announcement

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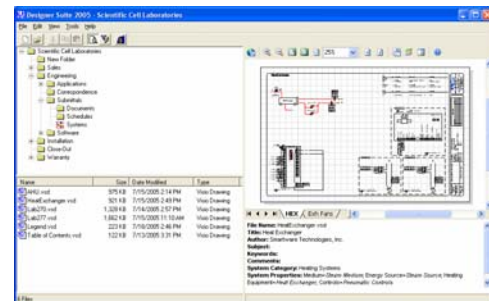
Announcement: 05-029
Date: August 18, 2005
To: Invensys Building Systems Employees, Independent Field
               Offices, and Joint Ventures

Subject: ***Online Preview of Designer Suite 2005™***

Desginer Suite 2005 is on its way!

Designer Suite has proven to be a valuable tool to
enhance the capability of an office to engineer jobs
efficiently and effectively. Now, after a great deal of
enhancement, you can get a preview of the
upcoming release of Designer Suite 2005.

Whether you are a long time Designer user or looking to improve your engineering
abilities, please join an online session on Thursday, August 25th at 10:00 AM Central to
preview the enhancements made in Designer Suite. Steve Cohn from Smartware
Technologies will run through all of the features and benefits of the upcoming release.
Designer Suite 2005 represents a major upgrade to the versatile Engineering system. With
a Project Explorer rebuilt from the ground up, it offers an abundance of new and
improved features and performance enhancements, along with a whole new level of
compatibility and expandability.

The online session will be held using the Invensys Meeting Center (iLinc). To attend, go to
http://invensys.ilinc.com and click on the "Join" button under Public Sessions. In the list of
meetings you will find Designer Suite 2005 Preview. Click on the "join" button to attend
that meeting. The information to connect to the audio will be provided when you join the
meeting.

Attached is an overview of the key features and enhancements. We look forward to
sharing the exciting things coming soon in Designer Suite. If you have any questions,
please contact Brad Stradtmann at brad.Stradtmann@invensys.com or at 815.637.3091.

smartware Technologies **Designer Suite 2005™**

Key Features and Enhancements Include:

- ➢ New Project Database practically eliminates "scanning drawings"
- ➢ New Parts Database with Database Manager
- ➢ Visio 2003 Compatibility and easy upgrading
- ➢ New Generation of Smart Shapes and Smart Clones
- ➢ Enhanced Project Explorer
- ➢ Improved Parts and PDF browsing
- ➢ New Site Manager helps organize and work with large projects
- ➢ Enhanced Valve Sizing, Selecting and Schedule Tool
- ➢ Enhanced PDF file reports

New Project Database Practically Eliminates "Scanning Drawings"
- Drawing files are automatically scanned into a centralized database for the project whenever they are saved, so features such as the Page Wizard, Print Manager and Table of Contents are instantly available at any time, using a selection of any or all of the files.
- No more need to Export to Reporting Engine – all reports, including Total Bill of Materials, can be run without the time-consuming scanning of files to gather data.

New Parts Database with Database Manager
- There is no longer any need to buy, use or have SOCC (Concerto Suite).
- Database has been reviewed, refreshed and updated – especially the valves and actuator parts.
- New Database Manager allows new parts to be added – individually and en masse – from spreadsheets and other databases maintained by a site or provided by vendors.
- Sites can easily update vendor pricing and discount multipliers.
- Designer Suite 2005 will automatically check for and download database updates from Smartware or from your company's file server.
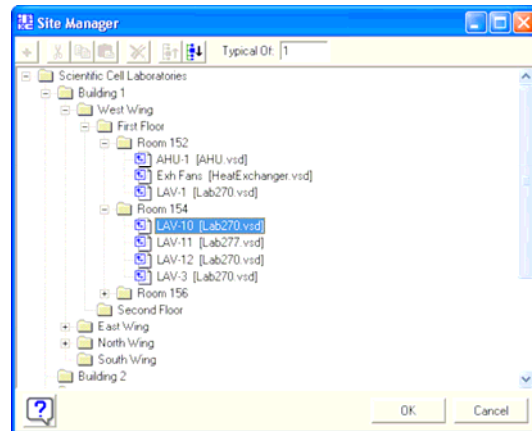
Visio 2003 Compatibility and Easy Upgrading
- Works with Visio 2002 *and* Visio 2003
- Auto-Update feature automatically detects, downloads and installs updated versions of the software.
- Fully backward compatible with Designer Suite 2002

New Generation of Smart Shape and Smart Clone
- Tighter links to the parts database, making it easier to add new parts with detailed data fields that adjust the display of the shape.
- Allows parts to be associated with shapes by filtering on part number, vendor or custom part codes.
- Advanced developer mode for creating shapes with sub-components that hide and show or otherwise adjust to settings (such as text and terminal labels).

Enhanced Project Explorer
- Rich user interface shows file dates and times, along with extended system properties
- Faster and more powerful drawing file previews using the Microsoft Visio Viewer (a free download), providing multi-page and zoom capabilities.
- Enhanced Print Manager, Page Wizard, Revision Note and Table of Contents tools provide new capabilities and increased customization.
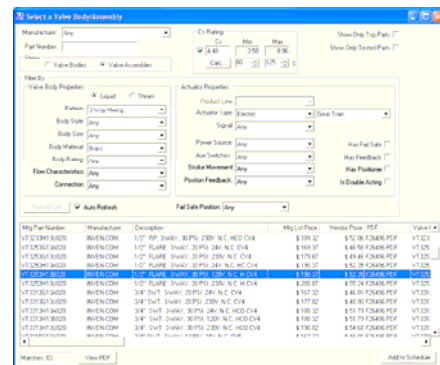

Improved Parts and PDF Browsing
- Supports fast keyword searching in part numbers and descriptions and display of both Manufacturer's List and Vendor Discounted prices.

New Site Manager Helps Organize and Work with Large Projects
- Create a logical structure of areas, such as buildings, floors and rooms to organize the various systems within the project.
- Easily view and change the Typical Of values for systems.
- Generate reports on portions of the project by selecting nodes from the tree.
- Further divide systems into sub-systems for finer granularity.

Enhanced Valve Sizing, Selecting and Schedule Tool
- Allows filtering and selecting by a coherent set of properties of the valve bodies and actuators, along with a calculated Cv range.
- Displays extended information about parts, including PDF, Manufacturer List and Vendor Discounted prices and filterable property values.
- Allows for the creation of Valve Schedules independent of a Designer Suite 2005 project.
- Parts Database has been reviewed and updated to

clear up previous inconsistencies and errors.
- Valve Schedule parts can be automatically scanned in the same way as a drawing file, making valve parts and systems available for all reports and Project Explorer features.

Enhanced PDF File Reports

- Enhanced PDF gathering and printing tool generates on-screen and Excel reports of the PDF files referenced in a portion or the entire project, and indicate which ones can be located, and which parts each one documents.
- Allows files to be printed, copied to a directory or compressed into a Zip file.