

CMU Section 508 Compliance

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Company: Information Security Corporation

Product Name: CMU for Windows

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Company and Product Overview

Information Security Corporation (ISC) is a leading supplier of cryptographic solutions to the Federal Government. ISC's CMU provides administrators the means to automate common PKI related tasks so that users no longer need to perform those operations.

Section 508 and the Voluntary Product Accessibility Template

Section 508 of the Rehabilitation Act specifies minimum accessibility levels for electronic and information technology products procured by the Federal agencies. The present document consists of a Voluntary Product Accessibility Template (VPAT) describing accessibility features in CMU for Windows. This VPAT is intended to assist Federal contracting officials in making a preliminary assessment regarding the compliance of CMU for Windows with the Section 508 accessibility standards. This document also includes ISC contact information to facilitate more detailed inquiries.

The first table below provides a summary view of Section 508 Standards. The following tables provide more detailed views of each applicable subsection of the law. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, "*e.g.*, equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains lettered paragraphs for each subsection of the law. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

NOTE: The accessibility statements in this VPAT apply to the CMU for Windows software itself, not to those applications that CMU is used to configure. Thus "support for Section 508 guidelines" means here that the CMU software, when used with the aid of assistive devices, substantially meets the accessibility criteria established by Section 508.

Testing Methodology and Other Assumptions

In reading this VPAT, please keep in mind the following comments:

1. Testing was completed by sampling the most commonly-used features of CMU for Windows.
2. As Section 508 guidelines do not specify a particular screen reading tool, accessibility testing for CMU was completed using Thunder screen reader for Windows.
3. As Section 508 guidelines do not specify the environments to be supported by a compliant product, accessibility testing for CMU was performed on a Windows XP system.
4. It is assumed that the user of this product is knowledgeable in the use of screen reading software and can fluently operate their Windows desktop and its standard applications. The user's machine is assumed to be properly configured to support the particular screen reading tool and has been regularly updated to the latest technology and software releases. A product is deemed to support screen reading technology if each of its text elements and other interface objects can be selected and read by that technology.
5. Section 508 guidelines do not specify what third-party applications must be on a machine to determine if the product under evaluation disrupts or disables existing system features. Our evaluation findings only reflect testing completed with selected Microsoft applications and the Thunder screen reading software.

VPAT

Summary Table Voluntary Product Accessibility Template		
Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems		Completed; see details below
Section 1194.22 Web-based Internet Information and Applications	-	Not applicable
Section 1194.23 Telecommunications Products	-	Not applicable
Section 1194.24 Video and Multi-media Products	-	Not applicable
Section 1194.25 Self-Contained, Closed Products	-	Not applicable
Section 1194.26 Desktop and Portable Computers	-	Not applicable
Section 1194.31 Functional Performance Criteria		Completed; see details below
Section 1194.41 Information, Documentation and Support		Completed; see details below

**Section 1194.21 Software Applications and Operating Systems - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	CMU is a command line application. Thus all CMU functions are available through the use of the keyboard.	
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Testing of CMU indicates that the product will not disrupt or disable accessibility features of other products or elements of the Windows operating system.	
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Not applicable.	CMU is a command line application that leaves focus controls to the Windows Command Prompt window.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	CMU fully supports this guideline and contains no images.	
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Not applicable.	CMU is a command line application and contains no bitmap images.
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	The CMU user interface consistently uses standard Windows keyboard controls for displaying and inputting text.	
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	CMU does not override user-selected contrast and color settings when they are available in the operating system.	CMU automatically adopts the current Windows theme, styles, and appearance settings.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not applicable.	CMU does not use animation.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	The CMU user interface does not use color as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Not applicable.	CMU does not provide a means for the user to adjust color and contrast settings.

<p>(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.</p>	<p>The CMU user interface does not use flashing or blinking text, objects or other elements in the software's user interface.</p>	
<p>(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.</p>	<p>Not applicable.</p>	<p>CMU does not use electronic forms.</p>

**Section 1194.31 Functional Performance Criteria - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	CMU supports this guideline for all features.	
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	CMU supports this guideline for all features.	
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided	CMU has no audio component and thus does not require user hearing in order to operate the software.	
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	CMU has no audio component and thus does not require user hearing in order to operate the software.	
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	CMU does not require user speech in order to operate the software.	
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	CMU is a command line application that does not require fine motor control or any simultaneous actions. It is operable by those with limited reach and strength.	

Section 1194.41 Information, Documentation and Support - Detail
Voluntary Product Accessibility Template

Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	CMU documentation can be made available in alternate formats upon request at no additional charge.	Standard documentation is available as a .pdf but can be made available in other formats upon request.
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Descriptions of accessibility and compatibility features can be made available in alternate formats upon request at no additional charge.	
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	ISC's support services for CMU will accommodate the needs of end-users with disabilities.	Support services include both e-mail and phone based technical support.