



## PointBuilder

**PointBuilder** provides intelligent point selection and exporting tools to allow AutoCAD/ Autodesk® created objects to be exported to the **JOB-Site Solutions** hardware/ Field Layout system. Automated point selection and point export tools are available as well as several easy-to-use manual selection tools for selection of Field Layout points for common Field points such as hanger locations, sleeve locations, wall and floor penetration locations and equipment pad locations. **PointBuilder** was specifically created for the Mechanical, Electrical and Plumbing (MEP) industry to create and extract 2D or 3D CAD points from AutoCAD, AutoCAD-MEP and Revit-MEP. **PointBuilder** utilizes the full *Trimble-MEP* developers' kit to maximize field accuracy and productivity with *Trimble MEP* software.

With **PointBuilder**, Points can be created by adding them to the CAD files. Additionally, **PointBuilder** simplifies and automates the process of extracting points with advanced filters commonly used in MEP CAD files such as AutoCAD Blocks and AutoCAD MEP MVParts. **PointBuilder** can also extract lines and create field layout point for the change of direction or end point of an AutoCAD Line, Polyline or 3D Polyline.

**PointBuilder** features include:

- Compatible with AutoCAD® 2009-11, AutoCAD® MEP 2010-11, Revit® MEP 2010-11.
- Integrates directly with **JOB-Site Solutions** *Trimble MEP* hardware \*.MEP file output.
- *Trimble MEP* \*.MEP file editor for verification
- Create Search Filters for User-Specific CAD Blocks and AutoCAD MEP MVParts
- Converts AutoCAD lines, PolyLines, and 3D PolyLines to *Trimble MEP* \*.MEP lines
- Append points to an existing *Trimble MEP* \*.MEP file during the extraction process
- Supports 3D wall layout for use with *Trimble MEP Direct Reflex* technology
- Export DXF backgrounds for *Trimble MEP*
- Creates *Trimble MEP* \*.MEP file point layers

