

[Bricsys 24/7®](#) (upload, share, view, annotate documents in the cloud) ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ × × ×

Communicator (extended import/export) (9) ✓ ✓ × (1) (1) × ✓ ✓ × × × ×

Interface

Get Started dialog ✓ ✓ ✓ * ✓ ✓ * ✓ ✓ ✓ ✓ ✓

Documents tabs ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ×

CUI menus and toolbars ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Ribbon ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ×

Lockable interface * × × × × × × × × ✓ ✓ ✓

Clean screen mode * × × × × × × × × ✓ ✓ ✓

Workspaces ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ×

Visual menu customization ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Extended Quad cursor 2D/3D ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ × × ×

LookFrom widget (view orientation) ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Tool palettes ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Industry standard commands ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Command Line with auto completion ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ×

Extended Drawing Explorer ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Searchable Settings Manager ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

Selection, Snap & Track

Selection preview	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Quick Select tool	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADDSELECTED command	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SELECTSIMILAR command	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cycling through entities or subentities during selection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hot grips for multiple grip points modification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SnapTrack™ & Polar tracking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZINTERSECTION 3D snap	✓	✓	✓	*	✓	✓	*	✓	✓	× × ×

3D

Full ACIS modeling & editing	✓	✓	×	✓	✓	×	✓	✓	×	✓	(3) (3)
Direct 3D modeling	✓	✓	×	✓	✓	×	✓	✓	×	✓	× ×
Polysolids (walls, slabs, ...)	✓	✓	×	✓	✓	×	✓	✓	×	×	× × ×
Hardware library (more than 30.000 standard parts)	✓	✓	×	✓	✓	×	✓	✓	×	×	× × ×
Geometric 3D constraints creation	✓	×	×	✓	×	×	✓	×	×	×	× × ×
Geometric 3D constraints solving	✓	✓	×	✓	✓	×	✓	✓	×	×	× × ×
Design intent	✓	×	×	✓	×	×	✓	×	×	×	× × ×

Visual styles	✓	✓	(8)	✓	✓	(8)	✓	✓	(8)	✓	x	x
Section planes	✓	✓	x	✓	✓	x	✓	✓	x	✓	x	x
Generated views	✓	✓	x	✓	✓	x	✓	✓	x	✓	x	x
Surface entity creation	✓	✓	x	✓	✓	x	✓	✓	x	x	x	x
Deformable Modeling	✓	x	x	✓	x	x	✓	x	x	x	x	x
3D Comparison tool	✓	x	x	x	x	x	x	x	x	x	x	x
Lofting	✓	✓	x	✓	✓	x	✓	✓	x	x	x	x
Geometry Healing	✓	✓	x	✓	✓	x	✓	✓	x	x	x	x
Support for Photometric Lighting	✓	✓	x	✓	✓	x	✓	✓	x	x	x	x
Powerful rendering engine	✓	✓	x	✓	✓	x	✓	✓	x	✓	x	x
600 high-definition render materials	✓	✓	x	✓	✓	x	✓	✓	x	✓	✓	✓
MATERIALMAP command	✓	✓	x	*	✓	x	*	✓	x	✓	✓	✓
Walkthrough navigation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
ANIPATH command	✓	✓	x	*	✓	x	*	✓	x	✓	x	x

Mechanical

Mechanical browser	✓	(3)	x	✓	(3)	x	✓	(3)	x	x	x	x
Assemblies import (10)	✓	✓	x	✓	✓	x	x	x	x	x	x	x
Assembly modeling (hierarchical component organization)	✓	x	x	✓	x	x	✓	x	x	x	x	x
Assembly viewing	✓	✓	x	✓	✓	x	✓	✓	x	x	x	x
Assembly constraints	✓	x	x	✓	x	x	✓	x	x	x	x	x

Kinematic analysis	✓	x	x	✓	x	x	✓	x	x	x	x	x
Bill of materials	✓	x	x	✓	x	x	✓	x	x	x	x	x

Sheet Metal (9)

Sheet metal design	✓	x	x	✓	x	x	✓	x	x	x	x	x
Form features	✓	x	x	*	x	x	*	x	x	x	x	x
SMEXTRUDE command	*	x	x	x	x	x	x	x	x	x	x	x
SMRIBCREATE command	*	x	x	x	x	x	x	x	x	x	x	x
3D solids conversion to unfoldable sheet metal parts	✓	x	x	✓	x	x	✓	x	x	x	x	x
Corner relief for adjacent edge flanges	✓	x	x	✓	x	x	✓	x	x	x	x	x
Lofted Bends	✓	x	x	✓	x	x	✓	x	x	x	x	x
Coloring	✓	x	x	✓	x	x	✓	x	x	x	x	x
Diagnostic for invalid sheet metal features	✓	x	x	✓	x	x	✓	x	x	x	x	x
Batch Processing	✓	x	x	✓	x	x	✓	x	x	x	x	x

Building Information Modeling (BIM) (9)

BIM features	✓	x	x	✓	x	x	✓	x	x	x	x	x
Structural modeling toolset	*	x	x	x	x	x	x	x	x	x	x	x
Project database	✓	x	x	✓	x	x	✓	x	x	x	x	x
Library database	✓	x	x	✓	x	x	✓	x	x	x	x	x
Site, Building and Stories	✓	x	x	*	x	x	*	x	x	x	x	x
Windows and doors	✓	x	x	✓	x	x	✓	x	x	x	x	x

Multilines and multiline styles	✓	✓	✓	✓	✓	✓	✓	✓	✓	(7)	(7)
Dynamic Arrays	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Associative arrays	*	x	x	x	x	x	x	x	✓	✓	✓
Data extraction wizard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Block attribute definition manager	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Block attribute redefinition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dynamic blocks support (4)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dynamic blocks grip editing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RESETBLOCK command	✓	✓	✓	*	✓	✓	*	✓	✓	✓	✓
Dynamic input	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dynamic UCS (temporarily switch to surface of 3D solid)	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
Real time boundary detection	✓	✓	✓	✓	✓	✓	✓	✓	x	x	x
Edit properties of multiple entities	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
Tables & table styles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Formulas in table cells	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Design tables	*	x	x	x	x	x	x	x	✓	x	x
XEDGES command	✓	✓	✓	*	✓	✓	*	✓	✓	✓	x
SOLPROF command	✓	✓	x	✓	✓	x	✓	✓	x	✓	x

Academic ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

- (1) To be implemented.
- (2) Version 7.1 - For Windows 64 bits and 32 bits.
- (3) Partial.
- (4) Defining dynamic blocks is not possible yet.
- (5) View only. Edit under development.
- (6) Without MFC classes.
- (7) View/edit only. Not create.
- (8) Limited (no rendering).
- (9) Optional module.
- (10) Requires BricsCAD Communicator. In BricsCAD Pro, only for geometry (no structure).