

# MicroStation CONNECT Configuration Development

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# Agenda

- ▶ The Terms
- ▶ Configuration Levels
- ▶ Folder Structure
- ▶ Configuration Concepts

## What's in a name?



- ▶ Workspace
- ▶ Site
- ▶ Project
- ▶ User



- ▶ Configuration
- ▶ Organization
- ▶ WorkSet
- ▶ WorkSpace
- ▶ User

▶ User

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1. The secret formula may have changed but it's still your same old MicroStation, it's just more refreshing
2. The terms have changed to make more logical sense of their purpose
3. New components/functions have been added to the GUI
4. Some of our old favorites still exist but are hidden
5. The previous term "Workspace" is now called a "Configuration", this is because you are configuring the software
6. Site which was meant for your corporate settings has been rebranded as "Organization" so you know your stuff goes here
7. Project has been changed to WorkSet so you understand that all the data you're dealing with is a set, this could be a single project or a program or a phase or contract of a specific project
8. User was a selectable option originally created to host user specific settings, mainly what projects you had access too
  1. Most firms made this either a client, department or role
  2. This is still hidden in the back-end

## Configuration Levels - V8i...

- ▶ System
- ▶ Application
- ▶ Site
- ▶ Project
- ▶ User

MicroStation V8i included 5 levels of configuration

1. System
2. Application
3. Site
4. Project
5. User

## Configuration Levels - CONNECT...

- ▶ System
- ▶ Application
- ▶ Organization
- ▶ WorkSpace
- ▶ WorkSet
- ▶ Role
- ▶ User

MicroStation CONNECT includes 7 levels of configuration

1. System
2. Application
3. Organization
4. WorkSpace
5. WorkSet
6. Role
7. User

# Configuration Levels CONNECT...

Change Me...

- ▶ Organization
- ▶ WorkSpace
- ▶ WorkSet
- ▶ Role

No Touch!!!

- ▶ System
- ▶ Application
- ▶ User

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Some configuration levels should “never” be touched

1. System
2. Application
3. User

Others are open access

1. Organization
2. WorkSpace
3. WorkSet
4. Role

## Folder Structure...

### V8i

- ▶ Program files, System configuration and Application configuration reside in C:\Program Files (x86)
- ▶ System resources along with folder structures and configuration files for Site, Project and User configuration reside in C:\ProgramData. This also included user interface settings

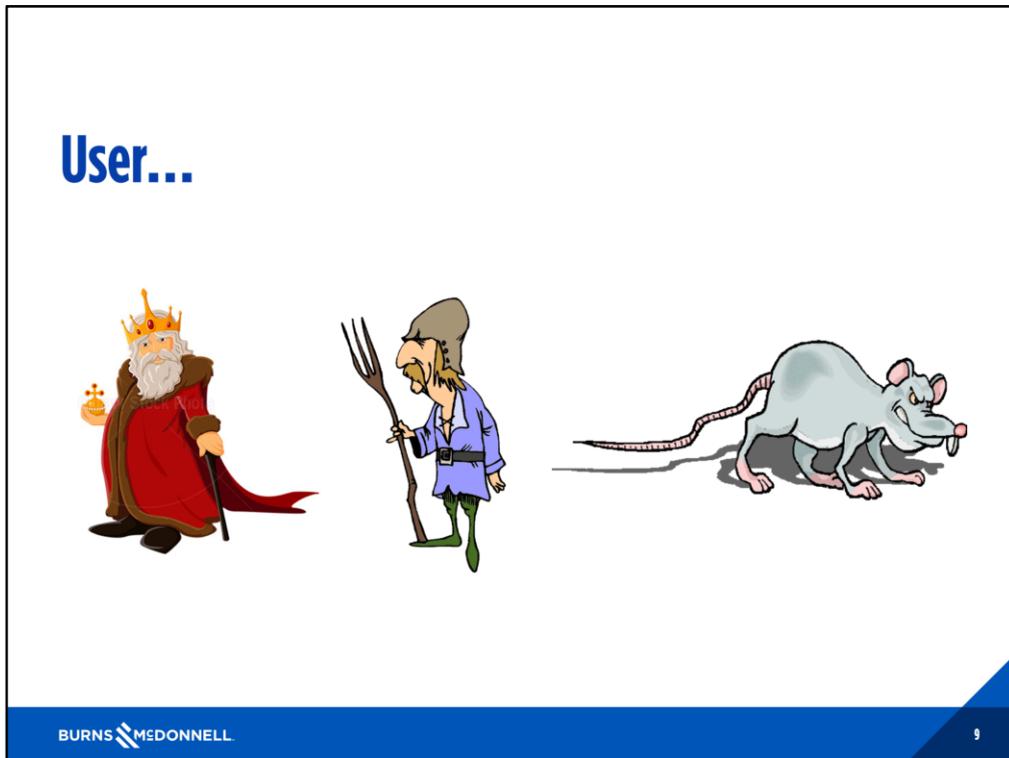
### CONNECT

- ▶ Program install resides in C:\Program Files
- ▶ System configuration and resources reside in C:\Program Files
- ▶ Application configuration and resources reside in C:\Program Files
- ▶ Play with me - C:\ProgramData
- ▶ User settings in the Windows Profile

## Interface...



1. Our old friend “The Interface” has moved on and is no longer part of this world
2. However he lives on in spirit in your Windows Profile
3. This includes settings like AccuDraw shortcuts, Function Key Menus, your user preference file (UPF), your personal DGNLIB (menus) and GUI XML files
4. All of these settings are version specific, there is no longer a need to build logic in your Configuration to separate/name these settings as MicroStation and Windows now control them
5. There are variables included that allow you to create seed files for most of these settings



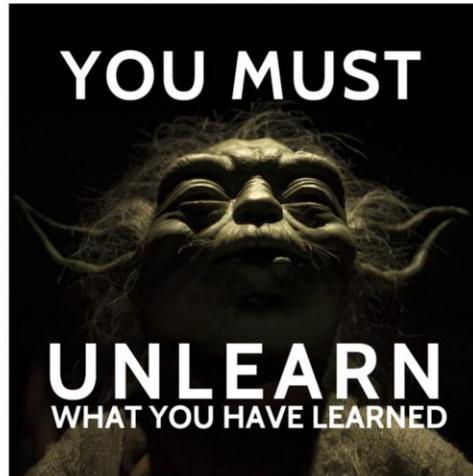
1. The User used to be the King of the MicroStation interface.
  1. Not only did he dictate what projects you had access too
  2. He also had the power to overrule anything you defined previously in your workspace
2. The King has now been demoted to a peasant
  1. The user is no longer seen or heard
  2. He's nameless
  3. He hides in your Windows profile
3. Unfortunately the Peasant is a Rat in disguise.
  1. Any change made in MicroStation's configuration window is still written to this file
  2. These changes have the ability of chewing through and creating holes in your Configuration

## Decision Time...



How are you going to configure your WorkSpaces?

**Start Over...**



1. Build your Configuration one step at a time
2. In all likelihood it may be better to start over and take advantage of Bentley's new approach to configuration

## WorkspaceSetup.cfg

- ▶ C:\ProgramData\Bentley\MicroStation  
08.21.05.036\Configuration\WorkspaceSetup.cfg
- ▶ Configures WorkSpaces to work within your organization
- ▶ Labels WorkSpaces in the GUI
- ▶ Points to your Organization configuration and resources
- ▶ Points to your Workspace configuration and resources
- ▶ Can define Workspace sub-folders

## WorkspaceSetup Variables

- ▶ `_USTN_WORKSPACELABEL`
- ▶ `MY_ORGANIZATION_LOCATION`
- ▶ `MY_WORKSPACES_LOCATION`
- ▶ `_USTN_WORKSPACESTANDARDSDIRS`

