

## Configuring Bentley MicroStation and PowerDraft for use with PowerOffice and ReticMaster.

In order to use the cell library, resource files and Macros with PowerOffice, the User needs to define the path to these files. Depending on the version of MicroStation - V7, V8, V8 XM or V8i - and the MS Windows Operating System - XP or Vista - being used, it is done in the following manner:

Check to see where PowerOffice is installed to e.g. a mapping to the installed directory on the network, and make a careful note of it.  
(By default this is set to C:\Program Files\Inspired Interfaces\PowerOffice11\)

Open Microstation and select Workspace\Configuration.

**NOTE! If using Bentley MicroStationPowerDraft V8i. Replace Microstation with PowerDraft in the path for Design Seed File and the ToolBar File.**

**Please note that these paths need to be exact. Typographical errors will prevent the system from working correctly. It is advisable to use Windows Explorer to browse to the various locations and copy the path from the address bar.**

Use the installed directory of PowerOffice as the prefix for all settings below where indicate

### **Cell Library**

With Edit Mode set to Append, set MS\_CellList to:

{installed directory}\SystemFiles\\*.cel

This setting is the same for all MicroStation versions and Windows versions.

### **Line Styles**

With Edit Mode set to Append, set MS\_SymbRsc to:

{installed directory}\SystemFiles\\*.rsc

This setting is the same for all MicroStation versions and Windows versions.

## Macros

With Edit Mode set to Prepend, set MS\_Macro to:

For MicroStation V7:                {installed directory}\PowerOffice\Macros\  
For MicroStation V8:                {installed directory}\PowerOffice\MacrosV8\  
For MicroStation V8 XM:            {installed directory}\PowerOffice\MacrosV8XM\  
For Microstation V8i                {installed directory}\PowerOffice\MacrosV8i\

**Remember the backslash \ after the directory name!**

## Design Seed File

In the {installed directory}\Support\ folder, select and copy the relevant seed file and paste it into the indicated Windows folder.

XP	V7	ElectrificationDesignV7.dgn	...\UStation\WSMOD\DEFAULT\SEED
	V8	ElectrificationDesign.dgn	C:\Program Files\Bentley\Workspace\system\seed
	V8 XM	ElectrificationDesign.dgn	C:\Documents and Settings\All Users\Application Data\Bentley\WorkSpace\System\seed
	V8i	ElectrificationDesign.dgn	C:\Documents And Settings\All Users\Application Data\Bentley\MicroStation\WorkSpace \System\seed
Vista	V8	ElectrificationDesign.dgn	C:\Program Files\Bentley\Workspace\system\seed
	V8 XM	ElectrificationDesign.dgn	C:\Program Data\Bentley\Workspace\system\Seed
	V8i	ElectificationDesign.dgn	C:\Program Data\Bentley\MicroStation\System\seed
7	V8	ElectrficationDesign.dgn	C:\Program Data\Bentley\Workspace\System\Seed
	V8XM	ElectrificationDesign.dgn	C:\Program Data\Bentley\Workspace\System\Seed
	V8i	ElectrificationDesign.dgn	C:\Program Data\Bentley\MicroStation\WorkSpace\System\seed

With Edit Mode set to Overwrite, set MS\_DesignSeed to ElectrificationDesign.dgn

Click OK,

Click OK again, Click Yes to save changes

Close MicroStation and re-start it for the changes to come into effect.

## **Toolbar File**

The PowerOffice Tools used in MicroStation are defined in the ustn.m01 file in the PowerOffice\SystemFiles\Toolbar V7 or \Toolbar V8 directory.

Locate the file, copy it and paste it in the relevant folder, depending on Windows and MicroStation version.

Windows MicroStation Copy to folder

XP	V7	C:\Win32app\ustation\WSUI\default
	V8	C:\Program Files\Bentley\Workspace\Interfaces\MicroStation\default
	V8 XM	C:\Documents and Settings\All Users\Application Data\Bentley\WorkSpace\Interfaces\MicroStation\default
	V8i	C:\Documents and Settings\All Users\Application Data\Bentley\MicroStation\Workspace\Interfaces\MicroStation\default
Vista	V8	C:\ProgramData\Bentley\WorkSpace\Interfaces\MicroStation\default
	V8 XM	C:\ProgramData\Bentley\WorkSpace\Interfaces\MicroStation\default
	V8i	C:\ProgramData\Bentley\MicroStation\WorkSpace\Interfaces\MicroStation\default
7	V8	C:\ProgramData\Bentley\WorkSpace\Interfaces\Microstation\default
	V8XM	C:\ProgramData\Bentley\MicroStation\WorkSpace\Interfaces\Microstation\default
	V8i	C:\ProgramData\Bentley\MicroStation\WorkSpace\Interfaces\MicroStation\default

If Ustn.m01 already exists from existing user toolbars, do not overwrite it, simply rename this file to Ustn.m02.

## **Viewing the toolbars**

In MicroStation select Tools\Tool boxes. Check the PO Electrification tool frame which will appear in bold.

Suggested Options to set:

In Workspace / Preferences, click Operation.

Checking Enter into Untitled Design makes MicroStation open up straight into a blank design using the selected design seed file as a template and the user doesn't have to select a file to open each time MicroStation is started.

Checking Save Settings on Exit makes MicroStation save changes to screen layout, such as open toolbars and their positions, so that these are not lost each time MicroStation is closed.