

PTC Creo® Elements/Direct® Drafting Version Comparison

Each release of PTC Creo Elements/Direct Drafting includes new capabilities to best meet the needs of 2D designers around the world. This table highlights some of the primary product enhancements delivered in each of the last several versions of PTC Creo Elements/Direct Drafting.

PTC Creo Elements/Direct Drafting	14	15	16	17	18	19
Load multiple drawings	•	•	•	•	•	•
Freely define line patterns	•	•	•	•	•	•
Plot multiple drawings	•	•	•	•	•	•
Load and generate HPGL 1 and 2	•	•	•	•	•	•
Edit text in place	•	•	•	•	•	•
Project reference points	•	•	•	•	•	•
Generate PDF output	•	•	•	•	•	•
Print preview	•	•	•	•	•	•
Store as XML (SVG format)	•	•	•	•	•	•
Translate paperspace format (DXF)	•	•	•	•	•	•
Integration of PTC Creo Elements/Direct Drawing Manager (add-on module)	•	•	•	•	•	•
BOM editor (add-on module)	•	•	•	•	•	•
Store fonts in MI file	•	•	•	•	•	•
Full staggered dimensioning	•	•	•	•	•	•
Macro debug tools	•	•	•	•	•	•
Save plot configurations automatically	•	•	•	•	•	•
View text before placing dimensions	•	•	•	•	•	•
Advanced in-context modification options available	•	•	•	•	•	•
Improved revision checker includes textual reports	•	•	•	•	•	•
Advanced modification techniques for dimensions, notes, and symbols	•	•	•	•	•	•
Automatic slot center lines	•	•	•	•	•	•
Create geometry with CoPilot's fly-by highlighting	•	•	•	•	•	•
Unlimited UNDO and REDO for 2D design and modifications		•	•	•	•	•
Unlimited UNDO and REDO for 2D dimensions		•	•	•	•	•
Global language support, including mixed language support on drawings, based on Unicode standard			•	•	•	•

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Create groups of annotations in drawings (can contain single dimension, multiple text elements, and multiple symbols)			•	•	•	•
Enhanced association of pictures to parts, modifiable on part level			•	•	•	•
ANSI-compliant chamfer dimensions			•	•	•	•
Measure in a loop			•	•	•	•
Radius and diameter dimensions with extended lines				•	•	•
Arc angle dimensioning				•	•	•
Blend dimensions				•	•	•
Improved OLE handling				•	•	•
Base dimensions				•	•	•
DXF/DWG paperspace support				•	•	•
PDF export extensions				•	•	•
New ribbon UI for drafting, embracing the Microsoft® Office® 2010 fluent paradigm					•	•
Color scheme for displaying drawings, common across the PTC Creo products					•	•
New context-sensitive right mouse button menus and command mini toolbar					•	•
DXF/DWG translator support of proxy elements					•	•
OLE switch for black/white default background					•	•
PTC Creo Elements/Direct 2D Access with new ribbon UI					•	•
Interactive Ribbon UI customization for end users*					•	•
Inclusion of existing custom toolbars and menus defined in legacy Drafting UIs into the new ribbon UI*					•	•
Color conversion of existing drawings to white PTC Creo background color*					•	•
Adding modules to the Ribbon UI						•
Defined ribbon tabs remain available after a reset						•
Define categories for new commands						•
Addition and modification of toolbars supported in Ribbon user interface						•
DXF and DWG translator supports the AutoCAD 2013 file format						•
Support for 64-BIT operating systems						•

*Feature available on PTC Creo Elements/Direct Drafting 18.1

For more information, visit

<http://www.ptc.com/product/creo-elements-direct/drafting>

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