



MicroStation CONNECT for IT and CAD Managers



© 2017 Archway Systems, Incorporated
Platinum Channel Partner

Survey – When are you planning to move to CONNECT

- A. Already moved to CONNECT
- B. In the process of moving now
- C. Within the next 6 months
- D. 6-12 months
- E. 12-24 months
- F. Haven't determined when

Moving to CONNECT

- Why move to CONNECT
- When to move to CONNECT
- How to move to CONNECT



Why move to CONNECT

- CONNECT is the only 64-bit version of MicroStation
 - Helpful for large files
 - Needed for large reality meshes and point clouds
- CONNECT has great new features
 - (see next slides)
- CONNECT is the future for all Bentley products
 - All new functionality in the future
 - All Bentley applications
 - Only CONNECT will be updated to support newer import/export of DWG
- Improved Workspace design
 - (see MicroStation CONNECT Configuration PowerPoint)
 - Configuration Migration Wizard
 - Workspace/Configuration in CONNECT is awesome!

MicroStation CONNECT Edition Highlights

1. Connected User Experience
2. Persistent Constraints
3. Functional Components
4. Reality Modeling
5. Documentation Center



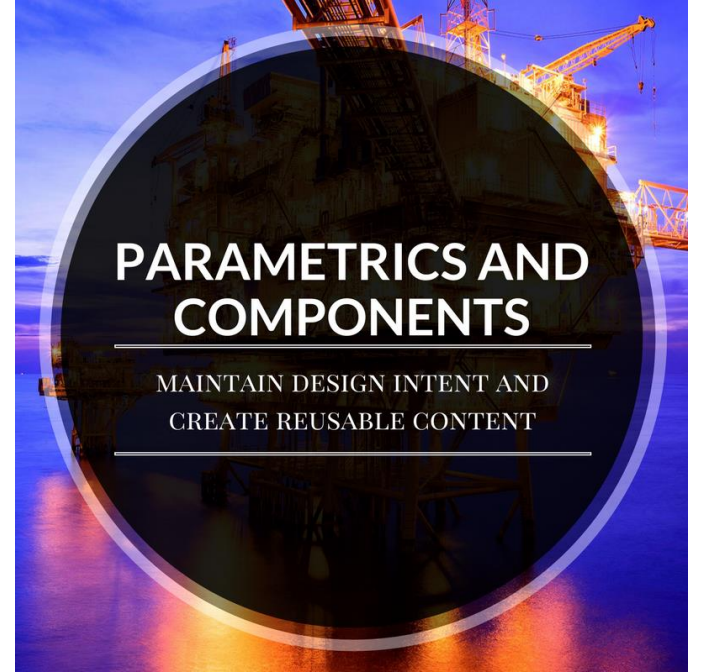
REALITY MODELING

DESIGN IN CONTEXT



CONNECTED USER EXPERIENCE

WORK COLLABORATIVELY ON
DESIGNS



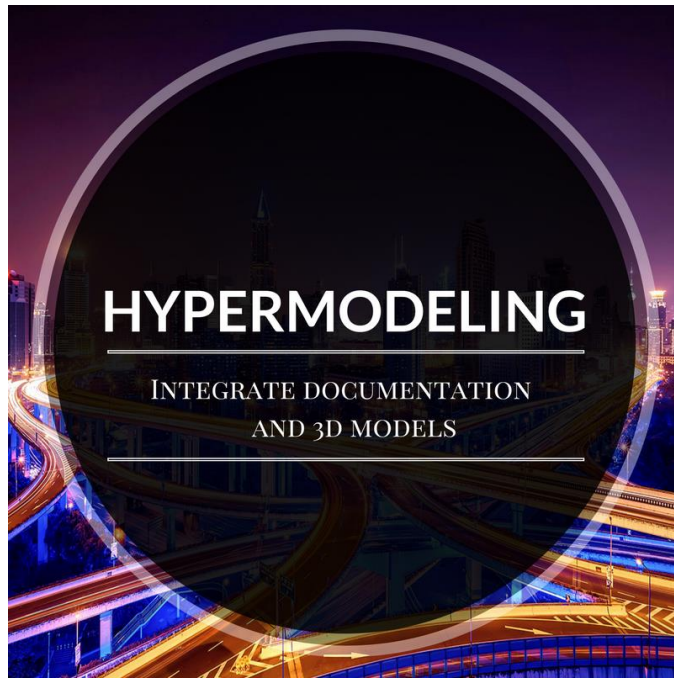
PARAMETRICS AND COMPONENTS

MAINTAIN DESIGN INTENT AND
CREATE REUSABLE CONTENT



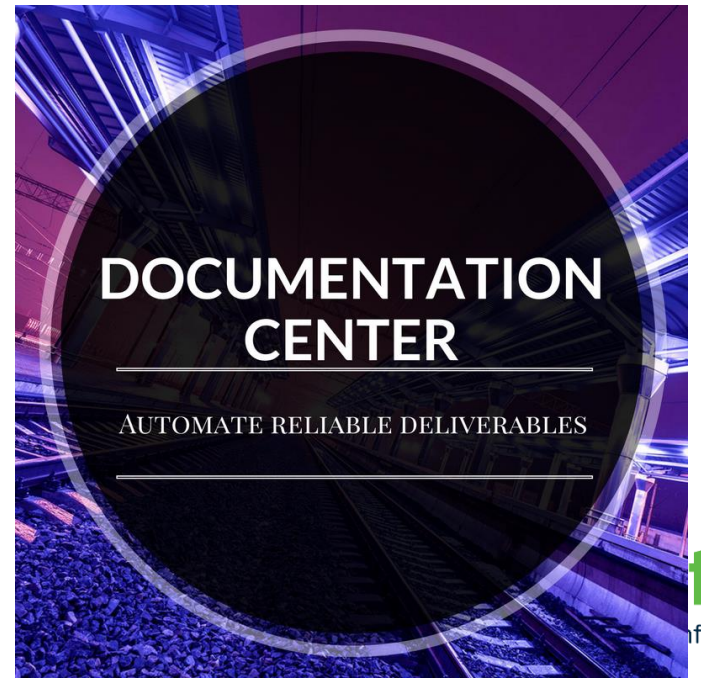
INTEROPERABILITY

BETTER INTEGRATE INFORMATION
AND TEAMS



HYPERMODELING

INTEGRATE DOCUMENTATION
AND 3D MODELS



DOCUMENTATION CENTER

AUTOMATE RELIABLE DELIVERABLES

Other new/changed features of CONNECT

- Display styles
- Item Types (replacing Tags)
- Record macros and make interactive without coding
- Fully customizable Tables
- Better experience when launching application
- Command Search (F4)
- Text tool (changed)
- Element Information is now Properties
- Properties dialog used for all including File, Properties

When to move to CONNECT

- When the owner/operator and/or Prime tells you to
 - When you need the new functionality
 - When you are ready (see How to slide)
-
- NOTE: CONNECT uses V8 DGN format so files worked on in CONNECT can be used in V8i.

- What does Owner/Operator provide to you?
 - Nothing
 - Dgnlibs, pen tables, color tables, cell libraries (but not in any structure)
 - Full Workspace, including the above
 - ProjectWise Managed Workspace that automatically downloads
- Does Owner/Operator use any of the new features?
 - Tables
 - Parametric cells/models
 - Item Types
 - CONNECT customizations

How to move to CONNECT

- Gather up arsenal of information: videos, PowerPoints and pdfs
- Determine issue you will have to face (next slide)
- Determine what you want your MicroStation interface to look like
- Determine a training path for ALL users!!!
- Develop a game plan and project schedule
- Consider hiring Archway or other to help you make this happen!

Issues you need to address **before** moving

- Do you have any MDL code?
 - All MDL routines need to be modified/rewritten
- Do you have customized menus, tasks or element templates?
- Do you have screen menus?
- Do you use Tags?
- Workspace changes
 - How complex is your workspace?
 - Are you using a Managed Workspace?
 - Do you just have one or multiple workspace?

Evaluating MDL

- Survey users to see which MDL routines are still used
- Is there a built-in feature that now serves the purpose?
- Do you have the MDL source code?
 - Less complex MDL routines can be rewritten in VBA
 - More complex can be rewritten as Native apps (C++)
- If you do have MDL – start this process early!

NOTE: MDL now stands for MicroStation Development **Library**

Customized menus, tasks or element templates

- Determine which are still being used
- Element Templates come across directly
- Options on where to put menu/task customizations
 - Ribbon/Workflow
 - Shortcut keys
 - Screen menus (graphical)
 - Context menu (right-click)
 - Toolbar (old school)
 - Turn on Tasks (stop gap)

Screen menus

- Screen menus have been completely revamped
- Better design
- Easier to implement
- More functionality
- Clearly here to stay

Tags

- Tags still exist but are now deprecated
 - Meaning they are marked to go away
- Replaced by Item Types
 - A more robust ability to add non graphical information to element
 - Used by AECOsim and other Bentley products

Workspaces

- Names and workspace levels has changed
- Better structure than V8i
- Safer structure than V8i
- Not to difficult to move from V8i to CONNECT unless you have a very complicated workspace