

Manual install of ERDAS AutoCAD 2007-2009 Plug-in v2.3

This article relates to:

- AutoCAD 2007 / 2008 / 2009 ECW JPEG 2000 plug-in
 - AutoCAD 2008 / 2009 Plug-in
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Summary

This article explains how to manually install the ECW JP2 AutoCAD plug-in on unsupported AutoCAD products that the plug-in installer will not work on.

These are the currently supported AutoCAD products:

- AutoCAD 2007 English
- AutoCAD 2008 English
- AutoCAD 2009 English

No other languages or products (i.e. AutoCAD 3D Map 2008) are supported at this time.

While we have done everything we can to ensure these instructions are accurate and will work, we do not guarantee that the plug-in will ultimately work on your intended product.

These instructions, like the plug-in, are without warranty and ER Mapper/Leica Geosystems/ERDAS accepts no liability for any damage caused by the instructions or the plug-in itself. If you follow these instructions you do so at your own risk.

Solution

Please read the following licensing agreement, if you agree with the terms presented in the licensing agreement then you may proceed with the manual installation instructions. If you do not agree then please do not continue with the manual installation.

ECW/JPEG 2000 Plugin for AutoCAD 2007-2009

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InstructionsDownload packages

If you are running a 32bit version of AutoCAD then please download this package:

http://www.ermapper.com.au/downloads/plugins/ERDASAutoCADPlugin2.3BetaSetup_x86_20090701_ManualInstall.zip

And this MSVC8 redistributable:

http://www.ermapper.com.au/downloads/plugins/vcredist_x86_vc8_sp1.exe

OR, if you are running a 64bit version of AutoCAD then please download this package:

http://www.ermapper.com.au/downloads/plugins/ERDASAutoCADPlugin2.3BetaSetup_x64_20090701_ManualInstall.zip

And this MSVC8 redistributable:

http://www.ermapper.com.au/downloads/plugins/vcredist_x64_vc8_spl.exe

Extract files

Some versions of AutoCAD ship with xerces 2.7 (xerces-c_2_7.dll) and so does this plug-in. These files are not compatible as our plug-in will not work with the DLL supplied with AutoCAD. It is not recommended to overwrite any DLLs distributed with AutoCAD. If you have this problem there is no recommended solution at this time. If you decide to overwrite the xerces DLL, or any other DLL, distributed with AutoCAD it is done at your own risk.

1. Install the MSVC8 redistributable required for your platform.
2. Extract the files in the package to the AutoCAD installation directory. This is usually something like: "C:\Program Files\AutoCAD 2008". Be certain to preserve the directory structure in the zip file.
3. Once extracted, there should be an ERDAS directory in your AutoCAD installation directory and some new files in your AutoCAD installation directory (i.e. NCSEcw.dll, ERDASRasterFormatCodec.dll). If there is no ERDAS directory, then you have not preserved the directory structure of the zip file.

Setup registry

You will need to create some registry keys and string values. It is recommended that you backup your registry before doing this.

- Create the Plug-in INSTALL_PATH string:
 1. Create this key: HKLM\SOFTWARE\ERDAS\AutoCAD ECW JPEG 2000 Plug-in
 2. In the "AutoCAD ECW JPEG 2000 Plug-in" key create the a string value with the name INSTALL_PATH
 3. Give the INSTALL_PATH string the value:

<AutoCAD installation directory>\ERDAS

(i.e. "C:\Program Files\AutoCAD 2008\ERDAS")

- Create the AdImaging Key:
 1. Create this key: HKLM\SOFTWARE\Autodesk\AutoCAD\<AutoCAD release>\AdImaging
 2. Create a string value in the AdImaging key and call it "ERDAS Raster"

<AutoCAD release> is "R17.1" for AutoCAD 2008, it is "R17.2" for AutoCAD 2009, etc.

3. Give the “ERDAS Raster” string the value:

<AutoCAD installation directory>\ERDASRasterFormatCodec.dll

(i.e. “C:\Program Files\AutoCAD 2008\ERDASRasterFormatCodec.dll”)

Update the user interface

To enable the plug-in toolbar and the ERDAS menu please complete the following steps:

1. Open AutoCAD
2. Select Tools->Customize->Interface
3. Click the “Load partial customization file” button
4. Open the ERDAS.cui file in the <AutoCAD install directory>\ERDAS directory
5. Click apply and the ERDAS menu and toolbar should appear

Finished.

The plug-in should now be operational. You should now be able to open ERDAS imagery in AutoCAD.