



**Section 508 Accessibility Information
for UNIVERGE® UM8700**

The following information relates to NEC products offered under our GSA Schedule GS-35F-0245J and other Federal Contracts.

NEC Corporation of America, based upon its interpretation of the Section 508 regulations, reasonably believes that its products may support some of the features set forth under Section 1194.23 - Telecommunications Products. However, the information herein is not a representation of conformance or compliance and is provided for informational purposes only.

If you have questions regarding Section 508 regulations as they apply to these NEC products, please contact NEC Corporation of America, by calling 214-262-7095, or by sending a detailed e-mail request to Section508@necam.com.

Summary Table Voluntary Product Accessibility Template		
Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Not applicable	
Section 1194.22 Web-based internet information and applications	Not applicable	
Section 1194.23 Telecommunications Products	See details	
Section 1194.24 Video and Multi-media Products	Not applicable	
Section 1194.25 Self-Contained, Closed Products	Not applicable	
Section 1194.26 Desktop and Portable Computers	Not applicable	
Section 1194.31 Functional Performance Criteria	See details	
Section 1194.41 Information, Documentation and Support	See details	

UNIVERGE® UM8700 Unified Messaging System		
508 Standard 1194.23	Supporting Feature	Remarks / Comments
1194.23(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	The UNIVERGE UM8700 supports a TTY User Interface.
1194.23(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Yes	UM8700 supports a TTY user interface compatible with all Baudot tone compatible devices.
1194.23(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Yes	UM8700 supports a TTY user interface compatible with all Baudot tone compatible devices. In addition, the UNIVERGE UM8700 system can optionally provide a fully featured LAN- based, graphical user interface, easing mailbox use by hearing impaired users when combined with an amplitude-adjustable telephone, PC speakers or headset.

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508 Standard 1194.23	Supporting Feature	Remarks / Comments
1194.23(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 time for the user to indicate more time is required.	Yes	UM8700 will re-prompt the user multiple times. This setting is configurable
1194.23(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	Yes	When available, caller identification is presented via audio or TTY.
1194.23(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.	Yes	The customer supplies the communications products such as a phone with adjustable gain controls. However, UNIVERGE UM8700 allows listeners to increase the playback gain through the use of an amplitude-adjustable phone or via multi-media computer.
1194.23(g) If a 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.	Yes	All settings return to standard defaults after each user session.
1194.23(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.	Not applicable	There are no audio transducers in the UNIVERGE UM8700.

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1194.23(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.	Not applicable	The UNIVERGE UM8700 is generally not located with the callers. The UM8700 is designed to meet FCC Part 68 and 15 Class A requirements.
1194.23(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 shall restore it upon delivery.	Yes	
1194.23(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.	Not applicable	This product does not in and of itself have mechanically operated controls.
1194.23(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.	Not applicable	This product does not in and of itself have mechanically operated controls.

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1194.23(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.	Not applicable	This product does not in and of itself have mechanically operated controls.
1194.23(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.	Not applicable	This product does not in and of itself have mechanically operated controls.

UNIVERGE® UM8700 Voice/Unified Messaging System		
508 Standard 1194.31	Supporting Feature	Remarks / Comments
1194.31(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.	Yes	The UNIVERGE UM8700 supports a telephone user interface supported by audio prompts and can be controlled by voice commands or keypad entry.
1194.31(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.	Yes	The UNIVERGE UM8700 supports a telephone user interface supported by audio prompts and can be controlled by voice commands or keypad entry.



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1194.31(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.	Yes	The UNIVERGE UM8700 supports a TTY user interface.
1194.31(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.	Yes	The UNIVERGE UM8700 supports a TTY user interface.
1194.31(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.	Yes	The UNIVERGE UM8700 supports a TTY user interface.
1194.31(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.	Yes	UM8700 supports a telephone user interface supported by audio prompts and can be controlled by voice commands or keypad entry, a TTY user interface, and a graphical user interface

UNIVERGE® UM8700 Voice/Unified Messaging System		
508 Standard 1194.41	Supporting Feature	Remarks / Comments
1194.41(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Yes	Documentation will be supplied in accessible, electronic format upon request.
1194.41(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.	Yes	Documentation will be supplied in accessible, electronic format upon request.
1194.41(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Yes	Support services, including telephone and email, supporting the communications needs of persons with disabilities are supplied by the local reseller of this product.