



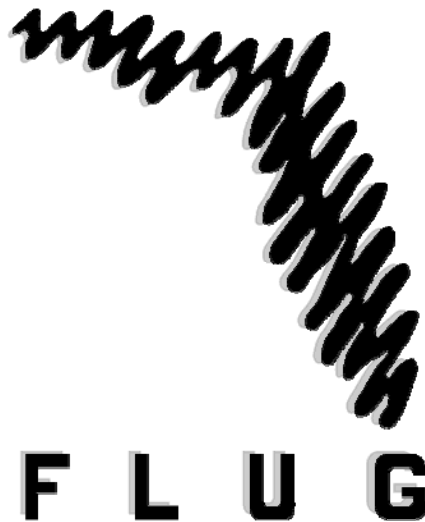
IT'S TIME FOR LEARNING.

FLUG
Spring Conference 2008

MicroStation XM Administrators

Presenter: Tom Stogdill, Senior MicroStation Product Consultant

Bentley Systems, Incorporated
685 Stockton Drive
Exton, PA 19341
www.bentley.com





www.bentley.com

Florida Local User Group
2008 FLUG Spring Conference

MicroStation XM Administrators

Presenter: Tom Stogdill, Senior MicroStation Product Consultant






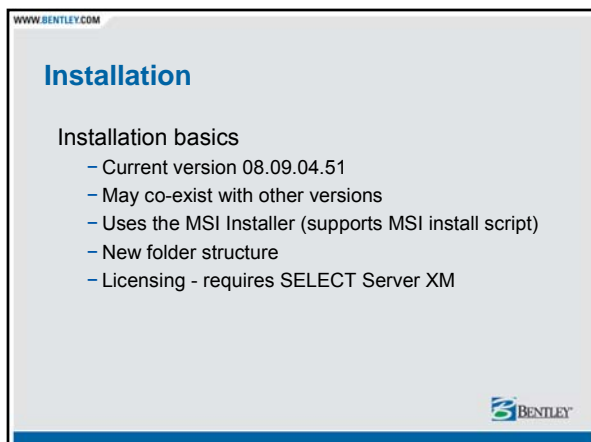
www.bentley.com

MicroStation XM Administrators

MicroStation V8 XM Edition provides many new enhancements. Some of what we will cover will include:

- Installation
- DGNLIB's
- Configuration variables
- Custom linestyles
- Project Explorer
- Design History
- Printing






www.bentley.com

Installation

Installation basics

- Current version 08.09.04.51
- May co-exist with other versions
- Uses the MSI Installer (supports MSI install script)
- New folder structure
- Licensing - requires SELECT Server XM




WWW.BENTLEY.COM

Prerequisites

MicroStation V8 XM Edition Software Prerequisite Pack

- Windows Installer 3.1v2
- Microsoft .NET Framework 2.0
- Microsoft .NET Framework 2.0 x64
- MSXML 4 with Service Pack 2
- VBA 6.4
- DirectX 9c (Dec. 2006 release)
- DHTML Editing Control for Applications




WWW.BENTLEY.COM

MicroStation XM Installation

MicroStation


- Processor – Intel® or AMD® processor 3.0 GHz or greater
- Memory – 256MB minimum, 512 MB recommended
- Disc Space – 900MB free disk space (includes 400MB install footprint for a complete installation)
- Graphics Card supported by DirectX 9.0.
- OS – Windows Vista, Windows XP, Windows 2000
- Microsoft Internet Explorer v6.0 or later with 128-bit cipher strength



WWW.BENTLEY.COM

File format

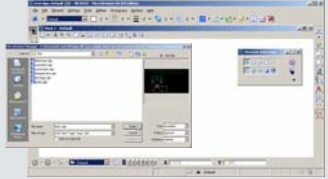
No change! MicroStation V8 XM Edition leverages the existing V8 DGN format. Documents created in earlier releases of V8 will operate fine in the XM Edition.



WWW.BENTLEY.COM

Interface

When you open your first DGN file in MicroStation V8 XM Edition, you will note significant changes to the default layout of the MicroStation V8 application window.




BENTLEY

WWW.BENTLEY.COM

Working Units

In the DGN File Settings dialog box, the Coordinate Readout category has been removed and Working Units have been reorganized. The controls from Coordinate Readout are included in Working Units.



BENTLEY

WWW.BENTLEY.COM

DGNLIB's

In MicroStation V8 XM Edition, DGNLIB's are more important than ever!

- Levels
- Level filters
- Text Styles
- Dimension Styles
- Multi-line definitions
- Cells
- Custom Linestyles
- Interface customization

BENTLEY

WWW.BENTLEY.COM


Configuration Variables

The configuration variables have been updated:

- New capability masks – Workmode.cfg and Capability.list
- C:\Program Files\Bentley\MicroStation\config\system

The location of Standards.cfg

- C:\Documents and Settings\All Users\Application Data\Bentley\WorkSpace\Standards





WWW.BENTLEY.COM

Levels

Levels and Level Manager have been updated!


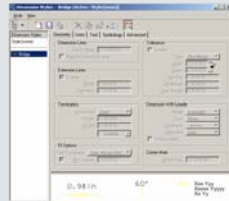
- Transparency
- Priority
- Import level filters



WWW.BENTLEY.COM

Dimension Styles

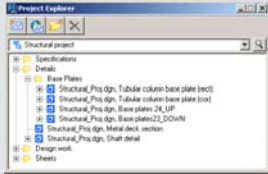
A re-designed Dimension Styles dialog box with new options...and Note Styles.



WWW.BENTLEY.COM

Project Explorer

Project Explorer allows you to navigate easily through the models, saved views, and references in a DGN file, as well as to other supporting files that have been linked to the DGN file.




BENTLEY

WWW.BENTLEY.COM

Cell Updates

The XM Edition extends annotation scale with the introduction of annotation cells. When you change the active model's Annotation Scale factor, annotation cells in the model are automatically scaled by the new factor.




BENTLEY

WWW.BENTLEY.COM

Printing

The format of printer driver files is changing. The .plt files are being replaced with new XML-based .pltcfg printer driver configuration files.




BENTLEY

WWW.BENTLEY.COM

Design History

The ability to track changes to models and to restore a model to a prior state can be quite useful in managing the design process. This is collectively referred to as **Design History**. MicroStation provides these abilities in the Design History tool box.

- Printable
- "Historical" reference attachments




WWW.BENTLEY.COM

Screen Menus

As an alternative to using the Customize dialog box to create tasks, you can customize the MicroStation interface by creating clickable screen menus.

A screen menu is similar to a digitizing tablet menu in that it is created as a MicroStation model and can contain menu blocks of varying shapes and sizes. The difference is that whereas a digitizing tablet menu is taped to the surface of a digitizing tablet, a screen menu is displayed on screen in its own resizable window.

You may simultaneously display and use up to five screen menus.



WWW.BENTLEY.COM


Screen Menus

The procedure for drawing a screen menu is identical to that for drawing digitizing tablet menus.

To attach (display) a screen menu:
Key in AM=<filename>,<model_name>,s<n>.
N is an integer in the range 1-5.

For example, the key-in AM=v8menu.dgn,Command,s1 would display, in a window titled "Screen Menu 1," the screen menu drawn in the model "Command" stored in the file "V8menu.dgn".

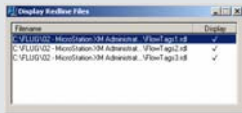
To detach a screen menu:
Close the window in which the menu is displayed



WWW.BENTLEY.COM

Multiple RDL File Support

The V8 XM Edition also adds support for attaching multiple red line (.rdl) files simultaneously.




BENTLEY

WWW.BENTLEY.COM


Format Support

Support for non-MicroStation formats has been extended to include support for reading and writing the AutoCAD 2008 DWG file format, support for placing 3D Studio models as cells, and the working with Google Earth, SketchUp, and The Google Warehouse.



BENTLEY

WWW.BENTLEY.COM



Thank you for attending!

BENTLEY
