

## ELECTRICAL DESIGN CAD PLATFORMS COMPARISON

	Product			
	DraftLogic Electrical	AutoCAD	AutoCAD MEP	Revit MEP
<b>FEATURES</b>				
Completely automatic single line creation includes all distribution devices, branch circuit panels, and large motors. All for which protection, feeder, bonding, and grounding sizing as applicable are automatically calculated.*	✓			
Auto-calculation of panel and motor protection and feeders (functional out of the box)*	✓			
Automatic voltage drop and conductor derating on all branch circuit wiring and distribution feeders*	✓			
Automatic fault level calculations for all distribution equipment and branch circuit panels, incl. motor contributions*	✓			
Noncoincident loads effects automatically accommodated at branch circuit panels and up throughout distribution equipment to Main Distribution Panel	✓			
Fully automatic circuiting of lights, receptacles, and motors*	✓			
Manual circuiting semi-automation	✓		✓	✓
Completely automatic branch circuit wiring layouts to lighting, power and motors with multicircuit home runs (ready to use out of the box)*	✓			
Automatic Bill of Materials report generation including: conduit and wire lengths and sizes, device counts, details and summaries of protection installed on panels (ready to use out of the box )*	✓			
Automatic creation of schedules for panels, motors, light fixtures*	✓		✓	✓
Lighting watts per sq. ft. report by room and project total automatically generated*	✓			✓
Link to bidding software to auto-populate Bill of Material counts and detail*	✓			
Auto-light fixture placement based on user determined specifications for each room type*	✓			
Auto-placement of receptacles based on user determined specifications for each room type*	✓			
Runs in familiar and fast AutoCAD environment	✓	✓	✓	
Lighting fixture database with over 1,450 fixtures included & ready to use (you add and change as desired)	✓			

\* Extremely high electrical design productivity gains, up to 1300%, possible with these features.

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Comparison done of all product versions available as of June 30, 2011