



Release Notes - CloudWorx 4.0 for AutoCAD

August 15, 2008

These release notes provide important information about the contents of the CloudWorx 4.0 for AutoCAD product release.

WHAT'S NEW?.....**1**

- General Enhancements1
- The most important new features of CloudWorx 4.0 for AutoCAD are:.....1
- New TruSpace ScanWorld viewer1
- New KeyPlan capability1
- AutoCAD 2009 Compatibility1

CYCLONE DATABASE MANAGEMENT RECOMMENDATION**1**

AUTOCAD 2002 SUPPORT DISCONTINUED.....**2**

AUTOCAD 2004 SUPPORT ALERT**2**

INSTALLING CYCLONE CLOUDWORX 4.0 FOR AUTOCAD.....**2**

- Upgrading to CloudWorx 4.0 From CloudWorx 3.3 or Earlier2
- Compatibility with CloudWorx 3.2.12
- Compatibility with CloudWorx 3.2 and Earlier Versions2
- Updating and Optimizing CloudWorx 3.2 or Previous Databases to CloudWorx 4.02



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WHAT'S NEW?

CloudWorx 4.0 for AutoCAD provides several new important features. CloudWorx 4.0 requires Cyclone 6.0 to run.

GENERAL ENHANCEMENTS

THE MOST IMPORTANT NEW FEATURES OF CLOUDWORX 4.0 FOR AUTOCAD ARE:

- New TruSpace ScanWorld viewer
- New KeyPlan capability
- AutoCAD 2009 compatibility

NEW TRUSPACE SCANWORLD VIEWER

CloudWorx 4.0 for AutoCAD introduces an important new viewer called the TruSpace viewer. The TruSpace viewer is a specialized point cloud viewer that can be opened outside of AutoCAD. It works in a panoramic mode for easy view manipulation, like TruView. It allows users to include imagery (the Multi-Image) in the background of the point data, which makes it much easier to recognize the scanned scene. It also provides an easy method of driving or synchronizing the viewpoint in AutoCAD so getting to the desired viewpoint is much easier.

In addition to driving the viewpoint in a synchronized method, the user can pick points in the new TruSpace panoramic viewer and have those picked 3D coordinates provided to any running AutoCAD command. For instance, a user might start the "line" command in AutoCAD, then draw the line by picking consecutive points in the TruSpace panoramic viewer, where they are easily identified.

Finally, users can also define a limit box in the panoramic TruSpace viewer and the limit box is immediately created in the AutoCAD view as well. This provides a new, easy method of quickly selecting a subset of the point cloud for easy modeling, tracing, etc. in AutoCAD.

NEW KEYPLAN CAPABILITY

In addition to the TruSpace viewer, a new element called a KeyPlan in the Cyclone database provides a graphical interface for viewing a plan of the scanned area with each scanner location identified. By selecting points on this KeyPlan, the appropriate viewpoint is set in the TruSpace viewer, and thus in the AutoCAD viewing environment, making it easy to move around large projects with ease.

AUTOCAD 2009 COMPATIBILITY

CloudWorx 4.0 for AutoCAD introduces compatibility with the AutoCAD 2009 family of AutoCAD based products,

CYCLONE DATABASE MANAGEMENT RECOMMENDATION

- To avoid possible database inconsistencies or corruption, we recommend the following:
 - Locate each .IMP file in its own folder.
 - When copying, moving or backing up databases, we recommend backing up the *complete database folder*, including the **eventlog** and **recovery** folders and files.
 - The **eventlog** records administrative events and critical errors.
 - The **recovery** file keeps databases consistent, avoiding data corruption that may happen in rare situations.
 - A warning dialog is displayed if a database's recovery folder cannot be found when it is added to the server. Push the **More Info** button for more information.

AUTOCAD 2002 SUPPORT DISCONTINUED

CloudWorx and COE Data Transfer for AutoCAD no longer support the AutoCAD 2002 or the AutoCAD 2002 based family of products Autodesk has discontinued services and support for AutoCAD 2002-based products, effective January 15, 2006. If you are currently using AutoCAD 2002, consider upgrading to AutoCAD version 2004 or higher.

AUTOCAD 2004 SUPPORT ALERT

Future CloudWorx and COE Data Transfer for AutoCAD will no longer support the AutoCAD 2002-based family of products. Autodesk has discontinued services and support for AutoCAD 2004-based products, effective January 15, 2006. If you are currently using AutoCAD 2002, consider upgrading to AutoCAD version 2005 or higher.

INSTALLING CYCLONE CLOUDWORX 4.0 FOR AUTOCAD

UPGRADING TO CLOUDWORX 4.0 FROM CLOUDWORX 3.3 OR EARLIER

You must have Administrator-level privileges on your workstation to correctly install *Cyclone* CloudWorx software.

Run the *Cyclone* 6.0 installer. Then run CloudWorx 4.0 InstallShield and follow the directions in the InstallShield Wizard to proceed with the installation. Please heed warning message about compatibility of earlier versions' databases.

COMPATIBILITY WITH CLOUDWORX 3.2.1

Cyclone 6.0/CloudWorx 4.0 databases are interchangeable with *Cyclone* 5.5/5.6/5.7/5.8 and CloudWorx 3.2.1 databases. Updating and optimizing *Cyclone* 5.5/5.6/5.7/5.8 and CloudWorx 3.2.1 databases is not required before use in *Cyclone* 6.0/CloudWorx 4.0.

COMPATIBILITY WITH CLOUDWORX 3.2 AND EARLIER VERSIONS

Cyclone 6.0/CloudWorx 4.0 databases are *NOT* backwards compatible with *Cyclone* 5.4/CloudWorx 3.2 or previous versions. Therefore, databases that are updated using *Cyclone* 6.0/CloudWorx 4.0 cannot be used with earlier versions. If you will need to work with your data in older versions of *Cyclone* or CloudWorx, you should make an archive copy of your database(s) prior to upgrading.

UPDATING AND OPTIMIZING CLOUDWORX 3.2 OR PREVIOUS DATABASES TO CLOUDWORX 4.0

Cyclone 5.4/CloudWorx 3.2 and previous databases can be opened by CloudWorx 4.0 only after being updated and optimized to be compatible with *Cyclone* 6.0/CloudWorx 4.0. Since it can take some time to update and optimize *Cyclone* databases, we recommend that you optimize your databases overnight, particularly when multiple databases are involved.