

Oki Data Compliance with the Electronic and Information Technology Accessibility Standards

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OKI Printing Solutions printers are compliant with the Electronic and Information Technology Accessibility Standards ("Standards").

In particular:

- The Oki Data software used to control the printers does not display its own user interface, but rather is accessed through the interface supplied by the computer's operating system. All additions made by the Oki Data software to the options presented by the operating system interface are implemented with standard Windows application programming interfaces..
- The printers are "self-contained, closed products" within the meaning of the Standards, and are controlled through the computers to which they are connected either directly or through a network. Physical access to controls on the printers therefore is unnecessary for normal daily use.

The pertinent portions of the Standards are addressed below.

Subpart B-Technical Standards

§ 1194.21 Software applications and operating systems

- (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.**

The printer software does not display its own user interface. The main printer functions are accessed through the interface supplied by the operating system. In addition, the printer software adds several options to the operating system interface that are fully compatible with the accessibility features of the operating system.

- (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.**

There are no known conflicts between the Okidata printer software and the accessibility features of any operating system or of other types of software.

- (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**

The printer software does not display its own user interface. The main printer functions are accessed through the interface supplied by the operating system. In addition, the printer software adds several options to the operating system interface that are fully compatible with the accessibility features of the operating system.

- (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.**

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- (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.**

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- (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 printer software does not display its own user interface. The main printer functions are accessed through the interface supplied by the operating system. In addition, the printer software adds several options to the operating system interface that are fully compatible with the accessibility features of the operating system.

- (g) Applications shall not override user selected contrast and color selections and other individual display attributes.**

The printer software is not capable of overriding user selected contrast and color schemes or individual display attributes of the computer display.

- (h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.**

The printer software does not display 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 printer software does not display its own user interface. The main printer functions are accessed through the interface supplied by the operating system. In addition, the printer software adds several options to the operating system interface that are fully compatible with the accessibility features of the operating system.

- (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.** The printer software does not allow a user to adjust color and contrast settings on the computer interface. For "color printers," there are controls for adjusting both color and contrast in the printed output of the printers.

- (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.** The printer software does not use blinking frequencies between 2 Hz and 55 Hz.

- (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.** The printer software does not display its own user interface. The main printer functions are accessed through the interface supplied by the operating system. In addition, the printer software adds several options to the operating system interface that are fully compatible with the accessibility features of the operating system.

§ 1194.25 Self contained, closed products.

- (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.**

The printers are used and controlled through a computer provided by the purchaser.

- (b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.**

No timed response is required.

(c) Where a product utilizes touchscreens or contact-sensitive controls, an input methods shall be provided that complies with § 1194.23 (k) (1) through (4).

Physical contact with controls on the printers is unnecessary for normal daily use.

(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.

No biometric forms of user identification or control are used.

(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.

No auditory output is provided.

(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.

No voice output is delivered.

(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.

The printer controls do not use color coding.

(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrasts levels shall be provided.

Neither the printers nor their associated software allows a user to adjust color and contrast settings on the computer interface or on printer displays. For "color printers," there are controls for adjusting both color and contrast in the printed output of the printers.

(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.

No aspect of the printer software is known to cause a computer screen to flicker.

(j) 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 printers are neither freestanding nor non-portable, except for one model, the 9400 DXN when ordered with optional additional paper trays. The operable controls on the 9400 DXN comply with the specifications set out in (1) – (4) below.

(1) 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 (see Figure 1 of this part).

(2) 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.

(3) 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.

(4) Operable controls shall not be more than 24 inches behind the reference plane (see Figure 2 of this part).

Subpart C-Functional Performance

§ 1194.31 Functional Performance Criteria.

The printers are controlled through the user's computer, with a user interface from the operating system or application software provided by the purchaser. Accordingly, the functional performance criteria set out in this section are not relevant to the printers.

Subpart D-Information, Documentation, and Support

§ 1194.41 Information Documentation, and Support.

- (a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.**

Okidata has available for purchasers product support documentation in electronic form.

- (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.**

Not applicable.

- (c) Support services for products shall accommodate the communication needs of end-users with disabilities.**

Not applicable.