

# Section 508

## Voluntary Product Accesibility

This template is based on the Voluntary Product Accessibility Template proposed by the Information Technology Industry Council <http://www.itic.org>. It is designed to assist Federal contracting officials in fulfilling their acquisition planning responsibilities as identified in FAR section 10.001 (a)(3)(vii): to assess the availability of electronic and information technology that meets all or part of the applicable accessibility standards issued by the Architectural and Transportation Barriers Compliance Board at 36 CFR part 1194 (see subpart 39.2).

REQUIREMENT	SUPPORTING FEATURES AND REMARKS				
SUBPART B -- §1194.23 Telecommunications Products	Aastra	Avaya	Cisco	NEC	Northern Telecom
(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 <del>turned on and off to allow the user to intermix speech with TTY use</del>	Standard RJ-11 Connection	Standard RJ-11 Connection	Standard RJ-11 Connection	Standard RJ-11 Connection	Standard RJ-11 Connection
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal <del>protocols</del>	All standard protocols supported	All standard protocols supported	All standard protocols supported	All standard protocols supported	All standard protocols supported
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Voice response features of applicable <del>switch are supported</del>	Voice response features of applicable <del>switch are supported</del>	Voice response features of applicable <del>switch are supported</del>	Voice response features of applicable <del>switch are supported</del>	Voice response features of applicable <del>switch are supported</del>
(d) 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 <del>time for the user to indicate more time is required</del>	Voice response time-out features of applicable switch are supported	Voice response time-out features of applicable switch are supported	Voice response time-out features of applicable switch are supported	Voice response time-out features of applicable switch are supported	Voice response time-out features of applicable switch are supported
(e) Where provided, caller identification and similar telecommunications functions shall <del>also be available for users of TTYs, and for users who cannot see displays</del>	Not supported, <del>Visual display only</del>	Not supported, <del>Visual display only</del>	Not supported, <del>Visual display only</del>	Not supported, <del>Visual display only</del>	Not supported, <del>Visual display only</del>
(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 <del>intermediate step of 12 dB of gain shall be provided</del>	Adjustable Volume control, varies by model	Adjustable Volume control, varies by model	Adjustable Volume control, varies by model	Adjustable Volume control, varies by model	Adjustable Volume control, varies by model
(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.	Electronic volume controls reset to default. Mechanical slide and thumbwheel controls must be <del>manually adjusted</del>	Electronic volume controls reset to default.	Electronic volume controls reset to default.	Electronic volume controls reset to default. Mechanical slide and thumbwheel controls must be <del>manually adjusted</del>	Electronic volume controls reset to default. Mechanical slide and thumbwheel controls must be <del>manually adjusted</del>
(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 <del>technologies shall be provided</del>	Standard Handset is TTY compatible.	Standard Handset is TTY compatible.	Standard Handset is TTY compatible.	Standard Handset is TTY compatible.	Standard Handset is TTY compatible.
(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 <del>of hearing technologies to utilize the telecommunications product</del>	Certified by OEM as Hearing Aid <del>Compatible</del>	Certified by OEM as Hearing Aid <del>Compatible</del>	Certified by OEM as Hearing Aid <del>Compatible</del>	Certified by OEM as Hearing Aid <del>Compatible</del>	Certified by OEM as Hearing Aid <del>Compatible</del>
(j) 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 <del>shall restore it upon delivery</del>	Standard protocols used. No encoding or compression.	Standard protocols used. No encoding or compression.	Standard protocols used. No encoding or compression.	Standard protocols used. No encoding or compression.	Standard protocols used. No encoding or compression.

<p>(k) Products which have mechanically operated controls or keys, shall comply with the following:</p> <p>(1) Controls and keys shall be tactilely discernible without activating the controls or keys.</p> <p>(2) Controls and keys shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2 N) maximum.</p> <p>(3) 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>(4) The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.</p>	<p>Repeat interval Not Applicable, or not adjustable.</p> <p>All toggle controls visually discernable.</p>	<p>Repeat interval Not Applicable, or not adjustable.</p> <p>All toggle controls visually discernable.</p>	<p>Repeat interval Not Applicable, or not adjustable.</p> <p>All toggle controls visually discernable.</p>	<p>Repeat interval Not Applicable, or not adjustable.</p> <p>All toggle controls visually discernable.</p> <p>Membrane Program/Function Keys on some models not discernable by touch.</p>	<p>Repeat interval Not Applicable, or not adjustable.</p> <p>All toggle controls visually discernable.</p>
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The information provided above is based on evaluation and/or review of the Original Equipment Manufacturers (OEM) specifications of all telephone sets and other human interface devices supported by Telesource for the applicable manufacturer. Circuit card assemblies and/or other equipment, not intended for use as human interface devices, have not been evaluated. For more detailed information on specific products, contact your Account Manager, or email: [etteam@mytelesource.com](mailto:etteam@mytelesource.com). This information is provided, pursuant to FAR Part 39.2, to be used by Requiring Officers. It is not intended to represent a certification for compliance. Any statement of compliance or conformance indicated on this document is an indication that the product shall be capable, at the time of its delivery, when used in accordance with OEM specifications, of providing comparable access to individuals with disabilities consistent with the designated provision of the Standards, provided that any assistive technologies used with the product properly interoperates with it and other assistive technologies.