

# Release Comparison Matrix

## LEGEND

- ✓ Supported Feature
- ENHANCED** Enhanced Feature
- NEW** New Feature

	2010	2011	2012
<b>USABILITY</b>			
Schematic Design	✓	✓	✓
Bi-directional Functionality	✓	✓	✓
Freeform Modeling	✓	✓	✓
Enable Selection Based Commands	✓	✓	✓
Multiple Parameter Update	✓	✓	✓
Architectural Tools	✓	✓	✓
Analytical Models	✓	✓	✓
3D Modeling	✓	✓	<b>ENHANCED</b>
Parametric Constraints and Families	✓	✓	<b>ENHANCED</b>
Keyboard Shortcuts	✓	✓	<b>ENHANCED</b>
Section/Elevation Modeling	✓	✓	<b>ENHANCED</b>
System Browser	✓	✓	<b>ENHANCED</b>
Repeat Last Command		✓	✓
Text Formatting Shortcuts		✓	✓
Graphical Systems and Disconnect Warnings			<b>NEW</b>
3Dconnexion			<b>NEW</b>



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# Autodesk® Revit® MEP Release Comparison Matrix

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	2010	2011	2012
<b>BIM TOOLS FOR BUILDING SYSTEMS DESIGN</b>			
Electrical Lighting, Wire Path, Power Circuit Layout	✓	✓	✓
Fire Protection Layout	✓	✓	✓
Heating and Cooling Load Analysis	✓	✓	✓
Spaces and Zones	✓	✓	✓
Content	✓	✓	✓
Mechanical System and Duct Layout	✓	✓	<b>ENHANCED</b>
Piping Layout	✓	✓	<b>ENHANCED</b>
System Creation	✓	✓	<b>ENHANCED</b>
Duct Insulation and Lining	✓	✓	<b>ENHANCED</b>
Pipe Insulation	✓	✓	<b>ENHANCED</b>
Plumbing Layout	✓	✓	<b>ENHANCED</b>
Sloped Piping Layout	✓	✓	<b>ENHANCED</b>
Conduit Layout		✓	<b>ENHANCED</b>
Cable Tray Layout		✓	<b>ENHANCED</b>
Pipe Placeholder Layout			<b>NEW</b>
Duct Placeholder Layout			<b>NEW</b>
Parallel Pipe Layout			<b>NEW</b>
Parallel Conduit Layout			<b>NEW</b>
<b>COLLABORATION</b>			
Export to IFC Via API	✓	✓	✓
gbXML Import / Export	✓	✓	✓
Clash Detection	✓	✓	<b>ENHANCED</b>
Linked Models	✓	✓	<b>ENHANCED</b>
Worksharing	✓	✓	<b>ENHANCED</b>
Copy Monitor / Coordination Review	✓	✓	<b>ENHANCED</b>
DWG™ Fidelity	✓	✓	<b>ENHANCED</b>
Model Review		✓	✓
Database Link		✓	✓
Sun Path Analysis		✓	✓
Autodesk® Green Building Studio® Web-based Service*		✓	✓
Revit® Server			<b>NEW</b>
Conceptual Energy Analysis*			<b>NEW</b>
Citrix® XenApp6® Readiness**			<b>NEW</b>

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<b>DOCUMENTATION</b>			
Details	✓	✓	✓
Model lines	✓	✓	✓
Detail Lines	✓	✓	✓
Scheduling	✓	✓	✓
Embedded Schedules, Conditional Formatting, Lookup Tables	✓	✓	✓
Tag Placement	✓	✓	✓
Panel Schedules	✓	✓	<b>ENHANCED</b>
Rendering / Visualization	✓	✓	<b>ENHANCED</b>
Text	✓	✓	<b>ENHANCED</b>
Dimensions	✓	✓	<b>ENHANCED</b>
Temporary Dimensions	✓	✓	<b>ENHANCED</b>
Materials	✓	✓	<b>ENHANCED</b>
Sheet Layout with Grid Guide		✓	✓
Model line to Detail Line and vice versa Conversion		✓	✓
Temporary Dimensions for MEP Elements		✓	✓
Find and Replace for Text		✓	✓
Electrical Demand Factors		✓	✓
Electrical Load Classifications		✓	✓
3D Tagging			<b>NEW</b>

\*Web-based energy analysis is only available to Autodesk Subscription customers of Autodesk Revit MEP software, or an Autodesk suite containing Autodesk Revit MEP, during the term of their Subscription.

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