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Eagle Point Solution to a Frequently Asked Question

How to exchange point information between Land Desktop and Eagle Point drawings.

Summary:

This document explains the process of converting COGO Point Objects (AEC_Points) created using Land Desktop to Eagle Point Nodes. Additionally, this document explains the reverse process of converting Eagle Point Nodes to Land Desktop points. The processes outlined are an alternative to using LandXML to exchange the information.

Product: Eagle Point and AutoDesk Land Desktop

Release: Eagle Point 2001 or greater, AutoCAD LDT

Platform: AutoCAD

Solution Paper: 935

Revision: 1.2

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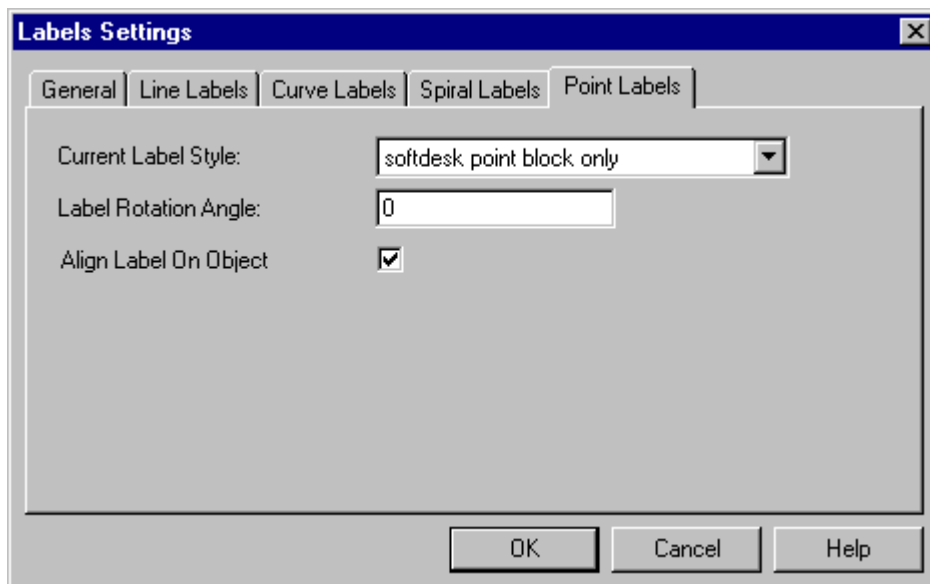
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Converting LDD or LDT points to Eagle Point Nodes

NOTE: In order to convert LDT points to Eagle Point Nodes contained within a drawing, they must exist using the 'softdesk point block only' point style. If they are in the drawing as an AEC point object, they must first be converted using LDT to the 'softdesk point block only' point style first by following the steps outlined below.

Tip: When you list an AEC point object in LDT, the object type might display as 'AECC_POINT' whereas a point using the 'softdesk point block only' point style will list as a block.

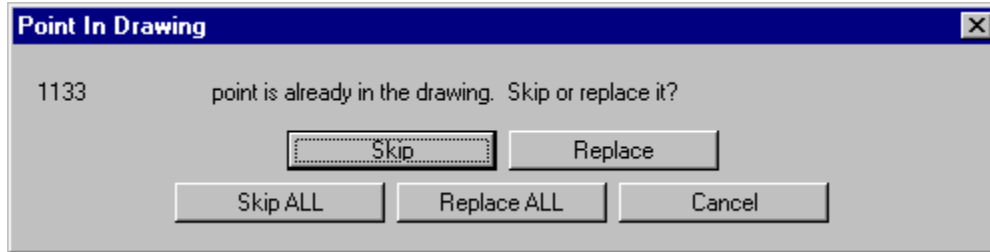
1. Type UCS on the command line and set the drawing to the World Coordinate system. Using a UCS other than world may not export the correct coordinates.
2. Select Labels → Settings from the LDT menu palette.





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3. Click on the Point Labels tab and set the Current Label Style to **softdesk point block only** and click **OK**.
4. Select Points → Insert Points to Drawing...
5. The command prompt displays 'Points to insert (All/Numbers/Group/Window/Dialog) ? <All>:
Press **ENTER** to accept all.



6. In order to convert the point objects to softdesk point blocks, click on **Replace ALL** and save your drawing.

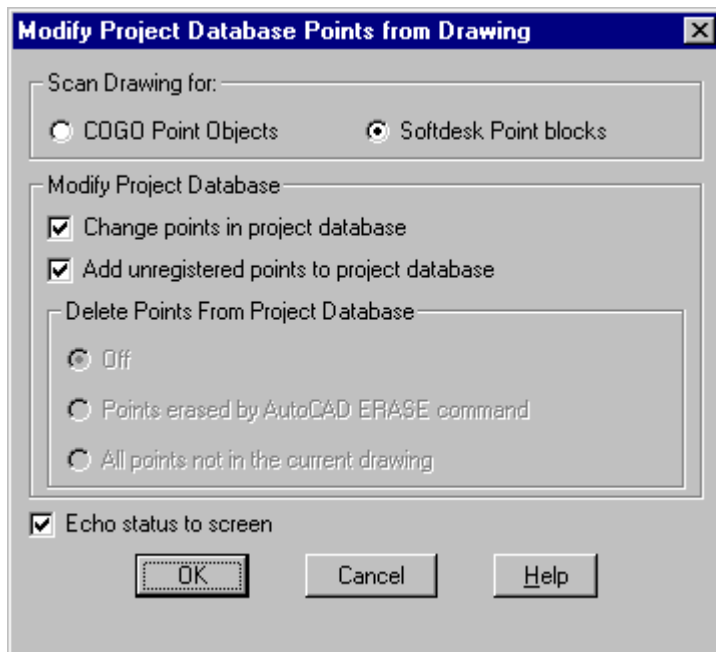
You may now add this drawing to Eagle Point as a new project drawing or an additional drawing.

NOTE: Be sure all point layers are "thawed", "ON" and unlocked before converting the drawing points.

7. Type **DCA2EP** and the points should convert to Eagle Point Nodes.

Converting Eagle Point Nodes to LDT points:

1. Type **EP2DCA** within Eagle Point and save the drawing.
2. Open the drawing in an LDT project.
3. Select Points → Check Points → Modify Project.



4. Toggle ON the Scan Drawing for Softdesk Point blocks.
5. Check the Add unregistered points to project database and click **OK**.