



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
_VERNUM	Version number	Not Saved	String	RTSTR		read only	Bricscad Only	No
ACADLSPASDOC	on_start.lsp for each doc	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
ACADPREFIX	Program folder path	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
ACADVER	AutoCAD version	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
ACISOUTVER	Acisout version	Not Saved	Integer	RTSHORT			AutoCAD, Bricscad	No
<b>AcisSaveAsMode</b>	<b>Acis save as mode</b>	<b>Registry</b>	<b>Integer</b>	<b>RTNONE</b>	<b>0</b>	<b>not loaded</b>	<b>Bricscad Only</b>	<b>Yes</b>
AFLAGS	Attribute options	Not Saved	Integer	RTSHORT	0		AutoCAD, Bricscad	No
AllowTabExternalMove	Move tabs externally (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
AllowTabMove	Move tabs (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
AllowTabSplit	Split tabs (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
ANGBASE	Angle base	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
ANGDIR	Angle direction	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
APBOX	Entity snap aperture box	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
APERTURE	Entity snap aperture	Registry	Integer	RTSHORT	10		AutoCAD, Bricscad	No
AREA	Area	Not Saved	Real	RTREAL		read only	AutoCAD, Bricscad	No
ATTDIA	Attribute dialog	Registry	Boolean	RTSHORT			AutoCAD, Bricscad	No
ATTMODE	Attribute display mode	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
AttractionDistance	Grips attraction distance	Profile	Integer	RTNONE	3		Bricscad Only	No
ATTREQ	Insertion default settings	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
AUDITCTL	Audit control	Registry	Boolean	RTSHORT			AutoCAD, Bricscad	No
AUNITS	Angular unit type	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
AUPREC	Angular unit precision	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
AUTOMENULOAD	Auto menu load	Registry	Boolean	RTSHORT	1		Bricscad Only	No
AutosaveChecksOnlyFirstBitDBMOD	Ignore all but first bit of DBMOD for autosave	Profile	Boolean	RTNONE	1		Bricscad Only	No
AUTOSNAP	AutoSnap	Registry	Integer	RTSHORT	63		AutoCAD, Bricscad	No
AutoTrackingVecColor	Auto tracking vector color	Profile	Integer	RTNONE	171		Bricscad Only	No
BACKZ	Back clipping plane offset	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
BASEFILE	Template	Registry	String	RTSTR			Bricscad Only	No
BINDTYPE	Xref bind type	Not Saved	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
BKGCOLOR	Background color	Registry	Integer	RTSHORT	256		Bricscad Only	No
BKGCOLORPS	Paper space background color	Registry	Integer	RTSHORT	256		Bricscad Only	No
BLIPMODE	Blip mode	Registry	Boolean	RTSHORT	0		Bricscad Only	No
BlocksPath	Blocks path	Profile	String	RTNONE			Bricscad Only	No
CACHELAYOUT	Cache layout	Registry	Boolean	RTSHORT	1		Bricscad Only	No
<b>CAMERADISPLAY</b>	<b>Camera display</b>	<b>Drawing</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>CAMERAHEIGHT</b>	<b>Camera height</b>	<b>Drawing</b>	<b>Real</b>	<b>RTREAL</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
CDATE	Calendar date	Not Saved	Real	RTREAL		read only	AutoCAD, Bricscad	No
CECOLOR	Entity color	Drawing	String	RTSTR	BYLAYER		AutoCAD, Bricscad	No
CELTSCALE	Entity linetype scale	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
CELTYPE	Entity linetype	Drawing	String	RTSTR	BYLAYER		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
CELWEIGHT	Entity lineweight	Drawing	Integer	RTSHORT	-1		AutoCAD, Bricscad	No
CHAMFERA	Chamfer first distance	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
CHAMFERB	Chamfer second distance	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
CHAMFERC	Chamfer length	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
CHAMFERD	Chamfer angle	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
CHAMMODE	Chamfer mode	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
CIRCLERAD	Circle radius	Not Saved	Real	RTREAL	0		AutoCAD, Bricscad	No
CLAYER	Current layer	Drawing	String	RTSTR	0		AutoCAD, Bricscad	No
ClipboardFormat	Clipboard format	Profile	Integer	RTNONE	7		Bricscad Only	No
CLISTATE	Command line state	Not Saved	Integer	RTSHORT	1	read only	Bricscad Only	No
CloseChecksOnlyFirstBitDBMOD	Ignore all but first bit of DBMOD for close	Profile	Boolean	RTNONE	0		Bricscad Only	No
<b>CMATERIAL</b>	<b>Current material</b>	<b>Drawing</b>	<b>String</b>	<b>RTSTR</b>	<b>BYLAYER</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
CMDACTIVE	Active command	Not Saved	Integer	RTSHORT		read only	AutoCAD, Bricscad	No
CMDDIA	Command dialogs	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
CMDECHO	Command echo	Not Saved	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
CmdLineEditBgColor	Command line edit background color	Profile	String	RTNONE	#f8f8f8		Bricscad Only	No
CmdLineEditFgColor	Command line edit foreground color	Profile	String	RTNONE	#000000		Bricscad Only	No
CmdLineFontName	Command line font name	Profile	String	RTNONE	Courier New		Bricscad Only	No
CmdLineFontSize	Command line font size	Profile	Integer	RTNONE	10		Bricscad Only	No
CmdLineListBgColor	Command line list background color	Profile	String	RTNONE	#ecf1ff		Bricscad Only	No
CmdLineListFgColor	Command line list foreground color	Profile	String	RTNONE	#000000		Bricscad Only	No
CMDLNTXT	Prompt prefix	Registry	String	RTSTR	:		Bricscad Only	No
CMDNAMES	Active Command Name	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
CMLJUST	Multiline justification	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
CMLSCALE	Multiline scale	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
CMLSTYLE	Multiline style	Drawing	String	RTSTR	STANDARD		AutoCAD, Bricscad	No
COLORX	X axis color	Registry	Integer	RTSHORT	1		Bricscad Only	No
COLORY	Y axis color	Registry	Integer	RTSHORT	3		Bricscad Only	No
COLORZ	Z axis color	Registry	Integer	RTSHORT	5		Bricscad Only	No
COMAcadCompatibility	COM Acad compatibility	Profile	Boolean	RTNONE	0		Bricscad Only	No
COMPASS	Compass	Not Saved	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
ContinuousMotion	Continuous motion	Profile	Boolean	RTNONE	0		Bricscad Only	No
COORDS	Coordinates	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
COPYMODE	Copy mode	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
CPLOTSTYLE	Current plot style	Drawing	String	RTSTR			AutoCAD, Bricscad	No
CPROFILE	Current profile	Registry	String	RTSTR	DEFAULT	read only	AutoCAD, Bricscad	No
CREATEVIEWPORTS	Automatic viewport creation	Registry	Boolean	RTSHORT	1		Bricscad Only	No
CROSSINGAREACOLOR	Crossing area color	Registry	Integer	RTSHORT	3		AutoCAD, Bricscad	No
CTAB	Current tab	Drawing	String	RTSTR			AutoCAD, Bricscad	No
CTABLESTYLE	Current table style	Drawing	String	RTSTR	STANDARD		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
CTRLMOUSE	Mouse shortcuts	Registry	Integer	RTSHORT	1		Bricscad Only	No
CURSORSIZE	Crosshairs size	Registry	Integer	RTSHORT	5		AutoCAD, Bricscad	No
CVPORT	Current viewport	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
DATE	Current date	Not Saved	Real	RTREAL		read only	AutoCAD, Bricscad	No
DBCSTATE	DbConnect state	Drawing	Boolean	RTSHORT	0	read only	Bricscad Only	No
DBCLKEDIT	Double click editing	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
DBMOD	Modification status	Not Saved	Integer	RTSHORT		read only	AutoCAD, Bricscad	No
DCTCUST	Custom spelling dictionary	Registry	String	RTSTR			AutoCAD, Bricscad	No
DCTMAIN	Main spelling dictionary	Registry	String	RTSTR			AutoCAD, Bricscad	No
<b>ddBetweenKnots</b>	<b>Distance between knots</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>2</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddFastMode</b>	<b>Fast mode</b>	<b>Profile</b>	<b>Boolean</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddGridAspectRatio</b>	<b>Grid aspect ratio</b>	<b>Profile</b>	<b>Real</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddMaxFacetEdgeLength</b>	<b>Maximum facet edge length</b>	<b>Profile</b>	<b>Real</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddMaxNumGridLines</b>	<b>Maximum number of grid lines</b>	<b>Profile</b>	<b>long</b>	<b>RTNONE</b>	<b>10000</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddNormalTol</b>	<b>Normal tolerance</b>	<b>Profile</b>	<b>Real</b>	<b>RTNONE</b>	<b>15</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddPointsPerEdge</b>	<b>Points per edge</b>	<b>Profile</b>	<b>long</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddSurfaceTol</b>	<b>Surface tolerance</b>	<b>Profile</b>	<b>Real</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>ddUseFacetRES</b>	<b>Use FACETRES system variable</b>	<b>Profile</b>	<b>Boolean</b>	<b>RTNONE</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
DEFLPSTYLE	Default layer plot style	Registry	String	RTSTR			AutoCAD, Bricscad	No
DEFPLSTYLE	Default entity plot style	Registry	String	RTSTR			AutoCAD, Bricscad	No
DELOBJ	Delete entity	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
DEMANDLOAD	Demand load	Registry	Integer	RTSHORT	3		AutoCAD, Bricscad	No
<b>DGNFRAME</b>	<b>DGN frame</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>2</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>DGNOSNAP</b>	<b>Dgn entity snap</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
DIASSTAT	Dialog state	Not Saved	Boolean	RTSHORT		read only	AutoCAD, Bricscad	No
DIMADEC	Dim angle precision	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMALT	Alt units	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMALTD	Alt precision	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
DIMALTF	Alt multiplier	Drawing	Real	RTREAL	25.4		AutoCAD, Bricscad	No
DIMALTRND	Alt roundoff	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
DIMALTTD	Alt tolerance precision	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
DIMALTTZ	Alt tolerance suppress zeros	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMALTU	Alt unit type	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
DIMALTZ	Alt suppress zeros	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMAPOST	Alt units prefix/suffix	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMARCSYM	Arc symbol	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMASO	Is Associative	Drawing	Boolean	RTSHORT	1	deprecated	AutoCAD, Bricscad	No
DIMASSOC	Associativity	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
DIMASZ	Arrow size	Drawing	Real	RTREAL	0.18		AutoCAD, Bricscad	No
DIMATFIT	Arrow and text fit	Drawing	Integer	RTSHORT	3		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
DIMAUNIT	Dim angle units	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMAZIN	Suppress angle zeros	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMBLK	Arrow	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMBLK1	Arrow 1	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMBLK2	Arrow 2	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMCEN	Center mark	Drawing	Real	RTREAL	0.09		AutoCAD, Bricscad	No
DIMCLRD	Dim line color	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMCLRE	Ext line color	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMCLRT	Text color	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMDEC	Dim precision	Drawing	Integer	RTSHORT	4		AutoCAD, Bricscad	No
DIMDLE	Dim line ext	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
DIMDLI	Dim baseline spacing	Drawing	Real	RTREAL	0.38		AutoCAD, Bricscad	No
DIMDSEP	Decimal separator	Drawing	String	RTSTR	.		AutoCAD, Bricscad	No
DIMEXE	Ext line ext	Drawing	Real	RTREAL	0.18		AutoCAD, Bricscad	No
DIMEXO	Ext line offset	Drawing	Real	RTREAL	0.0625		AutoCAD, Bricscad	No
DIMFIT	Dim fit	Drawing	Integer	RTSHORT	3	deprecated	AutoCAD, Bricscad	No
DIMFRAC	Fractional type	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMFXL	Ext line fixed length	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
DIMFXLON	Ext line fixed	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMGAP	Text offset	Drawing	Real	RTREAL	0.09		AutoCAD, Bricscad	No
DIMJOGANG	Jogged angle	Drawing	Real	RTREAL	45		AutoCAD, Bricscad	No
DIMJUST	Text pos hor	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMLDRBLK	Leader arrow	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMLFAC	Dim scale linear	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
DIMLIM	Tolerance method	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMLTEX1	Ext line 1 linetype	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMLTEX2	Ext line 2 linetype	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMLTYPE	Dim line linetype	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMLUNIT	Dim units	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
DIMLWD	Dim line LW	Drawing	Integer	RTSHORT	-1		AutoCAD, Bricscad	No
DIMLWE	Ext line LW	Drawing	Integer	RTSHORT	-1		AutoCAD, Bricscad	No
DIMPOST	Dim prefix/suffix	Drawing	String	RTSTR			AutoCAD, Bricscad	No
DIMRND	Dim round	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
DIMSAH	Arrowheads	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMSCALE	Dim scale overall	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
DIMSD1	Dim line ext 1	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMSD2	Dim line 2	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMSE1	Ext line ext 1	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMSE2	Ext line ext 2	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMSHO	Dimension show	Drawing	Boolean	RTSHORT	1	deprecated	AutoCAD, Bricscad	No





## Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
DIMSOXD	Dim line inside	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMSTYLE	Dimension style	Drawing	String	RTSTR	STANDARD	read only	AutoCAD, Bricscad	No
DIMTAD	Text pos vert	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMTDEC	Tolerance precision	Drawing	Integer	RTSHORT	4		AutoCAD, Bricscad	No
DIMTFAC	Tolerance text height	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
DIMTFILL	Text fill	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMTFILLCLR	Text fill color	Drawing	String	RTSTR	BYBLOCK		AutoCAD, Bricscad	No
DIMTIH	Text inside align	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
DIMTIX	Text inside	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMTM	Tolerance limit lower	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
DIMTMOVE	Text movement	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMTOFL	Dim line forced	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMTOH	Text outside align	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
DIMTOL	Tolerance display	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMTOLJ	Tolerance pos vert	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
DIMTP	Tolerance limit upper	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
DIMTSZ	Dim tick size	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
DIMTVP	Text offset vert	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
DIMTXSTY	Text style	Drawing	String	RTSTR	STANDARD		AutoCAD, Bricscad	No
DIMTXT	Text height	Drawing	Real	RTREAL	0.18		AutoCAD, Bricscad	No
<b>DIMTXTDIRECTION</b>	<b>Text direction</b>	<b>Drawing</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
DIMTZIN	Tolerance suppress zeros	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DIMUNIT	Dim unit type	Drawing	Integer	RTSHORT	2	deprecated	AutoCAD, Bricscad	No
DIMUPT	Place text manually	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DIMZIN	Suppress dim zeros	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DisplaySnapMarkerInAllViews	Snap marker in all views	Profile	Boolean	RTNONE	0		Bricscad Only	No
DisplayTooltips	Snap tooltips	Profile	Boolean	RTNONE	1		Bricscad Only	No
DISPPAPERBKG	Paper background	Registry	Boolean	RTSHORT	1		Bricscad Only	No
DISPPAPERMARGINS	Printable area	Registry	Boolean	RTSHORT	1		Bricscad Only	No
DISPSILH	Display silhouette curves	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
DISTANCE	Distance	Not Saved	Real	RTREAL		read only	AutoCAD, Bricscad	No
<b>DMAUTOUPDATE</b>	<b>3D constraints recalculation mode</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>DMRECOGNIZE</b>	<b>Automatic 3D geometry constraints recognition</b>	<b>Registry</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
DONUTID	Donut inside diameter	Not Saved	Real	RTREAL	0.5		AutoCAD, Bricscad	No
DONUTOD	Donut outside diameter	Not Saved	Real	RTREAL	1		AutoCAD, Bricscad	No
DRAGMODE	Entity dragging	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
DRAGOPEN	Drag open	Registry	Integer	RTSHORT	1		Bricscad Only	No
DRAGP1	Regen-drag rate	Registry	Integer	RTSHORT	10		AutoCAD, Bricscad	No
DRAGP2	Fast-drag rate	Registry	Integer	RTSHORT	25		AutoCAD, Bricscad	No
DrawingPath	Drawings path	Profile	String	RTNONE			Bricscad Only	No



## Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
DRAWORDERCTL	Draworder control	Drawing	Integer	RTSHORT	3		AutoCAD, Bricscad	No
<b>DWFFRAME</b>	<b>DWF frame</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>2</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>DWFOSNAP</b>	<b>Dwf entity snap</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
DWGCHECK	Drawing check	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
DWGCODEPAGE	Drawing codepage	Drawing	String	RTSTR		read only	AutoCAD, Bricscad	No
DWGNAME	Drawing name	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
DWGPREFIX	Drawing prefix	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
DWGTITLED	Drawing titled	Not Saved	Boolean	RTSHORT		read only	AutoCAD, Bricscad	No
<b>DXEVAL</b>	<b>Data extraction update mode</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>12</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>DxfTextAdjustAlignment</b>	<b>Dxf text adjust alignment</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTNONE</b>	<b>0</b>	<b>not loaded</b>	<b>Bricscad Only</b>	<b>Yes</b>
DYNDIGRIP	Show dynamic dimensions	Registry	Integer	RTSHORT	31		AutoCAD, Bricscad	No
DynDimColorHot	Dynamic dimension hot color	Profile	Integer	RTNONE	142		Bricscad Only	No
DynDimColorHover	Dynamic dimension hover color	Profile	Integer	RTNONE	142		Bricscad Only	No
DynDimDistance	Dynamic dimension distance	Profile	Real	RTNONE	1		Bricscad Only	No
DynDimLineType	Dynamic dimension linetype	Profile	Integer	RTNONE	1		Bricscad Only	No
DYNDIVIS	Dynamic dimension visibility	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
<b>DynInputTransparency</b>	<b>Transparency of dynamic input fields</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>65</b>		<b>Bricscad Only</b>	<b>Yes</b>
DYNMODE	Dynamic input mode	Registry	Integer	RTSHORT	3		AutoCAD, Bricscad	No
EDGEMODE	Edge mode	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
ELEVATION	Elevation	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
EnableAttraction	Grips attraction	Profile	Boolean	RTNONE	1		Bricscad Only	No
EnableHyperlinkMenu	Hyperlink menu	Profile	Boolean	RTNONE	1		Bricscad Only	No
EnableHyperlinkTooltip	Hyperlink tooltip	Profile	Boolean	RTNONE	0		Bricscad Only	No
ERRNO	Error number	Not Saved	Integer	RTSHORT	0	read only	Bricscad Only	No
EXPERT	Expert	Not Saved	Integer	RTSHORT	0		AutoCAD, Bricscad	No
EXPLMODE	Explode mode	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
<b>EXPORTMODELSPACE</b>	<b>Export model space</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>EXPORTPAGESETUP</b>	<b>Export page setup</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>EXPORTPAPERSPACE</b>	<b>Export paper space</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTNONE</b>	<b>0</b>	<b>not loaded</b>	<b>AutoCAD, Bricscad</b>	<b>Yes</b>
EXTMAX	Extents maximum	Drawing	pt3d	RT3DPOINT		read only	AutoCAD, Bricscad	No
EXTMIN	Extents minimum	Drawing	pt3d	RT3DPOINT		read only	AutoCAD, Bricscad	No
EXTNAMES	Extend names	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
FACETRATIO	Faceting aspect ratio	Not Saved	Integer	RTSHORT	0		AutoCAD, Bricscad	No
FACETRES	Facet resolution	Drawing	Real	RTREAL	0.5		AutoCAD, Bricscad	No
<b>FIELDDISPLAY</b>	<b>Field display</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
FIELDEVAL	Field update mode	Drawing	Integer	RTSHORT	31		AutoCAD, Bricscad	No
FILEDIA	File dialog	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
FILLETRAD	Fillet radius	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
FILLMODE	Fill mode	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
FONTALT	Alternate font	Registry	String	RTSTR	simplex.shx		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
FONTMAP	Font mapping file	Registry	String	RTSTR	default.fmp		AutoCAD, Bricscad	No
<b>FRAME</b>	<b>Frame</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>3</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
FRONTZ	Front clipping plane offset	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
FULLOPEN	Full open	Not Saved	Integer	RTSHORT		read only	AutoCAD, Bricscad	No
<b>GEOLATLONGFORMAT</b>	<b>Geographic latitude/longitude format</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>GEOMARKERVISIBILITY</b>	<b>Geographic marker visibility</b>	<b>Drawing</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
GLSWAPMODE	GL Swap Mode	Registry	Integer	RTSHORT	2		Bricscad Only	No
GRIDAXISCOLOR	Grid axis color	Registry	Integer	RTSHORT	251		Bricscad Only	No
GRIDDISPLAY	Grid display	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
GRIDMAJOR	Grid major	Drawing	Integer	RTSHORT	100		AutoCAD, Bricscad	No
GRIDMAJORCOLOR	Grid major color	Registry	Integer	RTSHORT	252		Bricscad Only	No
GRIDMINORCOLOR	Grid minor color	Registry	Integer	RTSHORT	253		Bricscad Only	No
GRIDMODE	Grid mode	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
GRIDSTYLE	Grid style	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
GRIDUNIT	Grid unit	Drawing	pt2d	RTPOINT	0.5;0.5		AutoCAD, Bricscad	No
GRIDXYZTINT	Grid XYZ tint	Registry	Integer	RTSHORT	1		Bricscad Only	No
GRIPBLOCK	Grips in blocks	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
GRIPCOLOR	Grip color	Registry	Integer	RTSHORT	160		AutoCAD, Bricscad	No
<b>GRIPDYNCOLOR</b>	<b>Dynamic grip color</b>	<b>Registry</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>140</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
GRIPHOT	Selected grip color	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
GRIPHOVER	Hover grip color	Registry	Integer	RTSHORT	3		AutoCAD, Bricscad	No
GRIPOBJLIMIT	Grip object limit	Registry	Integer	RTSHORT	100		AutoCAD, Bricscad	No
GRIPS	Grips	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
GRIPSIZE	Grip size	Registry	Integer	RTSHORT	5		AutoCAD, Bricscad	No
<b>GRIPTIPS</b>	<b>Grip tips</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
GsDeviceType	Graphic system device	Profile	Integer	RTNONE	0		Bricscad Only	No
HALOGAP	Halo gap	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
HANDLES	Publish Handles	Drawing	Boolean	RTSHORT	1	read only	AutoCAD, Bricscad	No
HANDSEED	Handle seed	Not Saved	String	RTSTR	25	read only	Bricscad Only	No
HIDEPRECISION	Hide and shade precision	Not Saved	Integer	RTSHORT	0		AutoCAD, Bricscad	No
HIDETEXT	Hide text on HIDE	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
HIGHLIGHT	Highlight	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
HIGHLIGHTCOLOR	GL Selection Highlight Color	Registry	Integer	RTSHORT	142		Bricscad Only	No
HIGHLIGHTEFFECT	GL Selection Highlight Style	Registry	Integer	RTSHORT	0		Bricscad Only	No
HPANG	Hatch pattern angle	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
HPASSOC	Hatch pattern associativity	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
HPBOUND	Hatch pattern boundary	Not Saved	Integer	RTSHORT	1		AutoCAD, Bricscad	No
HPDOUBLE	Hatch pattern doubling	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
HPDRAWORDER	Hatch pattern draw order	Not Saved	Integer	RTSHORT	3		AutoCAD, Bricscad	No
HPGAPTOL	Hatch pattern gap tolerance	Registry	Real	RTREAL	0		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
HPNAME	Hatch pattern name	Not Saved	String	RTSTR	ANSI31		AutoCAD, Bricscad	No
HPOBJWARNING	Hatch pattern object warning	Registry	long	RTLONG	10000		AutoCAD, Bricscad	No
HPORIGIN	Hatch pattern origin	Drawing	pt2d	RTPOINT	0;0		AutoCAD, Bricscad	No
HPSCALE	Hatch pattern scale	Not Saved	Real	RTREAL	1		AutoCAD, Bricscad	No
HPSEPARATE	Hatch pattern separate	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
HPSPACE	Hatch pattern spacing	Not Saved	Real	RTREAL	1		AutoCAD, Bricscad	No
HPSTYLE	Hatch pattern style	Not Saved	Integer	RTSHORT	0		Bricscad Only	No
HYPERLINKBASE	Hyperlink base	Drawing	String	RTSTR			AutoCAD, Bricscad	No
<b>IMAGEFRAME</b>	<b>Image frame</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
IMAGEHLT	Image highlight	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
INDEXCTL	Index control	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
INETLOCATION	Internet location	Registry	String	RTSTR	http://www.bricsys.com		AutoCAD, Bricscad	No
INSBASE	Insertion base point	Drawing	pt3d	RT3DPOINT	0;0;0		AutoCAD, Bricscad	No
INSNAME	Insertion name	Drawing	String	RTSTR			AutoCAD, Bricscad	No
INSUNITS	Insertion units	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
INSUNITSDEFSOURCE	Insertion units default source	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
INSUNITSDEFTARGET	Insertion units default target	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
<b>INTERFERECOLOR</b>	<b>Interference color</b>	<b>Drawing</b>	<b>String</b>	<b>RTSTR</b>	<b>BYLAYER</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>INTERFEREOBJS</b>	<b>Interference object visual style</b>	<b>Drawing</b>	<b>String</b>	<b>RTSTR</b>			<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>INTERFEREVPVS</b>	<b>Interference viewport visual style</b>	<b>Drawing</b>	<b>String</b>	<b>RTSTR</b>			<b>AutoCAD, Bricscad</b>	<b>Yes</b>
INTERSECTIONCOLOR	Intersection color	Drawing	Integer	RTSHORT	257		AutoCAD, Bricscad	No
INTERSECTIONDISPLAY	Intersection display	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
ISAVEBAK	Incremental save backup	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
ISAVEPERCENT	Save percent	Registry	Integer	RTSHORT	50		AutoCAD, Bricscad	No
ISOLINES	Isolines	Drawing	Integer	RTSHORT	4		AutoCAD, Bricscad	No
LASTANGLE	Last angle	Not Saved	Real	RTREAL		read only	AutoCAD, Bricscad	No
LASTPOINT	Last point	Not Saved	pt3d	RT3DPOINT	0;0;0		AutoCAD, Bricscad	No
LASTPROMPT	Last prompt	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
LATITUDE	Latitude	Drawing	Real	RTREAL	37.795		AutoCAD, Bricscad	No
LAYOUTREGENCTL	Layout regeneration control	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
LENSLENGTH	Lens length	Drawing	Real	RTREAL	50	read only	AutoCAD, Bricscad	No
LICFLAGS	Licensed components	Not Saved	Integer	RTSHORT	0	read only	Bricscad Only	No
LightGlyphColor	Color for light glyph	Profile	Integer	RTNONE	30		Bricscad Only	No
<b>LIGHTGLYPHDISPLAY</b>	<b>Light glyph display</b>	<b>Drawing</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
LIGHTINGUNITS	Lighting units	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
LightWebGlyphColor	Color for web light glyph	Profile	Integer	RTNONE	1		Bricscad Only	No
LIMCHECK	Limits check	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
LIMMAX	Limits maximum	Drawing	pt2d	RTPOINT	12;9		AutoCAD, Bricscad	No
LIMMIN	Limits minimum	Drawing	pt2d	RTPOINT	0;0		AutoCAD, Bricscad	No
LISPINIT	LISP init	Registry	Integer	RTSHORT	1		Bricscad Only	No





## Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
LOCALE	Locale	Not Saved	String	RTSTR	enu	read only	AutoCAD, Bricscad	No
LOCALROOTPREFIX	Local root prefix	Registry	String	RTSTR		read only	AutoCAD, Bricscad	No
LOFTANG1	Loft angle 1	Drawing	Real	RTREAL	90		AutoCAD, Bricscad	No
LOFTANG2	Loft angle 2	Drawing	Real	RTREAL	90		AutoCAD, Bricscad	No
LOFTMAG1	Loft magnitude 1	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
LOFTMAG2	Loft magnitude 2	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
LOFTNORMALS	Loft normals	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
LOFTPARAM	Loft param	Drawing	Integer	RTSHORT	7		AutoCAD, Bricscad	No
LOGFILEMODE	Log file mode	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
LOGFILENAME	Log file name	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
LOGFILEPATH	Log file path	Registry	String	RTSTR			AutoCAD, Bricscad	No
LOGINNAME	Login name	Registry	String	RTSTR		read only	AutoCAD, Bricscad	No
LONGITUDE	Longitude	Drawing	Real	RTREAL	-122.394		AutoCAD, Bricscad	No
LTSCALE	Linetype scale	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
LUNITS	Linear unit type	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
LUPREC	Linear unit precision	Drawing	Integer	RTSHORT	4		AutoCAD, Bricscad	No
LWDEFAULT	Default lineweight	Registry	Integer	RTSHORT	25		AutoCAD, Bricscad	No
LWDISPLAY	Lineweight display	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
LWDISPSCALE	Lineweight display scale	Registry	Real	RTREAL	0.55		Bricscad Only	No
LWUNITS	Lineweight units	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
MACROREC	Macro recording	Not Saved	Boolean	RTSHORT			Bricscad Only	No
MAXACTVP	Maximum active viewports	Drawing	Integer	RTSHORT	64		AutoCAD, Bricscad	No
MAXHATCH	Maximum hatch dashes	Registry	Integer	RTLONG	100000		Bricscad Only	No
MAXSORT	Maximum sort	Registry	Integer	RTSHORT	1000		AutoCAD, Bricscad	No
MBUTTONPAN	Middle button pan	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
MEASUREINIT	Measurement initial	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
MEASUREMENT	Measurement	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
MENUCTL	Menu control	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
MENUECHO	Menu echo	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
MENUNAME	Menu name	Registry	String	RTSTR		read only	AutoCAD, Bricscad	No
<b>MESHTYPE</b>	<b>Mesh type</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
MiddleClickClose	Middle click close (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
MILLISECS	Milliseconds	Not Saved	long	RTLONG		read only	Bricscad Only	No
MIRRTEXT	Mirror text	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
MODEMACRO	Mode macro	Not Saved	String	RTSTR			AutoCAD, Bricscad	No
MSOLESCALE	Model space OLE scale	Drawing	Real	RTREAL	1		AutoCAD, Bricscad	No
MTEXTED	Multiline text editor	Registry	String	RTSTR	Internal		AutoCAD, Bricscad	No
MTEXTFIXED	Multiline text fixed	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
NFILELIST	Recent file list	Registry	Integer	RTSHORT	4		Bricscad Only	No
NOMUTT	No muttering	Not Saved	Boolean	RTSHORT	0		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
NORTHDIRECTION	North direction	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
OBSCUREDCOLOR	Obscured color	Drawing	Integer	RTSHORT	257		AutoCAD, Bricscad	No
OBSCUREDLTYPE	Obscured linetype	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
OFFSETDIST	Offset distance	Not Saved	Real	RTREAL	-1		AutoCAD, Bricscad	No
OFFSETERASE	Offset erase	Registry	Boolean	RTSHORT	0		Bricscad Only	No
OFFSETGAPTYPE	Offset gap type	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
<b>OLEFRAME</b>	<b>OLE frame</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>2</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
OLEHIDE	OLE hide	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
OLEQUALITY	OLE quality	Registry	Integer	RTSHORT	3		AutoCAD, Bricscad	No
OLESTARTUP	OLE startup	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
OPMSTATE	Properties bar state	Not Saved	Integer	RTSHORT	1	read only	Bricscad Only	No
ORTHOMODE	Orthogonal mode	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
OSMODE	Entity snap mode	Registry	Integer	RTSHORT	4133		AutoCAD, Bricscad	No
OSNAPCOORD	Entity snap coordinates	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
<b>OSNAPZ</b>	<b>Ignore entity snap elevation</b>	<b>Not Saved</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
PanBuffer	Pan buffer	Profile	Boolean	RTNONE	1		Bricscad Only	No
PAPERUPDATE	Paper update	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
PdfEmbeddedTtf	Pdf embedded fonts	Profile	Boolean	RTNONE	1		Bricscad Only	No
PDFFRAME	PDF frame	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
PdfLayersSetting	Pdf layer support	Profile	Integer	RTNONE	1		Bricscad Only	No
PdfLayoutsToExport	Pdf layouts to export	Profile	Integer	RTNONE	0		Bricscad Only	No
PDFOSNAP	Pdf entity snap	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
PdfPaperHeight	Pdf overridden paper height	Profile	Integer	RTNONE	297		Bricscad Only	No
PdfPaperSizeOverride	Pdf papersize override	Profile	Boolean	RTNONE	0		Bricscad Only	No
PdfPaperWidth	Pdf overridden paper width	Profile	Integer	RTNONE	210		Bricscad Only	No
PdfShxTextAsGeometry	Pdf SHX text as geometry	Profile	Boolean	RTNONE	0		Bricscad Only	No
PdfSimpleGeomOptimization	Pdf simple geometry optimization	Profile	Boolean	RTNONE	1		Bricscad Only	No
PdfTtfTextAsGeometry	Pdf TTF text as geometry	Profile	Boolean	RTNONE	0		Bricscad Only	No
PdfUsePlotStyles	Pdf use plotstyles	Profile	Boolean	RTNONE	1		Bricscad Only	No
PdfZoomToExtentsMode	Pdf zoom to extents mode	Profile	Boolean	RTNONE	1		Bricscad Only	No
PDMODE	Point display mode	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
PDSIZE	Point display size	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
PEDITACCEPT	Polyline edit accept	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
PELLIPSE	Polyline ellipse	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
PERIMETER	Last perimeter	Not Saved	Real	RTREAL		read only	AutoCAD, Bricscad	No
PERSPECTIVE	Perspective	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
PFACEVMAX	Polyface mesh maximum vertices	Not Saved	Integer	RTSHORT	4	read only	AutoCAD, Bricscad	No
PICKADD	Pick add	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
PICKAUTO	Pick automatic	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
PICKBOX	Pick box	Registry	Integer	RTSHORT	3		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
PICKDRAG	Pick drag	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
PICKFIRST	Pick first	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
PICKSTYLE	Pick style	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
<b>PlacesBarFolder1</b>	<b>First folder</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>PlacesBarFolder2</b>	<b>Second folder</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>PlacesBarFolder3</b>	<b>Third folder</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>3</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>PlacesBarFolder4</b>	<b>Fourth folder</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>5</b>		<b>Bricscad Only</b>	<b>Yes</b>
PLATFORM	Platform	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
<b>PLINECACHE</b>	<b>Polyline cache</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
PLINEGEN	Polyline generation	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
PLINETYPE	Polyline type	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
PLINEWID	Polyline width	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
PlotCfgPath	Plotter configuration path	Profile	String	RTNONE			Bricscad Only	No
PLOTID	Plot id	Registry	String	RTSTR		deprecated	Bricscad Only	No
PlotOutputPath	Plot output path	Profile	String	RTNONE			Bricscad Only	No
PlotStylePath	Plot styles path	Profile	String	RTNONE			Bricscad Only	No
PLOTTER	Plotter	Registry	Integer	RTSHORT		deprecated	Bricscad Only	No
PLQUIET	Plot quiet	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
POLARADDANG	Polar add angles	Registry	String	RTSTR			AutoCAD, Bricscad	No
POLARANG	Polar angle	Registry	Real	RTREAL	90		AutoCAD, Bricscad	No
POLARDIST	Polar distance	Registry	Real	RTREAL	0		AutoCAD, Bricscad	No
POLARMODE	Polar mode	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
POLYSIDES	Polygon sides	Not Saved	Integer	RTSHORT	4		AutoCAD, Bricscad	No
POPUPS	Popups	Not Saved	Boolean	RTSHORT		read only	AutoCAD, Bricscad	No
<b>PreviewDelay</b>	<b>Delay to preview selection</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>30</b>		<b>Bricscad Only</b>	<b>Yes</b>
PREVIEWEFFECT	Selection preview effect	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
PREVIEWFILTER	Selection preview filter	Registry	Integer	RTSHORT	7		AutoCAD, Bricscad	No
<b>PREVIEWSUBENTS</b>	<b>Preview selection of subentities</b>	<b>Registry</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>3</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>PREVIEWTYPE</b>	<b>Preview type</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
PreviewWndInOpenDlg	Preview window in open dialog	Profile	Boolean	RTNONE	1		Bricscad Only	No
<b>PrintFile</b>	<b>Print file</b>	<b>Profile</b>	<b>String</b>	<b>RTNONE</b>	.		<b>Bricscad Only</b>	<b>Yes</b>
PRODUCT	Product	Not Saved	String	RTSTR	Bricscad	read only	Bricscad Only	No
PROGBAR	Progress bar	Not Saved	Boolean	RTSHORT	1		Bricscad Only	No
PROGRAM	Program	Not Saved	String	RTSTR	Bricscad	read only	Bricscad Only	No
PROJECTNAME	Project name	Drawing	String	RTSTR			AutoCAD, Bricscad	No
ProjectSearchPaths	Project search paths	Profile	String	RTNONE			Bricscad Only	No
PROJMODE	Projection mode	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
PROMPTMENU	Prompt menu	Registry	Integer	RTSHORT	3		Bricscad Only	No
PromptMenuFlags	Prompt menu flags	Profile	Integer	RTNONE	0		Bricscad Only	No
PROXYGRAPHICS	Proxy graphics	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
PROXYNOTICE	Proxy notice	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
PROXYSHOW	Proxy show	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
PROXYWEBSEARCH	Proxy web search	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
PSLTSCALE	Paper space linetype scale	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
<b>PSOLHEIGHT</b>	<b>Polysolid height</b>	<b>Drawing</b>	<b>Real</b>	<b>RTREAL</b>	<b>4</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
<b>PSOLWIDTH</b>	<b>Polysolid width</b>	<b>Drawing</b>	<b>Real</b>	<b>RTREAL</b>	<b>0.25</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
PSTYLEMODE	Plot style mode	Drawing	Integer	RTSHORT	1	read only	AutoCAD, Bricscad	No
PSTYLEPOLICY	Plot style policy	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
PSVPSCALE	Paper space viewport scale	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
PUCSBASE	Paper space UCS base	Drawing	String	RTSTR		read only	AutoCAD, Bricscad	No
QAFLAGS	Quality Assurance flags	Registry	Integer	RTSHORT	0		Bricscad Only	No
QTEXTMODE	Quick text mode	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
<b>QUADDISPLAY</b>	<b>Quad</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>QuadHideDelay</b>	<b>Delay to hide quad when the mouse moves</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>1000</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>QuadShowDelay</b>	<b>Delay to show quad after highlighting a (sub)entity</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>100</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>QuadToolTips</b>	<b>Quad tooltips</b>	<b>Profile</b>	<b>Boolean</b>	<b>RTNONE</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>R12SaveAccuracy</b>	<b>R12 Save accuracy</b>	<b>Registry</b>	<b>Integer</b>	<b>RTNONE</b>	<b>8</b>	not loaded	<b>Bricscad Only</b>	<b>Yes</b>
<b>R12SaveDeviation</b>	<b>R12 Save deviation</b>	<b>Registry</b>	<b>Real</b>	<b>RTNONE</b>	<b>0</b>	not loaded	<b>Bricscad Only</b>	<b>Yes</b>
RASTERPREVIEW	Raster preview	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
RE_INIT	Reinitialize Aliases	Not Saved	Integer	RTSHORT	0	read only	Bricscad Only	No
RealTimeSpeedUp	Realtime speedup	Profile	Integer	RTNONE	5		Bricscad Only	No
<b>REALWORLDSCALE</b>	<b>Real world scale</b>	<b>Drawing</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
RecentPath	Recent path	Profile	String	RTNONE			Bricscad Only	No
RefeditLockNotInWorkset	Refedit lock	Profile	Boolean	RTNONE	0		Bricscad Only	No
REFEDITNAME	Refedit name	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
REGENMODE	Regeneration mode	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
REMEMBERFOLDERS	Remember folders	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
RenderUsingHardware	Render using hardware	Profile	Boolean	RTNONE	1		Bricscad Only	No
RevCloudArcStyle	Revision cloud default arc style	Profile	Integer	RTNONE	0		Bricscad Only	No
RevCloudMaxArcLength	Revision cloud default maximum arc length	Profile	Real	RTNONE	0.375		Bricscad Only	No
RevCloudMinArcLength	Revision cloud default minimum arc length	Profile	Real	RTNONE	0.375		Bricscad Only	No
ROAMABLEROOTPREFIX	Roamable root prefix	Registry	String	RTSTR		read only	AutoCAD, Bricscad	No
RTDISPLAY	Realtime display	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
SaveChangeToLayout	Save changes to layout	Profile	Boolean	RTNONE	1		Bricscad Only	No
<b>SAVEFIDELITY</b>	<b>Save fidelity</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
SAVEFILE	Save file name	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
SAVEFILEPATH	Save file path	Registry	String	RTSTR			AutoCAD, Bricscad	No
SaveFormat	Save format	Profile	Integer	RTNONE	1		Bricscad Only	No
SAVENAME	Saved drawing name	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
<b>SAVEROUNDTRIP</b>	<b>Save roundtrip</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>





## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
SAVETIME	Save time interval	Registry	Integer	RTSHORT	10		AutoCAD, Bricscad	No
SCREENBOXES	Screen menu boxes	Not Saved	Integer	RTSHORT		read only	AutoCAD, Bricscad	No
SCREENMODE	Screen mode	Not Saved	Integer	RTSHORT		read only	AutoCAD, Bricscad	No
SCREENSIZE	Screen size	Not Saved	pt2d	RTPOINT		read only	AutoCAD, Bricscad	No
SCRLHIST	Scroll history	Registry	Integer	RTSHORT	256		Bricscad Only	No
SDI	Single-document interface	Registry	Integer	RTSHORT	0	read only	Bricscad Only	No
SELECTIONAREA	Selection area	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
SELECTIONAREAOPACITY	Selection area opacity	Registry	Integer	RTSHORT	25		AutoCAD, Bricscad	No
SELECTIONPREVIEW	Selection preview display	Registry	Integer	RTSHORT	3		AutoCAD, Bricscad	No
SHADEEDGE	Shading edges	Drawing	Integer	RTSHORT	3		AutoCAD, Bricscad	No
SHADEDIF	Shading diffusion	Drawing	Integer	RTSHORT	70		AutoCAD, Bricscad	No
SHORTCUTMENU	Shortcut menus	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
ShowFullPathInTitle	Display full path in title	Profile	Boolean	RTNONE	0		Bricscad Only	No
ShowScrollButtons	Scroll buttons (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
ShowTabCloseButton	Close button on tabs (Linux)	Profile	Boolean	RTNONE	0		Bricscad Only	No
ShowTabCloseButtonActive	Close button on active tab (Linux)	Profile	Boolean	RTNONE	0		Bricscad Only	No
ShowTabCloseButtonAll	Close button on all tabs (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
ShowTabControls	Tabs visibility (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
ShowWindowListButton	Window list button (Linux)	Profile	Boolean	RTNONE	1		Bricscad Only	No
SHPNAME	Shape name	Not Saved	String	RTSTR			AutoCAD, Bricscad	No
SingletonMode	Singleton mode	Profile	Boolean	RTNONE	0		Bricscad Only	No
SKETCHINC	Sketch increment	Drawing	Real	RTREAL	0.1		AutoCAD, Bricscad	No
SKPOLY	Sketch poly	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
<b>SKYSTATUS</b>	<b>Sky status</b>	<b>Drawing</b>	<b>Integer</b>	<b>RTSHORT</b>	<b>0</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
SNAPANG	Snap angle	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
SNAPBASE	Snap base	Drawing	pt2d	RTPOINT	0;0		AutoCAD, Bricscad	No
SNAPISOPAIR	Snap isometric pair	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
SnapMarkerColor	Snap marker color	Profile	Integer	RTNONE	20		Bricscad Only	No
SnapMarkerSize	Snap marker size	Profile	Integer	RTNONE	6		Bricscad Only	No
SnapMarkerThickness	Snap marker thickness	Profile	Integer	RTNONE	2		Bricscad Only	No
SNAPMODE	Snap mode	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
SNAPSTYL	Snap style	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
SNAPTYPE	Snap type	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
SNAPUNIT	Snap unit	Drawing	pt2d	RTPOINT	0.5;0.5		AutoCAD, Bricscad	No
SOLIDCHECK	Solid check	Not Saved	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
SORTENTS	Sort entities	Drawing	Integer	RTSHORT	96		AutoCAD, Bricscad	No
<b>spaAdjustMode</b>	<b>Adjust mode</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>spaGridAspectRatio</b>	<b>Grid aspect ratio</b>	<b>Profile</b>	<b>Real</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>spaGridMode</b>	<b>Grid mode</b>	<b>Profile</b>	<b>Integer</b>	<b>RTNONE</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
<b>spaMaxFacetEdgeLength</b>	<b>Maximum facet edge length</b>	<b>Profile</b>	<b>Real</b>	<b>RTNONE</b>	<b>0</b>		<b>Bricscad Only</b>	<b>Yes</b>



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
spaMaxNumGridLines	Maximum number of grid lines	Profile	long	RTNONE	512		Bricscad Only	Yes
spaMinUGridLines	Minimum number of U grid lines	Profile	long	RTNONE	0		Bricscad Only	Yes
spaMinVGridLines	Minimum number of V grid lines	Profile	long	RTNONE	0		Bricscad Only	Yes
spaNormalTol	Normal tolerance	Profile	Real	RTNONE	15		Bricscad Only	Yes
spaSurfaceTol	Surface tolerance	Profile	Real	RTNONE	-1		Bricscad Only	Yes
spaTriangMode	Triangulation mode	Profile	Integer	RTNONE	1		Bricscad Only	Yes
spaUseFacetRES	Use FACETRES system variable	Profile	Boolean	RTNONE	1		Bricscad Only	Yes
SPLFRAME	Spline frame	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
SPLINESEGS	Spline segments	Drawing	Integer	RTSHORT	8		AutoCAD, Bricscad	No
SPLINETYPE	Spline type	Drawing	Integer	RTSHORT	6		AutoCAD, Bricscad	No
SRCHPATH	Support File Search path	Registry	String	RTSTR			Bricscad Only	No
STARTUP	Startup	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
STEPSIZE	Step size	Drawing	Real	RTREAL	6		AutoCAD, Bricscad	Yes
STEPSPERSEC	Steps per second	Drawing	Real	RTREAL	2		AutoCAD, Bricscad	Yes
SURFTAB1	Surface tabulation 1	Drawing	Integer	RTSHORT	6		AutoCAD, Bricscad	No
SURFTAB2	Surface tabulation 2	Drawing	Integer	RTSHORT	6		AutoCAD, Bricscad	No
SURFTYPE	Surface-fitting type	Drawing	Integer	RTSHORT	6		AutoCAD, Bricscad	No
SURFU	Surface U	Drawing	Integer	RTSHORT	6		AutoCAD, Bricscad	No
SURFV	Surface V	Drawing	Integer	RTSHORT	6		AutoCAD, Bricscad	No
SvgBlendedGradients	Svg Blended Gradients	Profile	Integer	RTNONE	0		Bricscad Only	No
SvgDefaultImageExtension	Svg Default Image Extension	Profile	String	RTNONE	.png		Bricscad Only	No
SvgGenericFontFamily	Svg Generic Font Family	Profile	Integer	RTNONE	0		Bricscad Only	No
SvgHiddenLineRemoving	Svg Hidden Line Removing	Profile	Integer	RTNONE	0		Bricscad Only	No
SvgImageBase	Svg Image base path	Profile	String	RTNONE			Bricscad Only	No
SvgImageUrl	Svg Image Url	Profile	String	RTNONE			Bricscad Only	No
SvgLineWeightScale	Svg Line Weight Scale	Profile	Real	RTNONE	1		Bricscad Only	No
SvgOutputHeight	Svg Output Height (in points)	Profile	Integer	RTNONE	768		Bricscad Only	No
SvgOutputWidth	Svg Output Width (in points)	Profile	Integer	RTNONE	1024		Bricscad Only	No
SvgPrecision	Svg Floating Point Precision	Profile	Integer	RTNONE	6		Bricscad Only	No
SYSCODEPAGE	System code page	Not Saved	String	RTSTR		read only	AutoCAD, Bricscad	No
TabControlHeight	Tab control height in pixels (Linux)	Profile	Integer	RTNONE	25		Bricscad Only	No
TABMODE	Tablet mode	Not Saved	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
TabsFixedWidth	Tabs fixed width (Linux)	Profile	Boolean	RTNONE	0		Bricscad Only	No
TARGET	Target	Drawing	pt3d	RT3DPOINT		read only	AutoCAD, Bricscad	No
TDCREATE	Time/Date create	Drawing	Real	RTREAL		read only	AutoCAD, Bricscad	No
TDINDWG	Time/Date in drawing	Drawing	Real	RTREAL		read only	AutoCAD, Bricscad	No
TDUCREATE	Time/Date universal create	Drawing	Real	RTREAL		read only	AutoCAD, Bricscad	No
TDUPDATE	Time/Date update	Drawing	Real	RTREAL		read only	AutoCAD, Bricscad	No
TDUSRTIMER	Time/Date user timer	Drawing	Real	RTREAL		read only	AutoCAD, Bricscad	No
TDUUPDATE	Time/Date universal update	Drawing	Real	RTREAL		read only	AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
TemplatePath	Template path	Profile	String	RTNONE			Bricscad Only	No
TEMPPREFIX	Temporary prefix	Registry	String	RTSTR			AutoCAD, Bricscad	No
TEXTANGLE	Text angle	Not Saved	Real	RTREAL	0		Bricscad Only	No
TEXTEVAL	Text evaluation	Not Saved	Integer	RTSHORT	0		AutoCAD, Bricscad	No
TEXTFILL	Text fill	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
TEXTQLTY	Text quality	Not Saved	Integer	RTSHORT	50		AutoCAD, Bricscad	No
TEXTSIZE	Text size	Drawing	Real	RTREAL	0.2		AutoCAD, Bricscad	No
TEXTSTYLE	Text style	Drawing	String	RTSTR	STANDARD		AutoCAD, Bricscad	No
TextureMapPath	Texture map path	Profile	String	RTNONE			Bricscad Only	No
THICKNESS	Thickness	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
TILEMODE	Tile mode	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
<b>TILEMODELIGHTSYNCH</b>	<b>Tile mode light synch</b>	<b>Drawing</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>Bricscad Only</b>	<b>Yes</b>
TIMEZONE	Timezone	Drawing	Integer	RTSHORT	-8000		AutoCAD, Bricscad	No
TRACEWID	Trace width	Drawing	Real	RTREAL	0.05		Bricscad Only	No
TRACKPATH	Track path	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
TREEDEPTH	Tree depth	Drawing	Integer	RTSHORT	3020		AutoCAD, Bricscad	No
TREEMAX	Tree maximum	Registry	long	RTLONG	10000000		AutoCAD, Bricscad	No
TRIMMODE	Trim mode	Registry	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
TSPACEFAC	Text space factor	Not Saved	Real	RTREAL	1		AutoCAD, Bricscad	No
TSPACEFAC	Text space type	Registry	Integer	RTSHORT	1		AutoCAD, Bricscad	No
TSTACKALIGN	Text stack align	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
TSTACKSIZE	Text stack size	Drawing	Integer	RTSHORT	70		AutoCAD, Bricscad	No
UCSAXISANG	UCS axis angle	Registry	Integer	RTSHORT	90		AutoCAD, Bricscad	No
UCSBASE	UCS base	Drawing	String	RTSTR	WORLD		AutoCAD, Bricscad	No
UCSFOLLOW	UCS follow	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
UCSICON	UCS icon	Drawing	Integer	RTSHORT	3		AutoCAD, Bricscad	No
UCSICONPOS	UCS icon position	Registry	Integer	RTSHORT	0		Bricscad Only	No
UCSNAME	UCS name	Drawing	String	RTSTR		read only	AutoCAD, Bricscad	No
UCSORG	UCS origin	Drawing	pt3d	RT3DPOINT	0;0;0	read only	AutoCAD, Bricscad	No
<b>UCSVIEW</b>	<b>UCS view</b>	<b>Registry</b>	<b>Boolean</b>	<b>RTSHORT</b>	<b>1</b>		<b>AutoCAD, Bricscad</b>	<b>Yes</b>
UCSVP	UCS viewports	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
UCSXDIR	UCS X direction	Drawing	pt3d	RT3DPOINT	1;0;0	read only	AutoCAD, Bricscad	No
UCSYDIR	UCS Y direction	Drawing	pt3d	RT3DPOINT	0;1;0	read only	AutoCAD, Bricscad	No
UNDOCTL	Undo control	Not Saved	Integer	RTSHORT	1	read only	AutoCAD, Bricscad	No
UNDOMARKS	Undo marks	Not Saved	Integer	RTSHORT		read only	AutoCAD, Bricscad	No
UNITMODE	Unit mode	Drawing	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
UseRegistryValues	Reuse previous print settings	Profile	Boolean	RTNONE	0		Bricscad Only	No
USERI1	User integer 1	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
USERI2	User integer 2	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
USERI3	User integer 3	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No



## Bricscad V12 System Variable Summary

**Key:**

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
USERI4	User integer 4	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
USERI5	User integer 5	Drawing	Integer	RTSHORT	0		AutoCAD, Bricscad	No
USERR1	User real 1	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
USERR2	User real 2	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
USERR3	User real 3	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
USERR4	User real 4	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
USERR5	User real 5	Drawing	Real	RTREAL	0		AutoCAD, Bricscad	No
USERS1	User string 1	Not Saved	String	RTSTR			AutoCAD, Bricscad	No
USERS2	User string 2	Not Saved	String	RTSTR			AutoCAD, Bricscad	No
USERS3	User string 3	Not Saved	String	RTSTR			AutoCAD, Bricscad	No
USERS4	User string 4	Not Saved	String	RTSTR			AutoCAD, Bricscad	No
USERS5	User string 5	Not Saved	String	RTSTR			AutoCAD, Bricscad	No
UseStandardOpenFileDialog	Use standard open file dialog	Profile	Boolean	RTNONE	0		Bricscad Only	No
VENDORNAME	Vendor name	Not Saved	String	RTSTR	Bricsys	read only;deprecated	Bricscad Only	No
VersionCustomizableFiles	Version customizable files	Profile	String	RTNONE		read only	Bricscad Only	No
VIEWCTR	View center	Drawing	pt3d	RT3DPOINT		read only	AutoCAD, Bricscad	No
VIEWDIR	View direction	Drawing	pt3d	RT3DPOINT		read only	AutoCAD, Bricscad	No
VIEWMODE	View mode	Drawing	Integer	RTSHORT		read only	AutoCAD, Bricscad	No
VIEWSIZE	View size	Drawing	Real	RTREAL	0	read only	AutoCAD, Bricscad	No
VIEWTWIST	View twist	Drawing	Real	RTREAL		read only	AutoCAD, Bricscad	No
VISRETAIN	Visibility retain	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No
VSMAX	Virtual screen maximum	Drawing	pt3d	RT3DPOINT		read only	AutoCAD, Bricscad	No
VSMIN	Virtual screen minimum	Drawing	pt3d	RT3DPOINT		read only	AutoCAD, Bricscad	No
WHIPARC	Whip arcs	Registry	Integer	RTSHORT	0		AutoCAD, Bricscad	No
WHIPTHREAD	Whip thread	Registry	Integer	RTSHORT	3		Bricscad Only	No
WINDOWAREACOLOR	Window area color	Registry	Integer	RTSHORT	5		AutoCAD, Bricscad	No
WMFBKGND	Windows Meta File background	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
WMFFOREGND	Windows Meta File foreground	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
WNDLMAIN	Main window state	Registry	Integer	RTSHORT	2		Bricscad Only	No
WNDLSCRL	Window scrollbars	Registry	Boolean	RTSHORT			Bricscad Only	No
WNDLSTAT	Window status bar	Registry	Boolean	RTSHORT			Bricscad Only	No
WNDLTABS	Layout and model tabs	Registry	Boolean	RTSHORT			Bricscad Only	No
WNDLTEXT	Text window state	Registry	Integer	RTSHORT			Bricscad Only	No
WNDPMAIN	Main window top left	Registry	pt2d	RTPOINT			Bricscad Only	No
WNDPTEXT	Text window top left	Registry	pt2d	RTPOINT			Bricscad Only	No
WNDMAIN	Main window size	Registry	pt2d	RTPOINT			Bricscad Only	No
WNDSTEXT	Text window size	Registry	pt2d	RTPOINT			Bricscad Only	No
WorkspaceSecurity	Enable macros	Profile	Boolean	RTNONE	1		Bricscad Only	No
WORLDUCS	World UCS	Not Saved	Boolean	RTSHORT		read only	AutoCAD, Bricscad	No
WORLDVIEW	World view	Drawing	Integer	RTSHORT	1		AutoCAD, Bricscad	No





Bricscad V12 System Variable Summary

Key:

Bricscad Only

New in V12

**Bold Text**

System Variable Name	Variable Description	Save mode	Save type	Restype	Default value	Status	Available In	New in V12
WRITESTAT	Write status	Not Saved	Boolean	RTSHORT	1	read only	AutoCAD, Bricscad	No
XCLIPFRAME	Xref clipping frame	Drawing	Integer	RTSHORT	2		AutoCAD, Bricscad	No
XEDIT	Xref editable	Drawing	Boolean	RTSHORT	1		AutoCAD, Bricscad	No
XFADECTL	Xref fade control	Registry	Integer	RTSHORT	50		AutoCAD, Bricscad	No
XLOADCTL	Xref load control	Registry	Integer	RTSHORT	2		AutoCAD, Bricscad	No
XLOADPATH	Xref load path	Registry	String	RTSTR			AutoCAD, Bricscad	No
XREFCTL	Xref control	Registry	Boolean	RTSHORT	0		AutoCAD, Bricscad	No
ZOOMFACTOR	Zoom factor	Registry	Integer	RTSHORT	60		AutoCAD, Bricscad	No