

New changes in Eagle Point 2008 8.1.0

System

- **Support Folder:** The file format for the STRUCTURE.LIB file in the Eagle Point Support\SW folder has changed. This change was made to all custom sewer junction symbols to be placed in the plan drawing for both Storm Sewers and Sanitary Sewers. To avoid problems in a shared support folder scenario, all users should update to the current version at the same time.
- **AutoCAD 2009** is now a supported CAD engine. AutoCAD 200x users upgrading to AutoCAD 2009 only need to run the Configure CAD Engine from the Eagle Point Administrator Program to "point" to the AutoCAD 2009 acad.exe file. The 2008 8.1.0 CD also contains AutoCAD 2009 as a supported CAD engine during installation. If AutoCAD 2009 is the only version of AutoCAD that is installed on the workstation and there is no previous version of Eagle Point installed, you will need the 2008 8.1.0 CD.
- **AutoCAD Map 3D 2009** is now a supported CAD engine. AutoCAD Map users upgrading to AutoCAD Map 3D 2009 only need to run the Configure CAD Engine from the Eagle Point Administrator Program to "point" to the AutoCAD Map 3D 2009 acad.exe file. The 2008 8.1.0 CD also contains AutoCAD Map 3D 2009 as a supported CAD engine during installation. If AutoCAD Map 3D 2009 is the only version of AutoCAD Map installed on the workstation and there is no previous version of Eagle Point installed, you will need the 2008 8.1.0 CD.
- **AutoCAD Civil 3D 2009** is now a supported CAD engine. AutoCAD Civil 3D users upgrading to AutoCAD Civil 3D 2009 only need to run the Configure CAD Engine from the Eagle Point Administrator Program to "point" to the AutoCAD Civil 3D 2009 acad.exe file. The 2008 8.1.0 CD also contains AutoCAD Civil 3D 2009 as a supported CAD engine during installation. If AutoCAD Civil 3D 2009 is the only version of AutoCAD Civil 3D installed on the workstation and there is no previous version of Eagle Point installed, you will need the 2008 8.1.0 CD.
 - **Note:** Eagle Point will only utilize AutoCAD Civil 3D 2009 as a CAD engine. It will not take advantage of any Civil 3D data.
- **Prototype Drawings (AutoCAD Only):** The profile prototype drawings for have been updated for RoadCalc, Sanitary Sewers, Storm Sewers and Water Surface Profiling. The prototype RCPROF.DWG, SPROF.DWG, STPROF.DWG and WPPROF.DWG drawings located in \support\dwg\ folder were updated to allow object snaps in AutoCAD 2009, AutoCAD Map 3D 2009 and AutoCAD Civil 3D 2009 to work on heavy polylines (plinetype = 0). These new drawings will not replace drawings that you have modified. It will only replace the original drawings that Eagle Point installed. However, it is a good idea to back up any of these drawings that you have customized. You may need to create new prototype drawings if you are having problems with object snaps.
- **Accusnap (MicroStation V8, XM only):** Accusnap did not display the snap marker within an Eagle Point command such as Place Node. Accusnap now correct displays the snap marker within Eagle Point commands.
- **Origin Snap (MicroStation XM Only):** Using an Origin snap to snap to an Eagle Point Node would not snap correctly. This problem has been correct for all Nodes that are placed from this point forward. All existing Eagle Point Nodes will still have the same problem.

- Publish from Sheet Sets Manager (AutoCAD 2007-2009 only): Using the Publish command within the Sheet Set Manager no longer places Done repeatedly on the command line when you are using the Background Publish option.

COGO

- Leader Attributes (MicroStation XM Only): When leadering an Eagle Point Node in MicroStation XM, the text attributes were not placed in the correct location. This problem has been resolved.
- Command Line Place Node - EPPN (AutoCAD 2007-2009): When you turned off a prompt, all prompts following were also turned off. This problem has been resolved.

Drafting

- Annotate Station-Offset (MicroStation XM Only): When using an Annotation Style that has Station and/or Offset individually, you can't snap to an endpoint of a line. That has been corrected.

Profiles

- Modify Structure: When you modify a structure that has annotation that is leadered to the right, the text would be moved to 0,0 coordinates. The text now remains in the relative location to the structure being modified.
- Modify Structure: Smooth leadered annotation on structures was reverting to straight line leaders when the structure was modified. The problem has been corrected.
- Annotate Inlet/Manhole (MicroStation Only): If the Arrow option was selected to be placed when annotating an inlet or manhole by leader, no annotation would be placed. Annotation is now correctly placed when an arrow is also selected to be placed.

RoadCalc

- Plan and Profile Sheets (MicroStation Only): A new option called Sheet Creation was added to Plan and Profile Sheets. The two options are Scaled to Paper Size and Plan Drawing Coordinates. When Scaled to Paper Size is selected, the Plan and Profile sheets will be create as they were in previous version. The plan and profile drawings being referenced into the Plan and Profile Sheet are scaled down to paper size. The Plan Drawing Coordinate option keeps that plan and profile drawing at real size. The plan drawing is also positioned into its real coordinate location. This allows you to check values in the plan drawing. Annotation command within Drafting and commands within COGO allow you to check your sheets or place the finishing touches on your plan and profile sheets before they are submitted. For more information, watch the [Plan Drawing Coordinate video](#).
- Plan and Profile Sheets: An option was added to automatically reference a title block into your sheet. Toggle on the option, select a title block and enter a scale factor. Specify the Delta X and Delta Y values from the Sheet Origin. The Delta X and Delta Y values are displacement values in the X and Y direction respectively from the lower left corner of the sheet.
- AASHTO 2004 Speed Tables are now included on the CD. To install the horizontal and vertical speed tables, place the 2008 8.1.0 CD in your CD drive. The install is located in the Goodies Folder on the root of the CD. The install will append the 2004 tables into the existing speed tables list.

- Profile Settings: When you viewed the Sight Parameter Settings within the Profile Settings dialog box, the settings were written out with a space between values. This could eventually cause Eagle Point to crash if you accessed it enough times. Spaces are now removed from existing files and spaces are no longer written out between values.
- Plan and Profile Sheets: When an alignment ended on a curve the rotation angle of the plan drawing was not always correct. This problem has been resolved.
- Plan and Profile Sheets (MicroStation Only) - Levels are now correctly turned off in Plan and Profile Sheets for Storm and Sanitary Sewers referenced into the profile design file.
- Plan and Profile Sheets: Plan and Profiles are now created correctly when using negative coordinates for sheet positions.
- Update Cross Section Sheets (AutoCAD / BricsCad): Drawings that are currently in paperspace or last saved in paperspace were updated incorrectly. The command has been changed to change to modelspace before any updates are made to the cross section sheets.

Sanitary Sewers

- Sanitary Sewers - Structure Library: A new option has been added to the Structure Library that allows you to select a custom symbol to place at junction locations. Modify any existing Junctions in the structure library or add a new junction and toggle on the Custom Symbol Option. Specify a path and block name or cell library and cell for the custom symbol. Specify the desired scale for the symbol when it is placed into the plan drawing along with the Sanitary Sewer Network. The CAD properties use the 2D Junction CAD properties found in Network Settings. For more information, watch the [Custom Inlet and Manhole video](#).
- Plan and Profile Sheets: An option was added to automatically reference a title block into your sheet. Toggle on the option, select a title block and enter a scale factor. Specify the Delta X and Delta Y values from the Sheet Origin. The Delta X and Delta Y values are displacement values in the X and Y direction respectively from the lower left corner of the sheet.
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Storm Sewers

- Storm Sewers - Structure Library: A new option has been added to the Structure Library that allows you to select a custom symbol to place at junction locations. Modify any existing Junctions in the structure library or add a new junction and toggle on the Custom Symbol Option. Specify a path and block name or cell library and cell for the custom symbol. Specify the desired scale for the symbol when it is placed into the plan drawing along with the Storm Sewer Network. The CAD properties use the 2D Junction CAD properties found in Network Settings. For more information, watch the [Custom Inlet and Manhole video](#).
- Storm Sewers - Plan and Profile Sheets: An additional option has been added to the Custom Symbols option to allow you to specify different custom symbols for both inlets and manholes. Previously, you could only specify one custom symbol. The Profile Junction custom symbol is now used for any manhole junctions. The new custom symbol of Profile Inlet Junction will be

used for any junctions that have inlets attached. It is optional to use both of these custom symbols. For more information, watch the [Custom Inlet and Manhole video](#).

- Plan and Profile Sheets: An option was added to automatically reference a title block into your sheet. Toggle on the option, select a title block and enter a scale factor. Specify the Delta X and Delta Y values from the Sheet Origin. The Delta X and Delta Y values are displacement values in the X and Y direction respectively from the lower left corner of the sheet.
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