

## Voluntary Product Accessibility Templates Electronic and Information Technology

<b>Date:</b>	03/31/05
<b>Name of Product:</b>	Kyocera 7135 smartphone
<b>Contact for more Information:</b>	<a href="http://www.kyocera-wireless.com/">http://www.kyocera-wireless.com/</a>

<b>Section 1194.21 Software Applications and Operating Systems</b>		
<i>Criteria</i>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
<p><b>(a) Executing Function from Keyboard</b> 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.</p>	Supported	Requires external keyboard. (Commercially available)
<p><b>(b) Accessibility Features</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.</p>	Supported	Phone features have precedence over any application-triggered events.
<p><b>(c) Input Focus</b> 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.</p>	Supported (Partial)	Focus highlights application icons in Palm launcher screen. Vertical line cursor for text entry positioning.  No support for Assistive Technology to track focus.
<p><b>(d) User Interface Element</b> 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.</p>	Supported	Palm launcher application image icons are displayed with respective text information.
<p><b>(e) Bitmap Images</b> 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>	Supported	

<p><b>(f) Textual Information</b> 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>	Supported	Text attributes supported are face, type and size.
<p><b>(g) User Selected Attributes</b> Applications shall not override user selected contrast and color selections and other individual display attributes.</p>	Supported	
<p><b>(h) Animation</b> When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.</p>	Not supported	
<p><b>(i) Color Coding</b> 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>	Partially Supported	Palm standards dictate that application designers avoid using color coding to differentiate between various functions, in order to enhance usability under special conditions.
<p><b>(j) Color and Contrast Settings</b> 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>	Supported	A ‘slider’ user interface element allows to change the contrast level in small increments.
<p><b>(k) Flashing or Blinking Text</b> 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>	Supported.	Datebook alert indicator flashes in top left corner screen location which indicates active alerts.
<p><b>(l) Electronic Forms</b> 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.</p>	Not Supported	No support for Assistive Technology.

<b>Section 1194.22 Web-based Internet information and applications</b>		
<i>Criteria</i>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
<p><b>(a) Text Tags</b> A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).</p>	Supported	HTML Browser ("Web") supports alternative text equivalent.
<p><b>(b) Multimedia Presentations</b> Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.</p>	Not Supported.	
<p><b>(c) Color</b> Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.</p>	Supported	
<p><b>(d) Readability</b> Documents shall be organized so they are readable without requiring an associated style sheet.</p>	Not supported	
<p><b>(e) Serve-Side Image Maps</b> Redundant text links shall be provided for each active region of a server-side image map.</p>	Supported	
<p><b>(f) Client-Side Image Maps</b> 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.</p>	Supported	
<p><b>(g) Data Table</b> Row and column headers shall be identified for data tables.</p>	Supported	
<p><b>(h) Data Table</b> 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.</p>	Supported	
<p><b>(i) Frames</b> Frames shall be titled with text that facilitates frame identification and navigation</p>	Supported	
<p><b>(j) Flicker Rate</b> Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.</p>	Supported	Within the range
<p><b>(k) Text-Only Alternative</b> 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.</p>	Supported	HTML Browser ("Web") downloads web pages without images (text only) as a default setting.
<p><b>(l) Scripts</b> 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.</p>	Not Supported	No support for Assistive Technology.

<p><b>(m) Applets and Plug-Ins</b>          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).</p>	<p>Not Supported</p>	<p>Browser does not display such content that requires plug-ins.</p>
<p><b>(n) Electronic Forms</b>          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.</p>	<p>Not Supported</p>	<p>No support for Assistive Technology.</p>
<p><b>(o) Navigation Links</b>          A method shall be provided that permits users to skip repetitive navigation links.</p>	<p>Not supported</p>	
<p><b>(p) Time Delays</b>          When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.</p>	<p>Supported</p>	<p>3<sup>rd</sup> party Palm applications (mainly Games) have implemented such function.</p>

<b>Section 1194.23 Telecommunications Products</b>		
<i>Criteria</i>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
<p><b>(a) TTY Connection/Microphone</b> 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.</p>	Supported	<p>2.5mm jack is supported.</p> <p>Voice carryover and hearing carryover may not be supported.</p>
<p><b>(b) TTY Signal Protocols</b> Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.</p>	Supported	<p>Standard TTY Baudot Transmission Protocol (IS-825) is supported.</p>
<p><b>(c) Interactive Voice Response System</b> Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.</p>	Supported	<p>Network feature that is provided by service provider/carrier. Phone can be connected to a TTY device via 2.5mm jack.</p>
<p><b>(d) Time Interval Alerts</b> Voice mail, messaging, auto-attendant, and interactive voice response telecommunications 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>	Not Applicable	<p>Network feature that is provided by service provider/carrier.</p> <p>Voice memo recording and voice recognition provide a voice prompt to indicate if time is running out or if a response is required. As for voice mail, there are no timeout intervals on the phone side, but rather the network.</p>
<p><b>(e) Caller ID and Similar Functions</b> Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.</p>	Supported	<p>For hearing impaired, caller ID information is displayed. If a special ringer is assigned to a caller, that ring will indicate caller's identification.</p>
<p><b>(f) Volume Control</b> 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>	No	<p>Volume steps are 4 dB, with maximum level 12 dB above nominal setting.</p>
<p><b>(g) Automatic Volume Level Reset</b> 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>	Not Applicable	<p>This is a single person used device. Volume settings stay at last setting after every use.</p>
<p><b>(h) Hearing Aid Compatibility</b> 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>	Supported	<p>Provided by accessory connected to the 2.5mm headset connector.</p>

<p><b>(i) Minimized Interference</b> 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>Supported</p>	<p>Phone meets min. FCC "M3" reduced RF interference requirements.</p>
<p><b>(j) Transmitting/ Conducting Information</b> Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard 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>Supported</p>	<p>Implement industry standard protocol.</p>
<p><b>(k) Controls and Keys</b> (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>Supported</p>	<p>Ribs outline the sides of the "5" key for the visually impaired individual to discern this key by touch.</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>Supported</p>	<p>One handed operation is possible with the phone. Force required to activate a key is less than 5 lbs</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>Supported</p>	<p>Number keys do not repeat. On the control keys such as directional keys, key does repeat, but delay is less than 2 seconds</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>Supported</p>	<p>The buttons do not lock but when the flip is closed it protects the buttons. Closing the flip is visually discernible and selectable sounds can be assigned to indicate when the flip is opened and closed.</p>

<b>Section 1194.41 Information, Documentation and Support</b>		
<i>Criteria</i>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Supported	Product Support documentation available at company site with no charge for downloading.
(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.	Supported	SDK provides API level description and available to end-users at company's site.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supported	