Differences among Standard, Professional and Academic Versions

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Knowing the differences among different versions of ZWCAD will help you to choose the most appropriate one according to your needs.

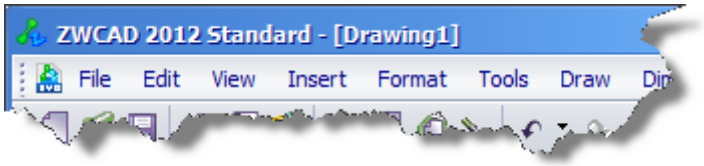
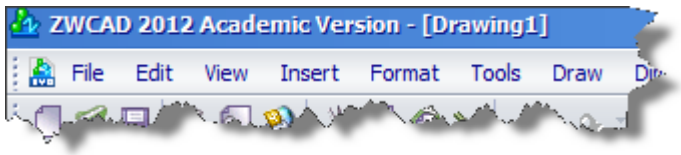
1. Features compare matrix

✓ Feature supported × Feature not supported	ZWCAD Professional	ZWCAD Standard	ZWCAD Academic
Compatibility with AutoCAD®			
DWG & DXF Support	✓	✓	✓
AutoCAD® Resource Files	✓	✓	✓
AutoLISP (including DCL)	✓	✓	✓
AutoCAD® Development System(ADS)	SDS (similar to ADS)	SDS (similar to ADS)	SDS (similar to ADS)
VBA Included	✓	×	✓
Object ARX	ZRX(similar to ARX)	ZRX(similar to ARX)	ZRX(similar to ARX)
Basic Features			
2D Drawing, Editing & Dimensioning	✓	✓	✓
Hatch, Block, Xref, Attributes & Image	✓	✓	✓
3D Modeling, Editing & Rendering	✓	×	✓
3D Views & Displays	✓	✓	✓
Export to JPEP, PNG, PDF etc.	✓	✓	✓
Plot	✓	✓	With Watermark
Advanced Features			
Parametric Drawing	✓	✓	✓
Design Center & Tool Palettes	✓	✓	✓
MLeader, Table, Field	✓	✓	✓
Ariel View	✓	✓	✓
Express Tools	✓	✓	✓
Unique Features			
Batch Plot (pltplot)	✓	✓	✓
Multiple Tab	✓	✓	✓
Drawing Compare	✓	✓	✓

Block Extraction	✓	✓	✓
Image with TFW coordinate file	✓	✓	✓

2. Small detailed about differences

1) Different versions have different icons and title.

Standard		
Professional		
Academic		

2) Different versions has different support level for function

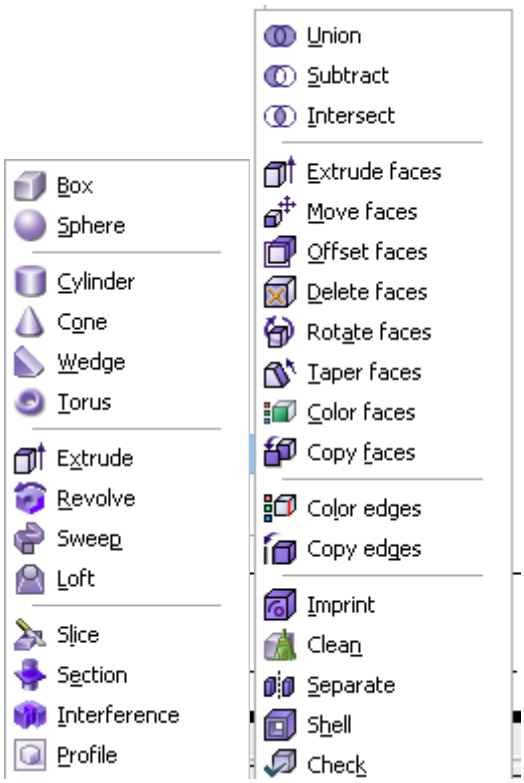
■ **Professional version**

a. Professional version is full function version, with no limitation for any function.

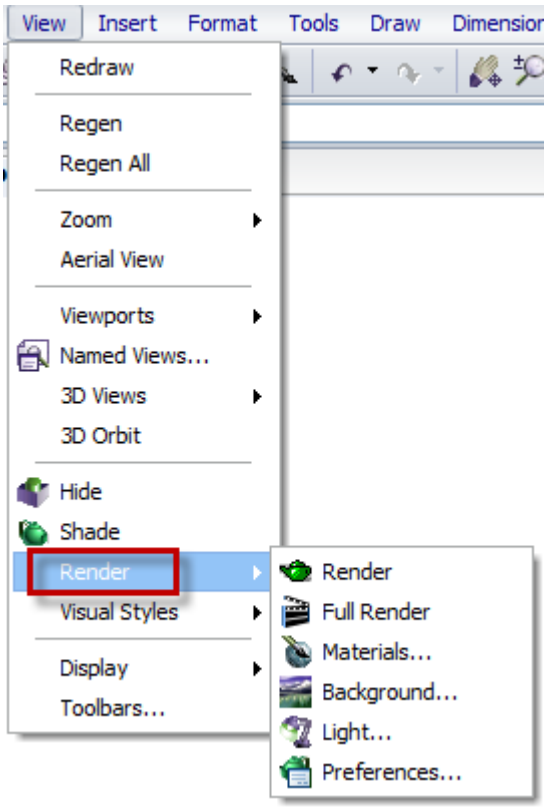
■ **Standard version**

a. Contains all 2D drafting and detailing functions

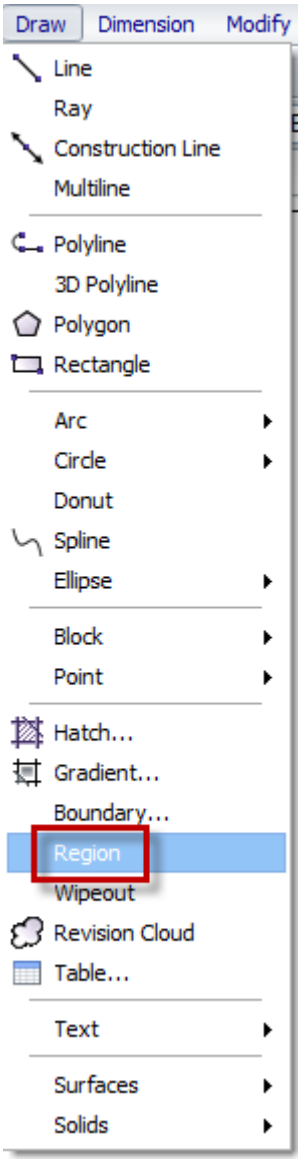
b. Has limitation for 3D functions. Standard version can display the existing 3D object in the drawing, but unable to create or edit 3D object. All render functions are not supported. Unable to insert ACIS file or create region entity.



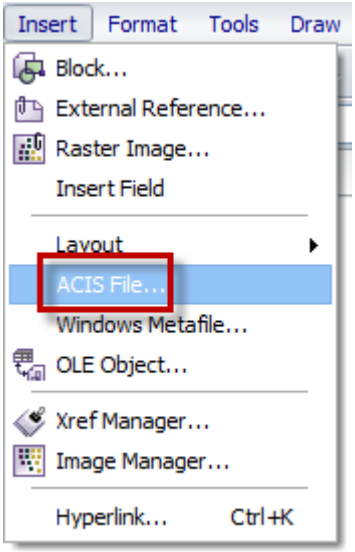
△ Doesn't support creating or editing 3D solids



△ Dosesn't support all Renders functions



△ Doesn't support creating region



△ Doesn't support to insert ACIS object

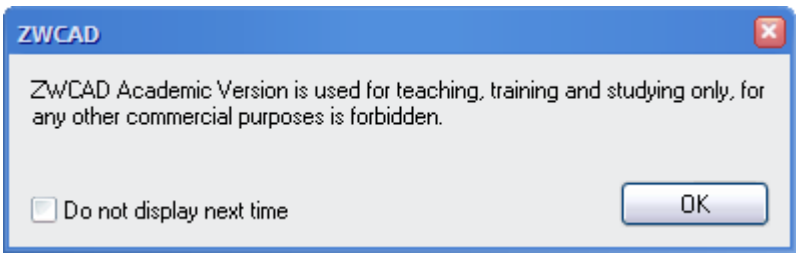
c. Has limitation with APIs. For all the APIs (LISP, VBA, SDS, ZRX), VBA is the one that not support in Standard version.

△ Doesn't support VBA

■ Academic version

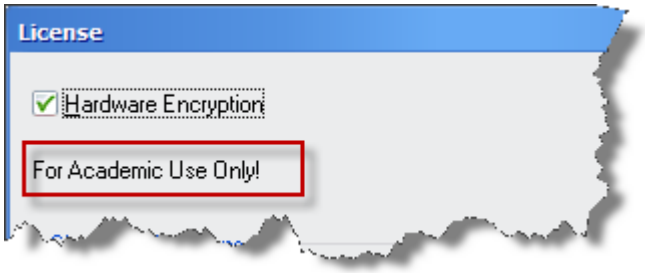
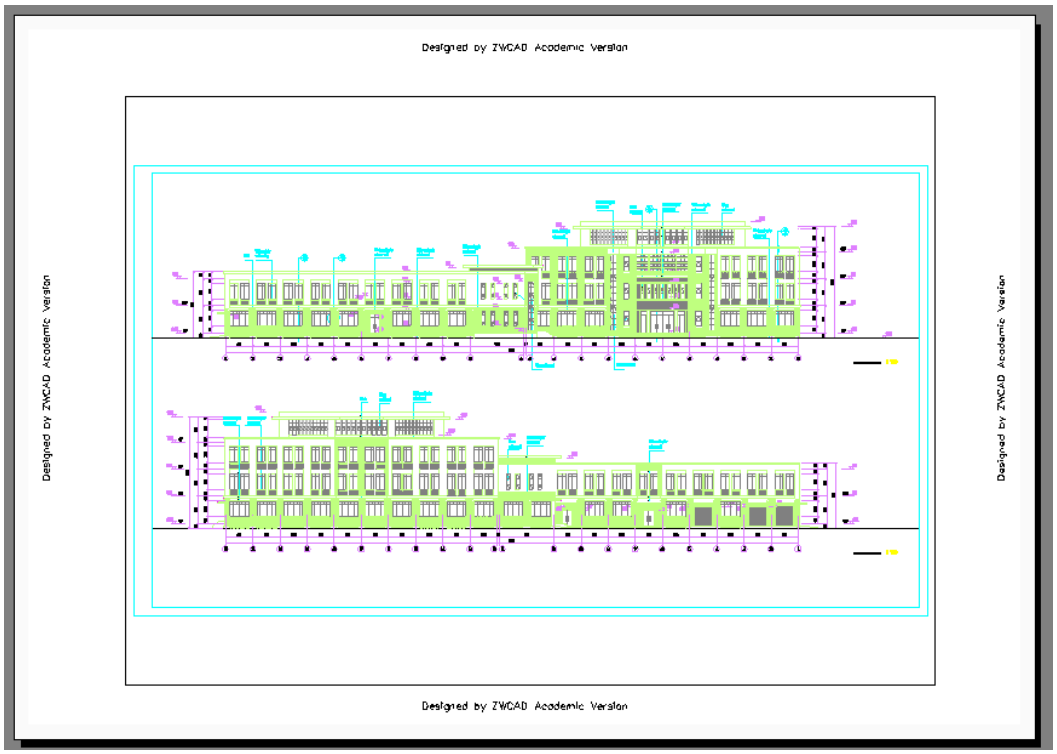
a. Academic version has all the functions that professional version owns.

b. Compared with Standard version and Professional version, Academic version has the following differences: when starting the Academic version, a pop out dialog box saying' ZWCAD Academic Version is used for teaching, training and studying only, for any other commercial purposes is forbidden'.



After activate Academic version, the license dialog box saying 'For Academic

Use Only'.



When printing the drawing out, there are water marks on the page borders-- Designed by ZWCAD Academic Version.