



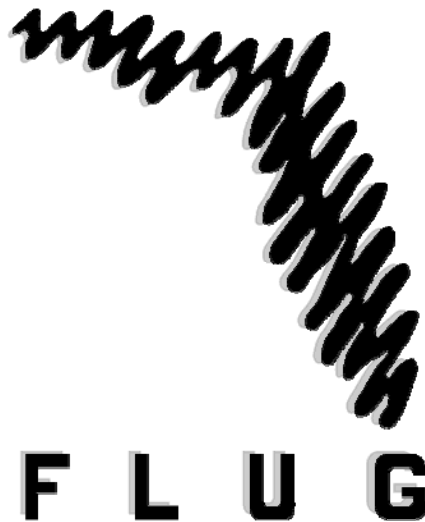
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FLUG
Spring Conference 2008

Introduction to MicroStation XM for Administrators

Presenter: Tom Stogdill, Senior MicroStation Product Consultant

Bentley Systems, Incorporated
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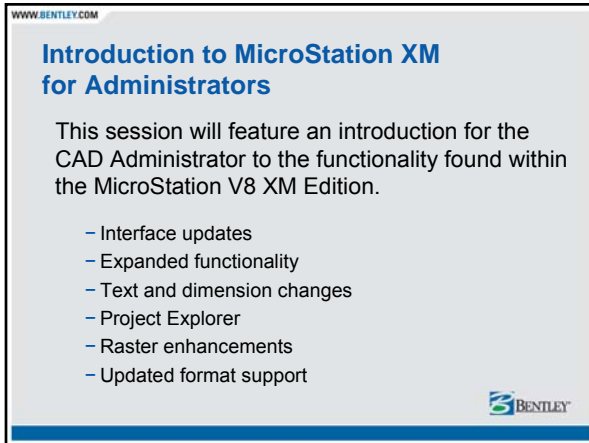
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Florida Local User Group
2008 FLUG Spring Conference

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for Administrators**

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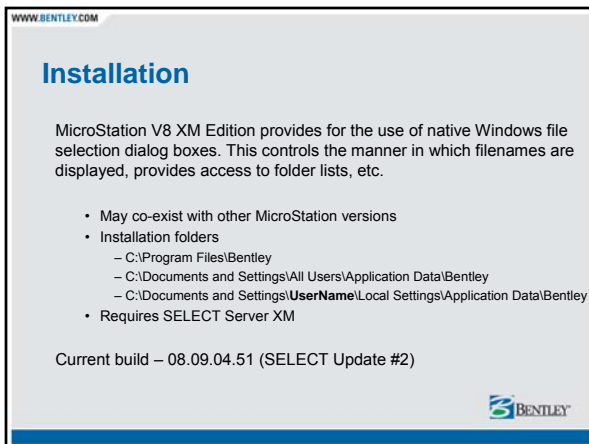
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**Introduction to MicroStation XM
for Administrators**

This session will feature an introduction for the CAD Administrator to the functionality found within the MicroStation V8 XM Edition.

- Interface updates
- Expanded functionality
- Text and dimension changes
- Project Explorer
- Raster enhancements
- Updated format support






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Installation

MicroStation V8 XM Edition provides for the use of native Windows file selection dialog boxes. This controls the manner in which filenames are displayed, provides access to folder lists, etc.

- May co-exist with other MicroStation versions
- Installation folders
 - C:\Program Files\Bentley
 - C:\Documents and Settings\All Users\Application Data\Bentley
 - C:\Documents and Settings\UserName\Local Settings\Application Data\Bentley
- Requires SELECT Server XM

Current build - 08.09.04.51 (SELECT Update #2)




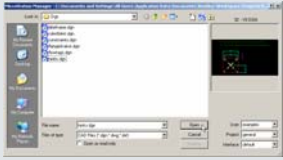
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Interface Updates

The MicroStation V8 XM Edition provides for the use of native Windows file selection dialog boxes. This controls the manner in which filenames are displayed, provides access to folder lists, etc.

Filename may be displayed as Thumbnails, Tiles, Icons, List (the default), and Details.

The use of this type of dialog box display is controlled through Look and Feel in User Preferences.





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Interface Updates

When a DGN file is opened in MicroStation V8 XM Edition, you will note significant changes to the default layout of the MicroStation application window.



- New Input Focus model
- Positional Keyboard mapping
- Task Navigation
- Element Templates
- Menu changes



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Interface Updates

Customization to the MicroStation interface is no longer stored in custom menu files (.M01). Element templates, toolboxes, tasks, and menu items are now delivered through a configured DGNLIB.




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Transparent Toolboxes


The XM Edition You can make the Tool Settings window or any non-modal dialog box partially transparent in order to see more of your model.

You can set the following Preferences in the Look and Feel category of the Preferences dialog box (Workspace > Preferences):

- Transparent dialog boxes become opaque when receiving focus — off by default.
- All modeless dialog boxes use the same transparency — off by default.



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Dockable Dialogs

A number of dialog boxes may be docked in the interface.

These dialog boxes can be docked as tabs, or as a horizontal or vertical panel next to another docked dialog box. The tabs shown in the docking region can be torn off to become floating dialog boxes. Dialog boxes can also be resized when docked.

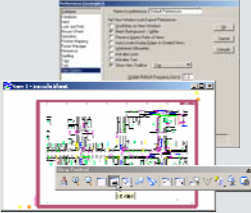




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View Window Updates

The MicroStation V8 XM Edition includes many enhancements to the View Windows. These enhancements include but are not limited to:


- View Control toolbar
- Scroll Bars (not on — default)
- View Attributes on View Control bar
- Right-click to customize tool list
- Active View Window (indicated by title bar highlight) is automatically acted upon by View Control tools from the View Control toolbar
- New View Options preferences in User Preferences

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Color Enhancements

The XM Edition has significantly enhanced capabilities in the usage of color in models, including the availability of PANTONE® and RAL colors and gradient fills.




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Transparency & Priority

New display settings for transparency and priority have been added to control the display of elements. Element transparency lets you apply transparency to elements in a model. Element Priority is a display only setting (2D models only) that determines the order in which elements are displayed in a view.



These settings may be applied:

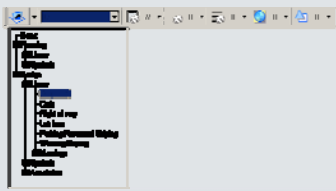
- Per element (active settings)
- Per level
- Per reference attachment

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Element Templates

An element template defines properties of elements. You can set general properties such as level, color, line style, and line weight; closed linear properties such as area, fill color, and fill type; text styles and text style overrides; cell properties; point properties; pattern properties; multi-line styles; dimension styles; and materials.




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Drawing Scale Window

The Drawing Scale window is a dockable window that contains controls for viewing and/or modifying working units, the annotation scale factor, the Annotation Scale Lock, the active Auxiliary Coordinate System (ACS), ACS scale, and ACS scale lock.




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Fence Enhancements

The Place Fence tool is enhanced to include options for creating and recalling named fences. That is, you can place a fence and then save its location for later recall. Where you have saved several named fences, a display toggle lets you display them all on screen, simultaneously.

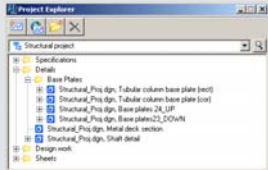


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Project Explorer

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.




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Dimension Styles

The reorganized dialog box provides a tree view of all dimension styles, plus groups of settings for geometry, units, text, and symbology. On the Advanced tab you can compare two dimension styles and review their differences. You can also compare a dimension style in the open DGN file with its DGN library version.




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Text Fields

As you place or edit text you can insert fields in the text whose content is derived. For example, it is possible to place a piece of title-block text that contains a field whose text is derived from the current filename and have this field be automatically updated if the file is renamed.



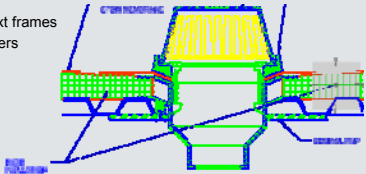
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Notes

The Place Note tool has been enhanced with the addition of:

- Note Styles
- Additional text frames
- Multiple leaders




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Raster Manager

Raster file handling has been significantly enhanced. Some of the additions include:

- Updated Raster Manager dialog
- Raster placed on level
- Raster "planes"
- Updated preferences
- PDF support (including multi-page PDF's)
- AccuSnap compliance


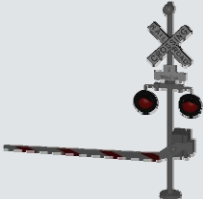


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Other Formats

MicroStation V8 XM Edition extends its support for other formats to include the following formats:

- Google SketchUp
- Google Warehouse
- 2008 DWG
- 3D Studio



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Thank you for attending

