

CADD Services - Workspace

MicroStation V8 Workspace Variables

1. **Set the following system variables**

```
MS_CONFIG=c:\ncdot_v8_config\ncdot_mslocal.cfg
```

```
NCDOT_V8_CONFIG_DIR=C:\NCDOT_V8_CONFIG
```

```
NCDOT_V8_WORKSPACE_DIR=C:\NCDOT_V8_WORKSPACE
```

```
NCDOT_UNIT_WSNAME = "name"  
    ex. NCDOT_UNIT_WSNAME = Roadway )
```

Then download and run the [UpdateWS program](#).

Setting Up a Supplemental Workspace

Many Units use a Roadway workspace or a Location and Surveys workspace but have additional files that need to be appended that are specific to their work. Examples would be cell libraries, set files, macros, etc. This can be accomplished by setting up a supplemental workspace that contains these additional files.

1. Open the Update Workspace application from C:\Program Files\Update Workspace. Double click the UpdateWS.exe. Click in the box next to TEMPLATE_STDS, then click the UPDATE button. If you do not have the update workspace executable, you may obtain it from the NCDOT web site: [UpdateWS program in a .zip format](#).
2. Rename TEMPLATE_STDS to "Name_Stds" where Name is your Division name. (Example: Division9_Stds). Copy any files from your existing workspace that are not duplicated in any other workspaces to the proper directories.
3. You will then set the following system environment variable:
SUPPLEMENTAL_STDS = C:\NCDOT_V8_WORKSPACE\ "NAME" _STDS where "NAME" is the template name just created.
4. Edit the SupplementalCfg.dat file (found in the Template_Stds folder) adding variables that append to your new workspace. For example, the following variables may be set:

```
MS__CELL < $(SUPPLEMENTAL_STDS)/$( _USTN_PROJECTNAME)/CELL
MS_CELLLIST < $(SUPPLEMENTAL_STDS)/$( _USTN_PROJECTNAME)/CELL/*.CEL
MS_MDL < $(SUPPLEMENTAL_STDS)/STANDARDS/MDLAPPS/
```

NOTE: Do not modify anything in the block at the top of this file. These lines control the inclusion of additional Iplot settings files.

When MicroStation is opened, the files that are appended in the supplemental configuration file will be available.

This will allow the users to update the Roadway or Location workspace without affecting the supplemental workspace. This will prevent the need to copy files from one workspace to another

Make Sure to REBOOT The Machine for Environmental Variables Changes to take effect.

CADD Services - Update Workspace

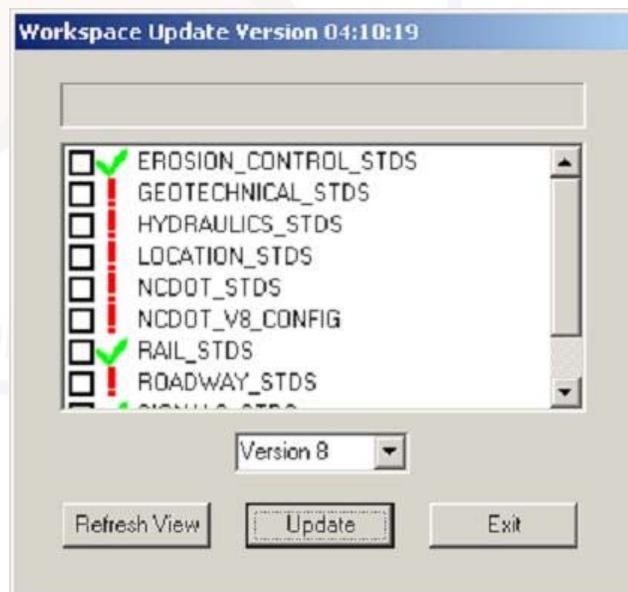
UpdateWS Users Guide

Download [UpdateWS](#) Program in .zip format

Instructions for use:

1. Select workspace name(s) to download.
2. Click Update button.

The UpdateWS application accesses an NCDOT FTP server and downloads the file structure of the workspaces on that server. It then looks at the local workspace directories on your machine and tells you if there are differences in them by placing a green checkmark (✓) beside it if it is up to date, or a red exclamation point (!) if it is not up to date. If you select a workspace that is up to date, and click the Update button, it will not do anything. If you select a workspace that is not up to date and click the Update button, the application will download all files that are not up to date. The first time you run it, it may take a while as it downloads all of the files it needs. Subsequent downloads will be minimal and only downloads the files that it needs.



Please note that the program will delete any "orphaned" or not needed files in the workspace directories. So please store any "files unique to your environment in a separate location.

NOTE: If the NCDOT environment variables are not set up on your machine, the program will tell you and then exit. If these environment variables are set up to point to a mapped or network drive, this program will write to those drives (write access permitting.) Additionally you must run the UpdateWS application outside of MicroStation in other words MicroStation can't be running while you are using UpdateWS.

