

Autodesk® Publish DWG to Google Earth™ Extension

READ THIS FIRST

(Disclaimer: Remember that this is all early alpha and beta software; really cool technology, but it's unsupported, use at your own risk, etc. In other words, don't use these tools on mission critical projects! Lastly, we make no guarantee that these products/features will ever be commercially available.)

Overview

This AutoCAD 2011 add-on application is useful in publishing and viewing your DWG-based data and 3D models within Google Earth™.

This publishing tool is designed to specifically meet the needs of Architects, Designers, and Engineers using Autodesk products. Using the easy-to-use, wizard-driven interface, you can publish your 3D models directly from AutoCAD into Google Earth.

From the planning process all the way through to public approval, everyone involved in your project can now view and navigate your projects in the context of the rich, interactive Google Earth environment. Benefits include:

- Deliver high-impact presentations at planning board meetings or public hearings
- Streamline the preliminary project planning process
- Share conceptual plans with your clients as they develop
- Connect everyone involved in your project from the planning stage through to public approval

See the help file for detailed information on how to publish Autodesk DWG data directly into Google Earth. Information on using this application can be found in the *AeccDWGToGE.chm* help file available with this product.

You can obtain a copy of Google Earth™ here: <http://earth.google.com/>

Applicable Products

- AutoCAD 2011
- AutoCAD Architecture 2011
- AutoCAD Civil 3D 2011
- AutoCAD Map 3D 2011

Installation Instructions

You must have administrative privileges on your Microsoft® Windows® operating system to complete the installation process. It is strongly recommended that you exit all Windows programs before you start.

To install this product

1. Download the ZIP file to any temporary location.
2. Double-click the ZIP file to open, navigate to the 32-bit or 64-bit folder for the 2011 version, then double-click SETUP.EXE and follow the instructions to install this product.

The installer searches for applicable products and installs the required components.

Command Reference

Command Name	Description
IMPORTGEIMAGE	Brings current Google Earth view into AutoCAD as raster image. Use this command to georeference your DWG model data to correct position on earth's surface.
IMPORTGEMESH	Brings elevation data in current Google Earth view into AutoCAD as a mesh.

GETIME	Attaches time span information to AutoCAD entities which will be honored by the time tool available in Google Earth.
PUBLISHKML	Exports your 3D DWG model space entities to an external file for use within Google Earth.

What files are installed with this Extension?

AeccDWGToGE.arx - the main AutoCAD run-time extension add-on module

AeccDWGToGEEnu.dll - the Windows DLL module containing all localizable text strings and dialog boxes used by *AeccPublishKml.arx*

AeccDWGToGE.chm - a help file describing in detail how to use the Publish DWG to Google Earth application

AeccAdoClientProxys.dll - a Windows DLL module used to manage communication between AutoCAD and Google Earth

AeccAdoClientProxys64.dll - a Windows DLL module used to manage communication between AutoCAD and Google Earth (64-bit version only)

AeccAdoComServer.exe - a Windows executable module used to manage communication between AutoCAD and Google Earth (64-bit version only)

GoogleEarth.cui - a partial AutoCAD customization file containing a four-button toolbar allowing easy access to the four commands available with this add-on.

Readme Google Earth Extension for AutoCAD.pdf - This readme file.

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