



Voluntary Product Accessibility Template (VPAT)

Date: March 25, 2019
Product Name: UNIVERGE UM4730
Product Version Number: 11.x
Vendor Company Name: NEC Corporation of America
Vendor Contact: Section508@necam.com

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 various sections as identified in the Summary Table below. However, the information herein is not a representation of conformance or compliance and is provided for informational purposes only.

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	Support	Product supports most criteria in this section with some exceptions.
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	Support	Product fully supports criteria in this section
Section 1194.41 Information, Documentation and Support	Support	Product fully supports criteria in this section

UNIVERGE® UM4730 Voice/Unified Messaging System		
508 Standard 1194.23	Supporting Feature	Remarks / Comments
<p>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.</p>	<p>Supports through Equivalent Facilitation</p>	<p>The NEC UNIVERGE UM4730 complies with this section to the extent indicated in Paragraphs 1194.23(b) and 1194.23(c).</p>
<p>1194.23(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.</p>	<p>Supports through Equivalent Facilitation</p>	<p>Hearing impaired individuals who rely on TTY's for telephone communication will require the assistance of a dual-party relay service in order to use the UNIVERGE UM4730 system. In addition, the UNIVERGE UM4730 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 and/or provide the ability for recorded messages to be converted from an audio format to a text format (i.e., Speech-to-Text).</p>

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508 Standard 1194.23	Supporting Feature	Remarks / Comments
1194.23(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Supports	Hearing impaired individuals who rely on TTY's for telephone communication will require the assistance of a dual-party relay service in order to use the UNIVERGE UM4730 system. In addition, the UNIVERGE UM4730 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.
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.	Supports	The NEC UNIVERGE UM4730 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.	Not applicable	This is a function of the telephone connected to the PBX system.

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508 Standard 1194.23	Supporting Feature	Remarks / Comments
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.	Not applicable	The customer supplies the communications products such as a phone with adjustable gain controls. However, UNIVERGE UM4730 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.	Supports	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 UM4730.
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 UM4730 is generally not located with the user. The UNIVERGE UM4730 is designed to meet FCC Part 68 and 15 Class A requirements.

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508 Standard 1194.23	Supporting Feature	Remarks / Comments
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.	Supports	
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.
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.

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508 Standard 1194.23	Supporting Feature	Remarks / Comments
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® UM4730 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.	Supports	The UNIVERGE UM4730 supports a telephone user interface supported by audio prompts and can be controlled by DTMF 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.	Supports	The UNIVERGE UM4730 supports a telephone user interface supported by audio prompts and can be controlled by DTMF keypad entry.
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.	Supports	The UNIVERGE UM4730 offers a graphical user interface which provides a non-voice, non-TTY access to the user's mailbox.

UNIVERGE® UM4730 Voice/Unified Messaging System		
508 Standard 1194.31	Supporting Feature	Remarks / Comments
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.	Supports	The audio output level of the UNIVERGE UM4730 is adjustable via the telephone or graphical 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.	Supports	All user menus of the UNIVERGE UM4730 may be accessed via the telephone's keypad or via the graphical user interfaces.
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.	Supports	UM4730 supports a telephone user interface supported by audio prompts and can be controlled by DTMF keypad entry, a TTY user interface, and a graphical user interface

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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.	Supports	We provide PDF documentation, online documentation. Presentations and more are free of charge. All documentation and support material in industry standard formats for use with assistive technology or solutions.
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.	Supports	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.	Supports	Support services, including telephone and email, supporting the communications needs of persons with disabilities are supplied by the local Authorized NEC Solutions Integrator of this product.