Compare ZWCAD Versions

		Standard	Professional	MFG
Compatibility	DWG, DWF, DWFx, DWT, DWS, DXF Import and Export	✓	✓	✓
	PDF, DGN Import and Export	✓	✓	✓
	IFC Import	✓	✓	✓
	STEP Import	✗	✓	✓
	AutoCAD® Mechanical Compatibility	✗	✗	✓
Interface and Interaction	Classic and Ribbon Interfaces	✓	✓	✓
	Customize User Interface (CUI)	✓	✓	✓
	Floating Document Tab	✓	✓	✓
	Tool Palettes, Properties Palette, Design Center	✓	✓	✓
Drafting	2D Drawing Tools (Line, Circle, Rectangle, etc.)	✓	✓	✓
	2D Editing Tools (Move, Copy, Trim, etc.)	✓	✓	✓
	2D Annotation Tools (Dimension, Text, Leader, Table, etc.)	✓	✓	✓
	Reference Tools (Block, Underlay, Image Attach, etc.)	✓	✓	✓
	Printing and Plotting (Plot, Publish, Export, eTransmit, etc.)	✓	✓	✓
Advanced Features	Parametric Deisgn*	✓	✓	✓
	Smart Match/Similar Search	✗	✓	✓
	Smart Mouse/Voice/Select/Plot	✓	✓	✓
	ZWCAD Toolbox	✓	✓	✓
	Flexiblock	✓	✓	✓
	Drawing View	✗	✓	✓
	Raster to Vector Conversion	✗	✓	✓
	Point Cloud	✗	✓	✓
	GIS	✗	✓	✓
	Area Table	✓	✓	✓
	File Compare	✓	✓	✓
	Sheet Set Manager	✓	✓	✓
3D Modeling	Solid, Mesh and Surface Modeling	✗	✓	✓
	Photorealistic Rendering	✗	✓	✓
	3D Gizmo	✗	✓	✓
	Visual Style	✓	✓	✓
	ViewCube	✗	✓	✓
	3D Orbit	✓	✓	✓
Programming	LISP Routines	✓	✓	✓
	Visual Basic for Applications (VBA)	✗	✓	✓
	Runtime Extension (ZRX/ARX)	✗	✓	✓
	.NET	✗	✓	✓
Mechanical Features	Standard Frame	✗	✗	✓
	Automatic BOM Generation	✗	✗	✓
	Associative Balloon and BOM	✗	✗	✓
	Mechanical Drawing Tools	✗	✗	✓
	Construction Tools	✗	✗	✓
	Power Dimension	✗	✗	✓
	Symbol Dimension	✗	✗	✓
	Technical Requirement Library	✗	✗	✓
	2D View Creation	✗	✗	✓
	2D Hide	✗	✗	✓
	Shaft and Gear Generator	✗	✗	✓
	Pulley and Sprocket Generator	✗	✗	✓
	Moment of Inertia Calculation	✗	✗	✓
	Deflection Calculation	✗	✗	✓
	Part Library	✗	✗	✓
	Product Inplace Manager	✗	✗	✓
	AutoCAD® Mechanical Compatibility	✗	✗	✓

*The Standard version does not support creating new constraints or using parametric features in the Block Editor.
Note: Starting from May 2025, ZWCAD MFG will no longer support the integration of CadProfi.