Comparison of commands and tools
by product
for Vectorworks 2022

This document lists all of the commands and tools available in this version of Vectorworks software, and the products in which they are available. This allows you to easily compare features side by side for each product.

The first section covers commands on both regular menus and context menus. The second section covers tools in every tool palette and tool set.

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
1-1/2 Space	Text > Spacing	X	X	X	X	X	X	X
2D Plan	View > Projection	X	X	X	X	X	X	X
2D Polys to 3D Source Data...	AEC > Survey Input		X	X				
2D Polys to 3D Source Data...	Landmark > Survey Input				X			
3D Polys to 3D Loci...	AEC > Survey Input		X					
3D Polys to 3D Loci...	Landmark > Survey Input				X			
3D Properties...	AEC > Machine Design		X	X				
3D Properties...	Landmark > Machine Design				X			
3D Properties...	Spotlight > Machine Design					X	X	
<Esc><Esc> does not exit group	Window > Edit Group Options	X	X	X	X	X	X	X
<Esc><Esc> exits group	Window > Edit Group Options	X	X	X	X	X	X	X
About Vectorworks	Help (Windows only)	X	X	X	X	X	X	X
About Vectorworks	Vectorworks (Macintosh only)	X	X	X	X	X	X	X
About...	Cloud	X	X	X	X	X	X	X
Activate Class	Document Context Menu	X	X	X	X	X	X	X
Activate Class	Object Context Menu	X	X	X	X	X	X	X
Activate Layer	Document Context Menu	X	X	X	X	X	X	X
Activate Layer	Object Context Menu	X	X	X	X	X	X	X
Activate Object Info Palette	Document Context Menu > Palettes	X	X	X	X	X	X	X
Activate Object Info Palette	Window > Palettes	X	X	X	X	X	X	X
Active Layer Scale...	Document Context Menu	X	X	X	X	X	X	X
Active Only	Document Context Menu > Class Options	X	X	X	X	X	X	X
Active Only	View > Class Options	X	X	X	X	X	X	X
Active Only	Document Context Menu > Layer Options	X	X	X	X	X	X	X
Active Only	View > Layer Options	X	X	X	X	X	X	X
Add 3D Object To Slab...	AEC		X	X				
Add 3D Object To Slab...	Landmark > Architectural				X			
Add 3D Object To Slab...	Spotlight > Architectural					X	X	
Add Area ModIfier to Space	Object Context Menu		X	X	X	X	X	X
Add Decal	Object Context Menu	X	X	X	X	X	X	X
Add Dimension	Object Context Menu	X	X	X	X	X	X	X
Add Keyframe	Object Context Menu	X	X	X	X	X	X	X
Add Leader Line	Object Context Menu	X	X	X	X	X	X	X
Add Point Loads at Selection...	Braceworks		+			+	X	
Add Profile	Object Context Menu		X	X	X			
Add Solids	Model	X	X	X	X	X	X	X
Add Specific Marker	Object Context Menu		+			X	X	X

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Add Surface	Modify	X	X	X	X	X	X	X
Add Text to Database...	Text		X	X	X	X	X	X
Administrative Release...	Object Context Menu		X	X	X	X	X	X
Align Bottom	Object Context Menu	X	X	X	X	X	X	X
Align by Increment...	Modify > Align		+			X	X	X
Align Center	Object Context Menu	X	X	X	X	X	X	X
Align Insertion Point Horizontally	Object Context Menu	X	X	X	X	X	X	X
Align Insrtion Point Vertically	Object Context Menu	X	X	X	X	X	X	X
Align Left	Object Context Menu	X	X	X	X	X	X	X
Align Middle	Object Context Menu	X	X	X	X	X	X	X
Align Right	Object Context Menu	X	X	X	X	X	X	X
Align Stakes Vertically...	AEC > Roads		X					
Align Stakes Vertically...	Landmark > Roads				X			
Align to Grid	Modify > Align	X	X	X	X	X	X	X
Align Top	Object Context Menu	X	X	X	X	X	X	X
Align Working Plane with Current View	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Align Working Plane with Current View	Modify > Working Plane	X	X	X	X	X	X	X
Align Working Plane with Layer Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Align Working Plane with Layer Plane	Modify > Working Plane	X	X	X	X	X	X	X
Align Working Plane X Axis with Layer Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Align Working Plane X Axis with Layer Plane	Modify > Working Plane	X	X	X	X	X	X	X
Align/Distribute	Object Context Menu	X	X	X	X	X	X	X
Align/Distribute 3D...	Modify > Align	X	X	X	X	X	X	X
Align/Distribute Leader Lines...	Modify > Align	X	X	X	X	X	X	X
Align/Distribute...	Modify > Align	X	X	X	X	X	X	X
All Layers Cable Report	ConnectCAD > Documentation		+					X
All Layers Device Report	ConnectCAD > Documentation		+					X
Allow numeric keypad entry for instant data bar activation	Window > Data Bar Options	X	X	X	X	X	X	X
Analyze Cable Routes	ConnectCAD > Documentation		+					X
Animate Scenes...	Spotlight > Visualization		+			X	X	
Apply Closure Settings to Wall	Object Context Menu		X	X	X	X	X	X
Arc into Segments...	Modify > Drafting Aids	X	X	X	X	X	X	X
Arc Smoothing	Modify > Poly Smoothing	X	X	X	X	X	X	X
Architect	Tools > Workspaces		X	X				
Arrange Icons	Window	X	X	X	X	X	X	X
Artistic Brush Brown Thin	View > Renderworks Style	X	X	X	X	X	X	X

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Command	Path	F	D	A	L	S	B	C
Artistic Chunky Thick Purple	View > Renderworks Style	X	X	X	X	X	X	X
Artistic Cloned Thin Green	View > Renderworks Style	X	X	X	X	X	X	X
Artistic Pencil Thick Blue	View > Renderworks Style	X	X	X	X	X	X	X
Artistic Renderworks	View > Rendering	X	X	X	X	X	X	X
Artistic Renderworks Options...	View > Rendering	X	X	X	X	X	X	X
Artistic Shadow Blue	View > Renderworks Style	X	X	X	X	X	X	X
Artistic Taper Thick Black	View > Renderworks Style	X	X	X	X	X	X	X
Assign Legend Properties to Selected	Object Context Menu		X			X	X	X
Assign Legend to Lighting Devices...	Object Context Menu		+			X	X	
Assign Legend to Lighting Devices...	Spotlight > Label Legend		+			X	X	
Attach Record...	Tools > Records	X	X	X	X	X	X	X
Attach to Rigging Object	Object Context Menu		X			X	X	X
Attributes	Document Context Menu > Palettes	X	X	X	X	X	X	X
Attributes	Window > Palettes	X	X	X	X	X	X	X
Auto cycle to non-displayed fields when tabbing past last field	Window > Data Bar Options	X	X	X	X	X	X	X
Auto Number Positions	Spotlight		+			X	X	
Auto-Hide Docked Palettes	Window > Palette Options	X	X	X	X	X	X	X
Auto-Hide Floating Palettes	Window > Palette Options	X	X	X	X	X	X	X
Back	View > Standard Views	X	X	X	X	X	X	X
Basic	Window > Palettes	X	X	X	X	X	X	X
Batch Convert...	File	X	X	X	X	X	X	X
Batch Rename...	Tools	X	X	X	X	X	X	X
Belt Length Calculator...	AEC > Machine Design		X	X				
Belt Length Calculator...	Landmark > Machine Design				X			
Belt Length Calculator...	Spotlight > Machine Design					X	X	
Bezier Spline Smoothing	Modify > Poly Smoothing	X	X	X	X	X	X	X
Bind Layer to Feature Service...	AEC > GIS		X	X				
Bind Layer to Feature Service...	Landmark > GIS				X			
Bind Layer to Feature Service...	Spotlight > GIS					X	X	
Bold	Text > Font Style	X	X	X	X	X	X	X
Bottom	View > Standard Views	X	X	X	X	X	X	X
Bottom	Text > Alignment	X	X	X	X	X	X	X
Bottom Baseline	Text > Alignment	X	X	X	X	X	X	X
Braceworks	Tools > Workspaces		X				X	X
Braceworks Preferences...	Document Context Menu		+				X	
Braceworks Preferences...	Spotlight > Rigging					X	X	

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Command	Path	F	D	A	L	S	B	C
Bridle Preferences...	Document Context Menu		+				X	
Bridle Preferences...	Spotlight > Rigging					X	X	
Cable Preferences...	Spotlight > Cables and Power Planning		+			X	X	
Calculate All Objects...	Braceworks		+				X	
Calculate All Objects...	Document Context Menu						X	
Calculate Cable Lengths...	ConnectCAD > Documentation		+					X
Calculate Load Combinations...	Braceworks		+				X	
Calculate Load Combinations...	Document Context Menu						X	
Calculate Selection...	Braceworks		+				X	
Calculate Selection...	Document Context Menu						X	
Calculate Visible...	Braceworks		+				X	
Calculate Visible...	Document Context Menu						X	
Calculation Overview...	Braceworks		+				X	
Cameras	Document Context Menu > Palettes	X	X	X	X	X	X	+
Cameras	Window > Palettes	X	X	X	X	X	X	+
Cancel All Viewport Updates	View	X	X	X	X	X	X	X
Cascade	Window	X	X	X	X	X	X	X
Center	Text > Alignment	X	X	X	X	X	X	X
Center	Text > Alignment	X	X	X	X	X	X	X
Center Drawing on Internal Origin	Tools > Origin	X	X	X	X	X	X	X
Centroid	AEC > Machine Design		X	X				
Centroid	Landmark > Machine Design				X			
Centroid	Spotlight > Machine Design					X	X	
Chain Length Calculator...	AEC > Machine Design		X	X				
Chain Length Calculator...	Landmark > Machine Design				X			
Chain Length Calculator...	Spotlight > Machine Design					X	X	
Change All Fields...	Tools > Records	X	X	X	X	X	X	X
Change Configuration	Object Context Menu		X			X	X	X
Change One Field...	Tools > Records	X	X	X	X	X	X	X
Change Plant Grouping	AEC > Plants		X					
Change Plant Grouping	Landmark				X			
Change Plant Grouping	Object Context Menu				X			
Change Symbol Attrs...	Tools > Utilities	X	X	X	X	X	X	X
Change Trim Height of System	Object Context Menu		X			X	X	X
Check Drawing...	ConnectCAD > Drawing		+					X
Check Drawing...	Document Context Menu							X
Check for Updates	Help (Windows only)	X	X	X	X	X	X	X

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Command	Path	F	D	A	L	S	B	C
Check for Updates	Vectorworks (Macintosh only)	X	X	X	X	X	X	X
Check Out...	Modify		X	X	X	X	X	X
Check Out...	Object Context Menu		X	X	X	X	X	X
Check Spelling...	Text	X	X	X	X	X	X	X
Choose Plant Data Source...	AEC > Plants		X					
Choose Plant Data Source...	Document Context Menu				X			
Choose Plant Data Source...	Landmark				X			
Class and Layer Mapping...	Tools		X	X	X			
Classes	Document Context Menu > Palettes	X	X	X	X	X	X	X
Classes	Window > Palettes	X	X	X	X	X	X	X
Clear	Edit	X	X	X	X	X	X	X
Clear Cable Numbers	ConnectCAD > Drawing		+					X
Clear Cable Numbers	Document Context Menu							X
Clear Calculation Results	Braceworks		+			+	X	
Clear Calculation Results	Document Context Menu		+			+	X	
Clear Markup	ConnectCAD > Drawing		+					X
Clear Markup	Document Context Menu							X
Clip Cube	View	X	X	X	X	X	X	X
Clip Surface	Modify	X	X	X	X	X	X	X
Close	File	X	X	X	X	X	X	X
Close Active View Pane	Object Context Menu	X	X	X	X	X	X	X
Close Active View Pane	View > Multiple View Panes	X	X	X	X	X	X	X
Close All	Window	X	X	X	X	X	X	X
Close and Release	File		X	X	X	X	X	X
Cloud Publish...	Cloud	X	X	X	X	X	X	X
Collapse All	Object Context Menu	X	X	X	X	X	X	X
Combine Into Surface	Modify	X	X	X	X	X	X	X
Combine Panels	ConnectCAD > Drawing		+					X
Compare Cable List and Drawing...	ConnectCAD > Compare		+					X
Compose	Modify	X	X	X	X	X	X	X
Compress Images...	Tools	X	X	X	X	X	X	X
Conductor Sizing Calc...	AEC > Electrical		X	X				
Conduit Sizing Calc...	AEC > Electrical		X	X				
Connect Selected	ConnectCAD > Drawing		+					X
Connect Selected	Object Context Menu							X
ConnectCAD	Tools > Workspaces		X				X	X
ConnectCAD Report	ConnectCAD > Documentation		+					X

<sBUG+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

5

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
ConnectCAD Settings...	ConnectCAD		+					X
Control Values for Keys...	AEC > Machine Design		X	X				
Control Values for Keys...	Landmark > Machine Design				X			
Control Values for Keys...	Spotlight > Machine Design					X	X	
Conversion Factors...	AEC > Machine Design		X	X				
Conversion Factors...	Landmark > Machine Design				X			
Conversion Factors...	Spotlight > Machine Design					X	X	
Convert Arc to Radius Polyline	Object Context Menu	X	X	X	X	X	X	X
Convert Copy to Lines	Modify > Convert	X	X	X	X	X	X	X
Convert Copy to Polygons	Modify > Convert	X	X	X	X	X	X	X
Convert Object to Dimension	Modify > Convert	X	X	X	X	X	X	X
Convert Old Hoists	Tools > Utilities		+			X	X	
Convert Old Notes to New...	Text		X	X	X	X	X	X
Convert Report to List...	ConnectCAD > Compare		+					X
Convert Text to Polylines	Text	X	X	X	X	X	X	X
Convert to 3D Polys	Modify > Convert	X	X	X	X	X	X	X
Convert to Area Light...	Modify > Convert	X	X	X	X	X	X	X
Convert to Boundary	Object Context Menu		X		X			
Convert to Generic Solids	Modify > Convert	X	X	X	X	X	X	X
Convert to Group	Modify > Convert	X	X	X	X	X	X	X
Convert to Hanging Position	Object Context Menu		X			X	X	X
Convert To Hanging Position	Spotlight > Object Conversion		+			X	X	
Convert To Lighting Device	Spotlight > Object Conversion		+			X	X	
Convert to Line Light...	Modify > Convert	X	X	X	X	X	X	X
Convert to Lines	Modify > Convert	X	X	X	X	X	X	X
Convert to Menu Command	Object Context Menu		X	X	X	X	X	X
Convert to Mesh	Modify > Convert	X	X	X	X	X	X	X
Convert to NURBS	Modify > Convert	X	X	X	X	X	X	X
Convert to Object Node	Object Context Menu		X	X	X	X	X	X
Convert to Pathway	Object Context Menu		X		X			
Convert to Plug-in Object	Modify > Convert	X	X	X	X	X	X	X
Convert to Polygons	Modify > Convert	X	X	X	X	X	X	X
Convert to Subdivision	Modify > Convert	X	X	X	X	X	X	X
Convert to Truss...	Braceworks		+			+	X	
Convert to Viewport	Modify > Convert		X	X	X	X	X	X
Convert to Viewport (from layer link)	Object Context Menu	X	+	+	+	+	+	+
Convert to Wrapper Node	Object Context Menu	X	X	X	X	X	X	X

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Convert Truss to Symbol...	Braceworks		+			+	X	
Copy	Edit	X	X	X	X	X	X	X
Copy	Object Context Menu	X	X	X	X	X	X	X
Crease all Edges	Object Context Menu	X	X	X	X	X	X	X
Crease all Vertices	Object Context Menu	X	X	X	X	X	X	X
Create 3D Loci at Grade Points	AEC > Terrain		X					
Create 3D Loci at Grade Points	Landmark				X			
Create 3D Object From 2D	AEC > Machine Design		X	X				
Create 3D Object From 2D	Landmark > Machine Design				X			
Create 3D Object From 2D	Spotlight > Machine Design					X	X	
Create Auto Hybrid	AEC		X	X				
Create Auto Hybrid	Landmark > Architectural				X			
Create Auto Hybrid	Spotlight > Architectural					X	X	
Create Batch Render Job...	View > Rendering	X	X	X	X	X	X	X
Create Bridle Assembly Diagrams...	Spotlight > Rigging		+			X	X	
Create Bridle Report...	Spotlight > Reports		+			X	X	
Create Cable Report...	Spotlight > Cables and Power Planning		+			X	X	
Create Calculation Report...	Braceworks		+				X	
Create Class using Object Attributes...	Object Context Menu	X	X	X	X	X	X	X
Create Color Chart...	Tools > Utilities	X	X	X	X	X	X	X
Create Data Tag Style...	Tools		X	X	X	X	X	X
Create Data Visualization Legend	Object Context Menu		X	X	X	X	X	X
Create Detail Viewport...	View		X	X	X	X	X	X
Create Devices from Worksheet...	ConnectCAD > Update		+					X
Create Dividing Lines...	Modify > Drafting Aids	X	X	X	X	X	X	X
Create Drape Surface...	Model > 3D Power Pack	X	X	X	X	X	X	X
Create Equipment...	ConnectCAD > Layout		+					X
Create Existing Trees From Loci...	AEC > Existing Trees		X					
Create Existing Trees From Loci...	Landmark > Existing Trees				X			
Create Fillet Surface...	Model > 3D Power Pack	X	X	X	X	X	X	X
Create Floating View Pane	Object Context Menu	X	X	X	X	X	X	X
Create Floating View Pane	View > Multiple View Panes	X	X	X	X	X	X	X
Create Gobo Texture...	Spotlight > Visualization		+			X	X	
Create Grade Limits from Pad...	AEC > Terrain		X					
Create Grade Limits from Pad...	Landmark				X			
Create Helix-Spiral...	Model > 3D Power Pack	X	X	X	X	X	X	X
Create Hoist Report...	Spotlight > Reports		+			X	X	

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Command	Path	F	D	A	L	S	B	C
Create Horizontal Section Viewport...	View		X	X	X	X	X	X
Create Image Prop...	Model	X	X	X	X	X	X	X
Create Interior Elevation Viewport...	View		X	X				
Create Interpolated Surface...	Model > 3D Power Pack	X	X	X	X	X	X	X
Create Joists...	AEC > Framing		X	X				
Create Joists...	Landmark > Architectural				X			
Create Label	AEC > Energos		X	X				
Create Label Legend from Lighting Device...	Spotlight > Label Legend		+			X	X	
Create Layer Link...	View	X	+	+	+	+	+	+
Create Lectern...	Event Design		+			X	X	
Create Movie	Object Context Menu	X	X	X	X	X	X	X
Create Multiple Viewports...	View		X	X	X	X	X	X
Create Objects from Shapes...	AEC		X	X				
Create Objects from Shapes...	Landmark				X			
Create Objects from Shapes...	Modify					X	X	X
Create Objects from Shapes...	Object Context Menu		X	X	X	X	X	X
Create Orbit Path...	Model > Create Animation...	X	X	X	X	X	X	X
Create Pad from Grade Limits...	AEC > Terrain		X					
Create Pad from Grade Limits...	Landmark				X			
Create Panel Riser Diag...	Tools > Reports		X	X				
Create Panel Schedule...	Tools > Reports		X	X				
Create Piping Runs	AEC > Electrical		X	X				
Create Planar Caps	Model > 3D Power Pack	X	X	X	X	X	X	X
Create Plant Style from Catalog...	AEC > Plants		X					
Create Plant Style from Catalog...	Landmark				X			
Create Plant Style from Selection...	AEC > Plants		X					
Create Plant Style from Selection...	Document Context Menu				X			
Create Plant Style from Selection...	Landmark				X			
Create Plug-in Style...	Tools	X	X	X	X	X	X	X
Create Polys from Walls...	AEC		X	X				
Create Polys from Walls...	Landmark > Architectural				X			
Create Polys from Walls...	Spotlight > Architectural					X	X	
Create Redline Status WS	Text > Redlines		X	X	X	X	X	X
Create Report...	ConnectCAD > Documentation		+					X
Create Report...	Spotlight > Reports					X	X	
Create Report...	Tools > Reports	X	X	X	X	+	+	+
Create Retaining Wall Site Modifier...	AEC > Terrain		X					

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system **8**

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Command	Path	F	D	A	L	S	B	C
Create Retaining Wall Site Modifier...	Landmark				X			
Create Rm Finish Legend...	Tools > Reports		X	X				
Create Road from Stakes...	AEC > Roads		X					
Create Road from Stakes...	Landmark > Roads				X			
Create Roof...	AEC		X	X				
Create Roof...	Landmark > Architectural				X			
Create Roof...	Spotlight > Architectural					X	X	
Create Room...	Event Design		+			X	X	
Create Saddle	Object Context Menu		X	X	X	X	X	X
Create Schematic View...	Spotlight > Visualization		+			X	X	
Create Screen...	Event Design		+			X	X	
Create Section Viewport (from clip cube)	Object Context Menu		X	X	X	X	X	X
Create Section Viewport...	View		X	X	X	X	X	X
Create Sheet List...	Tools > Reports		X	X				
Create Similar Object	Object Context Menu		X	X	X	X	X	X
Create Site Model Volume List...	AEC > Terrain		X	X				
Create Site Model Volume List...	Landmark				X			
Create Spaces from Polys	AEC > Space Planning		X	X	+	+		
Create Spaces from Walls...	AEC > Space Planning		X	X	+	+		
Create Spin Path...	Model > Create Animation...	X	X	X	X	X	X	X
Create Stage...	Event Design		+			X	X	
Create Stair...	Event Design		+			X	X	
Create Standard Viewports..	File > Document Settings		X	X				
Create Stepped Wall...	AEC		X	X				
Create Stepped Wall...	Landmark > Architectural				X			
Create Subdivision Primitive...	Model	X	X	X	X	X	X	X
Create Surface Array...	Model		X	X	X	X	X	X
Create Surface from Curves	Model > 3D Power Pack	X	X	X	X	X	X	X
Create Symbol...	Modify	X	X	X	X	X	X	X
Create Viewport...	View	X	X	X	X	X	X	X
Create Views	Event Design		+			X	X	
Create Walkthrough Path from Saved Views...	Model > Create Animation...	X	X	X	X	X	X	X
Create Walkthrough Path from Selection	Model > Create Animation...	X	X	X	X	X	X	X
Create Wall Projection...	AEC		X	X				
Create Wall Projection...	Landmark > Architectural				X			
Create Wall Projection...	Spotlight > Architectural					X	X	
Create Wall Recess...	AEC		X	X				

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Create Wall Recess...	Landmark > Architectural				X			
Create Wall Recess...	Spotlight > Architectural					X	X	
Create Walls from Spaces...	AEC > Space Planning		X	X	+	+		
Cross Section Workload...	Braceworks		+			+	X	
Cubic Spline Smoothing	Modify > Poly Smoothing	X	X	X	X	X	X	X
Current Layer Cable Labels	ConnectCAD > Documentation		+					X
Current Layer Cable Report	ConnectCAD > Documentation		+					X
Current Layer Device Report	ConnectCAD > Documentation		+					X
Custom Checkout...	Tools		X	X	X	X	X	X
Custom Modification...	Tools		X	X	X	X	X	X
Custom Release...	Tools		X	X	X	X	X	X
Custom Renderworks	View > Rendering	X	X	X	X	X	X	X
Custom Renderworks Options...	View > Rendering	X	X	X	X	X	X	X
Custom Selection...	Tools	X	X	X	X	X	X	X
Custom Tool/Attribute...	Tools	X	X	X	X	X	X	X
Customize Truss Symbol Data	Object Context Menu		X			X	X	X
Cut	Edit	X	X	X	X	X	X	X
Cut	Object Context Menu	X	X	X	X	X	X	X
Cut 2D Section	Model	X	+	+	+	+	+	+
Cut 3D Section	Model	X	+	+	+	+	+	+
Dashed Hidden Line	View > Rendering	X	X	X	X	X	X	X
Data	Document Context Menu > Palettes	X	X	X	X	X	X	X
Data	Window > Palettes	X	X	X	X	X	X	X
Data Manager...	Tools		X	X	X	X	X	X
Decompose	Modify	X	X	X	X	X	X	X
Delete	Object Context Menu	X	X	X	X	X	X	X
Delete All Guides	Modify > Guides	X	X	X	X	X	X	X
Delete Dimension	Object Context Menu	X	X	X	X	X	X	X
Delete Frames	Object Context Menu		X	X	X	X	X	X
Delete Keyframe	Object Context Menu	X	X	X	X	X	X	X
Delete Leader Line	Object Context Menu	X	X	X	X	X	X	X
Delete Profile	Object Context Menu		X	X	X			
Delete User-Provided 2D Components	Object Context Menu	X	X	X	X	X	X	X
Delete Wall Peaks...	AEC		X	X				
Delete Wall Peaks...	Landmark > Architectural				X			
Delete Witness Line	Object Context Menu	X	X	X	X	X	X	X
Design Layers	Document Context Menu > Palettes	X	X	X	X	X	X	X

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Design Layers	Window > Palettes	X	X	X	X	X	X	X
Design Suite	Tools > Workspaces		X					
Detach Equipment Item	Object Context Menu		+					X
Detach from Cable Route Network	Object Context Menu		+					X
Detach from Drop Point	Object Context Menu		+					X
Detach from Grade Network	Object Context Menu		X	X	X	X	X	X
Detach From Pipe Network	Object Context Menu		X		X			
Detach Record...	Tools > Records	X	X	X	X	X	X	X
Dimension Exterior Walls...	AEC		X	X				
Dimension Exterior Walls...	Landmark > Architectural				X			
Dimension Exterior Walls...	Spotlight > Architectural					X	X	
Dimension Grid Sequence	Object Context Menu		X	X	X	X	X	X
Disassociate	Object Context Menu	X	X	X	X	X	X	X
Display Repetitions (line type editing)	Object Context Menu	X	X	X	X	X	X	X
Display Tile Repetitions	Object Context Menu	X	X	X	X	X	X	X
Distribute Frames	Object Context Menu		X	X	X	X	X	X
Distribute Horizontally (Spacing)	Object Context Menu	X	X	X	X	X	X	X
Distribute Vertically (Spacing)	Object Context Menu	X	X	X	X	X	X	X
DMX Patch...	Spotlight		+			X	X	
Do not allow instant data bar activation	Window > Data Bar Options	X	X	X	X	X	X	X
Do not allow numeric keypad entry for instant data bar activation	Window > Data Bar Options	X	X	X	X	X	X	X
Do not auto cycle to non-displayed fields when tabbing past last field	Window > Data Bar Options	X	X	X	X	X	X	X
Do not show floating data bar after datum creation	Window > Data Bar Options	X	X	X	X	X	X	X
Do not use floating data bar - show data bar fields on fixed data bar	Window > Data Bar Options	X	X	X	X	X	X	X
Document Preferences...	Document Context Menu	X	X	X	X	X	X	X
Document Preferences...	File > Document Settings	X	X	X	X	X	X	X
Document Setup...	File > Document Settings		X	X	X			
Double Space	Text > Spacing	X	X	X	X	X	X	X
Download Content	Help	X	X	X	X	X	X	X
Draw Cam Diagrams	AEC > Machine Design		X	X				
Draw Cam Diagrams	Landmark > Machine Design				X			
Draw Cam Diagrams	Spotlight > Machine Design					X	X	
Dropbox Integration	Cloud	X	X	X	X	X	X	X
Duplicate	Edit	X	X	X	X	X	X	X
Duplicate Along Path...	Edit	X	X	X	X	X	X	X
Duplicate Array...	Edit	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Edit	Object Context Menu	X	X	X	X	X	X	X
Edit 2D Components	Object Context Menu	X	X	X	X	X	X	X
Edit 3D Component	Object Context Menu	X	X	X	X	X	X	X
Edit 3D Wall Hole Component	Object Context Menu	X	X	X	X	X	X	X
Edit Annotations	Object Context Menu	X	X	X	X	X	X	X
Edit Array Items	Object Context Menu		X	X	X	X	X	X
Edit Base Surface	Object Context Menu		X	X	X	X	X	X
Edit Boundary	Object Context Menu		X	X	X	X	X	X
Edit Bubble Layout	Object Context Menu		X	X	X	X	X	X
Edit Camera	Object Context Menu	X	X	X	X	X	X	X
Edit Circuit Graphics	Object Context Menu		+					X
Edit Connection(s)	Object Context Menu		X	X	X	X	X	X
Edit Constraints...	Modify	X	X	X	X	X	X	X
Edit Control Geometry	Object Context Menu	X	X	X	X	X	X	X
Edit Crop	Object Context Menu	X	X	X	X	X	X	X
Edit Crop (pdf)	Modify	X	X	X	X	X	X	X
Edit Crop (site model)	Object Context Menu		X	X	X			
Edit Current Workspace...	Tools > Workspaces	X	X	X	X	X	X	X
Edit Description	Object Context Menu		X	X	X	X	X	X
Edit Design Layer	Object Context Menu	X	X	X	X	X	X	X
Edit Dimension	Object Context Menu	X	X	X	X	X	X	X
Edit Drain(s)/Drainage	Object Context Menu		X	X	X	X	X	X
Edit Elevation In-Place	Object Context Menu		X	X	X	X		
Edit Existing Contours	Object Context Menu		X	X	X			
Edit Existing Surface	Object Context Menu		X	X	X			
Edit Features	Object Context Menu	X	X	X	X	X	X	X
Edit Frames	Object Context Menu		X	X	X	X	X	X
Edit Group	Modify	X	X	X	X	X	X	X
Edit Image Attributes	Object Context Menu	X	X	X	X	X	X	X
Edit Image Effects	Object Context Menu	X	X	X	X	X	X	X
Edit Light	Object Context Menu		X			X	X	X
Edit Manual Edge	Object Context Menu		X	X	X	X	X	X
Edit Marker List...	Tools > Options	X	X	X	X	X	X	X
Edit Modifiers	Object Context Menu		X	X	X	X	X	X
Edit Object Connection	Tools > Database		X	X	X	X	X	X
Edit Panels	Object Context Menu		X	X	X	X	X	X
Edit Path	Object Context Menu	X	X	X	X	X	X	X

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Edit Plug-in Style	Object Context Menu	X	X	X	X	X	X	X
Edit Profile	Object Context Menu	X	X	X	X	X	X	X
Edit Proposed Contours	Object Context Menu		X	X	X			
Edit Proposed Surface	Object Context Menu		X	X	X			
Edit Referenced Design Layer (design layer)	Object Context Menu	X	X	X	X	X	X	X
Edit Roof Style	Object Context Menu		X	X	X	X	X	X
Edit Script	Object Context Menu		X	X	X	X	X	X
Edit Section In-Place	Object Context Menu		X	X	X	X		
Edit Site Model Crop	Object Context Menu		X	X	X			
Edit Slab Addition Settings	Object Context Menu		X	X	X	X	X	X
Edit Slab Style	Object Context Menu		X	X	X	X	X	X
Edit Slab Subtraction Settings	Object Context Menu		X	X	X	X	X	X
Edit Solid	Object Context Menu	X	X	X	X	X	X	X
Edit Surface Modifiers	Object Context Menu		X	X	X			
Edit Tag Data	Object Context Menu		X	X	X	X	X	X
Edit Tag Layout	Object Context Menu		X	X	X	X	X	X
Edit Using Curtain Wall Tool	Object Context Menu		X	X	X	X	X	X
Edit Using Reshape Tool	Object Context Menu		X	X	X	X	X	X
Edit Valley(s) (slab slope valleys)	Object Context Menu		X	X	X	X	X	X
Edit Wall Closure Component	Object Context Menu	X	X	X	X	X	X	X
Edit Wall Style	Object Context Menu		X	X	X	X	X	X
Enable Multiple View Panes	Object Context Menu	X	X	X	X	X	X	X
Enable Multiple View Panes	View > Multiple View Panes	X	X	X	X	X	X	X
Encrypt Script...	Tools > Plug-ins	X	X	X	X	X	X	X
Engineering Properties...	Model	X	D	A	X	X	X	X
Even Divide...	Modify > Drafting Aids	X	X	X	X	X	X	X
Exit Group	Modify	X	X	X	X	X	X	X
Exit Viewport	Object Context Menu	X	X	X	X	X	X	X
Expand All	Object Context Menu	X	X	X	X	X	X	X
Export	Object Context Menu		X	X	X	X	X	X
Export 3D PDF (3D only)...	File > Export		X	X	X	X	X	X
Export 3DS (3D only)...	File > Export		X	X	X	X	X	X
Export as Vectorworks <previous version> File	File > Export	X	X	X	X	X	X	X
Export ASCII Patch...	File > Export		+			X	X	
Export Braceworks Structure...	Braceworks		+				X	
Export Cinema 4D (3D only)...	File > Export	X	X	X	X	X	X	X
Export COLLADA (3D only)...	File > Export	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Export Database...	File > Export	X	X	X	X	X	X	X
Export DWF...	File > Export	X	X	X	X	X	X	X
Export DXF/DWG...	File > Export	X	X	X	X	X	X	X
Export Energy Data...	AEC > Energos		X	X				
Export EPSF...	File > Export	X	X	X	X	X	X	X
Export ESC...	File > Export		+			X	X	X
Export FBX (3D only)...	File > Export	X	X	X	X	X	X	X
Export High Dynamic Range Image (HDRI)...	File > Export	X	X	X	X	X	X	X
Export IFC Project...	File > Export		X	X	X	X	X	X
Export IGES (3D only)...	File > Export	X	X	X	X	X	X	X
Export Image File...	File > Export	X	X	X	X	X	X	X
Export KML (3D only)...	File > Export		X	X	X	X	X	X
Export Lighting Device Data...	File > Export		+			X	X	
Export Metafile...	File > Export	X	X	X	X	X	X	X
Export MVR...	File > Export		+			X	X	
Export OBJ (3D only)...	File > Export	X	X	X	X	X	X	X
Export Panorama (3D only)...	File > Export	X	X	X	X	X	X	X
Export Parasolid X_T (3D only)...	File > Export	X	X	X	X	X	X	X
Export PDF...	File > Export	X	X	X	X	X	X	X
Export Plant	Object Context Menu		X		X			
Export Revit (3D Geometry only)...	File > Export		X	X	X	X	X	X
Export Rhino 3DM (3D only)...	File > Export	X	X	X	X	X	X	X
Export SAT (3D only)...	File > Export	X	X	X	X	X	X	X
Export Script...	File > Export	X	X	X	X	X	X	X
Export Shapefile...	File > Export		X	X	X			
Export Simple VectorScript (3D only)...	File > Export	X	X	X	X	X	X	X
Export STEP (3D only)...	File > Export	X	X	X	X	X	X	X
Export STL (3D only)...	File > Export	X	X	X	X	X	X	X
Export Unreal Datasmith (3D only)....	File > Export	X	X	X	X	X	X	X
Export VGX (3D only)...	File > Export	X	X	X	X	X	X	X
Export Worksheet...	File > Export	X	X	X	X	X	X	X
Extend NURBS...	Model > 3D Power Pack	X	X	X	X	X	X	X
Extract 3D Loci from Point Cloud ...	Model > Point Clouds		X	X	X	X	X	X
Extrude Along Path	Model	X	X	X	X	X	X	X
Extrude...	Model	X	X	X	X	X	X	X
Fast Renderworks	View > Rendering	X	X	X	X	X	X	X
File Info...	File	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Final Quality Renderworks	View > Rendering	X	X	X	X	X	X	X
Final Shaded Polygon	View > Rendering	X	X	X	X	X	X	X
Find and Modify	Spotlight		+			X	X	
Find-Replace Text...	Text	X	X	X	X	X	X	X
Fit Bottom of Space to Objects...	AEC > Space Planning		X	X	+	+		
Fit To Objects	View > Zoom	X	X	X	X	X	X	X
Fit To Page Area	View > Zoom	X	X	X	X	X	X	X
Fit Top of Space to Objects...	AEC > Space Planning		X	X	+	+		
Fit Walls to Objects...	AEC		X	X				
Fit Walls to Objects...	Landmark > Architectural				X			
Flip	Object Context Menu	X	X	X	X	X	X	X
Flip Horizontal	Modify > Rotate	X	X	X	X	X	X	X
Flip Horizontal	Object Context Menu > Rotate	X	X	X	X	X	X	X
Flip Vertical	Modify > Rotate	X	X	X	X	X	X	X
Flip Vertical	Object Context Menu > Rotate	X	X	X	X	X	X	X
Flip X'	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Flip X'	Modify > Working Plane	X	X	X	X	X	X	X
Flip Y'	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Flip Y'	Modify > Working Plane	X	X	X	X	X	X	X
Flip Z'	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Flip Z'	Modify > Working Plane	X	X	X	X	X	X	X
Floating palettes can dock to each other	Window > Palette Options	X	X	X	X	X	X	X
Floor...	AEC		X	X				
Floor...	Landmark > Architectural				X			
Floor...	Spotlight > Architectural					X	X	
Focus Lighting Devices Along Path...	Document Context Menu		+			X	X	
Focus Lighting Devices...	Object Context Menu		+			X	X	
Focus Lighting Devices...	Spotlight					X	X	
Font (list of installed fonts)	Text	X	X	X	X	X	X	X
Force Select	Document Context Menu	X	X	X	X	X	X	X
Force Select	Object Context Menu	X	X	X	X	X	X	X
Format Text...	Text	X	X	X	X	X	X	X
Front	View > Standard Views	X	X	X	X	X	X	X
Front-Rear Rack View...	ConnectCAD > Layout		+					X
Fundamentals	Tools > Workspaces	X	X	X	X	X	X	X
Generate 2D from 3D Component	Object Context Menu	X	X	X	X	X	X	X
Generate Paperwork...	Spotlight > Reports		+			X	X	

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system   **15**

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Georeferencing...	File > Document Settings		X	X	X	X	X	X
Get Analysis from AutoTURN Online...	AEC > AutoTURN Online		X	X				
Get Analysis from AutoTURN Online...	Landmark > AutoTURN Online				X			
Get Analysis from AutoTURN Online...	Spotlight > AutoTURN Online					X	X	
Go to [Feature]	Object Context Menu	X	X	X	X	X	X	X
Gray Others	Document Context Menu > Class Options	X	X	X	X	X	X	X
Gray Others	View > Class Options	X	X	X	X	X	X	X
Gray Others	Document Context Menu > Layer Options	X	X	X	X	X	X	X
Gray Others	View > Layer Options	X	X	X	X	X	X	X
Gray/Snap Others	Document Context Menu > Class Options	X	X	X	X	X	X	X
Gray/Snap Others	View > Class Options	X	X	X	X	X	X	X
Gray/Snap Others	Document Context Menu > Layer Options	X	X	X	X	X	X	X
Gray/Snap Others	View > Layer Options	X	X	X	X	X	X	X
Grid Method Entry...	AEC > Survey Input		X	X				
Grid Method Entry...	Landmark > Survey Input				X			
Group	Modify	X	X	X	X	X	X	X
Hatch...	Modify	X	X	X	X	X	X	X
Help	Cloud	X	X	X	X	X	X	X
Hidden Line	View > Rendering	X	X	X	X	X	X	X
Hide (property line object)	Object Context Menu		X	X	X			
Hide Enabled Palettes	Document Context Menu > Palettes	X	X	X	X	X	X	X
Hide Enabled Palettes	Window > Palettes	X	X	X	X	X	X	X
Hide Guides	Modify > Guides	X	X	X	X	X	X	X
Hide Jump	Object Context Menu		X		X			
Hide Others (Mac only)	Vectorworks	X	D	X	X	S	B	X
Hide Vectorworks (Mac only)	Vectorworks	X	X	X	X	X	X	X
Hide Warning Icons	AEC > Irrigation		X					
Hide Warning Icons	Landmark > Irrigation				X			
Highlight objects I have checked out	View > Project Sharing Options		X	X	X	X	X	X
Highlight objects using User Colors	View > Project Sharing Options		X	X	X	X	X	X
IFC Data...	AEC		X	X				
IFC Data...	Landmark > Architectural				X			
IFC Data...	Spotlight > Architectural					X	X	
IFC Zones, Systems and Groups...	AEC		X	X	+	+		
Import 3DS (3D only)...	File > Import		X	X	X	X	X	X
Import Adjacency Matrix...	AEC > Space Planning		X	X	+	+		
Import Cinema 4D Textures...	File > Import	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system   **16**

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Import DXF/DWG or DWF...	File > Import	X	X	X	X	X	X	X
Import EPSF...	File > Import	X	X	X	X	X	X	X
Import GDTF...	File > Import		+			X	X	
Import IFC...	File > Import		X	X	X	X	X	X
Import IGES (3D only)...	File > Import	X	X	X	X	X	X	X
Import Image File...	File > Import	X	X	X	X	X	X	X
Import Lighting Device Data...	File > Import		+			X	X	
Import Metafile as Bitmap...	File > Import	X	X	X	X	X	X	X
Import Metafile...	File > Import	X	X	X	X	X	X	X
Import Mosa Pattern...	File > Import	X	X	X	X	X	X	X
Import mtextur...	File > Import	X	X	X	X	X	X	X
Import MVR...	File > Import		+			X	X	
Import OBJ (3D only)...	File > Import	X	X	X	X	X	X	X
Import Parasolid X_T (3D only)...	File > Import	X	X	X	X	X	X	X
Import PartSpec...	AEC > Machine Design		X	X				
Import PartSpec...	Landmark > Machine Design				X			
Import PartSpec...	Spotlight > Machine Design					X	X	
Import PDF...	File > Import	X	X	X	X	X	X	X
Import PICT as Bitmap...	File > Import	X	X	X	X	X	X	X
Import PICT...	File > Import	X	X	X	X	X	X	X
Import Point Cloud...	File > Import		X	X	X	X	X	X
Import Revit (Batch)...	File > Import		X	X	X	X	X	X
Import Revit...	File > Import		X	X	X	X	X	X
Import Rhino 3DM (3D only)...	File > Import	X	X	X	X	X	X	X
Import SAT (3D only)...	File > Import	X	X	X	X	X	X	X
Import Script...	File > Import	X	X	X	X	X	X	X
Import Shapefile...	File > Import		X	X	X			
Import Single DWF...	File > Import	X	X	X	X	X		X
Import Single DXF/DWG...	File > Import	X	X	X	X	X	X	X
Import SketchUp...	File > Import		X	X	X	X	X	X
Import STEP (3D only)...	File > Import	X	X	X	X	X	X	X
Import STL (3D only)...	File > Import	X	X	X	X	X	X	X
Import Survey File...	AEC > Survey Input		X	X				
Import Survey File...	Landmark > Survey Input				X			
Import Symbol (Batch)...	File > Import	X	X	X	X	X	X	X
Import Tree Survey File...	AEC > Existing Trees		X					
Import Tree Survey File...	Landmark > Existing Trees				X			

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system   **17**

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Import Worksheet...	File > Import	X	X	X	X	X	X	X
Insert Distributed Load at Selection...	Braceworks		+			+	X	
Insert Door (curtain wall)	Object Context Menu		X	X	X	X	X	X
Insert Drop...	Braceworks		+			+	X	
Insert House Rigging Point at Selection...	Spotlight > Rigging		+			X	X	
Insert Window (curtain wall)	Object Context Menu		X	X	X	X	X	X
Intersect Solids	Model	X	X	X	X	X	X	X
Intersect Surface	Modify	X	X	X	X	X	X	X
Invert Selection	Edit	X	X	X	X	X	X	X
Irrigation Settings...	AEC > Irrigation		X					
Irrigation Settings...	Landmark > Irrigation				X			
Italic	Text > Font Style	X	X	X	X	X	X	X
Join	Modify > Join	X	X	X	X	X	X	X
Join (no trim)	Modify > Join	X	X	X	X	X	X	X
Join (wall object)	Object Context Menu		X	X	X	X	X	X
Join and Fillet	Modify > Join	X	X	X	X	X	X	X
Justify	Text > Alignment	X	X	X	X	X	X	X
Label Legend Manager...	Spotlight > Label Legend		+			X	X	
Landmark	Tools > Workspaces		X		X			
Launch Vectorworks Cloud Services Website	Cloud	X	X	X	X	X	X	X
Left	View > Standard Views	X	X	X	X	X	X	X
Left	Text > Alignment	X	X	X	X	X	X	X
Left Isometric	View > Standard Views	X	X	X	X	X	X	X
Left Rear Iso	View > Standard Views	X	X	X	X	X	X	X
Lighting Inventory Setup...	Spotlight > Reports		+			X	X	
Lighting Symbol Maintenance...	Spotlight > Reports		+			X	X	
Lights	Document Context Menu > Palettes	X	X	X	X	X	X	+
Lights	Window > Palettes	X	X	X	X	X	X	+
Line into Segments...	Modify > Drafting Aids	X	X	X	X	X	X	X
Line Render Options...	View > Rendering	X	X	X	X	X	X	X
Line Thickness...	Tools > Options	X	X	X	X	X	X	X
Link Text to Record...	Modify	X	X	X	X	X	X	X
Link Text to Record...	Tools > Records	X	X	X	X	X	X	X
List Symbols...	Tools > Utilities	X	X	X	X	X	X	X
Load Overview...	Braceworks		+			+	X	
Locate [Resource] in Resource Manager	Object Context Menu	X	X	X	X	X	X	X
Locate in View	Object Context Menu	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Locate Internal Origin	Tools > Origin	X	X	X	X	X	X	X
Lock	Modify	X	X	X	X	X	X	X
Lock	Object Context Menu	X	X	X	X	X	X	X
Log In to AutoTURN Online...	AEC > AutoTURN Online		X	X				
Log In to AutoTURN Online...	Landmark > AutoTURN Online				X			
Log In to AutoTURN Online...	Spotlight > AutoTURN Online					X	X	
Look at Working Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Look at Working Plane	Modify > Working Plane	X	X	X	X	X	X	X
Look at Working Plane	View	X	X	X	X	X	X	X
lower case	Text > Capitalization	X	X	X	X	X	X	X
Lower Left Iso	View > Standard Views	X	X	X	X	X	X	X
Lower Left Rear	View > Standard Views	X	X	X	X	X	X	X
Lower Right Iso	View > Standard Views	X	X	X	X	X	X	X
Lower Right Rear	View > Standard Views	X	X	X	X	X	X	X
Make Cable Labels...	ConnectCAD > Documentation		+					X
Make Connections from List...	ConnectCAD > Update		+					X
Make Guide	Modify > Guides	X	X	X	X	X	X	X
Make JF Labels...	ConnectCAD > Documentation		+					X
Make TP Labels...	ConnectCAD > Documentation		+					X
Manage AutoTURN Online Drawings...	AEC > AutoTURN Online		X	X				
Manage AutoTURN Online Drawings...	Landmark > AutoTURN Online				X			
Manage AutoTURN Online Drawings...	Spotlight > AutoTURN Online					X	X	
Manage Bridle Parts...	Document Context Menu		+				X	
Manage Bridle Parts...	Spotlight > Rigging					X	X	
Manage Cable Parts...	Spotlight > Cables and Power Planning		+			X	X	
Manage Databases...	Tools > Database		X	X	X	X	X	X
Manage Loads	Object Context Menu		X			X	X	X
Manage Scenes...	Spotlight > Visualization		+			X	X	
Marionette Commands	Tools > Marionette Commands		X	X	X	X	X	X
Marionette Commands	Tools		X	X	X	X	X	X
Marker Style(s)	Object Context Menu		X	X	X			
Merge Point Clouds	Model > Point Clouds		X	X	X	X	X	X
Merge Record Formats...	Tools > Records	X	X	X	X	X	X	X
Migration Manager...	Tools	X	X	X	X	X	X	X
Model to Floorplan...	AEC > Space Planning		X	X	+	+		
Modify [Feature]	Object Context Menu	X	X	X	X	X	X	X
Modify by Record...	Tools > Records		X	X	X	X	X	X

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Move 3D...	Modify > Move	X	X	X	X	X	X	X
Move Geographic...	Modify > Move		X		X			
Move to Hanging Point	Object Context Menu		X			X	X	X
Move...	Modify > Move	X	X	X	X	X	X	X
Multiple Extrude...	Model	X	X	X	X	X	X	X
Narrow Perspective	View > Projection	X	X	X	X	X	X	X
Navigation	Document Context Menu > Palettes		X	X	X	X	X	X
Navigation	Window > Palettes		X	X	X	X	X	X
New Hatch From Locally Mapped Hatch	Object Context Menu	X	X	X	X	X	X	X
New Plug-in Style from Unstyled Plug-in	Object Context Menu	X	X	X	X	X	X	X
New Roof Style from Unstyled Roof	Object Context Menu		X	X	X	X	X	X
New Slab Style from Unstyled Slab	Object Context Menu		X	X	X	X	X	X
New Tile From Locally Mapped Tile	Object Context Menu	X	X	X	X	X	X	X
New Wall Style from Unstyled Wall	Object Context Menu		X	X	X	X	X	X
New...	File	X	X	X	X	X	X	X
Next View	View	X	X	X	X	X	X	X
Next Working Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Next Working Plane	Modify > Working Plane	X	X	X	X	X	X	X
No Smoothing	Modify > Poly Smoothing	X	X	X	X	X	X	X
Normal Perspective	View > Projection	X	X	X	X	X	X	X
Normal Scale	View > Zoom	X	X	X	X	X	X	X
Number Cables...	ConnectCAD > Drawing		+					X
Number Cables...	Document Context Menu							X
Object Connection...	Tools > Database		X	X	X	X	X	X
Object Info	Document Context Menu > Palettes	X	X	X	X	X	X	X
Object Info	Window > Palettes	X	X	X	X	X	X	X
Oblique Cabinet 30	View > Projection	X	X	X	X	X	X	X
Oblique Cabinet 45	View > Projection	X	X	X	X	X	X	X
Oblique Cavalier 30	View > Projection	X	X	X	X	X	X	X
Oblique Cavalier 45	View > Projection	X	X	X	X	X	X	X
Open AutoTURN Online Drawing...	AEC > AutoTURN Online		X	X				
Open AutoTURN Online Drawing...	Landmark > AutoTURN Online				X			
Open AutoTURN Online Drawing...	Spotlight > AutoTURN Online					X	X	
Open BCF Manager...	AEC		X	X	+	+		
Open Camera View in New Pane	Object Context Menu	X	X	X	X	X	X	X
Open Plant Data...	AEC > Plants		X					
Open Plant Data...	Document Context Menu				X			

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Open Plant Data...	Landmark				X			
Open Recent (list of recently opened files)	File	X	X	X	X	X	X	X
Open Server-based Project File...	File		X	X	X	X	X	X
Open Vectorworks Cloud Services Folder...	Cloud	X	X	X	X	X	X	X
Open...	File	X	X	X	X	X	X	X
Organization...	Tools	X	X	X	X	X	X	X
Orthogonal	View > Projection	X	X	X	X	X	X	X
Other...	Text > Spacing	X	X	X	X	X	X	X
Outline (Mac only)	Text > Font Style	X	X	X	X	X	X	X
Page Setup...	File	X	X	X	X	X	X	X
Palettes can dock to each other (Mac only)	Window > Palette Options	X	X	X	X	X	X	X
Paste	Document Context Menu	X	X	X	X	X	X	X
Paste	Edit	X	X	X	X	X	X	X
Paste	Object Context Menu	X	X	X	X	X	X	X
Paste As Bitmap	Edit	X	X	X	X	X	X	X
Paste In Place	Edit	X	X	X	X	X	X	X
Patterns...	File > Document Settings	X	X	X	X	X	X	X
Pick up Redline	Text > Redlines		X	X	X	X	X	X
Pillar...	AEC		X	X				
Pillar...	Landmark > Architectural				X			
Pillar...	Spotlight > Architectural					X	X	
Place Camera Match Object	View > Camera Match	X	X	X	X	X	X	X
Place Reference	View > Camera Match	X	X	X	X	X	X	X
Plain Text	Text > Font Style	X	X	X	X	X	X	X
Plant Line...	AEC > Plants		X					
Plant Line...	Landmark				X			
Plug-in Manager...	Tools > Plug-ins	X	X	X	X	X	X	X
Plug-in Object Options	Object Context Menu	X	X	X	X	X	X	X
Plug-in Object Style Options	Object Context Menu	X	X	X	X	X	X	X
Power Patch Position	Spotlight > Cables and Power Planning		+			X	X	
Power Patch Selected Objects	Spotlight > Cables and Power Planning		+			X	X	
Preferences (Mac only)	Vectorworks	X	X	X	X	X	X	X
Preview Exterior	View > Renderworks Style	X	X	X	X	X	X	X
Preview Interior	View > Renderworks Style	X	X	X	X	X	X	X
Previous Selection	Edit	X	X	X	X	X	X	X
Previous View	View	X	X	X	X	X	X	X
Previous Working Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Previous Working Plane	Modify > Working Plane	X	X	X	X	X	X	X
Print...	File	X	X	X	X	X	X	X
Project Settings...	AEC > Energos		X	X				
Project Sharing...	File		X	X	X	X	X	X
Properties...	Object Context Menu	X	X	X	X	X	X	X
Publish...	File	X	X	X	X	X	X	X
Purge...	Tools	X	X	X	X	X	X	X
Quick Search...	Tools	X	X	X	X	X	X	X
Quit	File	X	X	X	X	X	X	X
Quit Vectorworks (Mac only)	Vectorworks	X	X	X	X	X	X	X
Rack Equipment Report	ConnectCAD > Documentation		+					X
Rack Frames Report	ConnectCAD > Documentation		+					X
Radius Smoothing	Modify > Poly Smoothing	X	X	X	X	X	X	X
Re-Sequence	Object Context Menu		X	X	X	X	X	X
Realistic Colors White	View > Renderworks Style	X	X	X	X	X	X	X
Realistic Exterior Fast	View > Renderworks Style	X	X	X	X	X	X	X
Realistic Exterior Final	View > Renderworks Style	X	X	X	X	X	X	X
Realistic Exterior Night Fast	View > Renderworks Style	X	X	X	X	X	X	X
Realistic Exterior Night Final	View > Renderworks Style	X	X	X	X	X	X	X
Realistic Interior Fast	View > Renderworks Style	X	X	X	X	X	X	X
Realistic Interior Final	View > Renderworks Style	X	X	X	X	X	X	X
Rebuild NURBS...	Model > 3D Power Pack	X	X	X	X	X	X	X
Recalculate	AEC > Irrigation		X					
Recalculate	Landmark > Irrigation				X			
Recent Commands (list of recently used commands)	Edit	X	X	X	X	X	X	X
Recent Commands (list of recently used commands)	Object Context Menu	X	X	X	X	X	X	X
Reconcile Notes...	Text		X	X	X	X	X	X
Record Format Connection...	Tools > Database		X	X	X	X	X	X
Recreate from Source Data	Object Context Menu		X	X	X			
Redo	Edit	X	X	X	X	X	X	X
Referenced Files (list of referenced files in the file)	Window (File name)	X	X	X	X	X	X	X
References	Document Context Menu > Palettes	X	X	X	X	X	X	X
References	Window > Palettes	X	X	X	X	X	X	X
Refresh	File		X	X	X	X	X	X
Refresh Lighting Devices	Document Context Menu		+			X	X	
Refresh Lighting Devices	Object Context Menu					X	X	
Refresh Lighting Devices	Spotlight					X	X	

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Refresh Lighting Devices	Object Context Menu					X	X	
Release...	Modify		X	X	X	X	X	X
Release...	Object Context Menu		X	X	X	X	X	X
Remove [Feature]	Object Context Menu	X	X	X	X	X	X	X
Remove Break	Object Context Menu		X	X	X	X	X	X
Remove Constraints	Object Context Menu	X	X	X	X	X	X	X
Remove Fold(s)	Object Context Menu		X	X	X	X	X	X
Remove from Hanging Position	Object Context Menu		X			X	X	X
Remove From Schematic View	Object Context Menu		X			X	X	X
Remove Object Connection	Tools > Database		X	X	X	X	X	X
Remove Outliers ...	Model > Point Clouds		X	X	X	X	X	X
Remove Saddle	Object Context Menu		X	X	X	X	X	X
Rename Marionette Object	Object Context Menu		X	X	X	X	X	X
Rename Truss System	Object Context Menu		X			X	X	X
Render	Document Context Menu > Palettes	X	X	X	X	X	X	X
Render	Window > Palettes	X	X	X	X	X	X	X
Render Style White Model	View > Renderworks Style	X	X	X	X	X	X	X
Renumber Devices or Sockets...	ConnectCAD > Drawing		+					X
Repeat Last Command	Document Context Menu	X	X	X	X	X	X	X
Repeat Last Command	Edit	X	X	X	X	X	X	X
Repeat Last Command	Object Context Menu	X	X	X	X	X	X	X
Replace	Object Context Menu	X	X	X	X	X	X	X
Replace Lighting Devices...	Spotlight		+			X	X	
Replace Plant Style	Object Context Menu		X		X			
Replace Truss Type...	Spotlight > Rigging		+			X	X	
Replace Truss...	Spotlight > Rigging		+			X	X	
Replace with Stock Symbols...	Spotlight > Object Conversion		+			X	X	
Replace with Symbol...	Modify > Convert		X	X	X	X	X	X
Reset All Plug-Ins	Tools > Utilities		X	X	X	X	X	X
Reset Braceworks IDs	Braceworks		+				X	
Reset Object Position	Object Context Menu		X			X	X	X
Reset to Default Mapping	Object Context Menu	X	X	X	X	X	X	X
Resource Manager	Document Context Menu > Palettes	X	X	X	X	X	X	X
Resource Manager	Window > Palettes	X	X	X	X	X	X	X
Restore Redline	Text > Redlines		X	X	X	X	X	X
Reverse Direction	Object Context Menu		X	X	X			
Revert	File		X	X	X	X	X	X

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Revert To Saved	File	X	X	X	X	X	X	X
Revolve with Rail	Model > 3D Power Pack	X	X	X	X	X	X	X
Right	View > Standard Views	X	X	X	X	X	X	X
Right	Text > Alignment	X	X	X	X	X	X	X
Right Isometric	View > Standard Views	X	X	X	X	X	X	X
Right Rear Iso	View > Standard Views	X	X	X	X	X	X	X
Roof Face...	AEC		X	X				
Roof Face...	Landmark > Architectural				X			
Roof Face...	Spotlight > Architectural					X	X	
Roof Framer...	AEC > Framing		X	X				
Rotate (slab drainage valley)	Object Context Menu		X	X	X	X	X	X
Rotate 3D View...	View	X	X	X	X	X	X	X
Rotate 3D...	Modify > Rotate	X	X	X	X	X	X	X
Rotate 3D...	Object Context Menu > Rotate	X	X	X	X	X	X	X
Rotate About X' Left 90°	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Rotate About X' Left 90°	Modify > Working Plane	X	X	X	X	X	X	X
Rotate About X' Right 90°	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Rotate About X' Right 90°	Modify > Working Plane	X	X	X	X	X	X	X
Rotate About Y' Left 90°	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Rotate About Y' Left 90°	Modify > Working Plane	X	X	X	X	X	X	X
Rotate About Y' Right 90°	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Rotate About Y' Right 90°	Modify > Working Plane	X	X	X	X	X	X	X
Rotate About Z' Left 90°	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Rotate About Z' Left 90°	Modify > Working Plane	X	X	X	X	X	X	X
Rotate About Z' Right 90°	Document Context Menu > Working Plane	F	D	A	L	S	B	C
Rotate About Z' Right 90°	Modify > Working Plane	X	X	X	X	X	X	X
Rotate Each Left 90°	Modify > Rotate	X	X	X	X	X	X	X
Rotate Each Left 90°	Object Context Menu > Rotate	X	X	X	X	X	X	X
Rotate Each Right 90°	Modify > Rotate	X	X	X	X	X	X	X
Rotate Each Right 90°	Object Context Menu > Rotate	X	X	X	X	X	X	X
Rotate Left 90°	Modify > Rotate	X	X	X	X	X	X	X
Rotate Left 90°	Object Context Menu > Rotate	X	X	X	X	X	X	X
Rotate Plan	View		X	X	X	X	X	X
Rotate Right 90°	Modify > Rotate	X	X	X	X	X	X	X
Rotate Right 90°	Object Context Menu > Rotate	X	X	X	X	X	X	X
Rotate Texture by 90°	Object Context Menu	X	X	X	X	X	X	X
Rotate...	Modify > Rotate	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Command	Path	F	D	A	L	S	B	C
Rotate...	Object Context Menu > Rotate	X	X	X	X	X	X	X
Run Marionette Script	Object Context Menu		X	X	X	X	X	X
Run Project Sharing Metadata Diagnostics...	Tools > Utilities		X	X	X	X	X	
Run Script...	Tools > Plug-ins	X	X	X	X	X	X	X
Save	File	X	X	X	X	X	X	X
Save A Copy As...	File	X	X	X	X	X	X	X
Save and Commit...	File		X	X	X	X	X	X
Save As Template...	File	X	X	X	X	X	X	X
Save As...	File	X	X	X	X	X	X	X
Save Marionette Script as Python Script	Object Context Menu		X	X	X	X	X	X
Save Palette Positions	Window > Palettes	X	X	X	X	X	X	X
Save View...	View	X	X	X	X	X	X	X
Save Working Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Save Working Plane	Modify > Working Plane	X	X	X	X	X	X	X
Saved Views	Document Context Menu > Palettes	X	X	X	X	X	X	X
Saved Views	Window > Palettes	X	X	X	X	X	X	X
Scale Influence Lines...	Braceworks		+				X	
Scale Objects...	Modify	X	X	X	X	X	X	X
Script Options...	Tools > Plug-ins	X	X	X	X	X	X	X
Script Palettes (list of script palettes in the file)	Window (File name)	X	X	X	X	X	X	X
Search Knowledgebase	Help	X	X	X	X	X	X	X
Section Solids...	Model	X	X	X	X	X	X	X
Select All	Document Context Menu	X	X	X	X	X	X	X
Select All	Edit	X	X	X	X	X	X	X
Select Coincident Objects...	Object Context Menu	X	X	X	X	X	X	X
Select Components with Warnings	AEC > Irrigation		X					
Select Components with Warnings	Landmark > Irrigation				X			
Select Connected Components	AEC > Irrigation		X					
Select Connected Components	Landmark > Irrigation				X			
Select Connected Objects	Edit	X	X	X	X	X	X	X
Select Edge Loop	Object Context Menu	X	X	X	X	X	X	X
Select Focused Lighting Devices	Object Context Menu		X			X		
Select Grid Sequence	Object Context Menu		X	X	X	X	X	X
Select Guides	Modify > Guides	X	X	X	X	X	X	X
Select Hoists Origin	Object Context Menu		X		X			
Select Marionette Network	Object Context Menu		X	X	X	X	X	X
Select Objects of Same Cross Section	Object Context Menu		X			X	X	X

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Select Objects of Same Symbol	Object Context Menu		X			X	X	X
Select Rigging Object	Object Context Menu		X			X	X	X
Select System Objects	Object Context Menu		X			X	X	X
Select Vertex in OIP	Object Context Menu	X	X	X	X	X	X	X
Select Vision Video Source...	Spotlight > Visualization		+			X	X	
Select Working Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X
Select Working Plane	Edit	X	X	X	X	X	X	X
Select Working Plane	Modify > Working Plane	X	X	X	X	X	X	X
Send Backward	Modify > Send	X	X	X	X	X	X	X
Send Backward	Object Context Menu > Send	X	X	X	X	X	X	X
Send Design to AutoTURN Online...	AEC > AutoTURN Online		X	X				
Send Design to AutoTURN Online...	Landmark > AutoTURN Online				X			
Send Design to AutoTURN Online...	Spotlight > AutoTURN Online					X	X	
Send Forward	Modify > Send	X	X	X	X	X	X	X
Send Forward	Object Context Menu > Send	X	X	X	X	X	X	X
Send to Back	Modify > Send	X	X	X	X	X	X	X
Send to Back	Object Context Menu > Send	X	X	X	X	X	X	X
Send to Cinema 4D (3D only)...	File	X	X	X	X	X	X	X
Send to Front	Modify > Send	X	X	X	X	X	X	X
Send to Front	Object Context Menu > Send	X	X	X	X	X	X	X
Send to Surface	AEC > Terrain		X	X				
Send to Surface	Landmark				X			
Send to Surface	Object Context Menu				X			
SendtoVision	File		+			X	X	X
Services (standard Mac menu)	Vectorworks	X	X	X	X	X	X	X
Set 3D View	View	X	X	X	X	X	X	X
Set Custom Perspective...	View > Projection	X	X	X	X	X	X	X
Set Default Symbol Class...	Tools > Utilities		X	X	X			
Set Light to View	Object Context Menu	X	X	X	X	X	X	X
Set Lighting Options...	View	X	X	X	X	X	X	X
Set Position	Object Context Menu	X	X	X	X	X	X	X
Set Renderworks Background...	View		X	X	X	X	X	X
Set Size...	Text > Size	X	X	X	X	X	X	X
Set Spotlight Rendering Options...	Spotlight > Visualization		+			X	X	
Set Sun Position...	View	X	+	+	+	+	+	+
Set View to Light	Object Context Menu	X	X	X	X	X	X	X
Set Working Plane	Document Context Menu > Working Plane	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system   **26**

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Set Working Plane	Modify > Working Plane	X	X	X	X	X	X	X
Settings...	Cloud	X	X	X	X	X	X	X
Shaded	View > Rendering	X	X	X	X	X	X	X
Shaded Options...	View > Rendering	X	X	X	X	X	X	X
Shaded Polygon	View > Rendering	X	X	X	X	X	X	X
Shaded Polygon No Lines	View > Rendering	X	X	X	X	X	X	X
Shadow (Mac only)	Text > Font Style	X	X	X	X	X	X	X
Shaft Analysis...	AEC > Machine Design		X	X				
Shaft Analysis...	Landmark > Machine Design				X			
Shaft Analysis...	Spotlight > Machine Design					X	X	
Shape	Document Context Menu > Palettes	X	X	X	X	X	X	X
Shape	Window > Palettes	X	X	X	X	X	X	X
Sheet Layers	Document Context Menu > Palettes	X	X	X	X	X	X	X
Sheet Layers	Window > Palettes	X	X	X	X	X	X	X
Show (property line object)	Object Context Menu		X	X	X			
Show All (Mac only)	Vectorworks	X	X	X	X	X	X	X
Show Document Tabs	Window	X	X	X	X	X	X	X
Show Document Tabs	Window	X	X	X	X	X	X	X
Show floating data bar above SmartCursor cues	Window > Data Bar Options	X	X	X	X	X	X	X
Show floating data bar after datum creation	Window > Data Bar Options	X	X	X	X	X	X	X
Show floating data bar below SmartCursor cues	Window > Data Bar Options	X	X	X	X	X	X	X
Show Grids (title block border)	Object Context Menu	X	X	X	X	X	X	X
Show Guides	Modify > Guides	X	X	X	X	X	X	X
Show Jump	Object Context Menu		X		X			
Show objects using actual colors	View > Project Sharing Options		X	X	X	X	X	X
Show only primary fields on data bar	Window > Data Bar Options	X	X	X	X	X	X	X
Show or Hide Constraints	View > Show	X	X	X	X	X	X	X
Show or Hide Details...	ConnectCAD > Drawing		+					X
Show or Hide Plant Details	View > Show		X		X			
Show or Hide Power Planning Palette	Spotlight > Cables and Power Planning		+			X	X	
Show or Hide Redlines	Text > Redlines		X	X	X	X	X	X
Show or Hide Site Modifiers	View > Show		X		X			
Show Others	Document Context Menu > Class Options	X	X	X	X	X	X	X
Show Others	View > Class Options	X	X	X	X	X	X	X
Show Others	Document Context Menu > Layer Options	X	X	X	X	X	X	X
Show Others	View > Layer Options	X	X	X	X	X	X	X
Show primary and secondary fields on data bar	Window > Data Bar Options	X	X	X	X	X	X	X

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Show primary, secondary, and cursor location fields on data bar	Window > Data Bar Options	X	X	X	X	X	X	X
Show Results...	AEC > Energos		X	X				
Show Warning Icons	AEC > Irrigation		X					
Show Warning Icons	Landmark > Irrigation				X			
Show/Snap Others	Document Context Menu > Class Options	X	X	X	X	X	X	X
Show/Snap Others	View > Class Options	X	X	X	X	X	X	X
Show/Snap Others	Document Context Menu > Layer Options	X	X	X	X	X	X	X
Show/Snap Others	View > Layer Options	X	X	X	X	X	X	X
Show/Snap/Modify Others	Document Context Menu > Class Options	X	X	X	X	X	X	X
Show/Snap/Modify Others	View > Class Options	X	X	X	X	X	X	X
Show/Snap/Modify Others	Document Context Menu > Layer Options	X	X	X	X	X	X	X
Show/Snap/Modify Others	View > Layer Options	X	X	X	X	X	X	X
Simple Beam Analysis	AEC > Machine Design		X	X				
Simple Beam Analysis	Landmark > Machine Design				X			
Simple Beam Analysis	Spotlight > Machine Design					X	X	
Simple Beam Calculator...	AEC > Framing		X	X				
Simple Beam Calculator...	Landmark > Architectural				X			
Simple Beam Calculator...	Spotlight > Architectural					X	X	
Simple Beam...	AEC > Machine Design		X	X				
Simple Beam...	Landmark > Machine Design				X			
Simple Beam...	Spotlight > Machine Design					X	X	
Simplify 3D Polygons...	AEC > Terrain		X	X				
Simplify 3D Polygons...	Landmark > Create Site Model				X			
Simplify Mesh...	Modify	X	X	X	X	X	X	X
Simplify Polys...	Modify > Drafting Aids	X	X	X	X	X	X	X
Single Space	Text > Spacing	X	X	X	X	X	X	X
Site Model from Boundary...	AEC > Terrain		X	X				
Site Model from Boundary...	Landmark > Create Site Model				X			
Site Model from Source Data...	AEC > Terrain		X	X				
Site Model from Source Data...	Landmark > Create Site Model				X			
Site Model Section...	AEC > Terrain		X	X				
Site Model Section...	Landmark				X			
Size (list of default sizes)	Text	X	X	X	X	X	X	X
Size Pipes...	AEC > Irrigation		X					
Size Pipes...	Landmark > Irrigation				X			
Sketch	View > Rendering		X	X	X	X	X	X

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Sketch Options...	View > Rendering		X	X	X	X	X	X
Smart Options Display	Document Context Menu	X	X	X	X	X	X	X
Smart Options Display	Object Context Menu	X	X	X	X	X	X	X
Smooth all Edges	Object Context Menu	X	X	X	X	X	X	X
Smooth all Vertices	Object Context Menu	X	X	X	X	X	X	X
Solibri Direct...	Tools		X	X	X	X	X	
Solution of Triangles...	AEC > Machine Design		X	X				
Solution of Triangles...	Landmark > Machine Design				X			
Solution of Triangles...	Spotlight > Machine Design					X	X	
Split Dimension	Object Context Menu	X	X	X	X	X	X	X
Split Horizontally	View > Multiple View Panes	X	X	X	X	X	X	X
Split Horizontally	Object Context Menu	X	X	X	X	X	X	X
Split Panels	ConnectCAD > Drawing		+					X
Split Record Format...	Tools > Records	X	X	X	X	X	X	X
Split Vertically	View > Multiple View Panes	X	X	X	X	X	X	X
Split Vertically	Object Context Menu	X	X	X	X	X	X	X
Spotlight	Tools > Workspaces		X			X	X	X
Spotlight Numbering...	ConnectCAD > Drawing		+					X
Spotlight Numbering...	Spotlight					X	X	
Spotlight Preferences...	File > Document Settings		+			X	X	
Spring Calculator...	AEC > Machine Design		X	X				
Spring Calculator...	Landmark > Machine Design				X			
Spring Calculator...	Spotlight > Machine Design					X	X	
Stake Object from 3D Locus...	Modify > Convert		X		X			
Standard Naming...	File > Document Settings		X	X	X			
Start Batch Render...	View > Rendering	X	X	X	X	X	X	X
Station on Polyline...	AEC > Roads		X					
Station on Polyline...	Landmark > Roads				X			
Status...	Cloud	X	X	X	X	X	X	X
Stitch and Trim Surfaces	Model > 3D Power Pack	X	X	X	X	X	X	X
Subscript	Text > Font Style	X	X	X	X	X	X	X
Subtract 3D Object From Slab	AEC		X	X				
Subtract 3D Object From Slab	Landmark > Architectural				X			
Subtract 3D Object From Slab	Spotlight > Architectural					X	X	
Subtract Solids...	Model	X	X	X	X	X	X	X
Superscript	Text > Font Style	X	X	X	X	X	X	X
Swap Lighting Devices	Object Context Menu		X			X	X	

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Sweep...	Model	X	X	X	X	X	X	X
System Check All Objects	Braceworks		+			+	X	
System Check Selection	Braceworks		+			+	X	
Tapered Extrude...	Model	X	X	X	X	X	X	X
Text Along Path...	Text	X	X	X	X	X	X	X
Tile	Window	X	X	X	X	X	X	X
Title Block Manager...	File		X	X	X	X	X	X
Title Caps	Text > Capitalization	X	X	X	X	X	X	X
Toggle Design/Calculated Display	AEC > Irrigation		X					
Toggle Design/Calculated Display	Landmark > Irrigation				X			
Tool Sets	Window > Palettes	X	X	X	X	X	X	X
Top	View > Standard Views	X	X	X	X	X	X	X
Top	Text > Alignment	X	X	X	X	X	X	X
Top Baseline	Text > Alignment	X	X	X	X	X	X	X
Top Level	Modify	X	X	X	X	X	X	X
Top/Plan	View > Standard Views	X	X	X	X	X	X	X
Tour...	Cloud	X	X	X	X	X	X	X
Trace Bitmap...	Modify	X	X	X	X	X	X	X
Trim	Modify	X	X	X	X	X	X	X
Turn On/Off (light object)	Object Context Menu	X	X	X	X	X	X	X
Underline	Text > Font Style	X	X	X	X	X	X	X
Undo	Edit	X	X	X	X	X	X	X
Undock Current Document	Window	X	X	X	X	X	X	X
Unfold Surfaces	Model > 3D Power Pack		X	X	X	X	X	X
Ungroup	Modify	X	X	X	X	X	X	X
Units...	File > Document Settings	X	X	X	X	X	X	X
Unlock	Modify	X	X	X	X	X	X	X
Unlock	Object Context Menu	X	X	X	X	X	X	X
Unrotate 3D Objects	Modify	X	X	X	X	X	X	X
Unshaded Polygon	View > Rendering	X	X	X	X	X	X	X
Unwrap Marionette Network	Object Context Menu		X	X	X	X	X	X
Update	Object Context Menu	X	X	X	X	X	X	X
Update All Schematic Views	Spotlight > Visualization		+			X	X	
Update All Viewports	View	X	X	X	X	X	X	X
Update Class Attributes from Object...	Object Context Menu	X	X	X	X	X	X	X
Update External Database	Tools > Database		X	X	X	X	X	X
Update Feature Layer	AEC > GIS		X	X				

Vectorworks 2022 product comparison: Commands

Command	Path	F	D	A	L	S	B	C
Update Feature Layer	Landmark > GIS				X			
Update Feature Layer	Spotlight > GIS					X	X	
Update Layer from Feature Service	AEC > GIS		X	X				
Update Layer from Feature Service	Landmark > GIS				X			
Update Layer from Feature Service	Spotlight > GIS					X	X	
Update Plant Data	AEC > Plants		X					
Update Plant Data	Landmark				X			
Update Plug-in Objects	Tools > Utilities	X	X	X	X	X	X	X
Update Selected Viewports	View	X	X	X	X	X	X	X
Update Settings...	Tools > Database		X	X	X	X	X	X
Update Spaces...	AEC > Space Planning		X	X	+	+		
Update Truss Magnets...	Tools > Utilities		+			X	X	
Update Vectorworks Document	Tools > Database		X	X	X	X	X	X
Update Vectorworks Plant Styles	AEC > Plants		X					
Update Vectorworks Plant Styles	Landmark				X			
UPPER CASE	Text > Capitalization	X	X	X	X	X	X	X
Use Application Window	Window	X	X	X	X	X	X	X
Use floating data bar	Window > Data Bar Options	X	X	X	X	X	X	X
Use floating data bar only when tab key is pressed	Window > Data Bar Options	X	X	X	X	X	X	X
Use Full Screen	Window	X	X	X	X	X	X	X
Use large exit group button	Window > Edit Group Options	X	X	X	X	X	X	X
Use Same Visibilities in All Panes	View > Multiple View Panes	X	X	X	X	X	X	X
Use Same Visibilities in All Panes	Object Context Menu	X	X	X	X	X	X	X
Use small exit group button	Window > Edit Group Options	X	X	X	X	X	X	X
User Origin...	Tools > Origin	X	X	X	X	X	X	X
Validate 3D Data	AEC > Terrain		X	X				
Validate 3D Data	Landmark > Create Site Model				X			
Vectorworks Cloud Services	Help	X	X	X	X	X	X	X
Vectorworks Help	Help	X	X	X	X	X	X	X
Vectorworks Preferences...	Tools > Options	X	X	X	X	X	X	X
Vectorworks Remote...	Tools > Utilities	X	X	X	X	X	X	X
Vegetation Line...	AEC > Plants		X					
Vegetation Line...	Landmark				X			
Viewports	Document Context Menu > Palettes	X	X	X	X	X	X	X
Viewports	Window > Palettes	X	X	X	X	X	X	X
Visualization	Document Context Menu > Palettes	X	X	X	X	X	X	+
Visualization	Window > Palettes	X	X	X	X	X	X	+

+ Command can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Commands

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Command	Path	F	D	A	L	S	B	C
Volumetric Properties...	Model	X	X	X	X	X	X	X
Wall Framer...	AEC > Framing		X	X				
What's This?	Help	X	X	X	X	X	X	X
Wide Perspective	View > Projection	X	X	X	X	X	X	X
Wireframe	View > Rendering	X	X	X	X	X	X	X
Wireframe Options...	View > Rendering	X	X	X	X	X	X	X
Working Planes	Document Context Menu > Palettes	X	X	X	X	X	X	X
Working Planes	Window > Palettes	X	X	X	X	X	X	X
Worksheets (list of worksheets in the file)	Window (File name)	X	X	X	X	X	X	X
Workspaces...	Tools > Workspaces	X	X	X	X	X	X	X
Wrap Marionette Network	Object Context Menu		X	X	X	X	X	X
Zone of Visual Influence...	AEC > Terrain		X					
Zone of Visual Influence...	Landmark				X			

Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
2D Locus	Basic	X	X	X	X	X	X	X
2D Polygon	Basic	X	X	X	X	X	X	X
3D Locus	3D Modeling	X	X	X	X	X	X	X
3D Polygon	3D Modeling	X	X	X	X	X	X	X
Acorn Nut (inch)	Fasteners		X	X	X	X	X	
Acorn Nut (inch)-3D	Fasteners		X	X	X	X	X	
Add Survey Points	Geological Survey Edit		X	X	X			
Add Vertex	Surface Sculpting		X	X	X			
Adjacency Matrix	Space Planning		X	X				
Adjacency Score	Space Planning		X	X				
Aisle	Event Design		+			X	X	
Aisle	Furn/Fixtures		X					
Align and Distribute	Lighting		+			X	X	
Align Plane	3D Modeling	X	X	X	X	X	X	X
Analysis	3D Modeling	X	X	X	X	X	X	X
Angle	Detailing	X	X	X	X	X	X	+
Angle - 3D	Detailing		X	X	X	X	X	
Angular Dimension	Dims/Notes	X	X	X	X	X	X	X
Angular Dimension	Basic		X	X	X	X	X	X
Arc	Basic	X	X	X	X	X	X	X
Arc Length Dimension	Dims/Notes	X	X	X	X	X	X	X
Arc Length Dimension	Basic		X	X	X	X	X	X
Attribute Mapping	Basic	X	X	X	X	X	X	X
Attribute Mapping	Visualization	X	X	X	X	X	X	X
Ball Bearing	Machine Components		X	X	X	X	X	
Ball Bearing - 3D	Machine Components		X	X	X	X	X	
Base Cabinet	Furn/Fixtures		X	X	X	X	X	X
Bath-Shower	Furn/Fixtures		X	X				
Batt Insulation	Detailing	X	X	X	X	X	X	+
Bearing Lock Nut	Machine Components		X	X	X	X	X	
Bearing Lock Nut-3D	Machine Components		X	X	X	X	X	
Belleville Spring	Machine Components		X	X	X	X	X	
Belleville Spring-3D	Machine Components		X	X	X	X	X	
Bevel Gears	Machine Components		X	X	X	X	X	
Bevel Gears - 3D	Machine Components		X	X	X	X	X	
BIMobject	Furn/Fixtures		X	X	X			
Blended Screen	Event Design		+			X	X	X

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Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Bolt and Nut - inch	Detailing		X	X				
Bolt and Nut - mm	Detailing		X	X				
Break Line	Dims/Notes	X	X	X	X	X	X	X
Bridge Line	Dims/Notes	X	X	X	X	X	X	X
Bridle	Rigging		+			X	X	
Bulb Flat	Detailing		X	X	X	X	X	
Bulb Flat - 3D	Detailing		X	X	X	X	X	
Cable	Cable Routes		+					X
Cable	Cable Route		+					X
Cable	Lighting					X	X	
Cable Area	Lighting		+			X	X	
Cable Path	Lighting		+			X	X	
Cable Route	Cable Routes		+					X
Cable Route	Cable Route		+					X
Callout	Basic	X	X	X	X	X	X	X
Camera Match Mask	Visualization	X	X	X	X	X	X	X
Camera Match Shadow	Visualization	X	X	X	X	X	X	X
Campanile	Building Shell		+			X	X	X
Campanile	Site Planning		X	X	X			
Carriage Bolt	Detailing		X	X	X	X	X	
Carriage Bolt - 3D	Detailing		X	X	X	X	X	
Ceiling Grid	Furn/Fixtures		X	X				
Ceiling Grid	MEP		X	X				
Center Mark	Dims/Notes	X	X	X	X	X	X	X
Chain Extrude	Building Shell		X	X	X	X	X	X
Chamfer	Basic	X	X	X	X	X	X	X
Chamfer Edge	3D Modeling	X	X	X	X	X	X	X
Channel	Detailing	X	X	X	X	X	X	+
Channel - 3D	Detailing		X	X	X	X	X	
Circle	Basic	X	X	X	X	X	X	X
Circuiting	MEP		X	X				
Clevis Pin (DIN)	Fasteners		X	X	X	X	X	
Clevis Pin (DIN)-3D	Fasteners		X	X	X	X	X	
Clevis Pin (Inch)	Fasteners		X	X	X	X	X	
Clevis Pin (Inch)-3D	Fasteners		X	X	X	X	X	
Clevis Pin (Metric)	Fasteners		X	X	X	X	X	
Clevis Pin (Metric)-3D	Fasteners		X	X	X	X	X	

+ Tool can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Tools

Tool	Tool palette/set	F	D	A	L	S	B	C
Clip	Basic	X	X	X	X	X	X	X
Clothes Rod	Furn/Fixtures		X	X				
Column	Building Shell		X	X	X	X	X	X
Comm Device	MEP		X	X				
Compartment Sink	Furn/Fixtures		X	X				
Component Join	Building Shell		X	X	X	X	X	X
Compression Spring 1	Machine Components		X	X	X	X	X	
Compression Spring 1 - 3D	Machine Components		X	X	X	X	X	
Compression Spring 2	Machine Components		X	X	X	X	X	
Compression Spring 2 - 3D	Machine Components		X	X	X	X	X	
Cone	3D Modeling	X	X	X	X	X	X	X
Conical Comp Spring - 3D	Machine Components		X	X	X	X	X	
Conical Compression Spring	Machine Components		X	X	X	X	X	
Connect	Schematics		+					X
Connect/Combine	Basic	X	X	X	X	X	X	X
Connector Panel	Schematics		+					X
Constrain Angle	Dims/Notes	X	X	X	X	X	X	X
Constrain Coincident	Dims/Notes	X	X	X	X	X	X	X
Constrain Collinear	Dims/Notes	X	X	X	X	X	X	X
Constrain Concentric	Dims/Notes	X	X	X	X	X	X	X
Constrain Distance	Dims/Notes	X	X	X	X	X	X	X
Constrain Horiz Distance	Dims/Notes	X	X	X	X	X	X	X
Constrain Horiz-Vertical	Dims/Notes	X	X	X	X	X	X	X
Constrain Parallel	Dims/Notes	X	X	X	X	X	X	X
Constrain Perpendicular	Dims/Notes	X	X	X	X	X	X	X
Constrain Radius	Dims/Notes	X	X	X	X	X	X	X
Constrain Tangent	Dims/Notes	X	X	X	X	X	X	X
Constrain Vertical Distance	Dims/Notes	X	X	X	X	X	X	X
Constrained Linear Dimension	Dims/Notes	X	X	X	X	X	X	X
Constrained Linear Dimension	Basic		X	X	X	X	X	X
Controller	Irrigation		X		X			
Cotter Pin (Inch)	Fasteners		X	X	X	X	X	
Cotter Pin (Inch) - 3D	Fasteners		X	X	X	X	X	
Counter Top	Furn/Fixtures		X	X				
Create Contours	3D Modeling	X	X	X	X	X	X	X
Curved Truss	Detailing		X					
Curved Truss	Rigging						X	X

Vectorworks 2022 product comparison: Tools

Tool	Tool palette/set	F	D	A	L	S	B	C
Custom Cabinet	Furn/Fixtures		X	X	X	X	X	X
Data Tag	Dims/Notes		X	X	X	X	X	X
Datasmith Direct Link	Visualization	X	X	X	X	X	X	X
Deform	3D Modeling	X	X	X	X	X	X	X
Design Zone	Irrigation		X		X			
Desk	Furn/Fixtures		X	X	X	X	X	X
Detail Callout	Dims/Notes		X	X	X	X	X	X
Detail Cut Wood	Detailing		X	X	X			
Device	Schematics		+					X
Device Builder	Schematics		+					X
Die Spring	Machine Components		X	X	X	X	X	
Die Spring - 3D	Machine Components		X	X	X	X	X	
Dimension Tape	Dims/Notes		+			X	X	X
Distribution Amplifier	Schematics		+					X
Distributor	Lighting		+			X	X	
Door	Building Shell		X	X	X	X	X	X
Double Line	Basic	X	X	X	X	X	X	X
Double-Line Polygon	Basic	X	X	X	X	X	X	X
Dowel Pin (Inch)	Fasteners		X	X	X	X	X	
Dowel Pin (Inch)-3D	Fasteners		X	X	X	X	X	
Drawing Label	Dims/Notes	X	X	X	X	X	X	X
Drilled Footing	Building Shell		X	X				
Drip Outlet	Irrigation		X		X			
Drop Point	Cable Routes		+					X
Drop Point	Cable Route		+					X
Duplicate Symbol in Wall	Building Shell		X	X	X	X	X	X
Edit Circuiting	MEP		X	X				
Edit Curtain Wall	Building Shell		X	X	X	X	X	X
Edit Subdivision	3D Modeling	X	X	X	X	X	X	X
Electrical Component	Lighting		+			X	X	
Elevation Benchmark	Dims/Notes		X	X	X			
Elevator	Building Shell		X	X				
Equipment Item	Layout		+					X
Equipment Rack 2D	Layout		+					X
Equipment Rack 3D	Layout		+					X
Escalator	Building Shell		X	X				
Existing Tree	Site Planning		X		X			

+ Tool can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Tools

Tool	Tool palette/set	F	D	A	L	S	B	C
Extension Spring - 3D	Machine Components		X	X	X	X	X	
Extension Spring - End	Machine Components		X	X	X	X	X	
Extension Spring - Front	Machine Components		X	X	X	X	X	
External	Schematics		+					X
Extract	3D Modeling	X	X	X	X	X	X	X
Eye Bolt	Fasteners		X	X	X	X	X	
Eye Bolt - 3D	Fasteners		X	X	X	X	X	
Eyedropper	Basic	X	X	X	X	X	X	X
Fastener	Fasteners		X	X	X	X	X	
Feature Control Frame	Dims/Notes		X	X	X	X	X	X
Fillet	Basic	X	X	X	X	X	X	X
Fillet Edge	3D Modeling	X	X	X	X	X	X	X
Fireplace	Furn/Fixtures		X	X				
Fixed Point Resize	Basic	X	X	X	X	X	X	X
Flanged Bearing - 2 Hole	Machine Components		X	X	X	X	X	
Flanged Bearing - 2 Hole-3D	Machine Components		X	X	X	X	X	
Flanged Bearing - 4 Hole	Machine Components		X	X	X	X	X	
Flanged Bearing - 4 Hole-3D	Machine Components		X	X	X	X	X	
Flyover	3D Modeling	X	X	X	X	X	X	X
Flyover	Basic	X	X	X	X	X	X	X
Flyover	Visualization	X	X	X	X	X	X	X
Focus Lighting Devices Along Path	Lighting		+			X	X	
Focus Point	Lighting		+			X	X	
Foliage	Site Planning		X					
Foliage	Visualization				X			
Framing Member	Detailing		X	X	X			
Freehand	Basic	X	X	X	X	X	X	X
Ganging	Lighting		+			X	X	
General Notes	Dims/Notes		X	X	X	X	X	X
Geoimage	Event Design		+			X	X	
Geoimage	GIS		X	X	X			
Geolocate	Event Design		+			X	X	
Geolocate	GIS		X	X	X			
Geom Dim and Tol Note	Dims/Notes		X	X	X	X	X	X
GIS Stake	GIS		X	X	X			
Grab Bars	Furn/Fixtures		X	X				
Grade	Building Shell		+	X		X	X	X

+ Tool can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Grade	Site Planning		X		X			
Graticule	GIS		X	X	X			
Great Circle	GIS		X	X	X			
Grid - Polar	Dims/Notes	X	X	X	X	X	X	X
Grid - Rectangular	Dims/Notes	X	X	X	X	X	X	X
Grid Line	Building Shell		X	X	X	X	X	X
Grid Line	Dims/Notes		X	X	X	X	X	X
Guardrail (Curved)	Site Planning		X	X	X			
Guardrail (Straight)	Site Planning		X	X	X			
Hanging Position	Lighting		+			X	X	
Hardscape	Site Planning		X	X	X			
Heliodon	Visualization		X	X	X	X	X	X
Hemisphere	3D Modeling	X	X	X	X	X	X	X
Hex Cap Nut (DIN)	Fasteners		X	X	X	X	X	
Hex Cap Nut (DIN)-3D	Fasteners		X	X	X	X	X	
Hoist	Rigging		+			X	X	
Hoist Origin	Rigging		+			X	X	
Hole - Drilled	Detailing		X	X	X	X	X	
Hole - Drilled - 3D	Detailing		X	X	X	X	X	
Hole - Tapped (Inch)	Detailing		X	X	X	X	X	
Hole - Tapped (Inch)-3D	Detailing		X	X	X	X	X	
Hole - Tapped (Metric)	Detailing		X	X	X	X	X	
Hole - Tapped (Metric)-3D	Detailing		X	X	X	X	X	
Hole Pattern	Detailing		X	X	X	X	X	
HopOver	Schematics		+					X
House Rigging Point	Rigging		+			X	X	
Hub - 3D	Machine Components		X	X	X	X	X	
HVAC Damper	MEP		X	X				
HVAC Diffuser	MEP		X	X				
HVAC Elbow Duct	MEP		X	X				
HVAC Flex Duct	MEP		X	X				
HVAC Outlet	MEP		X	X				
HVAC Splitter	MEP		X	X				
HVAC Straight Duct	MEP		X	X				
HVAC Transition	MEP		X	X				
HVAC Vertical Duct	MEP		X	X				
HVAC Vertical Elbow	MEP		X	X				

+ Tool can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Hydrozone	Irrigation		X		X			
Hyperlink	Dims/Notes	X	X	X	X	X	X	X
I-Beam	Detailing	X	X	X	X	X	X	+
I-Beam - 3D	Detailing		X	X	X	X	X	
Incandescent Fixture	MEP		X	X				
Insert Connection	Rigging		+			X	X	
Instrument Summary	Lighting		+			X	X	
Interior Elevation Marker	Dims/Notes	X	X	X	X	X	X	X
J-Bolt	Fasteners		X	X	X	X	X	
J-Bolt - 3D	Fasteners		X	X	X	X	X	
Jackfield	Schematics		+					X
Key	Machine Components		X	X	X	X	X	
Key-3D	Machine Components		X	X	X	X	X	
Keyway	Detailing		X	X	X	X	X	
Knurled Thumb Nut (DIN)	Fasteners		X	X	X	X	X	
Knurled Thumb Nut (DIN)-3D	Fasteners		X	X	X	X	X	
Knurled Thumb Nut (Inch)	Fasteners		X	X	X	X	X	
Knurled Thumb Nut (Inch)-3D	Fasteners		X	X	X	X	X	
Lag Screw	Detailing		X	X	X	X	X	
Lag Screw - 3D	Detailing		X	X	X	X	X	
Landscape Area	Site Planning		X		X			
Layout Room	Layout		+					X
Leader Line	Basic		X	X	X	X	X	X
Leader Line Simple	Basic	X	+	+	+	+	+	+
LED Screen	Event Design		+			X	X	X
Legend	Schematics		+					X
Light	Visualization	X	X	X	X	X	X	X
Lighting Accessory	Lighting		+			X	X	
Lighting Device	Event Design		+					X
Lighting Device	Lighting					X	X	
Lighting Pipe	Rigging		+			X	X	
Lighting Pipe Ladder	Rigging		+			X	X	
Line	Basic	X	X	X	X	X	X	X
Linear Material	Detailing		X	X	X			
Linked Jackfield	Schematics		+					X
Loft Surface	3D Modeling	X	X	X	X	X	X	X
Magnet	Rigging		+			X	X	

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Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Manage Loads	Rigging		+			X	X	
Marionette	Basic		X	X	X	X	X	X
Massing Model	Site Planning		X	X	X			
Mirror	Basic	X	X	X	X	X	X	X
Mother Grid	Rigging		+			X	X	
Move by Points	Basic	X	X	X	X	X	X	X
Move Page	Basic	X	X	X	X	X	X	X
Mullion	Building Shell		X	X				
Needle Bearing	Machine Components		X	X	X	X	X	
Needle Bearing - 3D	Machine Components		X	X	X	X	X	
North Arrow	Dims/Notes		X	X	X	X	X	X
NURBS Curve	3D Modeling	X	X	X	X	X	X	X
Offset	Basic	X	X	X	X	X	X	X
Outlet	Irrigation		X		X			
Oval	Basic	X	X	X	X	X	X	X
Pan	Basic	X	X	X	X	X	X	X
Parallel Pin (DIN)	Fasteners		X	X	X	X	X	
Parallel Pin (DIN)-3D	Fasteners		X	X	X	X	X	
Parking Along Path	Site Planning		X		X			
Parking Area	Site Planning		X		X			
Parking Spaces	Building Shell		+			X	X	X
Parking Spaces	Site Planning		X	X	X			
Photometer	Lighting		+			X	X	
Photometric Grid	Lighting		+			X	X	
Pilaster	Building Shell		X	X				
Pillow Block	Machine Components		X	X	X	X	X	
Pillow Block - 3D	Machine Components		X	X	X	X	X	
Pipe	Irrigation		X		X			
Pipe Fitting	Detailing		X	X				
Piping	MEP		X	X				
Piping Connection	MEP		X	X				
Piping Run	MEP		X	X				
Plant	Site Planning		X		X			
Point of Connection	Irrigation		X		X			
Polyline	Basic	X	X	X	X	X	X	X
Project	3D Modeling	X	X	X	X	X	X	X
Property Line	Site Planning		X	X	X			

Vectorworks 2022 product comparison: Tools

Tool	Tool palette/set	F	D	A	L	S	B	C
Protractor	Dims/Notes	X	X	X	X	X	X	X
Protractor	Basic		X	X	X	X	X	X
Pulley	Machine Components		X	X	X	X	X	
Pulley - 3D	Machine Components		X	X	X	X	X	
Push/Pull	3D Modeling	X	X	X	X	X	X	X
Quarter Arc	Basic	X	X	X	X	X	X	X
Query Cable Route Segment	Cable Routes		+					X
Query Cable Route Segment	Cable Route		+					X
Rack Frame	Layout		+					X
Rack Ruler	Layout		+					X
Radial Dimension	Dims/Notes	X	X	X	X	X	X	X
Radial Dimension	Basic		X	X	X	X	X	X
Railing/Fence	Event Design		+			X	X	
Railing/Fence	Furn/Fixtures		X	X	X			
Railing/Fence	Site Planning		X		X			
Railing/Fence Join	Event Design		+			X	X	
Railing/Fence Join	Furn/Fixtures		X	X	X			
Railing/Fence Join	Site Planning		X		X			
Ramp	Building Shell		X	X	X	X	X	X
Receptacle	MEP		X	X				
Rectangle	Basic	X	X	X	X	X	X	X
Rectangular Tubing	Detailing	X	X	X	X	X	X	+
Rectangular Tubing - 3D	Detailing		X	X	X	X	X	
Redline	Dims/Notes		X	X	X	X	X	X
Reference Marker	Dims/Notes	X	X	X	X	X	X	X
Regular Polygon	Basic	X	X	X	X	X	X	X
Remove Wall Breaks	Building Shell		X	X	X	X	X	X
Render Bitmap	Visualization	X	X	X	X	X	X	X
RenderMall Plant	Visualization	X	X	X	X	X	X	X
Renderworks Camera	Visualization	X	X	X	X	X	X	X
Repetitive Unit	Detailing		X	X	X			
ReRoute Circuits	Schematics		+					X
Reshape	Schematics		+					X
Reshape	Basic	X	X	X	X	X	X	X
Retaining Ring (ASME)	Fasteners		X	X	X	X	X	
Retaining Ring (ASME)-3D	Fasteners		X	X	X	X	X	
Retaining Ring (DIN)	Fasteners		X	X	X	X	X	

Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Retaining Ring (DIN)-3D	Fasteners		X	X	X	X	X	
Retaining Washer (DIN)	Fasteners		X	X	X	X	X	
Retaining Washer (DIN)-3D	Fasteners		X	X	X	X	X	
Revision Cloud	Dims/Notes	X	X	X	X	X	X	X
Rigging Load	Rigging		+			X	X	
Rivet (DIN)	Fasteners		X	X	X	X	X	
Rivet (DIN) - 3D	Fasteners		X	X	X	X	X	
Rivet - Large (Inch)	Fasteners		X	X	X	X	X	
Rivet - Large (Inch)-3D	Fasteners		X	X	X	X	X	
Rivet - Small (Inch)	Fasteners		X	X	X	X	X	
Rivet - Small (Inch)-3D	Fasteners		X	X	X	X	X	
Roadway (Curved)	Site Planning		X	X	X			
Roadway (Custom Curb)	Site Planning		X	X	X			
Roadway (NURBS)	Site Planning		X	X	X			
Roadway (Poly)	Site Planning		X	X	X			
Roadway (Straight)	Site Planning		X	X	X			
Roadway (Tee)	Site Planning		X	X	X			
Roller Bearing	Machine Components		X	X	X	X	X	
Roller Bearing - 3D	Machine Components		X	X	X	X	X	
Roller Chain - Circular	Machine Components		X	X	X	X	X	
Roller Chain - Circular-3D	Machine Components		X	X	X	X	X	
Roller Chain - Linear	Machine Components		X	X	X	X	X	
Roller Chain - Linear-3D	Machine Components		X	X	X	X	X	
Roller Chain - Offset Link	Machine Components		X	X	X	X	X	
Roller Chain-Offset Link-3D	Machine Components		X	X	X	X	X	
Room Name Simple	Dims/Notes	X	X	X	X	X	X	X
Rope and Stanchion	Event Design		+			X	X	
Rotate	Basic	X	X	X	X	X	X	X
Rotate View	Visualization	X	X	X	X	X	X	X
Round Tubing	Detailing	X	X	X	X	X	X	+
Round Tubing - 3D	Detailing		X	X	X	X	X	
Round Wall	Building Shell		X	X	X	X	X	X
Round Wall	Site Planning		X		X			
Rounded Rectangle	Basic	X	X	X	X	X	X	X
Scale Bar	Dims/Notes	X	X	X	X	X	X	X
Screw Threads	Detailing		X	X	X	X	X	
Sculptor	Surface Sculpting		X	X	X			

+ Tool can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Seating Section	Event Design		+			X	X	
Seating Section	Furn/Fixtures		X	X				
Section-Elevation Line	Dims/Notes	X	X	X	X	X	X	X
Select Similar	Basic		X	X	X	X	X	X
Selection	Basic	X	X	X	X	X	X	X
Set Working Plane	3D Modeling	X	X	X	X	X	X	X
Set Working Plane	Cable Routes							X
Set Working Plane	Cable Route							X
Shaft	Machine Components		X	X	X	X	X	
Shaft - 3D	Machine Components		X	X	X	X	X	
Shaft Break	Detailing	X	X	X	X	X	X	+
Shaft Break 2	Detailing		X	X	X	X	X	
Shear	Basic	X	X	X	X	X	X	X
Sheet Metal Screw	Detailing		X	X	X	X	X	
Sheet Metal Screw - 3D	Detailing		X	X	X	X	X	
Shell Solid	3D Modeling	X	X	X	X	X	X	X
Shelving Unit	Furn/Fixtures		X	X	X	X	X	X
Simple Stair	Building Shell		+	+	X	X	X	X
Site Model Contour	Contour Edit		X	X	X			
Site Modifiers	Site Planning		X	X	X			
Slab	Building Shell		X	X	X	X	X	X
Slab Drainage	Building Shell		X	X	X	X	X	X
Slope Dimension	Dims/Notes		X	X	X			
Slot	Detailing	X	X	X	X	X	X	+
Socket	Schematics		+					X
Socket Loop	Schematics		+					X
Soft Goods	Detailing		X					
Soft Goods	Event Design					X	X	
Space	Building Shell		X	X	+	+		
Space	Space Planning		X	X	+	+		
Space Link	Space Planning		X	X				
Speaker	Event Design		+			X	X	X
Speaker Array	Event Design		+			X	X	X
Sphere	3D Modeling	X	X	X	X	X	X	X
Spiral	Basic	X	X	X	X	X	X	X
Split	Basic	X	X	X	X	X	X	X
Sprocket	Machine Components		X	X	X	X	X	

Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Sprocket - 3D	Machine Components		X	X	X	X	X	
Spur Gear	Machine Components		X	X	X	X	X	
Spur Gear Rack	Machine Components		X	X	X	X	X	
Spur Gear Rack - 3D	Machine Components		X	X	X	X	X	
Spur Gear-3D	Machine Components		X	X	X	X	X	
Square Tubing	Detailing	X	X	X	X	X	X	+
Square Tubing - 3D	Detailing		X	X	X	X	X	
Stacking Diagram	Space Planning		X	X				
Stage Deck	Event Design		+			X	X	
Stage Lift	Rigging		+			X	X	
Stage Plug	Event Design		+			X	X	
Stage Ramp	Event Design		+			X	X	
Stage Steps	Event Design		+			X	X	
Stair	Building Shell		X	X	X	+		
Stake	Site Planning		X	X	X			
Stipple	Dims/Notes		X	X	X	X	X	X
Straight Truss	Detailing		X					
Straight Truss	Rigging					X	X	
Structural Member	Building Shell		X	X				
Structural Member	Rigging					X	X	
Swale/Berm	Surface Sculpting		X	X	X			
Swing Bolt	Fasteners		X	X	X	X	X	
Swing Bolt - 3D	Fasteners		X	X	X	X	X	
Swing Eye Bolt	Fasteners		X	X	X	X	X	
Swing Eye Bolt - 3D	Fasteners		X	X	X	X	X	
Switch	MEP		X	X				
Symbol Insertion	Basic	X	X	X	X	X	X	X
Symmetry Label	Dims/Notes	X	X	X	X	X	X	X
System Component	Irrigation		X		X			
T-Bolt	Fasteners		X	X	X	X	X	
T-Bolt - 3D	Fasteners		X	X	X	X	X	
Table and Chairs	Furn/Fixtures		X	X	X	X	X	X
Tag/Label	Irrigation		X		X			
Tape Measure	Dims/Notes	X	X	X	X	X	X	X
Tape Measure	Basic		X	X	X	X	X	X
Taper Face	3D Modeling	X	X	X	X	X	X	X
Taper Pin (DIN)	Fasteners		X	X	X	X	X	

+ Tool can be added to the workspace; see the Workspace Editor section in the Vectorworks help system   **44**

Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Taper Pin (DIN)-3D	Fasteners		X	X	X	X	X	
Taper Pin (Inch)	Fasteners		X	X	X	X	X	
Taper Pin (Inch)-3D	Fasteners		X	X	X	X	X	
Tapered Roller Bearing	Machine Components		X	X	X	X	X	
Tapered Roller Bearing - 3D	Machine Components		X	X	X	X	X	
Tee	Detailing	X	X	X	X	X	X	+
Tee - 3D	Detailing		X	X	X	X	X	
Television	Event Design		+			X	X	X
Term Panel	Schematics		+					X
Terminator	Schematics		+					X
Text	Basic	X	X	X	X	X	X	X
Texture	Basic	X	X	X	X	X	X	X
Thrust Bearing	Machine Components		X	X	X	X	X	
Thrust Bearing - 3D	Machine Components		X	X	X	X	X	
Thumb Screw (Inch)	Fasteners		X	X	X	X	X	
Thumb Screw (Inch) - 3D	Fasteners		X	X	X	X	X	
Title Block Border	Dims/Notes	X	X	X	X	X	X	X
Toilet Stall	Furn/Fixtures		X	X				
Torsion Spring - 3D	Machine Components		X	X	X	X	X	
Torsion Spring - End	Machine Components		X	X	X	X	X	
Torsion Spring - Front	Machine Components		X	X	X	X	X	
Translate View	Visualization	X	X	X	X	X	X	X
Triangle	Basic	X	X	X	X	X	X	X
Trim	Basic	X	X	X	X	X	X	X
Truss	Rigging		+			X	X	
Tubular Rivet (DIN)	Fasteners		X	X	X	X	X	
Tubular Rivet (DIN) - 3D	Fasteners		X	X	X	X	X	
U-Bolt	Fasteners		X	X	X	X	X	
U-Bolt - 3D	Fasteners		X	X	X	X	X	
Unconstrained Linear Dimension	Dims/Notes	X	X	X	X	X	X	X
Unconstrained Linear Dimension	Basic		X	X	X	X	X	X
Utility Cabinet	Furn/Fixtures		X	X	X	X	X	X
Valve	Irrigation		X		X			
Video Camera	Event Design		+			X	X	X
Video Camera	Visualization					X	X	X
Video Screen	Event Design		+			X	X	X
Visibility	Basic		X	X	X	X	X	X

+ Tool can be added to the workspace; see the Workspace Editor section in the Vectorworks help system

Vectorworks 2022 product comparison: Tools

Tool	Tool palette/set	F	D	A	L	S	B	C
Walkthrough	Visualization	X	X	X	X	X	X	X
Wall	Building Shell		X	X	X	X	X	X
Wall	Site Planning		X		X			
Wall Cabinet	Furn/Fixtures		X	X	X	X	X	X
Wall End Cap	Building Shell		X	X	X	X	X	X
Wall Join	Building Shell		X	X	X	X	X	X
Wall Join	Site Planning		X		X			
Welding Sym-Fillet (AWS)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Fillet (ISO)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Flange (AWS)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Flange (ISO)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Groove (AWS)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Groove (ISO)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Misc (AWS)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Misc (ISO)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Slot-Plug (AWS)	Dims/Notes		X	X	X	X	X	X
Welding Sym-Slot-Plug (ISO)	Dims/Notes		X	X	X	X	X	X
Wide Flange	Detailing	X	X	X	X	X	X	+
Wide Flange - 3D	Detailing		X	X	X	X	X	
Window	Building Shell		X	X	X	X	X	X
Wing Nut (DIN)	Fasteners		X	X	X	X	X	
Wing Nut (DIN)-3D	Fasteners		X	X	X	X	X	
Wing Nut - Type A (Inch)	Fasteners		X	X	X	X	X	
Wing Nut - Type A (Inch)-3D	Fasteners		X	X	X	X	X	
Wing Nut - Type B (Inch)	Fasteners		X	X	X	X	X	
Wing Nut - Type B (Inch)-3D	Fasteners		X	X	X	X	X	
Wing Nut - Type C (inch)	Fasteners		X	X	X	X	X	
Wing Nut - Type C (inch)-3D	Fasteners		X	X	X	X	X	
Wing Nut - Type D (inch)	Fasteners		X	X	X	X	X	
Wing Nut - Type D (inch)-3D	Fasteners		X	X	X	X	X	
Wood Screw	Detailing		X	X	X	X	X	
Wood Screw - 3D	Detailing		X	X	X	X	X	
Woodruff Key	Machine Components		X	X	X	X	X	
Woodruff Key-3D	Machine Components		X	X	X	X	X	
Workstation Counter	Furn/Fixtures		X	X	X	X	X	X
Workstation Overhead	Furn/Fixtures		X	X	X	X	X	X
Workstation Panel	Furn/Fixtures		X	X	X	X	X	X

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Vectorworks 2022 product comparison: Tools

(F: Fundamentals, D: Design Suite, A: Architect, L: Landmark, S: Spotlight, B: Braceworks, C: ConnectCAD)

Tool	Tool palette/set	F	D	A	L	S	B	C
Workstation Pedestal	Furn/Fixtures		X	X	X	X	X	X
Worm	Machine Components		X	X	X	X	X	
Worm - 3D	Machine Components		X	X	X	X	X	
Worm Gear	Machine Components		X	X	X	X	X	
Worm Gear - 3D	Machine Components		X	X	X	X	X	
Z-Section	Detailing		X	X	X	X	X	
Z-Section - 3D	Detailing		X	X	X	X	X	
Zoom	Basic	X	X	X	X	X	X	X