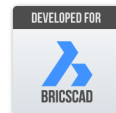


CADPower
CADPower Tool List

















“Super-charging BricsCAD and AutoCAD user productivity since 1999”














































































Now available for ZWCAD & ARES Commander also!









Polyline Tools














Join			
	CP_PLJOIN	Join - 2D polylines	
	CP_3DJ	Join 3D Polylines	
	CP_JOINCONNECTED	Join connected Lines / Polylines	
Change 2d>3d>2d			
	CP_CH2D3D	2D-to-3D	
	CP_CH3D2D	3D-to-2D	
Vertex Management			
	CP_INSVX	Insert Vertex	
	CP_DELVX	Delete Vertex	
	CP_DENSIFY	Densify vertices	
	CP_REM_LINVERTS	Weed (remove) collinear vertices from polyline	















	CP_PL_PLACE	Place Points/Blocks along vertices	
	CP_FIXCLOSED	Add / Remove redundant closing vertex in polylines	
	CP_DELSVP	Delete single vertex polylines	
	CP_MVEDIT	Multiple Vertex Editor	
	CP_NEWSTART	Specify a new start point for closed polylines	
	CP_TWEAKPOLY	Tweak polyline vertex	
Part Editing			
	CP_PARTEXTTRACT	Extract part of a polyline	  
	CP_PARTCOPY	Copy(and move) part of a polyline	  
	CP_PARTOFFSET	Offset part of a polyline	  
	CP_PARTSTRETCH	Stretch part of a polyline	  
	CP_PARTMIRROR	Mirror part of a polyline	  
	CP_PARTROTATE	Rotate part of a polyline	  
	CP_PARTRESHAPE	Reshape part of a polyline	  
Inquiry & Statistics			
	CP_PL_STAT	Compute detailed polyline statistics	 
	CP_LAYERAREA	Compute summed polyline areas from selected layers	
	CP_LENGTH	Compute lengths	
	CP_CALCAREA	Compute summed areas of closed polylines	 
	CP_BULGE	Display info. about polyline bulge (arc segments)	  
	CP_FINDHND	Search entities via handles	
	CP_MEASURE2POINTS	Measure distance between two points on curve	   

More Editing			
	CP_XV	Express Pedit	
	CP_MPEDIT	Multiple Pedit	
	CP_CHW	Change Widths	
	CP_XP_WPL	Explode Polylines with width	
	CP_SEGLNSET	Specify segment lengths in polylines	
	CP_SEGDEL	Delete segment	
	CP_ALIGNPOLY	Align polyline edges	
Flip			
	CP_FLIP	Flip (Reverse) direction	
	CP_PLARCMIRROR	Flip (mirror) arc segments of polylines	
Fillet			
	CP_FILLET	Enhanced fillet command	
	CP_MFILLET	Fillet multiple polylines	
Measurements			
	CP_TRIANGULATE_M EA	Triangulation	
	CP_TRIANGULATE_A NNOTATE_MANUAL	Triangulation - Manual	
	CP_TRIANGULATE_T ABULATE	Triangulation - Create table	
Others			
	CP_INOUTOFFSET	Offset closed polylines INwards/OUTwards	
	CP_XPSPL	Explode Splined	
	CP_FLOW_LT	Control polyline linetypes	






	CP_ZPOLY	Zoom to Polyline	
	CP_FIXUCS	Fix line/polylines with different UCS	
	CP_LINPOLY	Draw linear polylines from arced polylines	
	CP_POLYGETZ	Acquire Neighboring polyline elevations	







Conversion

Line/Polyline/Arc/Spline			
	CP_LINE2XLINE	Line 2 XLINE	
	CP_PLARC2PL	Convert Arc Polylines to linear segment polyline	
	CP_PLINE2ARC	Convert linear polylines to arcs/arced polylines	
	CP_LINE2PL	Convert lines and arcs to polylines	
	CP_SPL2PL	Convert Splines to polylines	
	CP_PL2SPL	Convert polylines to SPLINE	
Polyline/3DFace/Mesh			
	CP_PL23DFACE	Convert polylines to 3dface	
	CP_PL2PFACE	Convert polylines to PFACE mesh	
	CP_3DF2PL	3DFaces to polylines	
	CP_3DF2PFACE	3DFaces to polyface mesh	
	CP_PFACE2PL	Polyface mesh to polylines	
More conversion			














	CP_BLKSH2P	Convert Blocks/Shapes/Text/Circle to Points	
	CP_P2BLKSH	Convert Points/Text/Circles to Blocks/Shapes	
	CP_0LEN2PNT	Convert 0 Lengths to POINTs	
	CP_ATT2XD	Attributes to Xdata	
	CP_ELLIPSE2CL	Ellipses to Circles	
Polyline Types			
	CP_CONVERTPOLY LIGHT	Heavy-Weight to Light-Weight	
	CP_CONVERTPOLY HEAVY	Light-Weight to Heavy-Weight	
	CP_SCALE_Z	Scale Z values	
	CP_BL2BE	Change Properties ByLayer-to-ByEntity	
	CP_FLATTEN	Flatten - Convert to 0.0 elevation	
	CP_UNITCONV	Units conversion	 





Export













	CP_IMPEX	Import/Export points and lines	
	CP_CSVEXPORT	Export columns of text into CSV format	
	CP_MULTEXPORT	Multiple drawing export in various formats	
	CP_3DF2DM	Export 3dface objects into SMS 2DM file format	













	CP_IMPORT2DM	Import 2DM files as 3dface objects	
	CP_INSOLE	Import image(s) as OLE objects	
	CP_CONVERT2OLE	Convert image(s) to OLE objects	
	CP_EXPORT2DWF	Export DWF	
	CP_MULTIPLEPDFEXPORT	Multiple PDF Plot	

Draw



Geometry			
	CP_PARABOLA	Parabola	
	CP_CREATETAPER	Tapered lines	
	CP_SLOT	Slot	
	CP_HELIX	Helix	
	CP_INVOLUTE	Involute	
	CP_TUBE	Tube	
	CP_TRUNCONE	Truncated Cone	
	CP_PERP	Perpendicular lines	
	CP_XLINES	Projected (construction) lines	
	CP_TANCURVE	Tangents to Curves	
	CP_CGRID	Construction Grid	
	CP_LINEEQ	Equation of a Line	























	CP_CENTERRECT	Draw Rectangle - Center and one corner	
	CP_RECTANG	Draw Rectangle - 3 Point	
	CP_DBOX	Draw Rectangle with diagonals	
	CP_RECTLB	Draw Rectangle with dimensions	









CAD Objects			
	CP_EASY3DPOINT	Easy 3dpoint	
	CP_EASY3DPOLY	Easy 3dpolyline	
	CP_EASY3DFACE	Easy 3dface	
	CP_ML_ARRANGE	Arrange MLEADER objects easily	
	CP_ML_CREATE	Draw MLEADER (with lookup)	
Symbology			
	CP_ROUGHEN	Roughen a Line	
	CP_PATTERNPLACER	Place a pattern at regular spacing	
	CP_LAYERTABLE	Layer Table	
	CP_BLOCKTABLE	Block Table	
	CP_QHatch	Quick Hatch	
	CP_QImage	Quick Image Insert (preserves aspect ratio)	

Rule-based			
	CP_DRAWPOLYINCDEC	Draw 3d polylines with auto.Elev increment /decrement	
	CP_BOXSCREEN	Draw a rectangle box at the current screen extents	
	CP_BOUNDENT	Draw bounding box around selected object(s)	
	CP_SORTEDPOLY	Draw a polyline by joining points in sorted order	
	CP_SHOWPLARCS	Draw arc-ends to arc-center connections in arcs & poly-arcs	
	CP_HOLETABLE	Draw Hole table	
	CP_CAM_PROFILE	Draw CAM Profile	
	CP_CURVEANALYZER	Draw tool cutting path around a closed boundary	
	CP_NESTEDBOUNDARY	Draw nested boundary	
	CP_POLYAREACREATE	Draw closed polylines to an exact area	
















Build





Offset			
	CP_MOFFSETR	Multiple Offset - Relative	
	CP_MOFFSETA	Multiple Offset - Absolute	

	CP_OFFSET	Offset and delete original	
	CP_3DOFFSET	Offset 3d polylines	
	CP_SEGOFFSET	Offset single segment from polyline	
	CP_MVOFFSET	Multiple Variable polyline segment offset	
	CP_BOUNDARY	Create a boundary (closed polygon) around a point	
	CP_CREATECENTROID	Create centroid marks inside closed polygons	
	CP_MEASUREMANY	Measure multiple objects	
	CP_EXTRUDER	Easy Solids Extruder	
	CP_JNE	Join nearest ends of lines, polylines	
	CP_CPROT	Copy and then Rotate	
	SCP_MVROT	Move and then Rotate	
CADPower Object Data Management			
	CP_DATAMAN	Object Data Manager – Create, Edit Data Tables	
	CP_ATTACHDATA	Attach Object Data	
	CP_DETACHDATA	Detach Object Data	
	CP_EDITDATA	Edit Object Data	
	CP_COPYDATA	Copy Object Data	
	CP_LABELDATA	Label Object Data	
	CP_QUERYDATA	Query Object Data	
















	CP_CPOD_EXPORT	Export Object Data	
	CP_CPOD_IMPORT	Import Object Data	
	CP_CPOD_TABLEDATA	Create CAD TABLE from object table data	
	CP_EXCELCOPYPASTE	Copy and Paste from Excel	
	CP_EXCEL2ATTBLK	Create attributed block /map object table from Excel	
	CP_EXCELQUERY	Query and Insert data from Excel sheet	
	CP_CPOD_ATT2OD	Transfer Attributes to Object Table Data	


















Annotation


















	CP_IDXYZ	Label points	
	CP_VXLABEL	Label polyline vertices	
	CP_SEGLABEL	Label polyline segments	
	CP_ANGLABEL	Label polyline Angles	
	CP_ANNOTATEENDS	Annotate ends of lines/polylines with symbols	
	CP_ANNOTPOINTS	Annotate points, based on layer names	
	CP_LENTEXT	Create/update length annotation	
	CP_AREATEXT	Create/update area annotation	
	CP_LEVELIT	Create Elevation Levels (LEVELIT)	





	CP_DIMINSPECT	Inspection Dimension	
	CP_HNDLABEL	Display object handles as text labels	
	CP_MARKLEVELS	Mark levels above-or-below a selected datum	
	CP_AUTOPOLYLABEL	Pick and create enclosing closed boundary area Annotation	

Blocks













Block-related			
	CP_MOD_SHBL	Globally Modify Block Properties	
	CP_BLKMAN	Block Names Editor	
	CP_REPBLK	Replace Block	
	CP_XP_ATT (BURST)	Explode Block- Retain attributes as Text	
	CP_COMPAREBLKATTS	Compare Block attributes and create report	
	CP_CONNECTBLOCKS	Connect blocks based on attribute values	
	CP_MREDEFINE	Multiple Redefine Blocks-Lyr/Clr	
	CP_EXPLODENESTED	Explode only nested blocks	
	CP_EXPLODE2LAYER	Explode blocks to a specified layer	
	CP_DRAWSEGBLOCKS	Place a block along each segment of the polyline	
	CP_MBLKTRIM	Trim lines/polylines along intersecting blocks	
	CP_BLOCKINS	Express Block Insert	




















	CP_REPEATBLK	Repeat Last Block Insert	
	CP_SMARTINSERT	Smart Block Insert	
	CP_BO	Select and export Block to DWG	
	CP_BI	Select and import Block from DWG	
	CP_BLKSLIDE	Slide (move) block relative to its rotation angle	
	CP_BLK2DWG	Export multiple blocks to DWG	
	CP_BCOUNT	Count occurrence of block insert objects	
	CP_SCLEDIT	Interactive XY scale editor	  
	CP_SCLFLIP	Interactive XY Scale Flip	
	CP_INSSIMILAR	Insert similar named blocks	
	CP_ANONYMOUSBLK	Convert to anonymous block	
	CP_BLKSPACING	Adjust spacing of blocks based on insertion point	
	NCOPY	Nested Block copy	
Attribute-related			
	CP_ATTEDIT	Global Attribute Editor	
	CP_EASYATT	Multiple-Choice attribute editor	
	CP_EASYATT_SETUP	Multiple-Choice attribute editor Setup	
	CP_EASYATTCLASS	Change block layers/color based on attribute values	
	CP_ATTEXT	Extract Block attributes to file	



	CP_PROP2ATT	Transfer AutoCAD properties to Blocks attributes	
	CP_ATT2PROP	Transfer Block Attributes to CAD properties	
	CP_TAGEXT	Export Block Attribute Tags to ASCII file	
	CP_TAGREN	Rename block attribute tags, prompts and defaults	
	CP_TAGDEL	Delete block attribute tags from block definition	
	CP_ATTMOVE	Move attribute	
	ATTMOVEMULT24	Move all attributes at once	
	CP_ATTROTATE	Rotate attribute	
	CP_ATTMOVEMULT	Move all attributes at once	
	CP_ATTROTATEMULT	Rotate all attributes at once	
	CP_ATTUPRIGHT	Make attribute readable	
	CP_ATTXFER	Transfer Attributes between blocks	
	CP_TXT2ATT	Transfer Text strings to Block attributes	
	CP_ATTREORDER	Re-order attributes in a block	
	CP_ATTIN	Import attributes	
	CP_ATTOUT	Export attributes	
General			
	CP_ZOOMTXT	Search and replace text/attributes	

	CP_BLKEDIT	Edit blocks graphics and attribute properties independently	
	CP_DYNATTPLACE	Place Block - position attributes interactively	
	CP_CREATEATTRIBUTEDBLOCK	Create an attributed block	
	CP_SRCHBLK4TXT	Search Blocks for text strings	












Text

Creation			
	CP_CURVETEXT	Create text along a curve	
	CP_TC	Draw Quick Text (running numbers)	
	CP_EASYTEXT	Create text aligned to a curve	
	CP_DATESTAMP	Create Date/Drawing Stamp	
	CP_MT	Draw Multiple Text	
	CP_TXTEVAL	Apply arithmetic/statistical operations on text objects	
	CP_DwgFonts	List Drawing Fonts	
Editing			
	CP_MODTXT	Globally modify TEXT/MTEXT	
	CP_TXTFILTER	Text Filter	
	CP_TXTROUND	Round Off Numeric text	
	CP_ENCLOSE	Enclose Text in Box	


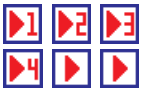


	CP_CONS_TXT	Consolidate Text into MText	
	CP_CONS_QMTXT	Consolidate Text into MText (quick version)	
	CP_SPLITTEXT	Split long text strings into individual strings	
	CP_UNCLUTTER	Unclutter text objects	
	CP_TXTSLIDE	Slide (move) text relative to its rotation angle	
	CP_TXT2FILE	Write Text to File	
	CP_TXTEDIT	Global Multiple Text Editor	
Conversion			
	CP_TXT2ATTDEF	Convert text strings to attribute definitions	
	CP_ATTDEF2TXT	Convert attribute definitions to text objects	
	CP_CHCASE	Change Case	
Display			
	CP_ALIGNTEXT	Align Text Objects	
	CP_ALIGNTEXT2LINE	Align Text Objects to a line	
	CP_TXTSPACING	Adjust the spacing between text objects	
	CP_TXTCHANGE	Exchange one text with another	
	CP_TORIENT	Text Orient: Make Text, MText readable	
	CP_UND_LINE	Underline Text	



























	CP_TEXTMASK	TextMask - Hide underneath	
	CP_TCOUNT	Count occurrence of text objects	

Extended Entity Data









	CP_REM_XD	Remove Xdata	
	CP_XD_RENAMEAPP	Rename XDATA application name	
	CP_XD_SEARCH	Search and replace extended entity data	
	CP_SHOWXD	Display extended entity data from picked object	
	CP_XD_EXTRACT	Extract extended entity data to ASCII files	
	CP_OD_XD_LABEL	Create text labels from Object data / extended entity data	
	CP_NODATA	Check for no Xdata / Object Data	
	CP_EASYEED	Edit XDATA in a dialog box	
	CP_CONVERTTO3DFORMS	Convert CAD objects to 3D forms	

BOM/BOQ Tools










	CP_BOM	BOM/BOQ Generator	
	CP_DimensionTag	Dimension Tags for Baloon BOM	
	CP_DIMENSIONTAG-SETTINGS	&Dimension Tags - SETTINGS	

	CP_TILEPLACE	Place panels/tiles	
	CP_FLEXITILE	Place flexi-tiles	
	CP_TILEOFFSET	Offset tiles / XY panels	
	CP_TILECOUNT	Count tiles / XY panels	
	CP_TILEEDIT	Edit tiles / XY panels	
	CP_BUILDWALLS	Build Walls from plan footprint	
	CP_SEGLENHGTSET	Set Height/Length of wall segments	
	CP_PLACEFIXTURES	Place openings/fixtures on walls/floors	
	CP_COMPUTEWALLAREAS	Compute Wall/Openings areas	
	CP_COPYFLR	Copy all floor data (creates new floor)	
	CP_LINEQTY	Compute linear quantities	
	CP_BARMAN	The (re)Bar Manager	
Parts Management			
	CP_PARTASSIGN	Assign part names	
	CP_PARTUNASSIGN	Un-Assign part names	
	CP_PARTLABEL	Label part names	
	CP_PARTCOUNT	Count part names	
ERP Export Tools			
	CP_CONVERT2EXCEL	Convert text table to Excel CSV data	

Panels, Layouts and Sizing


	CP_SHEETCUTTER	Rectangular Sheet Cutter	
	CP_SHEETCUTTERARBITRARY	Arbitrary sized Sheet Cutter	
	CP_PIECEMAKER	Cut a linear item into pieces	
	CP_POLYSLIDE	Copy and offset panels with gaps	
	CP_MVEDIT	Dynamic and precise polygon editing	

Viewports





















	CP_VPEXTRACT	Extract clipping boundary	
	CP_VPBNDRYUPDATE	Update clipping boundary	
	CP_LOCKVPORTS	Lock/unlock paper-space viewports	
	CP_LOCKVPCURLAYOUT	Lock All Viewports in current layout	
	CP_UNLOCKVPCURLAYOUT	UnLock All Viewports in current layout	
	CP_VPMAX	Maximize viewport	
	CP_VPMAXRESTORE	Restore Paper space view after CP_VPMAX	





















Miscellaneous







File Management

	CP_FILEMAN	File Manager	
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



	CP_DWGBROWSER	DWG browser, with thumbnail previews	
	CP_BINDXREF	Detaches all un-referenced XREFs and binds all others into current DWG	
	CP_BATCHPROCESS	Batch process multiple drawings with scripts	
	CP_MULTINS	Multiple DWG Inserts	
	CP_MXREF	Multiple drawings XREF	
	CP_READEXIF	View/Extract EXIF from images	
	CP_INIEDITOR	Edit CADPower INI files	
	CP_CSVEDITOR	Edit CSV files	
	CP_MOVEBAK	Move .bak files to a folder	 
	CP_RECOVERYMANAGER	Drawing Recovery Manager	
	CP_SPLITPAT	Split a PAT file into individual pattern PAT files	
Export			
	CP_LYRS2DWG	Layers to DWG	
	CP_DWGSPLIT	Split a drawing into smaller parts	
	CP_FILEESORT	Sort ASCII files	
CAD Procedures			
First Set			
	CP_MATCH	Match Properties	

	CP_OBJALIGN	Align Objects	
	CP_XYZSCL	Scale objects (unequally) in X, Y and Z directions	
	CP_SCALETOUNITY	Scale to a unit (1.0) distance in X	
	CP_MEANPOINT	Create a mean (averaged) point from a cluster of points	
	CP_FLIPZ	Flip (reverse) elevations(Z) from selected objects	
	CP_ROUND OFF	Round Off Values from points/lines	
	CP_XTRACTXREF LAYER	Extract layer from Xref	
	CP_XTRACTXREF LAYERDLG	Extract Layer(s) from multiple XREFs	
	CP_XTRACT	Extract from XREF	
	CP_XP_RET DAT	Expode objects - Retain Object Table and extended entity data	
	CP_HATCH AREA	Report on areas covered by HATCH objects	
	CP_FLIP ARCS	Flip ECS of arcs with negative normal	
	CP_VISIBLE	Change object visibility	
	CP_DIMPREC	Change Dimension Precision	
	CP_PROXYREMOVER	Remover proxy references from entities	
	CP_HATCHBOUND	Re-Create Hatch boundaries from HATCH object	
	CP_HATCHINSVX	Insert vertex in hatch boundary	

	CP_HATCHDELVX	Delete vertex from hatch boundary	
	CP_HATCHORIGIN	Change hatch origin	
Second Set			
	CP_Concentric	Manage concentric circles	
	CP_CHOP	Object Chopper	
	CP_AUTODIM	Automatic Dimensioning	
	CP_FACENORMAL	Control 3dface Face Normals	
	CP_CONTBREAK	Break (Split) objects along a polyline	
	CP_ZOOMENT	Zoom to extent of selected object(s) (with 5% margin)	
	CP_DELETELAYOUTS	Delete paper-space layouts	
	CP_NULLTEXT	Delete Null TEXT	
	CP_PALL	Purge All Unused Symbols	
	CP_SCALECLEAN	Remove all unreferenced scales	
	CP_REPURL	Search / Replace attached URLs	
	CP_ATTACHURL	Attach URL to objects	
	CP_IMAGEPOLYCLIP	Clip an image along a boundary polygon	
	CP_IMAGETRIM	Trim an image along a boundary line	
	CP_SHAPEMANAGER	Analyze and manage geometric shapes	 











	CP_LINEPLANEINT	Determine the intersection of line and plane	
	CP_DIVPOLY	Divide a 3/4 sided polygon	
	CP_JOINCOLLINEAR	Join collinear lines,polylines	
	CP_DWGAUDIT	Perform drawing audit and clean-up	
	CP_WIPEOUT	Create a WIPEOUT buffer around closed polygons	
	CP_WBLOCKBC	W block and preserve AutoCAD Map objects	

Selection







	CP_PLFILTER	Polylines based on properties	
	CP_3DFFILTER	3DFaces based on properties	
	CP_ESELECT	Enhanced Entity Selector	
	CP_MAKESEL	Build Selection Set	
	CP_FILTER	Object Selection FILTER	
	CP_FINDZRNG	Find objects in selected Z range	
	CP_FINDENCLOSED	Find points enclosed within 3dface space	
	CP_SL	Select Current Layer	
	CP_SS24	Select Current Style	
	CP_LASTSEL	Put last CADPower selection in 'previous' sel.set	








	CP_CIRCFILTER	Circles based on radius	
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Inquiry






	CP_CALCPOWER	Calculator	
	CP_SURFAREA	Compute Surface Area of 3DFACEs	
	CP_ANGLE	Display angle between two lines	
	CP_CGRAV	Compute Center of Gravity	
	CP_DWG_STAT	Display Drawing Statistics	
	CP_PERIMTR	Compute running distance/perimeter	
	CP_VISIT	Object Selection Browser	
	CP_QUERY	Quick elevation Info	
	CP_DXY	Enhanced DIST command	
	CP_ISLANDAREA	Compute Island Areas	

Layer






	CP_LAYERMAN	Layer Names Manager	
	CP_ISOD	Isolate layer(s)	
	CP_RESTORE	Restore Isolated layer(s)	
	CP_SL_1	Save Layer State - 1	
	CP_SL_2	Save Layer State - 2	






















	CP_SL_3	Save Layer State - 3	
	CP_RL_1	Restore Layer State - 1	
	CP_RL_2	Restore Layer State - 2	
	CP_RL_3	Restore Layer State - 3	
	CP_CCL	Change to current layer	
	CP_CPCL	Copy to current layer	
	CP_COPYLYR	Copy layer contents to another layer	

Toolbars

	CP_GENSET	Settings...	
	CP_HELP	help	
	CP_CMDHELP	Command Help (Online htm)...	
	CP_LASTCMDHELP	Last Command Help (Online htm)...	
	CP_APPKEY	Display Application Key...	

More Options

	CP_DEFMACROS	Load CADPower command macros(shortcuts)	
	CP_WORKSPACESETUP	Workspace Setup	
	CP_LOAD	Load CADPower	
	CP_UNLOAD	Unload CADPower	

	CP_REGRESET	Reset command defaults in registry	
	CP_CMDSEARCH	Search GeoTools/CADPower commands	
	CP_CMDLIST	List GeoTools/CADPower commands	
	CP_ABOUT	About CADPower...	
	CP_LANGSWITCH	Change Operating Language	
	CP_README	Readme and Installation	
	CP_CHECKUPDATES	Check for updates	
	CP_ACTIVATELICENSE	Activate CADPower license	
	CP_ACTIVATECLOUDLICENSE	Activate CADPower Cloud License	
	CP_REMOVELICENSE	CADPower Remove License	
	CP_DISPLAYLICENSEINFO	License Info...	
	CP_DEBUGINFO	debug info	
	CP_SHOWPATHS	Show System and DWG Paths	
	CP_MAINTENANCE	Maintenance/Housekeeping	
	CP_BRICSYSTV	Bricsys TV	
	CP_ORDER	Ordering Info...	
	CP_VIDEOS	CADPower Videos	
	CP_Tutorial	Tutorials	

CADPower defined macros

The CADPower macros are not enabled by default, to prevent user-pre-defined macros from being changed. If you want to enable the macros, please run the **CP_DEFMACROS** command on the command line for one-time enabling or select **CADPower -> Settings** from the menu and click on the dialog-box option to enable CADPower macros automatically upon startup (see dialog below).

CADPower default settings

Text Height (in DWG units)

Blocks/Text Rotation angle (degrees)

Beep on error

Annotation units

Linear

Area

☐ Attach linear and area units strings as suffixes to values?

Text Justification

X Scale Factor for Blocks

Y Scale Factor for Blocks

Display and output precision

X (Eastings)

Y (Northings)

Z (Elevations)

Distance measurements

Angular measurements

Other miscellaneous settings

Fuzzy search tolerance around points of interest

Maximum Selection set size to store

Progress indicator interval

Toggle Settings

☐ Automatically update CAD search path with install folder

☐ Top of folder list (highest preference)

☐ Bottom of folder list (lowest preference)

☒ Enable CADPower defined shortcut macros on start

☐ Enable voice mode for important messages / errors

☐ Force reload of CUI at startup

☐ Show floating license dialogs

☐ Display command line options

☐ Disable the CADPower 'BURST' command

☐ Disable the CADPower 'BREAKLINE' command

☐ Disable the CADPower 'TCIRCLE' command

☐ Do not show user-interface

☐ Perform Show/Hide toolbars in all workspaces

☐ Move BAK files automatically on Save

☐ Highlight [grips] of last processed CADPower/GeoTools command

☒ Use .NET dll for polyline computations and triangulation

Abbreviated command	Full command name
A	Array
AC	Array Classic
B	Break
BL	Block
CH	Change Properties
CG	Change Command
CI	Circle
C	Copy
DI	Dist
ELL	Ellipse



3P	3DPoly
PO	Point
SOL	Solid
A3D	Array3D
R3D	Rotate3D
M3D	Mirror3D
DO	Donut
E	Erase
DD	DDEDIT
F	Fillet
I	Insert
L	Line
LI	List
M	Move
MI	Mirror
O	Offset
PE	Pedit
PL	Pline
RG	Regen
RT	Rotate
SC	Scale
MU	Move UCS
OS	Switch of all osnaps
SE	Set OSNAP Endpoint
SI	Set Osnap Intersection
SM	Set OSNAP MidPoint
SD	Set OSNAP Node
SN	Set OSNAP Nearest
SP	Set OSNAP Perpendicular
SQ	Set OSNAP Quadrant
SO	Set OSNAP Center
ST	Stretch
T	Trim
TX	Text
UCN	Undo Control None
UA	Undo All
WB	Wblock (no dialog, selected objects)
WB*	Wblock (no dialog, all objects)
WBs	Wblock(specify new insertion point)
EX, ET, XT	Extend
XP	Explode
ZA	Zoom All
ZD	Zoom Dynamic
ZE	Zoom Extents
ZF	Zoom Full (10% margins)
ZP	Zoom Previous
ZW	Zoom Window
3F	3DFace
ES	EDGESURF

RS	RULESURF
TS	TABSURF
RVS	REVSURF
TS	TABSURF
AP	APERTURE
AA	AREA
VP	VPOINT
CF	CHAMFER
CLR	COLOR
DI	DIMENSION
DH	Dim Horizontal
DV	Dim Vertical
DA	Dim Aligned
LDR	Dim Leader
UW	UCS World
UX	UCS Rotate X axis
UY	UCS Rotate Y axis
UZ	UCS Rotate Z axis
V,VIEW	VIEW
VD	View Delete
VR	View Restore
VS	View Save
VW	View Window
V?	View list
IO	Insert block at 0,0,0
WB0	Wblock command with 0,0,0 Insertion
DL	Delete the contents of a layer
JO	Join two lines at their ends by extension
LO	Lock picked layer
OF	Switch off picked layer
ON	Switch on picked layer
TH	Thaw picked layer
FR	Freeze picked layer
OF*	Switch off all layers
FR*	Freeze all layers
ON*	Switch on all layer
TH*	Thaw all layers
NEWLYR	Create new layer
CL / CH_LYR	Change selected objects to a destination layer
CC / CH_CLR	Change color
CLT / CH_LTY	Change linetype
CE / CH_EL	Change elevation
PALL	Purge All
ES	EDGESURF
RS	RULESURF
TS	TABSURF
RVS	REVSURF





TS	TABSURF
AP	APERTURE
AA	AREA
VP	VPOINT

BricsCAD +




(A collection of commands in a designated pull-down menu called BricsCAD+ is provided to make it super-easy for new AutoCAD users to find some of the common tools as seen in AutoCAD)





	LAYER	Starts the layer dialog from the Explorer	
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LAYER Tools












	Layer On		
	Layer Off		
	Lock Layer		
	Unlock Layer		
	Freeze Layer		
	Thaw All Layer		
	Isolate Layer		
	Unisolate Layer		

Pan


	Realtime		
	Point		
	Left		




	Right		
	Up		
	Down		
	Set Pan Factor		

















Zoom












	Realtime		
	Previous		
	Window		
	Object		
	Dynamic		
	Scale		
	Center		
	In		
	Out		
	All		
	Extents		

3d Views





	Viewpoints Presets		
	Viewpoint		



Plan View			
	Current UCS		
	World UCS		
	Named UCS		

	Top		
	Bottom		
	Left		
	Right		
	Front		
	Back		
	NW Isometric		
	SW Isometric		
	NE Isometric		
	SE Isometric		
	Select Color	COLOR dialog box	
	Linetype		
	Lineweight		
	Text Styles		
	Point Style Dialog		
	Point Style		



	Dimension Style		
	Multiline Style		
	Drawing Limits		
	Drawing Units		
	Filter	Filter command in BricsCAD	
	Purge All	Automatic Purge All (one-click)	
	Reattach All Xref		
	Change Dimension Precision	Select dimension, change precision	
	Reassociate Dimensions		
	Update Dimensions		
	Tan-tan-Tan Circle		
	Lengthen Dynamic		
	Add Annotation Scale Values		
	Scale List Editor		

FREEWARE-By-CADPower (BricsCAD Only)






	CP_NCOPY	Nested Copy	
	CP_FILTER	Search and replace extended entity data	
	CP_TORIENT	Text Orient, Make text readable	
	CP_CHCASEQUICK	Quick Change Case command	

	CP_CURVETEXT	Create text along a curve	
	CP_TEXTMASK	Hide underneath	





Hatch Patterns Management


	CP_HATCHINSVX	Insert vertex in hatch boundary	
	CP_HATCHDELVX	Delete vertex from hatch boundary	


















Viewports Management

	CP_LOCKVPORTS	Lock/unlock all viewports in selected layout(s)	
	CP_LOCKVPCURLAYOUT	Lock all viewports in current layout	
	CP_UNLOCKVPCURLAYOUT	Unlock all viewports in current layout	
	CP_VPMAX	Maximize viewport	
	CP_VPMAXRESTORE	Restore paper-space view after CP_VPMAX	



Save / Recovery / .BAKup








	CP_MOVEBAK	Move .BAK files to a folder	
	CP_RECOVERYMANAGER	Drawing Crash recovery Manager	
	CP_CRASHREPORTMGR	Crash report file manager	
	CP_WBLOCKBC	WBLOCK and save AutoCAD Map Data	

	CP_ENHANCEDAREA	A better AREA command	
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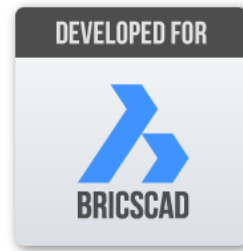
	BURST	Explode blocks, retain attributes as text	
	TJ	TJ-Text Justify	
	CBREAKLINE	Break Line	
	CTCIRCLE	TCIRCLE	
	CP_TCOUNT	Text Count, # of times	
	BCOUNT	Count number of block insert objects	
	EXTRIM	Trim everything outside	
	REDRAW	B-R-I-C-S-C-A-D Support	
	DDPSTYLE	Point Style Dialog	
	CP_DIMPREC	Change Dimension Precision	
	CP_SHOWPATHS	Show system & DWG paths	
	CP_DWGSET	Drawing Settings	
	CP_PLOTSTYLECOPY	Plot Style Copy (from OTHERCAD)	
	CP_PROXYREMOVER	Remove proxy references from entities	
	CP_APPLOAD	Load applications	

Support (BricsCAD only)

	CP_SUPPORTTV	Display BricsCAD support related videos	
	CP_MAINTENANCE	Quick tool to perform support-maintenance	

	CP_DWGSET	Drawing Settings	
	CP_SHOWPATHS	Show System and DWG paths Quick browse Windows and CAD system paths	
	CP_UPDATESUPPORT	Update Hatch patterns and/or fonts	
	CP_MERGEHATCH	Check and merge .PAT files	
	CP_CRASHREPORTMGR	Analyze & extract time-wise crash reports	
	CP_PLOTSTYLECOPY	Plot Styles copy (from OTHERCAD)	

Supported CAD platforms:



ZWCAD



Product Page URL:

<https://www.thedesignsense.com/cadpower>

