

Voluntary Product Accessibility Template

Version 1.1
8/3/01

The purpose of the Voluntary Product Accessibility Template is to assist Federal contracting officials in making preliminary assessments regarding the availability of commercial Electronic and Information Technology products and services with features that support accessibility. It is assumed that offerers will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the section 508 Standards. The subsequent tables provide more detailed views of each subsection. 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 the lettered paragraphs of the subsections. 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.

Date: 31 December 2003

Name of Product: DocuPrint™ 180 LMX Large Format MICR Printer

Contact for more Information: e-mail USA.Xerox.section.508@mc.usa.xerox.com or

Call toll-free: 866-375-8363 Voice 866-375-4134 TTY compatible

User Tasks Assessed: For the **DocuPrint™ 180 LMX Large Format MICR Printer**, general user tasks were assumed to be **programming and running jobs, loading documents, and unloading prints**. According to the Federal Access Board, tasks such as **clearing jams, loading supplies, and adding paper** are considered maintenance tasks and are not included in this summary.

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| <p style="text-align: center;">Summary Table Voluntary Product Accessibility Template</p> |
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| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|---|----------------------------|---|
| Section 1194.21 Software Applications and Operating Systems | Some limitations exist | A minor exception occurs regarding the lack of keyboard equivalents for all mouse commands. |
| Section 1194.22 Web-based internet information and applications | Not applicable | Web-based functions are redundant with graphical user interface functions, which are assessed under Rule 1194.21. |
| Section 1194.23 Telecommunications Products | Not applicable | The DocuPrint™ 180 LMX Large Format MICR Printer is not a telecommunications product. |
| Section 1194.24 Video and Multi-media Products | Not applicable | The DocuPrint™ 180 LMX Large Format MICR Printer is not a video or multi-media product. |
| Section 1194.25 Self-Contained, Closed Products | Supports | The DocuPrint™ 180 LMX Large Format MICR Printer is compliant with Rule 1194.25. |
| Section 1194.26 Desktop and Portable Computers | Supports | The DocuPrint™ 180 LMX Large Format MICR Printer is compliant with Rule 1194.26. |

**Summary Table
Voluntary Product Accessibility Template**

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|--|----------------------------|---|
| Section 1194.31 Functional Performance Criteria | Some limitations exist | A minor exception occurs regarding the lack of keyboard equivalents for all mouse commands. |
| Section 1194.41 Information, Documentation, and Support (Added by Xerox) This rule covers accessibility of documentation, training and support for IT products. Xerox includes rule 41 in all its assessments. A detailed table has also been added below. | Supports | The centralization of documentation, training, and support services for most Xerox products allows us to achieve compliance across the corporation. |

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

| <i>Criteria</i> | 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. | Some limitations exist | Some commands that can be described textually cannot be executed from 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 | Supports | The software does not override or disable accessibility features of the host operating |

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

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|--|----------------------------|--|
| 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. | | system or other software possessing features that have been developed and documented according to industry standards. |
| (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 | A well defined, on-screen indication of the current focus is provided, and the focus is programmatically exposed so that Assistive Technology can track focus and focus changes. |
| (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. | Supports | The program code makes the appropriate user interface elements available to Assistive Technology. |
| (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 image meanings remain consistent throughout the application. |
| (f) Textual information shall be provided through operating system functions for displaying text. The | Supports | All textual information is provided through |

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

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|---|----------------------------|---|
| minimum information that shall be made available is text content, text input caret location, and text attributes. | | operating system functions. |
| (g) Applications shall not override user selected contrast and color selections and other individual display attributes. | Supports | The software does not override user-selected contrast and color selections and other individual display attributes. |
| (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 | Animation is not used for control elements or relevant text. |
| (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 | The software does not use color as the only means of conveying information. |
| (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 | The application permits a user to adjust color and contrast settings, and a variety of color selections are provided to produce a range of contrast levels. |
| (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 | The flash rate of any flashing elements does not fall between 2 Hz and 55 Hz. |

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

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|--|----------------------------|---|
| (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 | Electronic forms allow people using Assistive Technology to accurately complete and submit the forms. |

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**Section 1194.25 Self-Contained, Closed Products - Detail
Voluntary Product Accessibility Template**

| <i>Criteria</i> | 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 | No Assistive Technology required for the DocuPrint™ 180 LMX Large Format MICR Printer closed product. |
| (b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required. | Not applicable | No time-out sensitive selections exist. |
| (c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4). | Not applicable | The DocuPrint™ 180 LMX Large Format MICR Printer does not use a touch screen. |
| (d) When biometric forms of user identification or control are used, an alternative form of identification or | Not applicable | Biometric forms are not used. |

**Section 1194.25 Self-Contained, Closed Products - Detail
Voluntary Product Accessibility Template**

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|--|----------------------------|---|
| activation, which does not require the user to possess particular biological characteristics, shall also be provided. | | |
| (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. | Not applicable | There is no auditory output. |
| (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. | Not applicable | There is no voice output. |
| (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 | Color coding and additional means of unique identification (e.g., text and symbols) are used. |
| (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. | Not applicable | There are no color contrast settings. |
| (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 | The flash rate of any flashing elements does not |

**Section 1194.25 Self-Contained, Closed Products - Detail
Voluntary Product Accessibility Template**

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|---|----------------------------|--|
| | | fall between 2 Hz and 55 Hz. |
| <p>(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.</p> | Supports | All position measurements were performed against the specified vertical plane. |
| <p>(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.</p> | Supports | All operable controls are within specification. |
| <p>(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.</p> | Supports | All operable controls are within specification. |
| <p>(j)(4) Products which are freestanding, non-portable, and</p> | Supports | All operable |

**Section 1194.25 Self-Contained, Closed Products - Detail
Voluntary Product Accessibility Template**

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|---|----------------------------|------------------------------------|
| 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. | | controls are within specification. |

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**Section 1194.26 Desktop and Portable Computers - Detail
Voluntary Product Accessibility Template**

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|---|----------------------------|--|
| (a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4). | Supports | Mechanically operated controls and keys comply with 1194.23 (k)(1) – (k)(4). |
| (b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4). | Not applicable | The DocuPrint™ 180 LMX Large Format MICR Printer does not use a touch screen. |
| (c) 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. | Not applicable | Biometric forms are not used. |
| (d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards | Supports | Expansion slots, ports, and connectors comply with publicly available industry |

**Section 1194.26 Desktop and Portable Computers - Detail
Voluntary Product Accessibility Template**

| <i>Criteria</i> | Supporting Features | Remarks and explanations |
|-----------------|----------------------------|---------------------------------|
| | | standards. |

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

| <i>Criteria</i> | 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. | Some limitations exist | A minor exception occurs regarding the lack of keyboard equivalents for all mouse commands. |
| (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. | Supports | All areas requiring visual user interaction with visual acuity better than 20/70 support screen enlargement and voice output or Assistive Technology. |
| (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 operations require user hearing. |
| (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 | Not applicable | No audio information is required for use of the product. |

| Section 1194.31 Functional Performance Criteria - Detail Voluntary Product Accessibility Template | | |
|---|----------------------------|---|
| Criteria | Supporting Features | Remarks and explanations |
| fashion, or support for assistive hearing devices shall be provided. | | |
| (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 operations require speech. |
| (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. | Some limitations exist | A minor exception occurs regarding the lack of keyboard equivalents for all mouse commands. |

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| Section 1194.41 Information, Documentation and Support - Detail Xerox Addition to the 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. | 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 | Accessibility and compatibility information is available on www.xerox.com/section508/ . |
| (c) Support services for products shall accommodate the communication needs of end-users with disabilities. | Supports | Xerox provides support services that accommodate the communication needs of |

| Section 1194.41 Information, Documentation and Support - Detail Xerox Addition to the Voluntary Product Accessibility Template | | |
|---|--------------------------------|---------------------------------|
| <i>Criteria</i> | Supporting Features | Remarks and explanations |
| | | end-users with disabilities. |

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