Vectorworks 2010 Feature Matrix

Improved Modeling	Fundamentals	Architect	Landmark	Spotlight	Designer	Machine Design	Renderworks
Improved 3D Snapping	✓	✓	✓	✓	✓	✓	
New Planar Graphics	✓	✓	✓	✓	✓	✓	
New Unified 2D/3D Environment		✓	✓	✓	✓	✓	
Improved Wall Networks		✓			✓		
Interactive Dimension Editing	✓	✓	✓	✓	✓	✓	
New Dimensional Constraint Manager	✓	✓	✓	✓	✓	✓	

Drawing Efficiency	Fundamentals	Architect	Landmark	Spotlight	Designer	Machine Design	Renderworks
New Select Similar Tool		✓	✓	✓	✓	✓	
New Global World Coordinates		✓	✓	✓	✓	✓	
Easy Mapping of Associative Hatches	✓	✓	✓	✓	✓	✓	
New Global World Coordinates		✓	✓	✓	✓	✓	
Improved Move by Point Tool	✓	✓	✓	✓	✓	✓	

New Dimension Options	Fundamentals	Architect	Landmark	Spotlight	Designer	Machine Design	Renderworks
Simultaneous Dimension Editing	✓	✓	✓	✓	✓	✓	
Dimension Collision Control	✓	✓	✓	✓	✓	✓	
Dimension Text Drag Support	✓	✓	✓	✓	✓	✓	
Fractional Dimension Display	✓	✓	✓	✓	✓	✓	
New Dimension Segment Widget	✓	✓	✓	✓	✓	✓	
New Dimension Standard Options	✓	✓	✓	✓	✓	✓	

Import and Export Improvements	Fundamentals	Architect	Landmark	Spotlight	Designer	Machine Design	Renderworks
Improved DXF/DWG Reference Import Support	✓	✓	✓	✓	✓	✓	
New Custom Dimension Standards for DXF/DWG Import	✓	✓	✓	✓	✓	✓	
SketchUp 7 Import Support		✓	✓	✓	✓	✓	
DXF/DWG Anonymous Block Export Support	✓	✓	✓	✓	✓	✓	
DXF/DWG Batch Export of Saved Views	✓	✓	✓	✓	✓	✓	
DXF/DWG Import Saved Settings	✓	✓	✓	✓	✓	✓	
AutoCAD Table Import Support	✓	✓	✓	✓	✓	✓	
Import 2D or 3D view of ADT Objects	✓	✓	✓	✓	✓	✓	
Import support for AutoCAD Scaled Blocks	✓	✓	✓	✓	✓	✓	
Support for 128 Dash Styles	✓	✓	✓	✓	✓	✓	

Enhanced Viewport and Referencing Capabilities	Fundamentals	Architect	Landmark	Spotlight	Designer	Machine Design	Renderworks
Improved Viewport Crop Editing	✓	✓	✓	✓	✓	✓	
In Place Reference Editing	✓	✓	✓	✓	✓	✓	
New Viewport Visibility Options		✓	✓	✓	✓	✓	
Improved Elevation Benchmark		✓	✓	✓	✓	✓	
Improved File Referencing Capabilities	✓	✓	✓	✓	✓	✓	
Multi-processor Support	✓	✓	✓	✓	✓	✓	
Resource Browser View Enhancements	✓	✓	✓	✓	✓	✓	
New Find Resources Capability	✓	✓	✓	✓	✓	✓	

Drafting Improvements	Fundamentals	Architect	Landmark	Spotlight	Designer	Machine Design	Renderworks
New Purge Capabilities	✓	✓	✓	✓	✓	✓	
New Dash Style Capabilities	✓	✓	✓	✓	✓	✓	
New Arc Mode	✓	✓	✓	✓	✓	✓	
New Circle Modes	✓	✓	✓	✓	✓	✓	
New Rectangle Modes	✓	✓	✓	✓	✓	✓	
Chamfer by Length Option	✓	✓	✓	✓	✓	✓	

	Fundamentals	Architect	Landmark	Spotlight	Designer	Machine Design	Renderworks
Connect/Combine Support for Multiple Objects	✓	✓	✓	✓	✓	✓	
Improved 2D Reshape Tool	✓	✓	✓	✓	✓	✓	
Shortcut Support for Modification Tools	✓	✓	✓	✓	✓	✓	
New Help System	**Fundamentals**	**Architect**	**Landmark**	**Spotlight**	**Designer**	**Machine Design**	**Renderworks**
Adobe AIR for Online Help	✓	✓	✓	✓	✓	✓	✓
Architect Features	**Fundamentals**	**Architect**	**Landmark**	**Spotlight**	**Designer**	**Machine Design**	**Renderworks**
Enhanced Wall Joining	✓	✓	✓	✓	✓	✓	
Improved Drawing Coordination		✓	✓	✓	✓	✓	
New Corner Window		✓			✓		
New Notes Manager Capabilities		✓	✓	✓	✓	✓	
New Stair Object		✓			✓		
Prevent Wall Insertion Option	✓	✓	✓	✓	✓	✓	
Wall Sculpting		✓	✓	✓	✓	✓	
Wall Hole Editing Enhancement	✓	✓	✓	✓	✓	✓	
Landmark Features	**Fundamentals**	**Architect**	**Landmark**	**Spotlight**	**Designer**	**Machine Design**	**Renderworks**
Improved Digital Terrain Modeler		✓	✓		✓		
Improved Landscape Area Object			✓		✓		
New and Improved Parking Tools			✓		✓		
New Default Landscape Schedule			✓		✓		
New Grade Calculator			✓		✓		
New Hardscape Capabilities			✓		✓		
New Plant Definition Options			✓		✓		
New Stake Object Coordinates			✓		✓		
Spotlight Features	**Fundamentals**	**Architect**	**Landmark**	**Spotlight**	**Designer**	**Machine Design**	**Renderworks**
Double-Click Insertion				✓	✓		
Improved Lighting Device Color Support				✓	✓		
New Event Planning Suite				✓	✓		
New Lighting Device Types				✓	✓		
New Seating Layout Capabilities				✓	✓		
New Video Screen Objects				✓	✓		
Machine Design Features	**Fundamentals**	**Architect**	**Landmark**	**Spotlight**	**Designer**	**Machine Design**	**Renderworks**
Improved Shaft Tool					✓	✓	
Improved Simple Beam Calculator		✓	✓	✓	✓	✓	
New Carriage Bolt Objects		✓	✓	✓	✓	✓	
New Lag Screws		✓	✓	✓	✓	✓	
New Sheet Metal Screws		✓	✓	✓	✓	✓	
New Simple Beam and Calculator Properties		✓	✓	✓	✓	✓	
Renderworks Features	**Fundamentals**	**Architect**	**Landmark**	**Spotlight**	**Designer**	**Machine Design**	**Renderworks**
Improved Texture Mapping Controls							✓
Improved Wall Hole Texturing							✓
New Blur Reflectivity Shaders							✓
New Decal Texturing							✓
New VBvisual Plant Tool							✓
New and Updated Symbol Content	**Fundamentals**	**Architect**	**Landmark**	**Spotlight**	**Designer**	**Machine Design**	**Renderworks**
Fireplace fronts, mantels, and surrounds (New)		✓	✓	✓	✓		
Water Features (New)		✓	✓	✓	✓		
Over 800 Plant Images from Monrovia® (New)			✓		✓		
Rock Objects (New)			✓		✓		
Hardscape Paver Resources (New)			✓		✓		
Improved Sitework Trees			✓		✓		
Improved Default Plants			✓		✓		

Velux Skylights (New)		✓				✓	
Audio/Video and home electronics		✓				✓	
Updated Weathershield doors and windows		✓				✓	
HDRI Backgrounds							✓
Altman					✓	✓	
Arri					✓	✓	
ChromaQ					✓	✓	
Clay Paky					✓	✓	
Color Kinetics					✓	✓	
High End					✓	✓	
Lycian					✓	✓	
Martin					✓	✓	
Mole-Richardson					✓	✓	
Morpheus					✓	✓	
Robert Juliat					✓	✓	
Selecon					✓	✓	
Strand					✓	✓	
Strong/Xenotec					✓	✓	
Wybron					✓	✓	
Vari-Lite					✓	✓	
ADB Lighting (New)					✓	✓	
DTS Lighting (New)					✓	✓	
JB Lighting (New)					✓	✓	
Eurotruss (New)					✓	✓	
Apollo Gobos					✓	✓	
GAM Gobos					✓	✓	
Rosco Gobos					✓	✓	
GOBOLAND (New)					✓	✓	
GoboMan (New)					✓	✓	