

## Working with AutoCAD 2005 and Section 508

Section 508 requires that federal agencies' electronic and information technology is accessible to people with disabilities. The Center for Information Technology Accommodation (CITA), in the U.S. General Services Administration's Office of Governmentwide Policy, has been charged with the task of educating federal employees and building the infrastructure necessary to support Section 508 implementation.

With this white paper, Autodesk offers background information to help our customers understand the accessibility features of Autodesk's AutoCAD® 2005 software, in the context of the Section 508 standards. This was done with the intent to enable agencies to be compliant with the Section 508 regulations.

The document contains subsets of the Electronic and Information Technology Accessibility Standards as published in 36 CFR Part 1194 and provides an analysis of AutoCAD as compared to these standards.

For the purposes of this paper, "AutoCAD" refers to AutoCAD 2005 and all Autodesk® industry products that are based upon the AutoCAD 2005 platform, including AutoCAD LT® 2005.

More information on Section 508 can be found on the Government's website located at: <http://www.section508.gov/>

This document is not intended to be a certification of compliance.

Criteria	Section 508 Reference	Remarks (e.g., definition, equivalent facilitation, scope of support provided)
<b>Software Applications and Operating Systems</b>		
Product functions are executable from a textually discernable keyboard	1194.21(a)	Keyboard navigation is provided for all Menu commands. Also, a Command Line allows the user to type in commands and other input.
Application does not disrupt the accessibility features of other products on the end-user's system	1194.21(b)	Testing has indicated that AutoCAD and AutoCAD LT software programs do not disrupt the accessibility features of other products on the end-user's system.
Focus is programmatically exposed	1194.21(c)	Focus is programmatically exposed through command line scripting, VBA and C++ programming interface.
Information about a user interface element is available to AT	1194.21(d)	AutoCAD and AutoCAD LT provide information to the user via the Microsoft® Active Accessibility Application

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Meanings assigned to bitmap images are consistent	1194.21(e)	Bitmap images and actions associated with them are consistent.
Textual information is provided	1194.21(f)	A text window records the log of what is being done. Also this log file can be saved.
Application does not override contrast and color selections	1194.21(g)	Application does not override contrast and color selections. Testing shows that the application performs well under High Contrast settings. Also the user has the ability to change color settings.
Animated displays are displayable in non-animation mode	1194.21(h)	No animated displays are included with the product.
Color coding is not used as the only means of conveying information	1194.21(i)	Color-coding is not used as the only means of conveying information. The user has the ability to enter a color index or in certain cases a RGB value. Users can also use pre-defined named colors as described by PANTONE®, RAL, and DIC® color systems.
A wide variety of color selections is provided	1194.21(j)	AutoCAD and AutoCAD LT provide a wide variety of color selections. The user has the ability to customize the application window. Users can also use pre-defined named colors as described by PANTONE, RAL, and DIC.
Software does not use flash or blink frequency of >2Hz and <55Hz	1194.21(k)	AutoCAD and AutoCAD LT do not use flashing or blinking text.
People using AT can access information on electronic forms used	1194.21(l)	Microsoft Active Accessibility applications like the Narrator can be used to access particulars of the components of a form/dialog box.



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