



# AutoXChange 2024 Change Log

ID	DESCRIPTION	POTENTIAL IMPACT	PRIORITY	DATE OPENED	VERSION CLOSED	STATUS	NOTES
124	Support for updating text completely outside of a unit boundary	Text outside the boundary not recognized as being "in" the area	Enhancement	09-Nov-2023	24.07.126	Fixed	
123	Text strings have incorrect pitch/font?, and becomes too wide	Text font not chosen and defaults to Default Font. Text is displayed wrong	Medium	08-Dec-2023	24.07.126	Fixed	
122	Processing of islands on complex shape polygon	Complex islands would not display properly	Major	28-Aug-2023	24.07.125	Fixed	
121	Set IncludeAllLayers if doing RL/TL	If IncludeAllLayers is not set then some layers that are needed are not included	Minor	08-Nov-2023	24.07.125	Fixed	
120	Verify gives no listing of IP/MAC if license key not present	Unable to verify system	Minor	06-Nov-2023	24.07.125	Fixed	
119	All Layers must have Colors defined	Without a default color a layer may inherit its color from outside groups	Minor	08-Nov-2023	24.07.125	Fixed	
118	Output DWG Width and SVG Height and Width	Extra info in cadviewer_drawingCoordinates	Enhancement	13-Nov-2023	24.07.125	Fixed	

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117	When doing RL/TL and AK processing in raster mode, the objects are not encapsulated in a layer group	Certain functions require the layer and will not work	Minor	13-Nov-2023	24.07.125	Fixed	
116	LayerTable is syntactically incorrect	LayerTable cannot be read	Medium	15-Nov-2023	24.07.125	Fixed	
115	Support for dynamically changing text in multiple layers	Text not changed	Enhancement	09-Nov-2023	24.07.125	Fixed	
114	Allow Multiple Hatches in a given space	Support to add multiple hatches to a single space and control the ordering	Enhancement	09-Nov-2023	24.07.125	Fixed	
113	AX gives a lxGetFontPath error if fntconfig not found	Program crashes on Linux	High	20-Nov-2023	24.07.125	Fixed	
112	Create list of layers	File now contains a Layer Table in the Metadata of SVG files	Enhancement	26-Oct-2023	24.07.124	Added	
111	Create Hotspots based on -AK attributes	File contains hotspots based on having a given attribute value(s)	Enhancement	15-Oct-2023	24.07.124	Added	
110	Add command to change SVG/SVGZ to raster instead of vector	Changes -svg/-svgz to the equivalent of -rsvg/-rsvgz	Enhancement	16-Oct-2023	24.07.124	Added	
109	Add Hotspot creation for just Text Elements	All text on a given layer(s) is turned into hotspots	Enhancement	17-Oct-2023	24.07.124	Added	
108	Add SHOW-ALL-LAYERS command	All layers are included and visibility is set based on what is in the DWG file	Enhancement	18-Oct-2023	24.07.124	Added	

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107	Add Conversion of DWG to Raster Embedded in SVG	Easier display of DWGs as Raster files	Enhancement	10-Oct-2023	24.07.123	Added	
106	Layer Off does not work for Raster Output	"Off" Layers are displayed	Low	10-Oct-2023	24.07.123	Fixed	
105	Fills is drawing are represented incorrectly	If two Hatch elements are processed back-to-back the second one may be ignored	Medium	4-Oct-2023	24.07.123	Fixed	
104	Allow SVG Precision with more than 2 decimal places	Rounding errors can occur when converting back to DWG coordinates	Low	29-Sept-2023	24.07.123	Fixed	
103	Incorrect Transformation Matrix	Measurements wrong	Medium	18-July-2023	24.07.122	Fixed	
102	Erroneous "License expired today" message	Bad information to the user	Low	18-Sept-2023	24.07.122	Fixed	
101	Last Saved View clips entities	Anything outside the Last Saved View is cut off	Medium	27-Apr-2021	24.07.122	Fixed	
100	Non-plottable Entities ignored	Missing parts of the drawing	Medium	25-Sept-2023	24.07.122	Fixed	
99	ColorAsCSS License Flag added	By default SVG colors can be by RGB or by CSS style. If this flag is not set then Colors will be by RGB	Low	8-Sept-2021	24.07.120	Fixed	Inkscape and Adobe Illustrator ignore color CSS styles, so this flag ensures RGB color settings.
98	DWF file contains spurious circles	Output has large circles that should not be there	Low	31-July-2021	24.07.120	Fixed	
97	Process exits if no license key found	No conversion is done. Changed to run in Demo Mode.	Medium	18-Aug-2023	24.07.120	Fixed	
96	Denote Layer Color and only output color if different	Faster to load	Enhancement	29-Aug-2023	24.07.120	Added	

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95	Uninitialized Layout1 cannot be converted	Instead of Layout1 the user would get Modelspace instead	Medium	6-Sept-2023	24.07.120	Fixed	
94	Certain license files when used in V118 are not recognized	License would fail to validate and would run in Demo mode	High	18-Aug-2023	24.07.119	Fixed	Bug was introduced in V118 so was not a problem before then
93	Hyperlinks based on lines not processed	Hyperlinks based on lines not selectable	Medium	8-Aug-2023	24.07.118	Added	
92	License flag for SVG In	License did not have SVG In Flag	Enhancement	8-Aug-2023	24.07.118	Added	
91	Add domain to license with wildcards	Enhancement to URL license	Enhancement	7-June-2023	24.07.118	Added	
90	Log for memory usage and conversion time	Documentation of usage	Enhancement	10-Aug-2023	24.07.118	Added	
89	Missing Lines from DWF	Due to how the DWF view was imported, the first five point polyline was dropped.	High	2-Aug-2023	24.01.117	Fixed	
88	Opacity of fills does not correspond to original drawing	Fills with SOLID hatch were semi-transparent. Are now opaque.	Low	11-July-2023	24.01.117	Fixed	
87	List the type of license key read	Must be a Version 6 key for full functionality. All Version 5 keys now work only in Demo Mode.	Enhancement	18-July-2023	24.01.116	Added	Version 5 keys will no longer work and Version 6 keys must have the correct enhancements
86	Changed License Key system to be more granular	All prior users will need a new license.	High		24.01.115	Fixed	Special functionality like Compare and Room Name/Outline Matching now keyed to the license

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85	Hatches with RGB colors are always set to that color, regardless of the background	Can lead to White or White or Black on Black "invisibility" problems	Low	14-Jun-2023	24.01.115	Fixed	New parameter "TreatRGBasIndex"
84	Some debugging garbage in output	Causes problems in automated processes and does not look good	High	2-Jun-2023	24.01.115	Fixed	
83	RGB(255,255,255) - defined white - comes out grey	Objects that should be white are grey	Medium	18-Apr-2023	24.01.114	Fixed	
82	SVG Fills have a stroke the same as the fill color	Outline is visible. Should be "non"	Low	20-Apr-2023	24.01.114	Fixed	
81	AcDbSolids do not have a style class (ZW)	Solids have wide stroked outline	Low	4-May-2023	24.01.114	Fixed	
81	Polylines in Stroked Text objects don't have sTxt class	Polylines are not recognized as being from a Text object	Low	4-May-2023	24.01.114	Fixed	
80	Stroked Text objects have incorrect line width	Lineweights and 100x what they should be	Medium	4-May-2023	24.01.114	Fixed	
79	Fixed several bugs in Compare function	System would crash when doing some types of Compare	Medium	20-Mar-2023	24.01.113	Fixed	
78	"For demonstration purposes only" needs to be developed with URL	User can get to TMS websites easier with this enhancement	Enhancement	20-Mar-2023	24.01.112	Added	
77	Certain circles caused syntax error in SVG	Displaying SVG file halts	Low	28-Mar-2023	24.01.111	Fixed	

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76	DWF file page change matrix wrong	Switching between pages does not work	Low	28-Mar- 2023	24.01.111	Fixed	
75	PNG (bitmap) -> PDF stopped working on windows and linux	Files not converted	High	28-Jan- 2023	23.12.110	Fixed	
74	Does not write content to Unmapped Fonts file	User does not know what fonts are not found	Low	8-Mar- 2023	23.12.110	Fixed	
73	Running rl/tl, the cvjs:roomid field gets a _ after the ID	Areas are misnamed	Low	8-Mar- 2023	23.12.110	Fixed	
72	Converting a Unicode Layout name fails on Linux	Layout is not converted	Low	13-Mar- 2023	23.12.110	Fixed	
71	Running under Tomcat on Linux, AX gives a "No such file or directory" on an existing directory	File is not converted	Low	27-Feb- 2023	23.12.109	Fixed	
70	Fails if Raster to SVGZ requested but -o=filename uses .svgz	File is delete after conversion	High	23-Jan- 2023	23.12.107	Fixed	
69	Add page change matrix to SVG file for raster images	ENHANCEMENT: compatibility	Low	23-Jan- 2023	23.12.107	Fixed	
68	When converting PNG to SVG, it always looks in the output folder for the input file	File is not found so conversion fails	High	23-Jan- 2023	23.12.107	Fixed	

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67	TIFF -> SVG is not working on Linux	File not converted	Medium	16-Jan-2023	23.12.106	Fixed	Linux only
66	Has lost the ability to convert PNG -> PDF	File not converted	Medium	16-Jan-2023	23.12.106	Fixed	Linux only
65	PDF file including embedded bitmap(s) does not convert properly on Linux	Bitmap is not displayed	Medium	16-Jan-2023	23.12.106	Fixed	PDF -> SVG
64	Some ellipses are filled when they should be transparent	Entities inside the ellipse cannot be seen	Medium	18-Jan-2023	23.12.106	Fixed	SVG only
63	Pagechange matrix truncates uninitialized views when converting in single page mode	Uninitialized layouts not listed	Medium	29-Dec-2022	23.10.105	Fixed	
62	"Basic" mode writes over the same output file each time	Only the last layout is effectively output	High	23-Dec-2022	23.10.105	Fixed	
61	Stroked fonts can look jagged	Curve tolerance is not high enough to allow text to look correct	Medium	14-Dec-2022	23.10.104	Fixed	
60	Need ability to set Default SHX and Big Font path	No ability to map missing fonts	Medium	18-Dec-2022	23.10.104	Fixed	
59	Use CSS to set color	Colors are more easily manipulated	Enhancement	20-Dec-2022	23.10.104	Fixed	
58	-ak command not processing some blocks	Hyperlinks are not created	Medium	16-Dec-2022	23.10.104	Fixed	

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57	PNG files with non-Roman characters in file name cannot convert to PDF	Files are not converted	Medium	12-Dec-2022	23.10.104	Fixed	
56	Line weights too wide	Line weights too wide	Medium	27-Nov-2022	23.10.103	Fixed	Probably not adjusted for missing XRef extents
55	AX2023 shall be able to parse a hyperlink in DWG and create a hyperlink structure in SVG	DWG Hyperlinks not treated as other hyperlinks	Medium	7-Dec-2022	23.10.103	Fixed	
54	Incorrect attribute count in block processing	Attribute count wrong	Low	7-Dec-2022	23.10.103	Fixed	
53	Will not convert raster files into PDF	Files not converted	Medium	18-Nov-2022	23.10.102	Fixed	
52	MySQL does not store SVG and PNG files in database, creates physical temp SVG files on server	Files are not accessible from database	High	15-Aug-2022	23.10.102	Fixed	
51	Lost the ability to process Unicode in filenames and paths	File names would have garbage UTF-8 Characters	Medium	14-Sep-2022	23.10.102	Fixed	
50	Detailed Layer Name could be wrong in -basic mode	Layers would show the wrong name	Medium	21-Nov-2022	23.10.102	Fixed	
49	When using -basic mode, SVG sections were repeated	Illegal files that could not be parsed	High	13-Nov-2022	23.10.101	Fixed	



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48	Text at top and right side can be clipped	Only part of the text string is shown and the extents are off	Medium	10-Nov-2022	23.10.100	Fixed	
47	Second and subsequent use of a font results in Default Font	Wrong font is used, so the text looks wrong	Medium	30-Oct-2022	23.10.99	Fixed	
46	XRefs are visible or not depending on license validity	In PDF output, XRefs may not be visible with valid license	High	29-Oct-2022	23.10.98	Fixed	
45	In PDF Output, filled polygons in xref file are overlaid on top of drawing	Obscuring view of lines	Medium	19-Oct-2022	23.10.98	Fixed	
44	Wipeouts in blocks has an opacity of 0.5	Content is visible below Wipeout	Medium	24-Oct-2022	23.10.98	Fixed	
43	Watermarks are output at random Z-Index	Watermarks could be on top or bottom compared to other entities	Medium	22-Oct-2022	23.10.98	Fixed	Added new parameter - WatermarkOnBottom (-WB). Default is the Watermark is always on top (output last)
42	Dynamic block ignored in AttributeKey processing	Links are not created	High	23-Oct-2022	23.10.97	Fixed	
41	Dynamic blocks have incorrect names	Block names are wrong	Medium	27-Oct-2022	23.10.97	Fixed	
40	Some blocks are not converted	Geometry and text is missing	High	14-Oct-2022	23.09.96	Fixed	
39	Filled areas may overlay and obstruct text and geometry from other layers	Underlying geometry and text cannot be seen	High	19-Oct-2022	23.09.96	Fixed	Set opacity to .5 so fills are semi-transparent

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38	Wipeout and similar fills are black	Underlying geometry and text cannot be seen	High	14-Oct-2022	23.09.96	Fixed	
37	Minimum line weight parameter is being ignored	Lines can fade to nothing when printed	High	12-Oct-2022	23.08.95	Fixed	
36	Attribute processing associated attributes with wrong blocks	Attributes are not linked to correct blocks	High	7-Oct-2022	23.08.95	Fixed	
35	PDF Paper Size always comes out as US A size, regardless of what the parameters say	Output paper size is wrong	Med	14-Oct-2022	23.08.95	Fixed	
34	If SHX/BigFont is missing, Default TrueType Font is used instead	Characters are replaced with ?	Med	4-Oct-2022	23.08.94	Added	Enhancement
33	Points in polyline misplaced	Polyline is incorrect	High	21-Sep-2022	23.08.94	Fixed	Error in Point Reduction Algorithm described in #21
32	Layers with Unicode names (Japanese, Chinese, etc) inside a block were treated as "Off"	Layer is not displayed	High	27-Sep-2022	23.08.94	Fixed	
31	If no layouts are defined add "Layout1 (Uninitialized)" as place holder	Allows CadViewer user to emulate AutoCAD's Uninitialized Layout functionality	Low	22-Sep-2022	23.08.93	Added	Enhancement
30	Extremely large circles generated	Circle dwarf the rest of the drawing	High	22-Sep-2022	23.08.93	Fixed	Caused by coincident points (all points in 400+ point polyline)

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29	Change .RL file to JSON	Easier to read	Medium	21-Sep-2022	23.08.93	Fixed	Changed to .rl.json
28	RL/TL on DGN Files does not work	No Linked Areas are created	Medium	21-Sep-2022	23.08.93	Fixed	RSC/SHX Text was stroked out. Is now maintained as text (and thus available for RL/TL) if RL/TL is being done.
27	PCF Files not recognized	Should be treated as DGN files	Low	18-Sep-2022	23.08.92	Fixed	
26	Compression defined in #24 did not work well	Tightened up tolerances	High	16-Sept-2022	23.08.92	Fixed	
25	Unresolved XRefs cause PDF to Zoom to Extents incorrectly	PDF drawing looks like postage stamp	Medium	15-Sep-2022	23.08.92	Fixed	Removed non-resolved (missing) XRef link
24	Raster to PDF not working	No PDF file is created	Medium	19-Aug-2022	23.08.91	Fixed	
23	High ASCII and Unicode characters in filename don't work	File cannot be read	High	14-Sep-2022	23.08.91	Fixed	
22	Added support for OEM license keys	Could not support	Medium	8-Sep-2022	23.08.91	Fixed	
21	Large polylines/polygons created	Larger and less useful files created	Low	5-Sep-2022	23.08.91	Fixed	Added compression of duplicate or near duplicate vertices. File size greatly reduced.
20	LineStyle names containing special characters or unicode are not parsed properly	SVG file fails syntax check	High	15-Aug-2022	23.08.90	Fixed	Such characters are transcoded to eliminate offending characters

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19	Layout/view processing is not working for pdf output.	All conversions default to Active Layout	Medium	20-May-2022	23.08.90	Fixed	
18	LayersOn (-lon) parameter is not working for PDF	Layers are not turned on and off	Medium	20-May-2022	23.08.90	Fixed	LayersOff, PartialLayersOn and PartialLayersOff also fixed
17	When manipulating block attributes in SVG, there is no link between an attribute tag and its text string element.	No direct link between tag and text	Enhancement	12-Aug-2022	23.08.90	Added	Added cvjs:AttributeId to link to the Attribute definition
16	Cannot distinguish between normal and bold font	Text looks wrong	Medium	4-Aug-2022	23.08.90	Fixed	Bold was being set, but the font-family was wrong. Now fixed.
15	Small rotated text not converted	Text is missing	High	31-Aug-2022	23.05.89	Fixed	
14	License is tied to IP or MAC Address, not URL	Enhancement	Medium	31-Mar-2022	23.05.89	Added	Domain Name or HostName can now be used in license. Up to 61 entries can be defined for a given key (was 6)
13	Format enclosed in double quotes not recognized	Format is not processed	Low	31-Jul-2022	23.05.88	Fixed	Only possible when called programmatically, not from a command line
12	If named Layout does not exist, no file is created	No file is created	High	18-Jul-2022	23.05.87	Fixed	Active Layout is converted. Modelspace is used if there are no Paperspace Layouts.

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11	No check is made whether DWG file is really a DWG	Conversion fails with no error message	High	18-Jul-2022	23.05.87	Fixed	Checks AutoCAD DWG or DXF version and outputs version to Trace if not an Error.
10	Embedded image is not displayed in PDF	Image is missing	Medium	20-Jul-2022	23.05.87	Fixed	
9	-? Gives wrong parameters for Watermark	Wrong parameters are listed	Low	12-Jul-2022	23.05.86	Fixed	
8	Add support for MySQL	Enhancement	High	15-Jul-2022	23.05.86	Added	
7	Embedded image is not displayed	Image is missing	Medium	4-Jul-2022	23.05.85	Fixed	
6	Embedded image has a line across it	Image quality suffers	Medium	5-Jul-2022	23.05.85	Fixed	
5	Polylines with width turn into lots of filled, triangular areas	Excessive file size and slow display	Medium	5-Jul-2022	23.05.85	Fixed	Changed to SVG line with width
4	Polylines with small segments are not optimized	Excessive file size and slow display	Medium	5-Jul-2022	23.05.85	Fixed	
3	-Paper mode results in wrong page	Wrong page is displayed	Medium	6-Jul-2022	23.05.85	Fixed	Value of Layout Name Parameter is set to Active Layout
2	Drawing becomes ill-formed XML with HATCH error	SVG is unreadable	Medium	6-Jul-2022	23.05.85	Fixed	Hatch with zero points.
1	PDF gives "Unsupported Format"	Cannot make PDF files. Introduced in 23.05.84	Medium	6-Jul-2022	23.05.85	Fixed	