

## **Procurement Procedures for Accessible Electronic Information Technology**

Section 508 of the Rehabilitation Act states that Electronic Information Technology (EIT) "includes information technology and any equipment or interconnected system or subsystem of equipment that is used in the creation, conversion, or duplication of data or information. The term electronic and information technology includes, but is not limited to, telecommunications products (such as telephones), information kiosks and transaction machines, World Wide Web sites, multimedia, and office equipment such as copiers and fax machines. The term does not include any equipment that contains embedded information technology that is used as an integral part of the product, but the principal function of which is not the acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information."

Procurement Services as an initial step to comply with the law will begin to require Voluntary Product Accessibility Templates (VPAT) from suppliers of (EIT) products to the university. A VPAT is a vendor-generated statement (using the required template) that provides relevant information on how a vendor's product or service claims to conform to the Section 508 Standards. The VPAT product is a tool developed by industry, and government, Government Services Administration (GSA) to help facilitate the market research responsibilities of Federal IT professionals, by enabling government requestors to compare vendor products. The VPAT was designed to provide information on how a product or service conforms to the Section 508 Accessibility Standards (from the U.S. Access Board) for Electronic and Information Technology (E&I T) in a consistent fashion and format. In general, Vendors should generate a VPAT whenever they develop products or services that are determined to be E&I T and are to be sold in the Federal market place. In each VPAT, the vendor is expected to make specific statements, in simple understandable language, about how their product or service meets the requirements of the Section 508 Standards (section by section, and paragraph by paragraph).

Those responsible for making EIT procurement decisions (Information Technology, Procurement Services and the Campus customer) must consider accessibility as one of the criteria for acquisition. This is especially crucial for enterprise-level systems or technologies that affect a large number of students, faculty, and/or staff. EIT suppliers will be requested to provide a VPAT pertaining to their products when quotes are requested, bids issued, and purchase orders or contracts are issued.


Procurement Agents must request VPATs be attached to vendor quotes when purchasing EIT products. Bid request language for RFPs, RFQs, IFBs and RFIs have been revised to include language to request information from suppliers and VPATs as part of the bidding process. Suppliers not providing the requested information and documents will be considered non-responsive to the required specifications of the bid.

When a purchase order is created for EIT products, the Z40EIT statement is to be inserted:

All electronic and information technology (EIT) procured through this purchase order must meet the applicable accessibility standards of 36 CFR 1194. 36 CFR 1194 implements Section 508 of the Rehabilitation Act of 1973, as amended, and is viewable at the following URL: <http://www.section508.gov> The following Section 508 technical standards are applicable to this RFP, as a minimum: " Software Applications and Operating Systems (1194.21)" Web-based Intranet and Internet Information and Applications (1194.22) " Video or Multimedia Products

(1194.24) C.4. Contractors must provide a voluntary product accessibility template (VPAT) as a condition of this purchase.

In addition to attaching the VPATs to the purchase order the Purchasing Agent is required to enter a “V” in the requirements number field by line item to indicate that a VPAT has been received for that line item and is attached to the purchase order.



S...	Itm	O...	Deliv. Date	Stor. L...	Requisitioner	Net Price	Per	O...	Purchase ...	Req...	Matl Group	Info Rec.	Plnt	Reqmt No.	R...	F...	T.
	1	EA	06/27/2014		Sunealtis M	1,799.00	1	EA	10468403	1	COMPUTER ...		India..V		<input type="checkbox"/>	<input type="checkbox"/>	
	2	EA	06/27/2014		Sunealtis M	249.00	1	EA	10468403	2	COMPUTER ...		India..V		<input type="checkbox"/>	<input type="checkbox"/>	
															<input type="checkbox"/>	<input type="checkbox"/>	

VPATs will be attached in the SAP system to requisitions, purchase orders, or contracts when they are received from the vendor. This is the responsibility of the Procurement Agent during the processing of an EIT product transaction.

The addition of the “V” in the SAP Requirement Number field will enable IUP to utilize the existing ZM07R report to extrapolate the information requested i.e. list of vendors with VPATs, number of orders processed with VPATs attached etc.

**Note** many of the major EIT vendors have their VPATS listed on their websites. For example reference the attached VPAT for a Micro Soft iPad.

# Voluntary Product Accessibility Template

Date: May 12, 2014

Name of Product: Lync 2013 for iPad

Contact for more information: <http://www.microsoft.com/enable>

## Summary Table

Criteria	Supporting Feature	Remarks and Explanations
<a href="#">Section 1194.21 Software Applications and Operating Systems - Detail</a>	Level of support varies by individual requirement	Please refer to the VPAT Details
<a href="#">Section 1194.22 Web-based Internet information and applications – Detail</a>	Not applicable	Section not applicable to this product
<a href="#">Section 1194.23 Telecommunications Products – Detail</a>	Not applicable	Section not applicable to this product
<a href="#">Section 1194.24 Video and Multi-media Products – Detail</a>	Not applicable	Section not applicable to this product
<a href="#">Section 1194.25 Self-Contained, Closed Products – Detail</a>	Not applicable	Section not applicable to this product
<a href="#">Section 1194.26 Desktop and Portable Computers – Detail</a>	Not applicable	Section not applicable to this product
<a href="#">Section 1194.31 Functional Performance Criteria – Detail</a>	Level of support varies by individual requirement	Please refer to the VPAT Details
<a href="#">Section 1194.41 Information, Documentation and Support – Detail</a>	Supported	Please refer to the VPAT Details

## Voluntary Product Accessibility Template

### Section 1194.21 Software Applications and Operating Systems - Detail

Criteria	Supporting Feature	Remarks and Explanations
(a) 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.	Supported	
(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.	Supported	
(c) 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.	Supported	
(d) 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.	Supported	
(e) 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.	Supported	
(f) 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.	Supported	

## Voluntary Product Accessibility Template

Criteria	Supporting Feature	Remarks and Explanations
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supported	<p>The Larger Type setting under the iOS Accessibility settings only apply to native iOS apps - mail, contacts, calendars, messages and notes.</p> <p>The Speak Selection feature is only available for text which can be highlighted and selected. The text within the Lync chat bubble cannot be highlighted because of the complexity of parsing emoticons and other non-text content that could be displayed in the IM window so the Speak option is not available.</p>
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supported	
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supported	
(j) 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.	Supported	
(k) 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.	Supported	
(l) 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.	Supported	

## Voluntary Product Accessibility Template

### Section 1194.22 Web-based Internet information and applications – Detail

Criteria	Supporting Feature	Remarks and Explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Not applicable	
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Not applicable	
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Not applicable	
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	
(f) 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.	Not applicable	
(g) Row and column headers shall be identified for data tables.	Not applicable	
(h) 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.	Not applicable	
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not applicable	
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	
(k) 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.	Not applicable	
(l) 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.	Not applicable	

## Voluntary Product Accessibility Template

Criteria	Supporting Feature	Remarks and Explanations
(m) 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).	Not applicable	
(n) 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.	Not applicable	
(o) A method shall be provided that permits users to skip repetitive navigation links.	Not applicable	
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	

## Voluntary Product Accessibility Template

### Section 1194.23 Telecommunications Products – Detail

Criteria	Supporting Feature	Remarks and Explanations
(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	
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not applicable	
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not applicable	
(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.	Not applicable	
(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	
(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	
(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.	Not applicable	
(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic	Not applicable	



## Voluntary Product Accessibility Template

Criteria	Supporting Feature	Remarks and Explanations
wireless coupling to hearing technologies shall be provided.		
(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	
(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.	Not applicable	
(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	
(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	
(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	
(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	

## Voluntary Product Accessibility Template

### Section 1194.24 Video and Multi-media Products – Detail

Criteria	Supporting Feature	Remarks and Explanations
(a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.	Not applicable	
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Not applicable	
(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.	Not applicable	
(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.	Not applicable	
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Not applicable	

## Voluntary Product Accessibility Template

### Section 1194.25 Self-Contained, Closed Products – Detail

Criteria	Supporting Feature	Remarks and Explanations
(a) Self-contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Not applicable	
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at any time.	Not applicable	
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Not applicable	
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of	Not applicable	

## Voluntary Product Accessibility Template

Criteria	Supporting Feature	Remarks and Explanations
producing a variety of contrast levels shall be provided.		
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.	Not applicable	
(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.	Not applicable	
(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	Not applicable	
(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Not applicable	

## Voluntary Product Accessibility Template

### Section 1194.26 Desktop and Portable Computers – Detail

Criteria	Supporting Feature	Remarks and Explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Not applicable	
(b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	
(c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Not applicable	

## Voluntary Product Accessibility Template

### Section 1194.31 Functional Performance Criteria – Detail

Criteria	Supporting Feature	Remarks and Explanations
(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.	Supported	For details see criteria: 1194.21 a, b, c, d, e, f, h, i, l ; 1194.22 all; 1194.23 k1, k4 ; 1194.24 d ; 1194.25 a, b, c, e, f, g ; 1194.26 b, d
(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.	Supported with exceptions	For details see criteria: 1194.21 c, g, i, j, l; 1194.22 n; 1194.25 h
(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.	Supported	For details see criteria: 1194.22 b, m ; 1194.23 h, i ; 1194.24 c ; 1194.25 e, f
(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.	Supported	For details see criteria: 1194.23 h, i; 1194.25 e, f
(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.	Not applicable	
(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.	Supported	For details see criteria: 1194.21a, b; 1194.22 p; 1194.23 d, k1, k2, k3; 1194.25 b, j

## Voluntary Product Accessibility Template

### Section 1194.41 Information, Documentation and Support – Detail

Criteria	Supporting Feature	Remarks and Explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Supported	Microsoft can produce alternative format of documentation for customer upon request.
(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	Microsoft can produce alternative format of documentation for customer upon request.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supported	<p>The Microsoft Product Support Services Help Desk is familiar with such features as keyboard access and other options important to people with disabilities.</p> <p>Microsoft offers a teletypewriter (TTY) service for customers who are deaf or hard of hearing. For assistance in the United States, contact Microsoft Technical Support on a TTY at 1-800-892-5234. This service is available Monday through Friday 6:00 A.M. to 6:00 P.M. PST.</p> <p>For information on additional support services, visit the Microsoft Accessibility Web site at <a href="http://www.microsoft.com/enable">http://www.microsoft.com/enable</a></p>

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Microsoft regularly updates its websites and provides new information about the accessibility of products as that information becomes available.