



Section 508 Conformance Audit
Voluntary Product Accessibility Template
Dell C3760n and C3760dn Printers

Dell Inc.
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Section 508 Evaluation Template

This Voluntary Product Accessibility Template (VPAT) provides guidance on the accessibility characteristics of the **Dell C3760n and C3760dn Printers as of July 17, 2012.**

Name of Product: Dell C3760n and C3760dn Printers

The current versions of the **Dell C3760n and C3760dn Printers** was tested for conformance with Section 508 of the Rehabilitation Act, specifically, the U.S. Access Board's Technical Requirements. This product was tested as of **July 17, 2012** and is only valid for the version and date it was tested.

VPAT™ Summary Table
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VPAT Summary	Total Standards	Total Applicable Standard	Supports	Exceptions
Section 1194.21 Software Applications and Operating Systems	12	10	8	2
Section 1194.22 Web-based Internet Information and Applications	16	10	8	2
Section 1194.23 Telecommunications Products	14	4	4	0
Section 1194.24 Video and Multi-media Products	5	0	0	0
Section 1194.25 Self-Contained, Closed Products	13	7	6	1
Section 1194.26 Desktop and Portable Computers	4	3	3	0
Section 1194.31 Functional Performance Criteria	6	6	5	1
Section 1194.41 Information, Documentation and Support	3	3	3	0
Total	73	43	37	6

**Section 1194.21 Software Applications and Operating Systems -- Detail
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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	Product functions are executable from a keyboard where the function itself or the result of performing a function can be discerned textually.
(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	Applications running on this product do 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.
(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	This product supports a well-defined on-screen indication of the current focus that moves among interactive interface elements as the input focus changes. The focus is programmatically exposed so 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	Supports with Exceptions	Some information about user interface elements is made available to Assistive Technology. Form fields in the web-based control panel are not explicitly labeled causing the names to not be programmatically provided to assistive technology.

<p>conveyed by the image must also be available in text.</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 image meanings (controls, status indicators, or other programmatic elements) are consistent throughout the application's performance.</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>Supports</p>	<p>Textual information (text content, text input caret location, and text attributes) for displaying text are provided.</p>
<p>(g) Applications shall not override user selected contrast and color selections and other individual display attributes.</p>	<p>Supports</p>	<p>User selected contrast and color selections and other individual display attributes set through Microsoft Windows are not superseded while running applications.</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>Animation is not used in the printer web interface or the printer's LCD.</p>
<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.</p>	<p>Supports</p>	<p>This product does not use color coding as the only means to convey information, indicating an action, prompting responses or distinguishing visual elements.</p>
<p>(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.</p>	<p>Not Applicable</p>	<p>Product does not permit a user to adjust color and contrast settings.</p>
<p>(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.</p>	<p>Supports</p>	<p>This product does not utilize flashing or blinking text within the prohibited range.</p>
<p>(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field</p>	<p>Supports with Exceptions</p>	<p>Some information about user interface elements is made available to Assistive Technology. Form fields in the web-based control panel are not explicitly labeled</p>

elements, and functionality required for completion and submission of the form, including all directions and cues.

causing the names to not be programmatically provided to assistive technology.

**Section 1194.22 Web-based Internet information and applications -- Detail
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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 with Exceptions	Some text equivalents for non-text elements are provided. Some graphical links do not have alternative text in the web interface.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	Multimedia is not present within the product.
(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	Color coding is not used as the sole means of conveying information.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	The web pages can be read without style sheets.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	Server-side image maps are not present.
(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.	Not Applicable	Server and client-side image maps are not used.
(g) Row and column headers shall be identified for data tables.	Supports	Column headers are identified for data tables.
(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	Not Applicable	Tables with multiple logical levels are not used.

column headers.		
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	Frames are titled.
(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	Flashing or Blinking text - Blinking does not occur in the prohibited 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	A text only page is not needed to access information and functions provided for this product.
(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	Content and user interface elements created by client-side scripting can be read by assistive technology. The web-based control panel is keyboard accessible.
(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).	Not Applicable	No plug-ins required.
(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 with Exceptions	Form fields are keyboard accessible; however, some lack explicit labeling.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	Frames are used and encompass navigation links. The browser's ability to skip frames can be used to bypass the

		navigation links.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	A timed response is not required by the web application.

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 1194.23 Telecommunications Products – Detail
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Criteria	Supporting Features	Remarks and explanations
(a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.	Not Applicable	Not a Telecommunications Product. Does not provide voice communication functionality.
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not Applicable	Not a Telecommunications Product. Does not provide voice communication functionality.
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not Applicable	Not a Telecommunications Product. Does not contain Voice mail, auto-attendant, and interactive voice response telecommunications systems.
(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications	Not Applicable	Not a Telecommunications Product. Does not contain Voice mail, auto-attendant, and interactive voice response

<p>systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required.</p>		<p>telecommunications systems.</p>
<p>(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.</p>	<p>Not Applicable</p>	<p>Not a Telecommunications Product. Does not contain telecommunications functionality such as caller ID.</p>
<p>(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided.</p>	<p>Not Applicable</p>	<p>Not a Telecommunications Product. Does not transmit voice signals.</p>
<p>(g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.</p>	<p>Not Applicable</p>	<p>Not a Telecommunications Product.</p>
<p>(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.</p>	<p>Not Applicable</p>	<p>Not a Telecommunications Product. Does not deliver audio output.</p>
<p>(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.</p>	<p>Not Applicable</p>	<p>Not a Telecommunications Product.</p>
<p>(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard</p>	<p>Supports</p>	<p>Product transmits communication, through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information necessary to provide the information or</p>

<p>codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.</p>		<p>communication in a usable format.</p>
<p>(k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.</p>	<p>Supports</p>	<p>Controls, keys and latches are tactilely discernible.</p>
<p>(k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum.</p>	<p>Supports</p>	<p>Controls, keys and latches may be triggered with one hand and do not require tight grasping, pinching or twisting of the wrist. Controls and keys may be activated using less than 5 pound of force (pressure).</p>
<p>(k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.</p>	<p>Not Applicable</p>	<p>Product is not a telecommunication device. Keyboard repeat is not supported.</p>
<p>(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.</p>	<p>Supports</p>	<p>Provides audible feedback when toggling and locking keys are set.</p>

Section 1194.24 Video and Multi-media Products – Detail
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Criteria	Supporting Features	Remarks and explanations
<p>(a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.</p>	<p>Not Applicable</p>	<p>Product does not have analog receiver or display circuitry.</p>
<p>(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.</p>	<p>Not Applicable</p>	<p>Product is not a Television tuner.</p>
<p>(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.</p>	<p>Not Applicable</p>	<p>No training, informational videos or multimedia is provided with this product.</p>

<p>(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.</p>	<p>Not Applicable</p>	<p>No Training, informational videos or multimedia is provided with this product.</p>
<p>(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.</p>	<p>Not Applicable</p>	<p>Product is not a video or multimedia product.</p>

Section 1194.25 Self-Contained, Closed Products – Detail
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Criteria	Supporting Features	Remarks and explanations
<p>(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.</p>	<p>Supports with exceptions</p>	<p>This product may be used by people with disabilities without requiring Assistive Technology in some use case scenarios. Some users may need Assistive Technologies such as screen readers or screen magnification installed on the networked PC to work in conjunction with the printer.</p> <p>Some configuration settings on the printer are configurable only via the printer's on-board LCD and buttons and an equivalent method for screen reader users is not provided.</p>
<p>(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.</p>	<p>Not Applicable</p>	<p>No timed response is required.</p>
<p>(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).</p>	<p>Not Applicable</p>	<p>Product does not have a touchscreen.</p>
<p>(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which</p>	<p>Not Applicable</p>	<p>No biometric forms used for user identification or control.</p>

<p>does not require the user to possess particular biological characteristics, shall also be provided.</p>		
<p>(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.</p>	<p>Not Applicable</p>	<p>The printer does not support audio output in its operation.</p>
<p>(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.</p>	<p>Not Applicable</p>	<p>The printer does not provide voice output as part of its operation.</p>
<p>(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.</p>	<p>Supports</p>	<p>Color coding is not used as the sole means of conveying information.</p>
<p>(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.</p>	<p>Not Applicable</p>	<p>Color and contrast settings are not adjustable on the printer.</p>
<p>(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.</p>	<p>Supports</p>	<p>Flashing or Blinking text - Blinking does not occur in the prohibited range.</p>
<p>(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable</p>	<p>Supports</p>	<p>The position of the operable controls is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on</p>

<p>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>		<p>products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.</p>
<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>	<p>Supports</p>	<p>Product has operable controls that are 10 inches or less behind the reference plane, the height is 54 inches maximum and 15 inches minimum above the floor.</p>
<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>	<p>Supports</p>	<p>Product has operable controls that 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>
<p>(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.</p>	<p>Supports</p>	<p>Product has operable controls that comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.</p>

**Section 1194.26 Desktop and Portable Computers – Detail
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Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Supports	<p>Controls and keys are tactilely discernible without activating the controls or keys.</p> <p>Controls and keys are operable with one hand and do not require tight grasping, pinching, or twisting of the wrist.</p> <p>The force required to activate controls and keys is less than 5 lbs.</p> <p>No key repeat.</p> <p>The status of all locking or toggle control or keys is visually discernible, and discernible either through touch or sound.</p>
(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).	Supports	<p>Controls and keys are tactilely discernible without activating the controls or keys.</p> <p>Controls and keys are operable with one hand and do not require tight grasping, pinching, or twisting of the wrist.</p> <p>The force required to activate controls and keys is less than 5 lbs.</p> <p>No key repeat.</p> <p>The status of all locking or toggle control or keys is visually discernible, and discernible either through touch or sound.</p>
(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	No biometric forms used for user identification or control.
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall	Supports	Expansion slots, ports and connectors do comply with publicly available industry standards.

comply with publicly available industry standards

Section 1194.31 Functional Performance Criteria – Detail
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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	The network PC in conjunction with assistive technology such as screen readers and screen magnifiers can be used to determine the status of the printer and print jobs via the web-based control panel. The web-based control panel's forms are not completely accessible; see 1194.22 for details. Some settings of the printer can only be configured using the printer's on-board LCD and buttons and is not accessible to users requiring a screen reader.
(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	This product does not require visual acuity greater than 20/70.
(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	This product does not require user hearing to operate or for information retrieval.
(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	This product does not require user hearing to operate or for information retrieval.

(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

User speech is not required for operations.

(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

Operation and information retrieval does not require fine motor control and simultaneous actions.

**Section 1194.41 Information, Documentation and Support – Detail
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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	Alternative forms of access to product support documentation in alternative formats are currently available by contacting Dell Customer and Technical Support: http://support.dell.com at no additional charge to the end user.
(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	Alternative forms of access to descriptions of accessibility and compatibility features in alternative formats are currently available via Dell Customer Support and Technical Support Services: http://support.dell.com at no additional charge to the end user.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Dell Provides support for Technical Support via Online Chat, Telephone and E-mail. Dell has a dedicated TTY line available.