



TECHNICAL SALES INTERNATIONAL

the next generation of software

CAD-MEP is a 3rd-party Autodesk® add-on software program that provides the “I” in BIM (Building Information Modeling). **CAD-MEP** offers intelligent 3D-Design to Mechanical (Ductwork and Piping), Electrical, and Plumbing Engineers and Design/ Build Contractors. **CAD-MEP** is an ARX-Programmed to utilize *.DWG Files working on AutoCAD® and AutoCAD® MEP 2007-2011 (both 32-bit and 64-bit).

Design calculations are created with simple user inputs which define a system’s criteria and specify constraints such as width, aspect ratio, Round or Rectangular shape and the power of *Design-Line* will do the rest. With a single line sketch, a 3D drawing is generated automatically. Compare “what if” scenarios, like Round versus Rectangular, change static pressure, or add in-line equipment and **CAD-MEP** will recalculate sizes and redesign automatically.

CAD-MEP is a design tool that integrates directly with other Leading CAD design tools such as: AutoCAD MEP®, and **CAD-Mech**, **CAD-Duct**, and **CAD-Elec**.

EST-Mech, **EST-Duct** and **EST-Elec** modules, when purchased, estimate labor and material costs for each service directly in a **CAD-MEP** drawing.

CAD-MEP offers seamless integration with our **CAD-Duct** HVAC Detailing software, **CAD-Mech** Piping and Plumbing Detailing software, and **CAD-Elec** Electrical Tray, Component and Conduit Detailing Software, utilizing the same networkable database structure for Manufacturing, Scheduling, and Estimating.

CAD-MEP Features include:

- AutoCAD® DWG, AutoCAD® MEP DWG, IFC, IFCXML, IFCxml.zip and NavisWorks® compatible.
- Ability to Auto-size Duct / Pipe with *Design-Line*.
- Drawing with size based services
- Auto-Generate Duct, Pipe and Electrical Hangers.
- Collision checking as you draw.
- Quick and simple sectioning for adding detailed information in both 2-D and 3-D.

CAD-MEP

