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SECTION 508 COMPLIANCE



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Section 508 requires that federal departments and agencies provide Electronic and Information Technology (EIT) that's accessible to people with disabilities. The purpose of this Voluntary Product Accessibility Template (VPAT™) is to assist federal officials in assessing the availability of commercial EIT products.

Konica Minolta is pleased to comply with Section 508, offering universal design for accessible document imaging and management in the workplace. This Section 508 ideal is designed into all Konica Minolta office machines. Our multifunction products for offices contain numerous functions and features that provide easy operation for individuals with special needs.

Enhanced operational functionality includes: front-loading paper trays, adjustable display contrasts, enlarged displays, tilt-enabled control panels, extra-large buttons, convenient heights and reach, and easily accessible printer interiors for adding toner and replacing imaging cartridges.

For more information, please visit countonkonicaminolta.com/section508.

Thank you for choosing Konica Minolta.

Design and Specifications are subject to change without notice. Not all accessibility features are available on all models. Please consult the actual VPAT data for more specific information. The trademarks, logos, and service marks ("Marks") displayed and/or listed on this document are the property of Konica Minolta Business Solutions U.S.A., Inc., its affiliates, or other third parties. You are not permitted to use the Marks without the prior written consent of the trademark owner or such third party, which may own the Marks. All other trademarks are the property of their respective owners.

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SUMMARY – VOLUNTARY PRODUCT ACCESSIBILITY TEMPLATE (VPAT)		
CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
Section 1194.21 Software Applications & Operating System	Supports	Supports all items in Section 1194.21.
Section 1194.22 Web-Based Intranet & Internet Information & Applications	Supports	Supports all applicable items in Section 1194.22.
Section 1194.23 Telecommunications Products	N/A	This product is not a telecommunications product.
Section 1194.24 Video and Multimedia Products	N/A	This product is not a video or multimedia product.
Section 1194.25 Self-Contained, Closed Products	Supports	Supports all items in Section 1194.25.
Section 1194.26 Desktop & Portable Computers	N/A	No PC or workstation is sold as part of this product.
Section 1194.31 Functional Performance Criteria	Supports	Supports all items in Section 1194.31.
Section 1194.41 Information, Documentation & Support	Supports	Supports all items in Section 1194.41.



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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	<p>KMBS recommends the use of Windows operating system for all employees requiring assistive technology as this operating system incorporates the latest accessibility features available. When KMBS Microsoft Windows drivers are active, keyboard commands can access all driver features via the tab and arrow keys, and printing can be accessed directly from the keyboard via CTRL plus P.</p> <p>Regarding the function: HDD-TWAIN, RTM-TWAIN, ALT+F6, ALT+Tab should be used for operation.</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.	Supports	<p>KMBS Windows drivers are Microsoft certified to be compatible with any Windows application, and will not disable assistive technology features.</p> <p>Need initial set up via hard-key</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.	Supports	The driver will not interfere with any on-screen images.

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SECTION 1194.21 SOFTWARE APPLICATIONS AND OPERATING SYSTEMS (CONTINUED)

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
(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.	Supports	Bitmap images are consistent across the application.
(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.	Supports	KMBS Windows drivers are Microsoft certified to be compatible with Windows operating system.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	KMBS Windows drivers are Microsoft certified to be compatible with any Windows application and will not override selected contrast or color selections, however drivers do support Windows Accessibility Color and Contrast 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.	N/A	KMBS drivers do not contain any 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.	Supports	KMBS drivers do not use color as the only means of conveying information. When the screen is set to monochrome all information in the print driver is still conveyed.
(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	KMBS drivers do not have color or contrast settings, however drivers do support Windows Accessibility Color and Contrast settings.
(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	KMBS drivers do not use flashing elements.
(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.	Supports	KMBS drivers do not require the use of any electronic forms.



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SECTION 1194.22 WEB-BASED INTRANET AND INTERNET INFORMATION AND APPLICATIONS

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	PageScope Web Connection supports text display using alt.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	N/A	There is no information offered through multimedia presentation.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	PageScope Web Connection uses color tabs but also textual descriptions are provided.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	PageScope Web Connection is readable even when the style sheet setting of web browser is turned OFF.
(e) Redundant text links shall be provided for each active region of a server-side image map.	N/A	Does not use server-side image map.
(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.	N/A	Does not use server-side image map.
(g) Row and column headers shall be identified for data tables.	Supports	Column/Row identification is added to the data table.
(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.	Supports	Table headers are read correctly through screen reader.
(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	The icon flickers when status error is displayed but it is outside of 2 Hz–55 Hz range.
(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	Text-only page with equivalent information or functionality is provided.

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SECTION 1194.22 WEB-BASED INTRANET AND INTERNET INFORMATION AND APPLICATIONS (CONTINUED)

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
(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.	N/A	
(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 §1194.21 (a) through (l).	N/A	
(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	PageScope Web Connection allows people using Assistive Technology to access each function.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	PageScope Web Connection supports tab skip.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports	Timed response is not required for general user mode.



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**SECTION 1194.25 SELF-CONTAINED, CLOSED PRODUCTS
– DETAIL VOLUNTARY PRODUCT ACCESSIBILITY TEMPLATE**

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	There is no specific assistive technology required to perform basic machine operations using hard keys on the control panel and default settings of the touch screen. Konica Minolta MFPs contain technology that support assistive functions “out of the box.” For example the proposed product ships standard with a control panel that is completely adjustable (tilt able) to accommodate wheel chair access. Konica Minolta offers at no charge a utility called “Print Status Notifier” which will alert a user at their PC that the submitted print job has successfully completed or when there is an error condition such as an out of paper warning.
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports	A time-out alert feature is present and controllable.
(c) Where a product utilizes touch screens or contact-sensitive controls, an input method shall be provided that complies with 1194.23(k) (1) through (4).	Supports	One of the primary applications for the proposed MFP is document printing. The user can perform printing functions without the requirement of a touch screen. The user can perform basic copy jobs using default settings and control panel hard key buttons. The hard buttons that are regularly used (e.g., Start, Stop, Reset, Number of copies, Numerical Keys) are located on the main control panel. Individual Hard Keys are arranged so that they provide adequate space between each key and use different and unique shapes for the various functions. They are tactilely discernible. For example, the numeric keys have the same shape and the 5 key and the 1 key provide navigational bumps. Users can locate the keys without activating them. We have proven to other federal agencies that testers can locate the keys with their eyes shut. The controls on Konica Minolta MFPs are designed so that they can be easily operated with just one hand—Requiring minimal exertion. This is the fundamental design of our products. We have even extended this technology to account for the paper drawers as well as the Automatic Document Feeder. Key Repeat is not required for operation. However, if desired the MFP can be configured for the Start time interval as to when the Key Repeat function is activated (.1 to 3 seconds) as well as the Key Repeat rate (.1 to 3 seconds). This setting can be found in the MFPs Accessibility settings menu.

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SECTION 1194.25 SELF-CONTAINED, CLOSED PRODUCTS
- DETAIL VOLUNTARY PRODUCT ACCESSIBILITY TEMPLATE (CONTINUED)

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
(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.	Supports	When the AU-101 Biometric Authentication device is equipped, users can also login by entering the User ID and PW.
(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.	Supports	
(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.	Supports	
(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.	Supports	When color coding is used, an additional means of unique identification is also provided (e.g., the back-light color on the Start Key will light blue for "OK" and orange for "Not Ready," however, at the same time, a text message that explains the status of the copier will also be displayed on the LCD panel).
(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.	Supports	The product allows a user to choose a wide range of contrast settings for the LCD panel.
(i) Product shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Flashing elements used on the products are unified to 1 Hz or 0.5 Hz.
(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.	Supports	The operable controls were designed to be within the specified range.

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SECTION 1194.25 SELF-CONTAINED, CLOSED PRODUCTS
- DETAIL VOLUNTARY PRODUCT ACCESSIBILITY TEMPLATE (CONTINUED)

CRITERIA	SUPPORTING FEATURES	REMARKS AND EXPLANATIONS
(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.	Supports	The operable controls were designed to be within the specified range.
(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 pane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	Supports	The operable controls were designed to be within the specified range.
(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.	Supports	The operable controls were designed to be within the specified range.



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**SECTION 1194.31 FUNCTIONAL PERFORMANCE CRITERIA
– DETAIL VOLUNTARY PRODUCT ACCESSIBILITY**

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	Blind or visually impaired people can use the Printer functions of the MFP from their PC or workstation – See Section 1194.21. Blind users can do basic copy and fax jobs using default settings and control panel hard buttons. The hard buttons that are regularly used (e.g., Start, Stop, Reset, Numerical Keys) are located individually and away from each other so that they can easily be recognized. Also, the sizes and shapes of the keys are different. The areas surrounding the keys are raised so that they can be recognized by sense of touch. The product offers an Enlarged Control Panel Option that provides enlarged text for the visually impaired.
(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.	Supports	The product allows a user to choose a wide range of contrast settings for the LCD panel. The hard buttons that are regularly used (e.g., Start, Stop, Reset, Numerical Keys) are located individually and away from each other so that they can easily be recognized. Large fonts are used in the LCD panel. Also, the “Enlarge Display” feature is available.
(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	
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval that does not require user speech shall be provided, or support for assistive hearing devices shall be provided.	NA	No audio information is required for use of the product.
(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	
(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	The LCD panel does not require fine motor control or simultaneous actions. Operations can be done with limited reach and strength.



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**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.	Supports	Product support documentation is available in alternate format.
(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	Description of the accessibility and compatibility features of products in alternate formats can be access upon request at no additional cost.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Konica Minolta provides support services that accommodate the communication needs of end-users with disabilities.



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