STAT Silk

Section 508 Compliance (VPAT)

DATE: 22 DECEMBER 2013

NAME OF PRODUCTS: STATPLANET AND STATPLANET PLUS

PRODUCT VERSION NUMBER: 3.2

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Section 1194.21 Software Applications and Operating Systems

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 with exceptions	The core functionality is keyboard accessible: - Left / right arrow buttons to move to the next / previous category - Up / down arrow buttons to move the next / previous indicator - The first one or two letters of a map area can be pressed to jump to that map area
(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	Supports	StatPlanet does not interfere with or deactivate the accessibility features of the operating system.

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.		
(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 with exceptions	The current focus is clearly highlighted. Mouse-over explanatory popups appear for all interactive interface elements.
(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 with exceptions	Mouse-over explanatory popups (which are customizable) are available for all interactive interface elements.
(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.	All images are used consistently in StatPlanet.
(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	Textual information is available to assistive technology in StatPlanet.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	Colors and layout can be extensively customized by the user, and the application does not override any existing settings.
(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	Animation can be played frame by frame, paused, and slowed down to the desired speed.
(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.	Supports	Color coding is only used purposefully for visualizing data, but color-neutral graphs, charts and tables provide alternative views.
(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.	Supports	Color-selection is only (or mainly) relevant for the maps. The map color selections are from http://colorbrewer2.org/

		which includes colorblind safe schemes. There are also options for the user to choose other color schemes and contrast levels.
(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	StatPlanet has no flashing or blinking text, objects or other elements. Map animations do show color transitions; the default speed is 1.25 Hz (every 0.8 seconds) and it can be further slowed down by the user.
(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.	Not applicable	StatPlanet does not have electronic forms.

Section 1194.22 Web-based Intranet and Internet information and Applications

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).	Supports	Text alternatives are available for all interactive elements and core features, and is available to assistive technology.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not applicable	StatPlanet does not include any multimedia presentations.
(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	Web pages are external to the application.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Not applicable	StatPlanet does not include documents. External html files can be loaded into the application, and they are readable without requiring an associated style sheet.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	StatPlanet does not use image maps.
(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	StatPlanet does not use image maps.

(g) Row and column headers shall be identified for data tables.	Not supported	
(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	StatPlanet does not contain data tables that have two or more logical levels of row or column headers.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not applicable	StatPlanet does not have frames.
(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	StatPlanet does not cause screen flicker with a frequency greater than 2 Hz and lower than 55 Hz..
(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	Accessibility provisions in StatPlanet can be provided without requiring a separate text-only version.
(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	StatPlanet functions independently from the web-page it is embedded in.
(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).	Supports	StatPlanet requires only the Flash-Player plug-in which 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 Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Not applicable	StatPlanet does not have electronic forms.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	All functionality in StatPlanet can be activated in a minimum of steps. Only indicator navigation may require two steps or more depending on the category hierarchy. Categories / indicators can also be navigated using the keyboard.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	StatPlanet does not require a timed response as part of its core functionality.

Section 1194.31 Functional Performance Criteria

Criteria	Level of Support & 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	Textual information is available to assistive technology in StatPlanet. StatPlanet runs through Flash Player, which as of version 11 has integrated support for Microsoft Active Accessibility (MSAA), and makes content available via screen access technologies such as Window-Eyes from GW Micro, JAWS from Freedom Scientific, and NVDA from NVAccess.
(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.	StatPlanet supports the use of screen magnifiers.
(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	StatPlanet does not require user hearing.
(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	StatPlanet does not require user hearing.
(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	StatPlanet does not require user speech.
(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	StatPlanet interface elements can be enlarged to increase the size of the target areas. In addition, scalable graphics and magnification allow users to zoom in on rich media

		content without losing quality, making it easier for the visually impaired to see small text or graphics.

Section 1194.41 Information, Documentation and Support

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.	Support documentation can be obtained in various electronic formats through the website, and on request via the Forum or contact form.
(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.	This document is publicly available from the StatSilk website.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports.	Phone and online voice chat support services can be provided to people who are visually impaired. E-mail support and online chat can be provided to people who are blind or hard of hearing.