UNITED STATES DEPARTMENT OF STATE INFORMATION RESOURCE MANAGEMENT

IMPACT

PROGRAM FOR ACCESSIBLE COMPUTER/COMMUNICATION TECHNOLOGY

Voluntary Product Accessibility Template (VPAT)

Date: December 12, 2016

Product Name: ProSAM Solution Suite

Product Version Number: Version 3.6

Vendor Company Name: Sigma Systems, Inc.

Vendor Contact Name : Cliff Clevenger

Vendor Contact Telephone: 800.747.4462

APPENDIX A: Suggested Language Guide

Summary Table
Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Multiple response types	
Section 1194.22 Web-based Internet Information and Applications	Not Applicable	
Section 1194.23 Telecommunications Products	Not Applicable	
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	Supports when combined with Compatible AT	
Section 1194.41 Information, Documentation and Support	Supports when combined with Compatible AT	

Section 1194.21 Software Applications and Operating Systems - Detail
Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	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.	Supports	
(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 fo r those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supports	
(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 sha l be programmatically exposed so that Assistive Technology can track focus and focus changes.	Supports	
(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.	Supports	

(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.	Supports
(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.	Supports
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not Applicable
(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.	Does Not Support
(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.	Not Applicable
(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.	Supports
(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.	Supports when combined with Compatible AT

Section 1194.22 Web-based Intranet and Internet information and Applications - Detail
Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	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 a lso 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-s ide 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	Not Applicable
the primary page changes.	
(l) When pages utilize scripting	
languages to display content, or to create interface elements, the	Not Applicable
information provided by the script shall	
be identified with functional text that can be read by Assistive Technology.	
(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	Not Applicable
link to a plug-in or applet that complies with 1194.21(a) through (l).	
(n) When electronic forms are designed	
to be completed on-line, the form shall allow people using Assistive	Not Applicable
Technology to access the information, field elements, and functionality	
required for completion and submission	
of the form, including all directions and	
cues.	
(o) A method shall be provided that	
permits users to skip repetitive	Not Applicable
navigation links.	
(p) When a timed response is required,	
the user shall be alerted and given sufficient time to indicate more time is	Not Applicable
required.	

Section 1194.23 Telecommunications Products - Detail
Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	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 whic h 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 sha also be available for users of TTYs and for users who cannot see displays.	Not Applicable	

(f) For transmitted voice signals,   Not Applicable

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.

(g) If the telecommunications p   roduct
                                                            Not Applicable
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.

(h) Where a telecommunications

product   delivers   output   by   an   audio   Not Applicable
transducer   which   is   normally   held   up
to the ear, a means for effective

magnetic   wireless   coupling   to   hearing
technologies shall be provided.

(i) Interference to hearing

technologies   (including   hearing   aids,   Not Applicable
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.

(j) Products that transmit or conduct

                                                            Not Applicable
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.

(k)(1) Products which have

mechanically   operated   controls   or
keys   shall   comply   with   the   following: Not Applicable
Controls and Keys shall be tactilely

discernible   without   activating   the
controls or keys.

(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

Not Applicable

tight grasping, pinching, twisting of the wrist. The force required to

activate controls and keys shall be 5 lbs. (22.2N) maximum.

(k)(3) Products which have

mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay

Not Applicable

before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per

character.

(k)(4) Products which have

mechanically operated controls or keys shall comply with the following: The status of all locking or toggle

Not Applicable

controls or keys shall be visually discernible, and discernible either through touch or sound.

Section 1194.24 Video and Multi-media Products - Detail
Voluntary   Product Accessibility Template

Criteria	Level of Support & Supporting Features	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 closec 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 stanc-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 closec 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   Not Applicable
which support the agency's mission,
regardless of format, that contain

visual information necessary for the
comprehension of the content, shall be
audio described.

(e) Display or presentation of alternate

text presentation or audio descriptions   Not Applicable

shall be user-selectable unless
permanent.

Section 1194.25 Self-Contained, Closed Products - Detail
Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	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 anytime.	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

Not Applicable

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.

(g) Color coding shall not be used as

the only means of conveying
information, indicating an action,
prompting a response, or

Not Applicable

distinguishing a visual element.

(h) When a product permits a user to

adjust color and contrast settings, a
range of color selections capable of
producing a variety of contrast levels
shall be provided.

Not Applicable

(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

Not Applicable

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.

(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:

Not Applicable

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.

(j)(3) Products which are

Not Applicable

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.

(j)(4) Products which are

Not Applicable

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.

Section 1194.26 Desktop and Portable Computers

Criteria	Level of Support & Supporting Features	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	

Section 1194.31 Functional Performance Criteria - Detail
Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	Remarks and explanations
(a) At least one mod e 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 when combined with Compatible AT	
(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 when combined with Compatible AT	
(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	
(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.	Not Applicable	
(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.

Supports

Section 1194.41 Information, Documentation and Support - Detail   Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Supports when combined with Compatible AT	
(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 when combined with Compatible AT	
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports when combined with Compatible AT	

for Assistive Technology used by people who are visually impaired shall be provided.		
(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**	Product does not require auditory cues to perform any operation
(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**	Product does not require auditory cues to perform any operation
(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**	Product does not require user speech to perform any operation
(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**	Product supports input for all devices and methods allowing use for those with limited reach and strength

Section 1194.41 Information, Documentation and Support – Detail

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Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Supports	All documentation can be provided in any format necessary at no additional charge
(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	All documentation can be provided in any format necessary at no additional charge
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Support services are available for all users regardless of disability

Section 1194.26 Desktop and Portable Computers – Detail

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Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Supports	All areas are compliant
(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	Product does not utilize touch screen or touch operated controls
(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	Product does not utilize biometric controls
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Not Applicable	Product does not utilize expansion slots, ports or connectors

Section 1194.31 Functional Performance Criteria – Detail

VPAT™
Voluntary Product Accessibility Template®

Criteria	Supporting Features	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.	Supports	Product is compliant for use with all screen readers and other assistive technology to assist for those with visual impairments
(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	Supports	Product is compliant for use with any zooming/visual accessibility needs to assist those with visual impairments

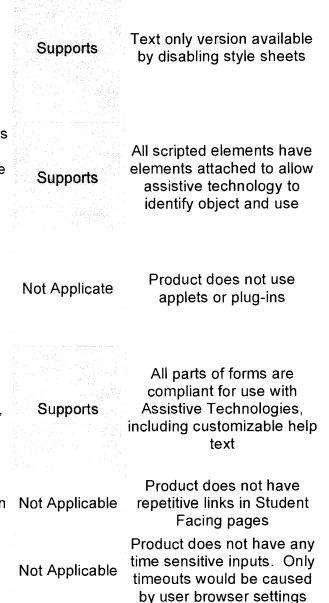|		
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Supports	Text only version available by disabling style sheets
(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.	Supports	All scripted elements have elements attached to allow assistive technology to identify object and use
(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 Applicate	Product does not use applets or plug-ins
(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.	Supports	All parts of forms are compliant for use with Assistive Technologies, including customizable help text
(o) A method shall be provided that permits users to skip repetitive navigation links.	Not Applicable	Product does not have repetitive links in Student Facing pages
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	Product does not have any time sensitive inputs. Only timeouts would be caused by user browser settings

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

Section 1194.22 Web-based Internet information and applications –

Detail

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Criteria	Supporting Features	Remarks and explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports	Text equivalents are available for all non-text elements
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	Product does not use multi-media
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	Color is not used to convey information in the product
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	All items are available and usable with style sheets disabled
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	Product does not contain redundant links
(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	Product does not use image maps
(g) Row and column headers shall be identified for data tables.	Supports	All tables added contain header information
(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	Product only allows for one level of tables
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	Each frame has identifying title
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Product does not cause screen flicker

(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.	**Supports**	Icons and images that are used multiple times keep same meaning throughout the application
(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.	**Supports**	Help text is available to be added to all items to give further information on use of fields. Text is also read by screen readers
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	**Supports**	Color and contrast are not overridden when using accessibility features
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	**Supports**	Animations are not used in Student facing pages
(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.	Not Applicable	Color coding is not used to convey information
(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.	Not Applicable	Application does not allow for modification of contrast and color. Accessibility products can be used for this and work as expected
(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.	Not Applicable	Product does not use blinking or flashing elements
(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.	**Supports**	All form items are available by using Assistive Technology, including fully customizable help text to better convey meaning of fields

Section 1194.21 Software Applications and Operating Systems – Detail

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Criteria	Supporting Features	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.	Supports	All functions are able to be performed by keyboard
(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.	Supports	All features are available while accessibility features are active and do not disrupt them
(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.	Supports	On-screen indicator had required contrast to allow for indication of current focus at all times
(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.	Supports	Help text is available to be added to all items to give further information on use of fields. Text is also read by screen readers

Summary Table

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Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Supports	
Section 1194.22 Web-based Internet Information and Applications	Supports	
Section 1194.23 Telecommunications Products	Not Applicable	
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	Supports	
Section 1194.31 Functional Performance Criteria	Supports	
Section 1194.41 Information, Documentation and Support	Supports	

VPAT™

Voluntary Product Accessibility Template®

Version 1.3

The purpose of the **Voluntary Product Accessibility Template**, or **VPAT**™, is to assist Federal contracting officials and other buyers in making preliminary assessments regarding the availability of commercial "Electronic and Information Technology" products and services with features that support accessibility. It is assumed and recommended that offerers will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the Section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, e.g., "equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

Date: 1/7/2015
Name of Product: Radius – *Student Facing*
Contact for more Information (name/phone/email): Joe Karschnik, joe.karschnik@hobsons.com

Section 1194.41 Information, Documentation and Support – Detail

VPAT™

Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Supports	All documentation can be provided in any format necessary at no additional charge
(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	All documentation can be provided in any format necessary at no additional charge
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Support services are available for all users regardless of disability

Assistive Technology used by people who are deaf or hard of hearing shall be provided		
(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**	Product does not require auditory cues to perform any operation
(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**	Product does not require user speech to perform any operation
(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**	Product supports input for all devices and methods allowing use for those with limited reach and strength

Section 1194.31 Functional Performance Criteria – Detail

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Criteria	Supporting Features	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.	Supports	Product is compliant for use with all screen readers and other assistive technology to assist for those with visual impairments
(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	Product is compliant for use with any zooming/visual accessibility needs to assist those with visual impairments
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for	Supports	Product does not require auditory cues to perform any operation

Section 1194.26 Desktop and Portable Computers – Detail

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Criteria	Supporting Features	Remarks and explanations
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Supports	All areas are compliant
(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	Product does not utilize touch screen or touch operated controls
(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	Product does not utilize biometric controls
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Not Applicable	Product does not utilize expansion slots, ports or connectors

the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.		
(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	Product does not contain video or multi-media
(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	Product does not contain video or multi-media

settings, a range of color selections capable of 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	Product does not contain video or multi-media

(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	Product does not contain video or multi-media

(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

	Not Applicable	Product does not contain video or multi-media

biological characteristics, shall also be provided.		
(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 anytime.	Not Applicable	Product does not contain video or multi-media
(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	Product does not contain video or multi-media
(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	Product does not contain video or multi-media
(h) When a product permits a user to adjust color and contrast		

Section 1194.25 Self-Contained, Closed Products – Detail

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Criteria	Supporting Features	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	Product does not contain video or multi-media
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	Product does not contain video or multi-media
(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	Product does not contain video or multi-media
(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	Not Applicable	Product does not contain video or multi-media

decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.		
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Not Applicable	Product does not contain video or multi-media
(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	Product does not contain video or multi-media
(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	Product does not contain video or multi-media
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Not Applicable	Product does not contain video or multi-media

Section 1194.24 Video and Multi-media

Products – Detail

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Criteria	Supporting Features	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	Not Applicable	Product does not contain video or multi-media

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.

(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	Product does not perform Telecommunications Actions
(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	Product does not perform Telecommunications Actions
(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	Product does not perform Telecommunications Actions
(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	Product does not perform Telecommunications Actions

time for the user to indicate more time is required.

(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	Product does not perform Telecommunications Actions
(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	Product does not perform Telecommunications Actions
(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	Product does not perform Telecommunications Actions
(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	Product does not perform Telecommunications Actions
(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	Product does not perform Telecommunications Actions
(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other	Not Applicable	Product does not perform Telecommunications Actions

Section 1194.23 Telecommunications
Products – Detail
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Criteria	Supporting Features	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	Product does not perform Telecommunications Actions
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not Applicable	Product does not perform Telecommunications Actions
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not Applicable	Product does not perform Telecommunications Actions
(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	Not Applicable	Product does not perform Telecommunications Actions

(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.	Supports	All parts of forms are compliant for use with Assistive Technologies, including customizable help text
(o) A method shall be provided that permits users to skip repetitive navigation links.	▉	Method to skip repetitive navigation links does not exist
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	Product does not have any time sensitive inputs. Only timeouts would be caused by user browser settings

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

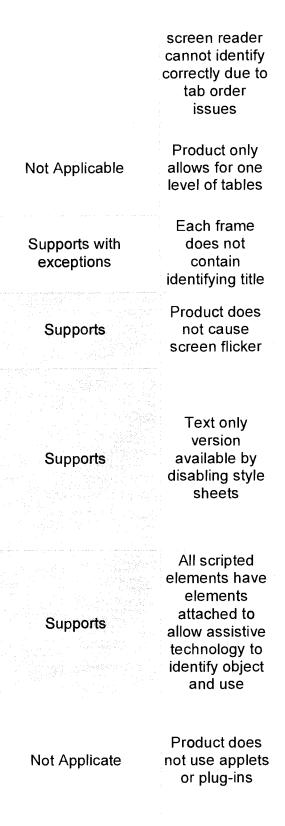|		
		screen reader cannot identify correctly due to tab order issues
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Not Applicable	Product only allows for one level of tables
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports with exceptions	Each frame does not contain identifying title
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Product does not cause screen flicker
(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.	Supports	Text only version available by disabling style sheets
(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.	Supports	All scripted elements have elements attached to allow assistive technology to identify object and use
(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 Applicate	Product does not use applets or plug-ins

Section 1194.22 Web-based Internet information and applications – Detail

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Criteria	Supporting Features	Remarks and explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports	Text equivalents are available for all non-text elements
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	Product does not use multi-media
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	Color is not used to convey information in the product
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	All items are available and usable with style sheets disabled
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	Product does not contain redundant links
(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	Product does not use image maps
(g) Row and column headers shall be identified for data tables.	Supports with exceptions	Data is provided in tables but

(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.	Not Applicable	Color coding is not used to convey information
(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.	Not Applicable	Application does not allow for modification of contrast and color. Accessibility products can be used for this and work as expected
(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.	Not Applicable	Product does not use blinking or flashing elements
(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.	Supports	All form items are available by using Assistive Technology, including fully customizable help text to better convey meaning of fields

Technology can track focus and focus changes.		
(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.	Supports	Help text is available to be added to all items to give further information on use of fields. Text is also read by screen readers
(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.	Supports	Icons and images that are used multiple times keep same meaning throughout the application
(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.	Supports	Help text is available to be added to all items to give further information on use of fields. Text is also read by screen readers
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	Color and contrast are not overridden when using accessibility features
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supports with exceptions	Animations are only available on charts when using mouse, however no critical data is presented in these animations

Section 1194.21 Software Applications and Operating Systems – Detail

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Criteria	Supporting Features	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.	Supports with exceptions	Most functions can be done via keyboard, however some views use visual charts that are not accessible by keyboard at this time
(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.	Supports	All features are available while accessibility features are active and do not disrupt them
(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	Supports with exceptions	On-screen cursor exists, but does not have correct contrast ratio to satisfy needs

Summary Table

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Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Supports with exceptions	Charts do not have a non-visual equivalent. Cursor does not provide required contrast.
Section 1194.22 Web-based Internet Information and Applications	Supports with exceptions	Headings not read correctly due to tab order. Frames do not universally have defining titles. Method to skip repetitive links does not exist
Section 1194.23 Telecommunications Products	Not Applicable	
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	Supports	
Section 1194.31 Functional Performance Criteria	Supports	
Section 1194.41 Information, Documentation and Support	Supports	

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Voluntary Product Accessibility Template®

Version 1.3

The purpose of the **Voluntary Product Accessibility Template**, or **VPAT™**, is to assist Federal contracting officials and other buyers in making preliminary assessments regarding the availability of commercial "Electronic and Information Technology" products and services with features that support accessibility. It is assumed and recommended that offerers will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the Section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, e.g., "equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

Date: 1/7/2015
Name of Product: Radius – *Institution Facing*
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