Avaya Intuity™ AUDIX® LX Release 2.0 Telephone User Interface Voluntary Product Accessibility Template (VPAT)§ 1194.23 Telecommunications ProductsCriteriaSupporting FeaturesRemarks and Explanations		

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		mailboxes to employees who will be
		receiving both voice and TTY calls.
1194.23(b) Telecommunications products, which include voice communication functionality, shall support all commonly used cross- manufacturer non-proprietary standard TTY signal protocols.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	The only TTY protocol that the US Access Board presently requires in messaging systems is TIA/EIA 825, commonly referred to as 45.45 baud Baudot signaling. The proprietary Avaya CELP-16 ("Code Excited Linear Prediction") audio encoding algorithm, used in Intuity AUDIX LX R2.0, is able to record and play back TTY signals perfectly.
		The Avaya Intuity TTY user interface is winner of the Access Innovation Award from the Association of Access Engineering Specialists.
1194.23(c) Voice mail, auto- attendant, and interactive voice	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	Avaya Intuity AUDIX LX R2.0 is
response telecommunications		operable with TTYs in pure TTY mode or in a mixed TTY-and-voice mode,
systems shall be usable by TTY users		such as VCO (Voice Carry Over).
with their TTYs.		Full TTY compatibility is provided for
		all telephone-access functions,
		including the subscriber user
		interface, call-answer user interface,
		and auto-attendant functions. In addition, mailboxes are accessible via a graphical user interface, thereby further facilitating use by individuals with hearing impairments.
		The Avaya Intuity TTY user interface is winner of the Access Innovation Award from the Association of Access Engineering Specialists.
		NOTE: It has been our experience that most of the auto-attendant scripts that operate on Avaya platforms have been implemented by the managers of the systems, rather than by Avaya. For this reason, in many auto- attendant applications, it will be the purchaser's responsibility to ensure conformance with this accessibility standard.
1194.23(d) Voice mail, messaging,	Avaya Intuity AUDIX LX R2.0	In addition to satisfying this
auto-attendant, and interactive voice	conforms to this standard.	requirement, Avaya Intuity AUDIX LX
response telecommunications		R2.0 permits the time-out interval to
systems that require a response from a user within a time interval, shall give		be adjusted by the system administrator.
a user within a time litter val, 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.	Avera Intuity ALIDIX LX D2.0	When a magazine conder's ID
1194.23(e) Where provided, caller identification and similar	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	When a message-sender's ID information is obtained by Avaya
telecommunications functions shall		
also be available for users of TTYs,		Intuity AUDIX LX R2.0, it is accessible to the mailbox owner visually via the
and for users who cannot see		TTY user interface and aurally via the
displays.		telephone user interface.
1194.23(f) For transmitted voice	Avaya Intuity AUDIX LX R2.0	The user-adjustable amplitude range
signals, telecommunications products	conforms to this standard.	in the Avaya Intuity AUDIX LX R2.0
shall provide a gain adjustable up to a		telephone user interface (i.e., the
minimum of 20 dB. For incremental		lowest user-selectable amplitude
volume control, at least one		versus the highest user-selectable
intermediate step of 12 dB of gain		amplitude) exceeds 20 dB. An
shall be provided.		intermediate step of 12 dB is
		provided.
		NOTE: It is important to recognize
		that none of the commonly accepted
		standards for voice communication
		between telephones and associated
		back-office equipment (such as
		voicemail servers) has 20 dB of
		amplitude headroom available. Under
		typical conditions, the maximum
		additional gain in the output of back-
		office systems, without introducing
		unacceptable levels of distortion, is
		approximately 12 dB – the amount
		provided by Intuity AUDIX LX R2.0.
		Users who require higher levels of
		amplification can access the system
		via endpoints that provide additional
		user-adjustable amplification, such as
		any Avaya telephone.
1194.23(g) If the telecommunications	Avaya Intuity AUDIX LX R2.0	All user-adjustable audio adjustments,
product allows a user to adjust the	conforms to this standard.	made during a call by sending
receive volume, a function shall be		appropriate DTMF ("Touchtone")
provided to automatically reset the		commands to the Avaya Intuity
volume to the default level after every		AUDIX LX R2.0, are reset
use.		automatically to the default level when
		the call is completed.
		Note that, in addition to amplitude and
		call-answer prompting language, the
		playback speed of messages and
		prompts is user-adjustable. The
		ability to adjust the playback rate can
		be helpful to people who have trouble

		understanding spaceb when it is
		understanding speech when it is presented at a normal rate, such as
		people who are hard-of-hearing,
		people who are not fluent in the
		language being spoken, and people
		with cognitive disabilities.
1194.23(h) Where a	This standard does not apply	There is no aspect of Avaya Intuity
telecommunications product delivers	to Avaya Intuity AUDIX LX	AUDIX LX R2.0 that would interfere
output by an audio transducer which	R2.0 because these systems	with the ability of a transducer-
is normally held up to the ear, a	do not have audio	equipped device (e.g., a telephone
means for effective magnetic wireless	transducers.	handset) to conform to this
coupling to hearing technologies shall		requirement.
be provided.		
1194.23(i) Interference to hearing	This standard does not apply	There is no aspect of Avaya Intuity
technologies (including hearing aids,	to Avaya Intuity AUDIX LX	AUDIX LX R2.0 that would interfere
cochlear implants, and assistive	R2.0 because the physical	with the ability of a transducer-
listening devices) shall be reduced to	components of these systems	equipped device (e.g., a telephone
the lowest possible level that allows a	are not co-located with the	handset) to conform to this
user of hearing technologies to utilize	users.	requirement.
the telecommunications product.		
1194.23(j) Products that transmit or	Avaya Intuity AUDIX LX R2.0	The Intuity AUDIX LX R2.0 audio
conduct information or	conforms to this standard.	encoding algorithm, an Avaya
communication, shall pass through		propriety version of Code Excited
cross-manufacturer, non-proprietary,		Linear Prediction, provides high
industry-standard codes, translation		quality recording and playback of
protocols, formats or other information		speech and TTY signals. The Avaya
necessary to provide the information		implementation permits speech and
or communication in a usable format.		TTY signals to be intermixed within
Technologies which use encoding,		the same recording.
signal compression, format		
transformation, or similar techniques		
shall not remove information needed		
for access or shall restore it upon		
delivery.		
1194.23(k)(1) Products which have	This standard does not apply	Intuity AUDIX LX R2.0 is operated via
mechanically operated controls or	to Avaya Intuity AUDIX LX	the controls and keys of the user's
keys shall comply with the following:	R2.0 because it has no	endpoint device, e.g., the user's
Controls and Keys shall be tactilely	controls or keys.	telephone.
discernible without activating the		
controls or keys.		
1194.23(k)(2) Products which have	This standard does not apply	Intuity AUDIX LX R2.0 is operated via
mechanically operated controls or	to Avaya Intuity AUDIX LX	the controls and keys of the user's
keys shall comply with the following:	R2.0 because it has no	endpoint device, e.g., the user's
Controls and Keys shall be operable	controls or keys.	telephone.
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		
Ibs. (22.2N) maximum.		
1194.23(k)(3) Products which have	Avaya Intuity AUDIX LX R2.0	There are no key repeat functions in
mechanically operated controls or	conforms to this standard.	the Avaya Intuity AUDIX LX R2.0

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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.		telephone user interface.
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.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	The status of all toggled functions associated with Avaya Intuity AUDIX LX R2.0, such as whether the message being created by the user is marked Private or Priority, is accessible by voice output through the standard telephone user interface, and is visually discernible by TTY users.

§ 1194.31 Functional Performance Criteria

Criteria	Supporting Features	Remarks and Explanations
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.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	All Avaya Intuity AUDIX LX R2.0 end user functions (e.g., directory lookup, message retrieval, and greeting administration) may be accessed without vision via the telephone user interface. Text email can be read to users over the phone via a text-to- speech converter that is a standard component of the system.
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.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	All Avaya Intuity AUDIX LX R2.0 end user functions (e.g., directory lookup, message retrieval, and greeting administration) may be accessed without vision via the telephone user interface. Text email can be read to users over the phone via a text-to- speech converter that is a standard component of the system.
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.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	Users may access Avaya Intuity AUDIX LX R2.0 visually via a fully featured graphical user interface. With regard specifically to the telephone user interface, features that support TTY compatibility are described in the sections that address paragraphs 1194.23(a), 1194.23(b), 1194.23(c), 1194.23(e), and 1194.23(j). Features of value to hearing impaired users, in addition to

		those required by 1194.23(f) and 1194.23(g), include the ability to adjust the playback rate of the speech and the ability to replay specific components of voice prompts and messages.
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.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	The Avaya Intuity AUDIX LX R2.0 features of value to hearing impaired users, in addition to those required by 1194.23(f) and 1194.23(g), include the ability to adjust the playback rate of the speech and the ability to replay specific components of voice prompts and messages.
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.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	All telephone-access functions of the Avaya Intuity AUDIX LX R2.0, even those operable by speech recognition, may be accessed via the telephone's keypad or via a graphical 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.	Avaya Intuity AUDIX LX R2.0 conforms to this standard.	The reach and strength components of this requirement do not apply to Avaya Intuity AUDIX LX R2.0 because it is operated from a telephone or from the user's personal computer. No simultaneous actions (e.g., pressing two buttons at the same time) are required for its operation.

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