

VPAT for Mastercam CAD/CAM Software

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Product Name: Mastercam
Product Version Number: 2019
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VPAT Comments:

For a detailed description of the product features and benefits, please refer to the following URL: <http://www.mastercam.com/en-us/Solutions>

Product is partially accessible. Portions of development are controlled by third parties. Due to the graphics nature of this product set, full compliance would very difficult.

Summary Table

Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Supports with exceptions	Refer to Section 1194.21 in VPAT Details section below.
Section 1194.22 Web-based internet information and applications	Not Applicable	Not Applicable
Section 1194.23 Telecommunications Products	Not Applicable	Not Applicable
Section 1194.24 Video and Multi-media Products	Not Applicable	Not Applicable
Section 1194.25 Self-Contained, Closed Products	Not Applicable	Not Applicable
Section 1194.26 Desktop and Portable Computers	Not Applicable	Not Applicable
Section 1194.31 Functional Performance Criteria	Supports	Refer to Section 1194.31 in VPAT Details section below.
Section 1194.41 Information, Documentation, and Support	Supports	Refer to Section 1194.41 in VPAT Details section below.

Section 1194.21 Software Applications and Operating Systems

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.	Supports with exceptions	Through the use of Keyboard Shortcuts/Access Keys, most features in Mastercam are immediately accessible via the keyboard. Mastercam supports keyboard assistance features including StickyKeys, FilterKeys, MouseKeys, and ToggleKeys. Some functions are not exposed through the menu.

<p>(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.</p>	<p>Supports</p>	<p>Mastercam does not disrupt or disable the accessibility features of the Windows® 7, Windows 8.1 or Windows 10 64-bit Professional operating systems.</p>
<p>(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.</p>	<p>Supports</p>	<p>Focus is programmatically exposed through VB and C++ programming interface.</p>
<p>(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.</p>	<p>Supports with exceptions</p>	<p>Text may optionally be displayed for some images or elements that are program elements.</p>
<p>(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.</p>	<p>Supports</p>	<p>Bitmap images and actions associated with them are consistent throughout the application.</p>
<p>(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.</p>	<p>Not Supported</p>	<p>Textual information is provided through the application's functions, not the operating system.</p>
<p>(g) Applications shall not override user selected contrast and color selections and other individual display attributes.</p>	<p>Supports with exceptions</p>	<p>Mastercam supports user-customizable, system-wide color settings as identified in the operating system display properties. Application performs acceptably under settings for High Contrast. User has the ability to change color settings.</p>
<p>(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.</p>	<p>Not Applicable</p>	<p>Software can be used to author animations, animations not used as part of the GUI.</p>

(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.	Supports	Color coding is not used as the only method to convey information. Highlighting, shading, or text prompts in some cases are all examples.
(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.	Supports	Mastercam allows the user to make color selections by choosing from a palette of 256 colors or to customize any individual colors by using HLS or RGB values giving the user a choice of over 16 million colors.
(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.	Supports	Mastercam does not use blinking or flashing text.
(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.	Not Applicable	Mastercam does not use electronic forms in the application.

Section 1194.31 Functional Performance Criteria

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.	Not applicable	See the following for supporting features: - 1194.21 a, b, c, d, e, f, h, i, l
(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.	Not applicable	See the following for supporting features: - 1194.21 c, g, i, j, l
(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	Not Applicable	Mastercam 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.	Supports	Software allows users to adjust volume preferences to accommodate individual needs. Functionality is provided to reset volume to the default level if desired.
(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.	Not Applicable	Mastercam 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.	Not Applicable	See the following for other supporting features: - 1194.21 a, b

Section 1194.41 Information, documentation, and support

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.	Supports	Support documentation is available within the product, as hardcopy, or as Adobe PDF.
(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.	Supports	This document is available from CNC Software upon request.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Support service options are available via the Mastercam Reseller Channel and are available in direct in-person, support, email, fax, or phone.