype of your product with Autodesk® Inventor® software. Inventor allows engineers to integrate AutoCAD drawings and 3D data into a single digital model, creating a virtual representation of the final product. Using the single digital model, you can design, visualize, and simulate your product digitally, minimizing the need for physical prototypes.

Inventor software makes it easy for you to take full advantage of your investments in DWG™ design data and AutoCAD expertise. The Inventor software suites even include the latest version of AutoCAD® Mechanical design software so that you can continue to take advantage of the AutoCAD built specifically for mechanical design.

Compare AutoCAD® Inventor® 2011 products - Find out which one fits your design needs

AutoCAD® Inventor® Suites combine Autodesk® Inventor® 3D mechanical design software and AutoCAD® Mechanical software to help you cost-effectively take advantage of a Digital Prototyping workflow.

With different product configurations that offer specific levels of functionality to fit your design needs, no company is more focused than Autodesk on helping you create accurate digital prototypes and bring better products to market faster at less cost.

<http://usa.autodesk.com/adsk/servlet/pc/index?siteID=123112&id=14109888>

Autodesk® Inventor® software takes you beyond 3D to Digital Prototyping-Competitive products to market faster

Use Inventor to create and explore a complete product before it is built. AutoCAD Inventor for Digital Prototyping enables manufacturing workgroups to create a single digital model in Inventor for use at every stage of production—bridging the gaps that typically exist among conceptual design, engineering, and manufacturing teams. With Digital Prototyping, you can get more innovative products to market faster and increase your competitive advantage.

[Digital Prototyping Benchmark Report](#)

Service Pack 2 for HTRI Xchanger Suite 6 adds the ability to load Honeywell's UniSim®, HTFS® , Aspen TASCTM

Members can now download Service Pack 2 for HTRI Xchanger Suite 6. This service pack adds the ability to load Honeywell's UniSim® Design Shell-Tube Exchanger Modeler files (*.STEI), as well as legacy HTFS® and Aspen TASCTM (*.TAI) files. For more information, please see the [Patches & Drivers](#) page.

The new PIPENET ME website focuses on supporting PIPENET engineering users throughout the Middle East countries

Laser scanners work their magic by creating point cloud data. AutoCAD has the ability to load point clouds even into the millions of points. Typically users work with the point cloud data to recreate by connecting the points from the cloud data. Imagine if computer software could intelligently provide assistance for you. That's what our latest technology preview is intended to find out.

[Click here](#), If you wish to obtain more information regarding any of the above subjects.

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