

Autodesk® Microdrainage Utility 2015

Thank you for downloading Autodesk® Microdrainage Utility 2015

The **Autodesk® Microdrainage Utility 2015** provides the ability for AutoCAD® Civil 3D® Pipe Networks to be renamed and exported to SWS/FWS format for analysis within System 1 and then imported to update the pipe network in AutoCAD® Civil 3D® to create a 3D model of drainage network as well as product plans, sections and pipe and structure schedules.

This readme contains the latest information regarding the installation and use of this extension. It is strongly recommended that you read this entire document before you apply this extension to your product. For reference, you should save this document to your hard drive or print a copy.

Key Features of this Extension

Microdrainage Utility consists of the following features:

- Utility to aid the renaming of the pipe network to naming convention
- Export pipe network to SWS and FWS file format
- Import and update existing network from SWS/FWS
- Prefix and suffix to pipe naming
- Change pipe network style

Note: This utility does not support the round tripping of data since any data generated is not maintained. The export is a clean file of the pipe network only. The more recent versions of System 1 also still support this core format.

General Installation Information

As you prepare to install this extension, keep the following in mind:

Language Version	This extension can be installed on any language version of AutoCAD Civil 3D 2015 on all supported operating systems. Be sure to install the correct extension for your software.
AutoCAD Entities	This extension creates base AutoCAD entities. There is no change to the AutoCAD Civil 3D drawing format and these objects can be used in other applications.
Apply Service Packs	Autodesk strongly encourages all AutoCAD Civil 3D users to download and apply service packs. This extension officially supports AutoCAD Civil 3D 2015 any future services packs that Autodesk may release.
Back Up Custom Files	It is recommended that you back up all custom CUI, MNR, and MNL files before you apply this extension.
Administrative Privileges	During installation, you will be prompted for the original installation media or a network image. In order to apply this extension, you must have administrative privileges to install and uninstall products.
Reboot	After you install, it is recommended to reboot your system even if not prompted.
Uninstall	This extension can be uninstalled by selecting the applicable extension in Control Panel. All files and command access options including menus will be removed.

Installation

Download the **C3D_2015_MICRODRAINAGE_ENGLISH_64.exe** to your desktop. Once downloaded, launch the Microdrainage Utility installer by running the **C3D_2015_MICRODRAINAGE_ENGLISH_64.exe** from your desktop. Follow the instructions on screen to complete the installation. Once installed, users can access the Microdrainage Utility commands via the AutoCAD Civil 3D Toolbox. A new entry will be created under the "Subscription Extension Manager" toolbox category.

Network Deployment

You can add Civil 3D Productivity Tools to a Civil 3D Network deployment.

1. Create a base deployment of Autodesk® AutoCAD® Civil 3D® 2015. This should be an out-of-the-box deployment with as little customization as possible other than license information.

2. Create a folder under the <Deploymentlocation>\<Deployment name>\Img\x64\Components\<ProductivityToolName>
3. Copy the Civil 3D Productivity Tool to <Deployment location>\<Deployment name>\Img\x64\Components\<ProductivityToolName>
4. On the workstation where you initially created the Civil 3D deployment, open the Tools folder and double-click the Create and Modify a Deployment shortcut icon.
5. On the Create Deployment > Configure page under Modification Options, select Create a New Deployment Using an Existing Deployment as a Template.
6. Specify a new name for the deployment, review and make any other changes, then click Next.
7. On the Create Deployment > License Agreement page, review the agreement and click Next.
8. On the Create Deployment > Product Information page, review the license information and click Next.
9. On the Create Deployment > Configure <Deployment Name> page, click on Include additional software in the product list to open the Additional software options.
10. Under Additional software click the Add button and browse to the Productivity Tool executable located in the <Deployment location>\<Deployment name>\Img\x64\Components\<ProductivityToolName>\ folder.
11. Under "Command Line Parameters", enter /Q to ensure the install doesn't halt your silent deployment.
12. Review and make any other changes, click "Click to close and return to the product list, then click Create. **Now any new deployments of Autodesk AutoCAD Civil 3D 2015 will have the productivity pack applied to them automatically.