Voluntary product evaluation template (VPAT)

Date	21/10/2016
Name of product	Ultimaker 2, Ultimaker 2+ Family, Ultimaker 3 Family, and Ultimaker S5
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Summary table

Refer to the ITIC Best Practices for filling out the following form.

Criteria	Supporting features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	NA	Scope is on printer only, which can perform with standard STL files on a flash disk.
Section 1194.22 Web-based internet information and applications	Supports with exception	Only complies to user manuals.
Section 1194.23 Telecommunications Products	NA	-
Section 1194.24 Video and Multi-media Products	NA	-
Section 1194.25 Self-Contained, Closed Products	Supports with exception	Not usable for blind people
Section 1194.26 Desktop and Portable Computers	NA	-
Section 1194.31 Functional Performance Criteria	Supports with exception	Not usable for blind people
Section 1194.41 Information, documentation, and support.	Supports with exception	Information to be found the website

Section 1194.22 web-based internet information and applications

*Refer to (http://www.access-board.gov/sec508/guide/1194.22.htm) for details on the guidelines listed below.

Criteria	Supporting features	Remarks and explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports	Photos are complementary to the text.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	NA	No mm presentation available.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Does not support	Colors are being used.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	Is supported.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Supports	No links in graphics.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Supports	-
(g) Row and column headers shall be identified for data tables.	NA	No tables available
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	NA	No tables available
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	-
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	-
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Supports	Graphics are not needed to understand the process.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Supports	Tested with Safari.
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with Û1194.21(a) through (l).	Supports	Users don't have to install an app or software to use the online manual.
(n) When electronic forms are designed to be completed on-line, 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.	Supports	No forms available
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	Users can use the sub-navigation instead of the next/previous buttons to skip to content they're interested in.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	NA	No timed responses needed.

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

Section 1194.25 self-contained closed products

*Refer to (http://www.access-board.gov/sec508/guide/1194.25.htm) for details on the guidelines listed below.

Criteria	Supporting features	Remarks and explanations
(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Supports with exceptions	Website is not designed for blind people.
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports with exceptions	At insertion of material a 20 second time frame exists. No real fault if this time is exceeded for 20 seconds.
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with Û1194.23 (k) (1) through (4).	NA	-
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	NA	-
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.	NA	-
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	NA	-
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	NA	-
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	NA	-
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Above 55Hz.
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.	NA	-

(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.	NA	-
(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	NA	-
(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	NA	-

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.	Supports with exceptions	Printer is not usable for totally blind people.
(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.	Does not support	No means for 20/70 visual acuity.
(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	Supports	No audio needed.
(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.	NA	-
(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.	Supports	No speech needed.
(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.	Supports with exception	Some fine motor control is needed, for operation.

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 through equivalent facilitation	To be derived from internet.
(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 through equivalent facilitation	To be derived from internet.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports with exceptions	As long as the user can use a phone or e-mail.