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- Seminar / Workshop Schedule

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<http://www.innocom.com.sg/livehelp.htm>

Once you click on it, it will lead you to the Technical support window.

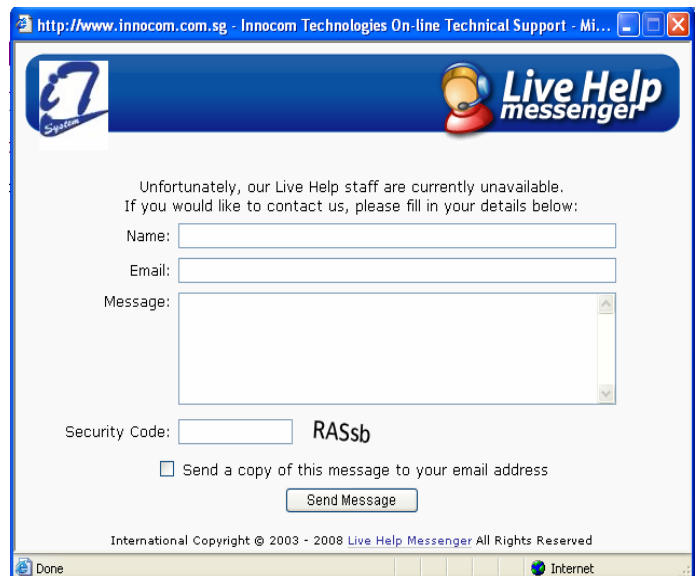
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<http://www.innocom.com.sg/livehelp.htm>

You will be receiving an email from your contact at Innocom. Attached to it would be a headset type icon.



If in any case, the current status is "Live help - away, returning soon", you will still be able to reach Innocom's support by clicking the icon, a new window will pop out for you to fill up your details. Type in your support request message.



After that, type the security code and send your message.

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FREQUENTLY ASKED QUESTIONS: AUTODESK RASTER DESIGN

AutoCAD Raster Design 2009 Service Pack 1

Who Should Install the Service Pack?

Service Pack 1 is for AutoCAD Raster Design 2009, in all languages, running on all supported operating systems.

Installing AutoCAD Raster Design 2009 SP1

Important: You must close all applications before installing the AutoCAD Raster Design Service Pack.

To install the SP1 files

1. From the Product Support web site, download the service pack file.
2. Copy the service pack EXE file into a temporary folder on your computer and run the file.

To extract the Patch.msp file for updating Network Administrative Images

1. Download and/or copy the service pack to a location on your hard drive (i.e. c:\ard_sp1.exe).
2. From the command prompt type the following:
"c:\ARD9_sp1.exe /e ARD9_sp1.msp".

This will extract the ARD9_sp1.msp file.

Service Pack Changes

AutoCAD Raster Design 2009 SP1 resolves the following issues:

- Solid AutoCAD 2D objects were not visible and could not be printed using AutoCAD Raster Design 2009.
- When using the API to insert images with World files, the scale and density values were being removed and the images inserted incorrectly.
- Using the touchup function multiple times on a single inserted image was causing unexpected shutdown of the program.
- When creating a new image in a unitless drawing,

the scale value in the dialog was not correct, and the image created was larger than selected.

- Changes made to the Code field in the Transform - Drawing Coordinate System properties of the Image Insertion dialog box were not being saved as expected when switching between tabs after selecting the Transform checkbox.
- Using the Merge functionality with DTEXT was resulting in hollow text and rasters that were not aligned with the original text.
- Merging special characters of DTEXT reveals shortcut text.
- On the Assign Color Map tab of the Image Insertion dialog box, the Apply button did not work.
- On the Modify tab of the Image Insertion dialog box, the Density field was editable when it should not have been.
- The label text for two of the options on the Image Ribbon's Vectorize And Recognize Text pane were improperly displayed.

Published date: 2008-Jul-23

ID: DL11586692

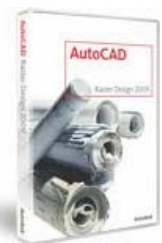
Applies to:

AutoCAD Raster Design 2009

- AutoCAD Raster Design 2009 Service Pack 1 - 32bit (exe - 952Kb)
- AutoCAD Raster Design 2009 Service Pack 1 - 64bit (exe - 5248Kb)

Download at:

<http://usa.autodesk.com/adsk/servlet/ps/dl/item?siteID=123112&id=11586692&linkID=9240978>



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TIPS AND TRICKS: RENDER HOTFIX

This hotfix reduces the memory requirements for rendering drawings that contain textured objects.

Description of Problem

While rendering drawings with textured objects, AutoCAD® 2009-based products may run out of system memory and crash. This hotfix allows you to render some of these drawings.

Affected Products

- AutoCAD 2009
 - AutoCAD Architecture 2009
 - AutoCAD Civil 3D® 2009
 - AutoCAD Electrical 2009
 - AutoCAD Land Desktop 2009
 - AutoCAD Map 3D 2009
 - AutoCAD Mechanical 2009
 - AutoCAD MEP 2009
 - AutoCAD P&ID 2009
 - AutoCAD Raster Design 2009
 - AutoCAD Revit® Architecture Suite 2009 (1)
 - AutoCAD Revit MEP Suite 2009 (2)
 - AutoCAD Revit Structure Suite 2009 (1)
 - Autodesk® Inventor™ Professional 2009 (3)
 - Autodesk Inventor Suite 2009 (3)
1. Apply this hotfix only if the installation includes AutoCAD 2009.
 2. Apply this hotfix only if the installation includes AutoCAD MEP 2009.
 3. Apply this hotfix only if the installation includes AutoCAD Mechanical 2009 or AutoCAD Mechanical Desktop® 2009.

To install the Render Hotfix

NOTE: You must have administrative privileges on your Microsoft® Windows® operating system to complete the installation process.

1. Close all software applications.
2. Find the product installation folder (for example, C:\Program Files\AutoCAD 2009).

3. In this folder, right-click the Nexus.dll file and select Properties.
4. Click the Version tab and confirm the file version.
 - If the file is version 9.2.56.0, then proceed with this installation.
 - If the file is version 9.2.56.7 or higher, then this hotfix has already been applied.
5. Rename the affected original files.
 - In the product installation folder, right-click the Nexus.dll file and rename it Nexus.bak.
 - In the DRV subfolder of the installation folder, right-click the mentalray9.hdi file and rename it mentalray9.bak.
6. Based on the version of your product, double-click Render_Hotfix_32bit.zip or ender_Hotfix_64bit.zip.
7. Extract affected files to respective folders.
 - Nexus.dll to the product installation folder (for example, C:\Program Files\AutoCAD 2009).
 - mentalray9.hdi to the DRV subfolder of the product installation folder (for example, C:\Program Files\AutoCAD 2009\DRV)
8. Verify the version of the replaced file.
 - Right-click the new Nexus.dll file and select Properties. Click the version tab and confirm that this file is version 9.2.56.7.

NOTE: To remove this hotfix, delete the new Nexus.dll or mentalray9.hdi file that you downloaded to the product installation folder and restore the file you renamed in Step 5 to the original name.

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<http://usa.autodesk.com/adsk/servlet/ps/dl/item?siteID=123112&id=11294295&linkID=9240618>

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FREQUENTLY ASKED QUESTIONS: AUTODESK MAPGUIDE STUDIO

Creating a symbol library from AutoCAD blocks

Issue:

You have a DWG file that contains point features that you stylized using AutoCAD blocks as symbols.

When you loaded the drawing in Autodesk MapGuide Studio 2009, you noticed that a symbol library was not created for the AutoCAD blocks you used in your DWG file and those symbols were not available in MapGuide Studio.

Solution:

In MapGuide Studio 2009, you can create a symbol library from drawing symbols (AutoCAD blocks) by publishing the DWG file from AutoCAD Map 3D 2009.

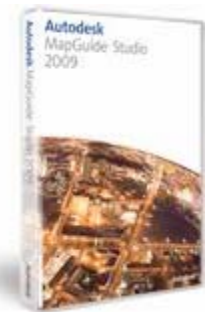
Follow these steps:

1. In AutoCAD Map 3D 2009, right-click the point feature layer in Display Manager. On the Shortcut menu, click Edit Style.
2. In the Style Editor, under Scale Ranges, select the scale range to style.
3. In the Point Style area for the selected scale range, under Style, click the box.
4. In the Style Point dialog box, select the Style A Point Symbol check box.
5. Click the Symbol button.
6. In the Select A Symbol dialog box, click the button on the right side of the drop-down list to open a block symbol file (external drawing).
7. Select one of the available symbols from the external file you want to use for stylizing the point feature layer.
8. Close the Style Editor.
9. Save the DWG file.
10. On the File menu, click More Plotting Options >

Publish to Autodesk MapGuide.

11. In the Publish To MapGuide dialog box, specify the URL for the target website. If the site requires a password, a Connect to Site dialog box will appear. Enter your user name and password.
12. Select a folder for the published files.
13. Click Publish.

Now, the AutoCAD blocks used in Map 3D 2009 for stylizing the point feature layers will be included in a new Symbol Library in Autodesk MapGuide Studio 2009. Additionally, those symbols will be available for stylizing other point feature layers in MapGuide Studio.



Note: This procedure will not work if the AutoCAD blocks you use in the drawing file are defined within the drawing. Instead, the AutoCAD blocks must be selected from an external drawing.

For more information and quotation request or product demonstration, please call or email:

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PATCHES AND UPDATES: AUTOCAD CIVIL 3D 2009 UPDATE 1

Who Should Install This Update?

This update, C3D2009SP1.exe, is for all versions of AutoCAD Civil 3D 2009 running on English-language and non-English-language operating systems.

General Installation Information

- It is recommended that you create a backup of all custom CUI (menu customization) files before installing the update. These files are located in the following locations:
 - Microsoft® Windows® XP: Documents and Settings\\Application Data\Autodesk\C3D 2009\enu\Support folder
 - Microsoft® Windows® Vista: <user name>\AppData\Roaming\Autodesk\C3D 2009\enu\Support folder
- During the installation of this update, you may be prompted for the original installation media or network image.
- The following benign error message may be displayed when installing this update on non-English language operating systems, or when the English product is installed on a non-English locale:

Resource Manager Error: Cannot load resource only DLL: C:\Program Files\AutoCAD Civil 3D 2009\AecResMgr50enu.dll

This error message may also be displayed when running the AutoCAD Civil 3D Content Browser feature on certain non-English language operating systems. If you see this error message, simply click OK and proceed with the update installation or with using the Content Browser.

Important: You cannot run an automatic uninstall to remove this update. To restore your version of AutoCAD Civil 3D 2009 to its pre-update state, uninstall AutoCAD Civil 3D 2009 and reinstall it.

Windows Command Line Switches

The Windows command line switches built into this update are as follows:

- /e - Extracts the MSP file from the update executable.
- /p - Extracts a patch list from the update executable.
- /q - Suppresses the completion message after the update is applied. This is useful if you use a script or batch file to apply the update to multiple computers.

Instructions about how to use these command line switches are included in the procedures that follow.

Applying this Update to a Stand-alone Installation

- Download C3D2009SP1.exe and save it to any folder.
- Insert your AutoCAD Civil 3D 2009 media into your media drive.
- Navigate to the folder where you saved the update.
- Double-click the executable file to begin the installation.

Applying this Update Through Your Local Network Using a Patch List

Use this procedure if you want to use Communication Center to apply this update through your local network.

To apply this update through Communication Center using local patch list functionality

- On a machine that has AutoCAD Civil 3D 2009 installed, install the Autodesk CAD Manager Tools. To install the Autodesk CAD Manager Tools, insert the AutoCAD Civil 3D 2009 product media and select Install Tools and Utilities. On the Select the Products to Install page, select Autodesk CAD Manager Tools. Click Next to review and accept the License Agreement, then click Install to start the installation.

NOTE: The update should not be installed on this machine.

- In a shared location, create a folder where the patches will be downloaded to (example: \\servername\shared_folder_location\).
- Click Start > Programs > Autodesk > CAD Manager Tools > CAD Manager Control Utility.
- Select AutoCAD Civil 3D 2009 from the drop-down list and click OK.
- On the InfoCenter tab, under Communication Center Panel, select Enable Live Updates. From the drop-down list, select Receive Live Updates from Local Network.
- Select Browse and browse to the previously created shared location (example: \\servername\shared_folder_location\).
- Select Manage Patches. This option will connect with the Autodesk servers and allow you to download any available patches for your current installation of AutoCAD Civil 3D 2009.
- Under Manage Patches you will see AutoCAD Civil 3D 2009 Service Packs listed. Select the update you want to apply. Under Action Type select Add To Patch Folder and select Update Patch Folder.
- Under details you will see "downloaded to local patch folder on <time><date>".
- Click Close.

In AutoCAD Civil 3D 2009, ensure the Communication Center is configured. Once it is configured you will see that a Live Update

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Maintenance Patch is available.

Applying this Update to an AutoCAD Civil 3D 2009 Network Administrative Image

The following two methods of distributing AutoCAD Civil 3D 2009 Update 1 apply only to administrative images created with the AutoCAD Civil 3D 2009 Network Installation wizard. After you complete these procedures, any new deployments of AutoCAD Civil 3D 2009 will have the update applied to them automatically.

NOTE: In both of the following procedures, the update file that you download contains an MSP (Microsoft Patch) file. You must extract that file from the executable file. To extract the MSP file from the executable, use the /e ("extract") switch.

To add AutoCAD Civil 3D 2009 Update 1 to a new AutoCAD Civil 3D 2009 administrative image

1. From the Autodesk Product Support website, download C3D2009SP1.exe to your local computer.
2. On the Start menu (Windows), click Run. Enter the following information, and then click OK. `<local drive>:\<patch name> /e <local drive>:\<patch name.msp>`
3. From the installation media, select Create Deployment.
4. Select the location of your deployment and provide a name, and then click Next.
5. Select the products you would like to install, and then click Next.
6. On the Configure page, select the Configure button to customize the deployment.
7. Continue with the customizations of the deployment. On the Include Service Packs page, use the ellipses button to browse to the location of the MSP file that was downloaded and extracted from the executable file.
8. Select an option to either merge or append the installation of the update. Merging the installation installs both Civil 3D and the update during the product installation. Appending the installation installs Civil 3D and then installs the update.
9. Complete the customizations and select Configuration Complete, then select Create Deployment.

To apply AutoCAD Civil 3D 2009 Update 1 to an existing AutoCAD Civil 3D 2009 administrative image

NOTE: Before applying AutoCAD Civil 3D 2009 Update 1 to the existing AutoCAD Civil 3D 2009 administrative image, ensure that all client machines have already been updated with Update 1.

1. From the Autodesk Product Support website, download C3D2009SP1.exe to your local computer.

2. On the Start menu (Windows), click Run. Enter the following information, and then click OK. `<local drive>:\<patch name> /e <local drive>:\<patch name.msp>`
3. On the computer where you created the original AutoCAD Civil 3D 2009 deployment there is a "modify <deployment name>" shortcut. Double-click this shortcut.
4. On the Install Framework page, you can select a new name or location for the deployment.
5. On the Begin Deployment page, specify a new name or leave the name as-is.
6. Review and make any changes required on the Review - Configure - Create Deployment page.
7. Select Configure and then make any appropriate changes on the Include Service Packs page. Now use the ellipses button to browse to the location of the MSP file that was downloaded and extracted from the executable file.
8. Select an option to either merge or append the installation of the update. Merging the installation installs both Civil 3D and the update during the product installation. Merging the installation installs both Civil 3D and the update during the product installation.
9. Complete the customizations and select Configuration Complete, and then select Create Deployment. Now any new deployments of AutoCAD Civil 3D 2009 will have the update applied to them automatically.

Known Issues in AutoCAD Civil 3D 2009 Update 1

The following is a known issue in AutoCAD Civil 3D 2009 Update 1.

MapExport.ini file is installed in the wrong folder

To resolve this issue:

1. After installing AutoCAD Civil 3D 2009 Update 1, browse to the following folder:
 - (Microsoft Windows XP) C:\Documents and Settings\All Users\Application Data\Autodesk\AutoCAD Civil 3D 2009\R17.2
 - (Microsoft Windows Vista) C:\Program Data\Autodesk\AutoCAD Civil 3D 2009\R17.2
2. Select the MapExport.ini file, and right-click > Copy.
3. Browse to the following folder:
 - (Microsoft Windows XP) C:\Documents and Settings\All Users\Application Data\Autodesk\C3D 2009

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- (Microsoft Windows Vista) C:\Program Data\Autodesk\C3D 2009

4. Paste the MapExport.ini file in this folder.
5. If you have already run the MAPEXPORT command, the file will already exist in this folder. When you are prompted to replace the existing file, click Yes.

AutoCAD Civil 3D 2009 Issues Reported with the Customer Error Reporting Utility

As a result of detailed information from customers who used the Customer Error Reporting Utility, a number of issues in the following areas were identified and fixed in this update:

- API
- Audit
- Corridor Design
- Feature Lines
- Grading
- Install
- Lines/Curves
- Parcels
- Points
- Save As
- Settings
- Surface
- Survey

Issues Resolved in AutoCAD Civil 3D 2009 Update 1

This update includes the resolution of over 100 issues. This section of the readme documents the resolved issues that previously caused loss of data, unexpected failures of Civil 3D, or reflect a change in functionality.

General

- You can now open a drawing in Civil 3D 2009 that was created in a previous version. Previously, the program would close unexpectedly in certain situations.
- Selecting Arbitrary X-Y Coordinate System on the Units and Zones tab in the Drawing Settings dialog box no longer causes the program to close unexpectedly.
- Inserting a block from a tool palette no longer causes the program to close unexpectedly.
- The shortcut notification window in a client drawing is now displayed when the source drawing is modified and saved.
- When you create a deployment and add a shortcut name in the shortcut parameter, such as "/p c:\profile.arg", the program no longer closes unexpectedly when you attempt to install using the deployment.

- Object styles persist as expected when you use the Copy and Paste commands on objects. Previously, using these commands to copy and paste objects would randomly cause some object styles to disappear.
- Closing a drawing no longer causes the Toolspace Prospector window to close unexpectedly.
- A temporary drawing object that is created when you use the View/Edit Corridor Section command is now being deleted when you exit the command.
- Creating parcel lot lines, alignments, and grading feature lines from an xref entity no longer causes the Audit command to issue an error about invalid linetypes.
- Inserting a drawing that contains proxies no longer causes the program to close unexpectedly.

Alignments

- The start station and end station properties for a fourth spiral in a SCSSCS curve group now display the correct values in the Alignment Entities panorama vista.

API

- When using the API extension dictionary, objects are now properly propagated across data references for all object types.
- Performance is improved when you use AeccPoints::AddMultiple() to add points.
- In the AeccSettingsSurfaceBuildOptions object, the values for ElevationMin and ElevationMax are now correct. Previously these values were reversed.
- AeccStyle::ExportTo() no longer displays a Map error dialog box.
- The AeccPipe::ConnectToStructure() method now works as expected when you call the Disconnect() method.
- AeccPoints::ImportPoints() now works as expected. Previously, the program would close unexpectedly when running this command in a file with duplicate point numbers.
- The AeccParcel::AddSingleSegmentLabel() and AeccParcel::AddMultipleSegmentLabels() methods now work as expected.
- The AeccSurveyLandXMLPropertiesRoot::getitems() method now returns the LandXML extended properties for the object. Previously, the method returned the LandXML properties for the survey database.

Corridor Design and Subassemblies

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- Alignments, feature lines, polylines, and profiles created from corridor feature lines are now created at the correct location.
- Material volume calculations are now computed correctly for subassemblies that contain structural parts. Previously, in situations where these subassemblies overlapped it resulted in crossing line segments and omitted material in the material volume calculations.
- Material volume calculations are now consistent across stations in situations where surface overhang causes surfaces to join incorrectly in the cross section view.
- Layers now work as expected when you insert a DWG that contains a corridor as an xref. Previously, the layer settings were ignored.
- Using the View/Edit Corridor Section command when data references are broken no longer causes the program to close unexpectedly.
- Hatch components are now configured properly in section views. Previously, they displayed as solid black.
- Using the View/Edit Corridor Section command to edit the lane width of the LaneInsideSuperLayerVaryingWidth subassembly now works as expected.
- The Import Subassembly command now supports a package file that contains multiple localized languages. At import time the localized language that matches the installation will be extracted.
- The Frequency setting along curves in corridors is now working as expected. Previously, this setting was only honoring a section of the curve.

Cross Section Views

- Cross sections now update consistently and reflect changes that are made to the corridor using the View/Edit Corridor Section command.
- Sample line label visibility is now determined by the sample line layer. Previously, the visibility was determined from the sample line group layer.
- The section 1 and section 2 columns are now correctly displayed by default in the Section View Bands dialog box. Previously, they were hidden by default.
- Corridor sections that are included as xrefs in a drawing are now drawn as expected.

Grading and Feature Lines

- Elevations at grading projection line points can now be edited. Previously, in situations where the start or end of a grading

touched a PI point of the feature line, those elevations could not be edited.

- Creating a feature line from an alignment and then attempting to weed the feature line using the Options button on the Feature Line Properties dialog box no longer causes the program to close unexpectedly.
- Creating a feature line from an alignment, with the Weed Points option cleared, now creates the feature line with correct data. Previously, the feature line would extend beyond the length of the associated profile and it would ignore the specified elevation values.
- Using the Create Feature Lines From Alignment command and selecting the option to Weed Points no longer causes the program to close unexpectedly.
- Creating a feature line from a polyline now creates critical curves. Previously, there were conversion errors in situations where there were very short lines between two arcs.
- Editing the curve radius on a feature line no longer causes the program to become unresponsive.
- Using the Stepped Offset command no longer causes the program to become unresponsive.
- Grading feature lines created from a corridor feature line that contains gaps or breaks are now created in the correct location.
- Daylight lines are now created correctly for gradings that overlap each other.
- Surfaces are now built correctly from grading groups. Previously, the grading surface did not always respect the grading results. To ensure correct results when you open a drawing, you should rebuild the surface.
- Erasing a grading, using the Undo command, and then saving the drawing no longer causes the program to close unexpectedly when you try to reopen the drawing.
- Several issues involving grading objects and feature lines on locked layers have been resolved and the program no longer closes unexpectedly when the drawing is saved or the layer is unlocked.
- Creating a grading transition with a near-zero distance is no longer allowed. Previously, entering values smaller than 0.0001 would cause the program to close unexpectedly.
- Using the Audit command on drawings created in Civil 3D 2008 no longer changes the elevation points on feature lines.
- Opening a drawing that contains shortcuts after using VBA no longer causes the program to become unresponsive.

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Labels

- The grade in and grade out properties for Profile Geometry Point labels at Profile Start, Profile End, Overall Low Point, Vertical Curve-Tangent Intersect, Distance to Previous, and Distance to Next now display the correct values.
- Points that are imported with a scale in the parameters now display labels correctly. Previously, the labels were offset.
- The Labels Properties dialog box now displays the specified reference text object name.
- The Vertical Reverse Curve Intersect Geometry Point label now has the correct abbreviation, VRC. Previously, the text displayed as VCC.

Important: Existing drawings that contain labels for compound/reverse curve points will not be updated. You must delete the existing labels and then re-label the geometry points for the labels to have the correct values.

Lines Curves

- Using the Curve Calculator after using the Create Curve commands no longer causes the program to close unexpectedly.

Object Enabler

Important: The Civil Object Enabler is a separate install. You must uninstall and then reinstall the Civil Object Enabler in order for the following changes to take effect. You can download the most recent version of the Object Enabler at: <http://usa.autodesk.com/getdoc/id=DL11092427>

- Opening previous version drawings in the Object Enabler environment no longer causes the program to close unexpectedly.
- Error messages are no longer displayed when you open a Civil 3D drawing in a localized version of Map 3D 2009 with the Civil Object Enabler installed.
- Autodesk® Impression is now supported with the Civil Object Enabler.
- The following NavisWorks products are now supported with the Civil Object Enabler.
 - Autodesk® NavisWorks® Manage 2009
 - Autodesk® NavisWorks® Review 2009
 - Autodesk® NavisWorks® Simulate 2009

Parcels

- Parcels that are exported to LandXML and then reimported no longer cause the program to close unexpectedly.

- Using the Create Parcel From Objects command no longer causes the program to become unresponsive.
- Using grips to edit parcels no longer causes the program to close unexpectedly.

Pipes

- Selecting a pipe when the ribbon is displayed no longer causes the program to close unexpectedly.
- Importing a pipe network from a LandXML file, and then deleting some pipe network objects and exporting the revised pipe network to LandXML no longer causes the program to close unexpectedly.
- You can now add a part family to a parts list.
- When you lay out pipes, the program now accepts the point that you select on screen as an endpoint. Previously, the program would randomly ignore the selected point and the command line would continue to prompt you to select a point.

Plan Production

- Sheet numbers on match lines are now resolved if the Sheet Set Manager .DST file is moved from its original location to a supported search path location.
- Matchline text is now displayed in sheets that are placed into a new drawing that contains multiple view frame groups.

Points

- In situations where child overrides exist in point labels, the arrow is now displayed in the Edit Label Styles dialog box to indicate the override.
- The program no longer closes unexpectedly when you open drawings using AutoCAD Civil 3D 2009 As AutoCAD.
- Inserting a drawing that contains points now populates the _All Points group.
- Specifying the option Do Coordinate Transformation If Possible when transferring points no longer causes the program to close unexpectedly.
- The Geodetic Calculator now applies the correct transformation Grid Scale Factor for ground coordinates.

Profiles and Profile Views

- A corridor is now correctly flagged as 'out of date' when you make edits to the profile.
- Having a blank row in the Profile Editor no longer causes an

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Invalid Input message when you click OK.

Project Manager

- Project DWFx files are now displayed properly when you use the Preview option on the Toolspace Prospector tab.
- Dependencies are now displayed as checked out. Previously, when you checked out a drawing from Vault that contained a dependent drawing the dependent drawing did not display as checked out.
- Vault Explorer now displays "where used" and "used by" for dependencies.
- The Name field is no longer read-only in the New Project dialog box when you access this dialog box by right-clicking a survey database on the Survey tab and selecting Add To New Vault Project.
- Opening a drawing in Civil 3D, logging into Vault, and then setting the working folder no longer causes the program to close unexpectedly.
- You can migrate Vault-based project XML files to the data shortcut structure using the following process:
 1. Download the latest versions of all drawings (log into Vault > set the current project > get the latest version).
 2. Open the Data Shortcut Editor.
 3. Browse to open the project.xml file located in the local project folder.
 4. From within the Data Shortcut Editor, use search and replace. Search for \$ and replace this with the local folder name (C:\Civil 3D Projects).
 5. Use SaveAs to create a _Shortcuts structure in the local project folder.
 6. Remove the old project from Vault.

The migration is completed and drawings that are downloaded from the server will be treated as non-Vault drawings.

- Data shortcut references now work as expected when you open the drawing using the AutoCAD Civil 3D 2009 As AutoCAD. Previously, all data shortcut references were broken.
- Undoing a check out of a file, and then deleting the file and the folder in Vault Explorer, no longer causes the program to close unexpectedly when you attempt to add a file to the project from Civil 3D.
- Shortcuts are now linked to the correct project. Previously, the

absolute path of shortcuts was saved during a temporary save and that caused the shortcuts to be linked to incorrect projects.

Surfaces

- Turning on the display of points in the surface style for a large surface no longer causes the program to close unexpectedly.
- Surfaces created from DEM .asc files will use the drawing units if no unit is specified in the .asc file.
- Creating a surface from a DEM that has the Files of Type set to ESRI Binary Grid (*.adf) no longer causes the program to close unexpectedly.
- Computing a volume surface no longer causes the program to close unexpectedly.
- Using the Bounded Volumes command now returns the correct volumes.
- Rebuilding a grading surface after moving the end of a feature line no longer causes the program to close unexpectedly.
- Using the Surface Properties command on a finished ground surface no longer causes the program to close unexpectedly.
- Negative contour lines are now displayed correctly. Previously, if surface data that existed in the specified contour range consisted of a single data point, negative contour lines were not displayed for the surface.

Survey

- On the Survey tab in Toolspace, the previews for Figures, Networks, and Setups now work as expected.
- When the CgPoints option is cleared in the Import Survey LandXML dialog box, associated figures are no longer created.
- The LandXML Extended Properties are now saved after you close a survey database.
- The Name and Description fields in the item list view for a new Network and for Network Properties are now displayed when the Preview options are selected.
- Reimporting a field book after using the Browse To Survey Data command no longer causes the program to close unexpectedly.
- The program no longer closes unexpectedly if you close the survey database and then reopen it while the Survey Point Editor panorama vista is open.
- The Import Survey LandXML command now imports CgPoints correctly. Previously, some points were skipped during import.

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PATCHES AND UPDATES: AUTOCAD CIVIL 3D 2009 UPDATE 1

- LandXML properties are now saved when you close the survey database.

AutoCAD Civil 3D 2009 Hotfixes Included in this Update

- AutoCAD Civil 3D 2009 Module Loading Hotfix**

This utility resolves an issue where the incorrect loading of modules caused the program to close unexpectedly when you tried to open drawings from a previous release that contained point objects.

Issues Resolved in AutoCAD 2009® Update 1

All fixes included in the AutoCAD 2009 Update 1 are also included in the AutoCAD Civil 3D 2009 Update 1.

Problems Reported with the Customer Error Reporting Utility

As a result of detailed information from customers who used the Customer Error Reporting Utility, a number of problems were identified and fixed. Updates have been made in the following feature areas:

3D Visual Styles	Plot
Annotation Scaling	Properties Palette
External References (xref) palette	Hatch
Raster Images	Remote text (rtext)
Partial Open	General Updates

The following defects have also been fixed:

.NET API

When a .NET function with a LispFunction attribute has the return type as object, an exception is thrown in AutoCAD.

Annotation Scaling

- A drawing that contains a large number of anonymous blocks and copies of annotative entities created in AutoCAD 2007, or an earlier release, opens slowly in AutoCAD 2009.
- A scale is infinitely enumerated when you insert a drawing that contains the same scale as a block or an external reference (xref).

Attributes

- When you attempt to display a tooltip of a multiline text (mtext) attribute that contains 281 characters or more, AutoCAD crashes.
- When you move a block using an insertion grip, mtext attributes move incorrectly.

- When the default value of an mtext attribute in a block contains a field, you cannot edit the attribute text to replace the field with other data.

Blocks

- When you insert or redefine a block that contains attributes on a locked layer, AutoCAD crashes.
- When you change the scale of a block through the Properties Palette, an attribute displays incorrectly.

Export a Layout to Model Space

When you export a layout to model space the following occurs:

- The linetype scale changes.
- Dimension arrowheads do not display.
- Text does not rotate correctly.
- Drawing properties are lost.

External Reference ESW

- The External References palette does not display when auto-hidden and used with the XREF or IMAGE commands are used.

Hatch

- When you recreate a hatch boundary, it consists of separate line segments rather than a closed polyline.

Hide/Shade

- When you plot, objects in an xref are not correctly hidden.

Menu Browser

- You cannot access the menu browser in a non-English version of AutoCAD using the shortcut Alt+Key.

Multileader (mleader)

- When created on a rotated UCS, a multileader does not respect POLAR or ORTHO settings.

Multiline Text (mtext)

- When you drag and drop a drawing while the In-Place Text Editor is active, AutoCAD crashes.
- When some of the values in the In-Place Text Editor are changed, AutoCAD crashes.
- Some mtext objects with double byte characters display as a single line.

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PATCHES AND UPDATES: AUTOCAD CIVIL 3D 2009 UPDATE 1

Open/Save

- When you attempt to save a file with a long file name, AutoCAD may crash.
- When you drag and drop a file from Windows Explorer into the AutoCAD title bar while in Single Document Interface (SDI) mode, AutoCAD may crash.
- When you attempt to open multiple files from Windows Explorer, only the first selected file opens.

Partial Open

- When the OPENPARTIAL system variable is set to 1, if you use the PURGE command, drawings may become corrupted.

Plot

- When you plot upside-down, an OLE object does not plot correctly.

Property Palette

- In the Properties palette, the Dimension Style control may display an incorrect dimension style name.

Publish

- In the Publish dialog box, the Publish To setting always defaults to DWF format even if you select a different setting.

Quick Properties

- When you change the theme of your operating system while running AutoCAD and then click the Quick Properties window, AutoCAD crashes.

RECOVER

- When you open some valid drawings, you are prompted to use the RECOVER command.

Render

- When you use the RENDER command with certain drawings that contain textured objects, AutoCAD crashes.

Ribbon

- When acad.CUI is loaded as a partial CUI, some buttons in the multiline text (mtext) ribbon contextual tab fail.
- On a ribbon panel, you may not be able to move items between rows.
- A ribbon panel continues to display after it is removed from a

ribbon tab.

- A button image used on a ribbon panel that is loaded from a resource DLL file lacks a transparent background.
- If you transfer a ribbon panel and a tab, buttons display small.
- Enterprise, main, and partial CUI files display multiple ribbon tabs in workspaces.
- You cannot control a ribbon tab when you use more than one non-AutoCAD CUI file.
- A ribbon tab and/or menu macro may not function properly when referenced from multiple CUI files.
- If you load a CUI file that references a missing BMP file, a fatal error displays.

Visual LISP

- The AutoLISP Redraw function fails to hide or highlight objects.

ZOOM

- When you zoom while inserting some blocks, AutoCAD crashes.

Known Issues with This Update

After you apply this update, you may experience the following ribbon customization-related problems:

An Incorrect or Missing Ribbon Tab

Known Issue: When you display a ribbon tab from a partial or Enterprise CUI file, the ribbon tab displays incorrectly or is missing.

Workaround: To correctly display a ribbon tab, recreate the workspace used to display the ribbon tab from scratch. Do not duplicate or attempt to update the workspace. Once you create a new workspace, set the workspace current. The ribbon tab should display correctly.

For a partial CUI file, before you add a ribbon tab to a workspace, use the Customize User Interface (CUI) Editor to change the customization group name of the file. The customization group name is represented by the uppermost node of the tree in the Customization In pane.

A Blank Image for a Command

Known Issue: On a ribbon panel, the image associated with a command defined in the Command List pane displays as a blank icon.

Workaround: To recreate a ribbon command item on a ribbon panel, delete it. Then, from the Command List pane, add the command to the ribbon panel.

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SEMINAR & WORKSHOP SCHEDULE

(SEPTEMBER 2008 TO OCTOBER 2008)

SEPTEMBER 2008

05 SEPT 2008	FRIDAY
AUTOCAD LT	0900-1200
ARCHITECTURE	0900-1200
AUTOCAD	1400-1700
REVIT ARCHITECTURE	1400-1700
12 SEPT 2008	FRIDAY
ELECTRICAL	0900-1200
MECHANICAL	0900-1200
INVENTOR SUITE	1400-1700
REVIT STRUCTURE	1400-1700
19 SEPT 2008	FRIDAY
INVENTOR-DYNAMIC SIMULATION	0900-1200
REVIT MEP	1400-1700
MECHANICAL	1400-1700
26 SEPT 2008	FRIDAY
CIVIL 3D	0900-1200
INVENTOR PROFESSIONAL	0900-1200
MAP 3D	1400-1700
ELECTRICAL	1400-1700

For seminar & workshop registration, please send an email or call;

Cherrie: cherrie@innocom.com.sg / 9385 5316

Sharon: sharonkoh@innocom.com.sg / 6547 8719

OCTOBER 2008

03 OCT 2008	FRIDAY
AUTOCAD LT	0900-1200
ARCHITECTURE	0900-1200
AUTOCAD	1400-1700
REVIT ARCHITECTURE	1400-1700
10 OCT 2008	FRIDAY
ELECTRICAL	0900-1200
MECHANICAL	0900-1200
INVENTOR SUITE	1400-1700
REVIT STRUCTURE	1400-1700
17 OCT 2008	FRIDAY
INVENTOR-DYNAMIC SIMULATION	0900-1200
REVIT MEP	1400-1700
MECHANICAL	1400-1700
24 OCT 2008	FRIDAY
CIVIL 3D	0900-1200
MAP 3D	1400-1700
ELECTRICAL	1400-1700
31 OCT 2008	FRIDAY
INVENTOR SUITE	0900-1200
INVENTOR PROFESSIONAL	1400-1700

For training quotation and other training enquiries, please contact:

Lynn: lynn@innocom.com.sg / 8288 1402

Sharon: sharonkoh@innocom.com.sg / 6547 8719

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INNOCOM TECHNOLOGIES PTE LTD

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HOTLINE 6749-5822 FAX: 6749-5531 EMAIL: sales@innocom.com.sg

INNOCOM SEMINAR **REGISTRATION IS FREE!**

DOOR GIFTS TO BE GIVEN AWAY

AUTOCAD REVIT MEP SUITE 2009



THURSDAY, 25TH SEPTEMBER 2008

VENUE: INNOCOM TECHNOLOGIES PTE LTD, NEW ATC WING(#02-04)

18 Kaki Bukit Road 3, Entrepreneur Business Centre #02-04(S) 415978

CONTOUR ROOM, 2:00 PM—5:00 PM

REGISTRATION STARTS AT 1:30 PM

AGENDA

- 2:00 INTRODUCTION: COMPANY PRESENTATION
- 2:15 PRODUCT PRESENTATION
- 3:30 BREAK
- 4:00 PRODUCT DEMONSTRATION
- 4:45 Q & A
- 5:00 Closing Speech

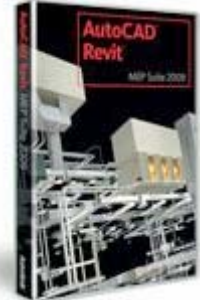
SIGN UP FORM

I would like to attend the AUTOCAD REVIT MEP SUITE 2009 SEMINAR

NAME:			
POSITION:			
COMPANY NAME:			
EMAIL:			
OFFICE CONTACT / MOBILE:			
FAX:			
FRANCIS: @ EXT. 201 francis@innocom.com.sg	JADE: @ EXT. 243 yuyu@innocom.com.sg	CHU ZHEN: @ 215 chuzhen@innocom.com.sg	BASANTA: @ EXT. 207 basanta@innocom.com.sg
CHERRIE: @ EXT. 233 cherrie@innocom.com.sg	UMEISHA: @EXT. 237 umeisha@innocom.com.sg	JACQUELINE @ 235 jacqueline@innocom.com.sg	

FAX THIS FORM TO US at 6749 5531

FOR CONFIRMATION OF YOUR SEAT. THANK YOU.



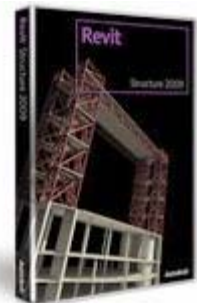
AUTOCAD REVIT MEP

25th SEPT 2008



AUTOCAD REVIT ARCHITECTURE

5TH SEPT 2008



AUTOCAD REVIT STRUCTURE

12th SEPT 2008

Send an email to:

cherrie@innocom.com.sg

9385 5316

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EVENTS SYNOPSIS EVENTS SYNOPSIS EVENTS SYNOPSIS EVENTS SYNOPSIS EVENTS SYNOPSIS

The MSD Seminar

- *The Synopsis*

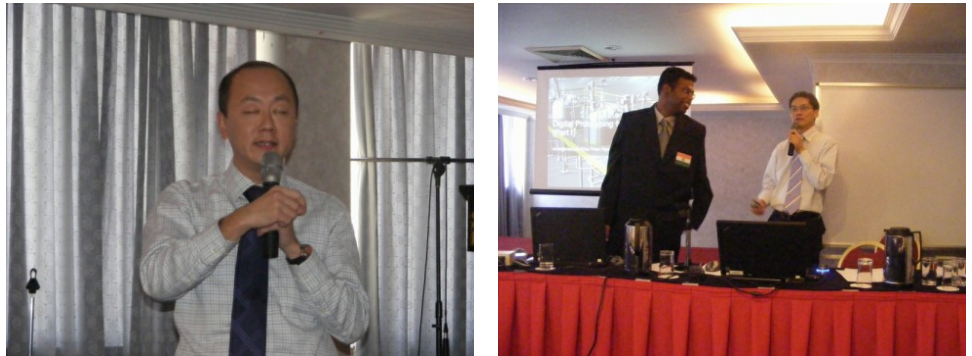
The MSD Seminar

- *The Synopsis*

The response was good during the Manufacturing Solutions Day (Digital Prototyping) Seminar which was held at Hotel Royal last 15th of August 2008.



Invited guests from Autodesk, Mr. Samuel Tang and Mr. Chui Thiam-Yaw.



Video Clips of two success stories from Innocom's very own client.



For more information on upcoming events, please call Cherrie at 9385 5316 or email cherrie@innocom.com.sg.



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AUTOCAD MANDARIN CLASS

- 8-10 September 2008
- NEW ATC Wing

For more information, call

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at 6547-8719 / 8288-1402

email at

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lynn@innocom.com.sg

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AUTOCAD MANDARIN CLASS

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- **Cherrie Rico**
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AUTOCAD

ESSENTIALS LEVEL

Course Duration: 3 Full Days (24 hrs)

Course Description:

This course is designed for the new AutoCAD® user who requires comprehensive training in AutoCAD. It incorporates the features, commands, and techniques for creating, editing, and printing drawings with AutoCAD. It starts with the basics and over the three-day aims to equip the attendee with the skills and knowledge that, with a little practice, will allow the production of working drawings using AutoCAD.

Hands-on exercises throughout the course explore how to create 2D production drawings.

Prerequisite: Familiarity with the Microsoft Windows® operating system and a basic understanding of design and drafting concepts.