

Stratocore PPMS – WCAG 2.1 Compliance report

- Level A is complete
- Level AA is almost complete
 - o [Guideline 1.3.5](#) Some form fields are missing autocomplete attribute and value pair - this will be addressed and satisfied in upcoming development
 - o [Guideline 3.3.3](#) needs to be considered in more detail
 - o [Guideline 4.1.3](#) needs to be considered in more detail
- Only a select number of AAA guidelines are followed

WCAG 2.1 guidelines: details & comments

Guidelines	Level		Comments
1.1.1 Non-text Content	A	YES	All HTML controls in PPMS have associated explanation text or a label. There are no applet/object/ASCII art/Flash/Silverlight in PPMS. All images have an "alt" attribute and are not required using any PPMS functionality. No Time-Based Media in PPMS. No test in PPMS. No sensory in PPMS. PPMS does not use CAPTCHAs. PPMS' style sheet images are purely decorative and can be removed/changed without impacting any function. All non-necessary images have alt=null.
1.2 Time-based Media	A	YES	not applicable - PPMS does not include time-based media
1.3.1 Info and Relationships	A	YES	All information available in text or tables with headers
1.3.2 Meaningful Sequence	A	YES	The DOM order matches the visual order so that reading sequences are followed.
1.3.3 Sensory Characteristics	A	YES	not applicable - Sensory characteristics are not used in PPMS
1.3.4 Orientation	AA	YES	Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, specific display orientation is not essential in PPMS.
1.3.5 Identify Input Purpose	AA	NO	Some form fields are missing autocomplete attribute and value pair - this will be addressed and satisfied in upcoming development
1.3.6 Identify Purpose	AAA	YES	In content implemented using markup languages, the purpose of User Interface Components, icons, and regions can be programmatically determined.
1.4.1 Use of Color	A	YES	Color is only used to help, but is not the only means if conveying information in PPMS
1.4.2 Audio Control	A	YES	PPMS does not include any audio content
1.4.3 Contrast (Minimum)	AA	YES	Text color and sizes are part of the customization Stratocore installs for each customer's PPMS system – Our customers usually ask us to copy their existing webpage styles. Stratocore will make sure in all case to have all text with a contrast ration of more than 4.5:1
1.4.4 Resize text	AA	YES	Yes, the PPMS user interface has been designed to support any level of zoom in regular browsers (even higher than 200%)

1.4.5 Images of Text	AA	YES	Images of text are not used in PPMS outside logos that are part of the presentation (that are not used by any functionality)
1.4.6 Contrast (Enhanced)	AAA	OPT	As font styles in PPMS are parts of the style sheet customized for each customer. We would be happy to choose contrast values of 7:1 if requested.
1.4.7 Low or No Background Audio	AAA	YES	PPMS does not include any audio content
1.4.8 Visual Presentation	AAA	OPT	All of 1.4.8 may not be possible in all PPMS pages. However, presentation in PPMS is handled by the style sheet that is customized for each customer and can be used to adjust to such purposes if required.
1.4.9 Images of Text (No Exception)	AAA	OPT	Logotypes are being supplied by customers for their style sheet
1.4.10 Reflow	AA	YES	When the browser zoom is used to scale content in PPSM, it reflows - it is presented in one column so that scrolling in more than one direction is not necessary.
1.4.11 Non-Text Contrast	AA	YES	PPMS is designed so that active user interface components and meaningful graphics are distinguishable by people with moderately low vision.
1.4.12 Text Spacing	AA	YES	No loss of content or functionality occurs when changing text spacing
1.4.13 Content on Hover or Focus	AA	YES	PPMS does not employ hover or focus to trigger additional content
2.1.1 Keyboard	A	YES	PPMS only use default HTML forms that are fully operable with a keyboard, with input labels for radio buttons, checkboxes...
2.1.2 No Keyboard Trap	A	YES	PPMS does not contain any keyboard trap
2.1.3 Keyboard (No Exception)	AAA	YES	
2.1.4 Character Key Shortcuts	A	YES	Character key shortcuts are not forced in PPMS
2.2.1 Timing Adjustable	A	YES	PPMS has no time limits except for the essential security-related timeout in case of inactivity for more than XX hours (this parameter can be set by the customer – default is 3h)
2.2.2 Pause, Stop, Hide	A	YES	There is no moving, blinking, scrolling mechanism in PPMS. All auto-updating can be stopped.
2.2.3 No Timing	AAA	YES	Timing in PPMS is nonexistent or non-essential
2.2.4 Interruptions	AAA	YES	PPMS does not contain any interruption mechanism
2.2.5 Re-authenticating	AAA	NO	The user will be sent back to the part of PPMS he/she was. However some operations like some forms may need to be restarted if the operation was not fully completed before the expiration.
2.2.6 Timeouts	AAA	YES	Users are warned about inactivity resulting in timeouts
2.3.1 Three Flashes or Below Threshold	A	YES	PPMS does not contain any flashing
2.3.2 Three Flashes	AAA	YES	PPMS does not contain any flashing
2.3.3 Animation from Interactions	AAA	YES	PPMS does not contain animated content

2.4.1 Bypass Blocks	A	YES	Except for the main navigation menu (that is not content), PPMS does not contain any block of content that is repeated on multiple web pages. A #top anchor is available to access the top of the main section of each page. Each main content of the page starts with a heading element.
2.4.2 Page Titled	A	YES	PPMS will describe in the title which core facility is being addressed
2.4.3 Focus Order	A	YES	Yes, focus order and reading order are always the same
2.4.4 Link Purpose (In Context)	A	YES	
2.4.5 Multiple Ways	AA	YES	Yes, both the home page and the navigation link provide access to the various pages/functions of the software (or start page of their process)
2.4.6 Headings and Labels	AA	YES	
2.4.7 Focus Visible	AA	YES	
2.4.8 Location	AAA	NO	In the URL, we make sure that the location of the is very readable
2.4.9 Link Purpose (Link Only)	AAA	NO	Context of the text before the link may be important to identify this purpose
2.4.10 Section Headings	AAA	YES	
2.5.1 Pointer Gestures	A	YES	Content can generally be operated without multipoint or path-based gestures.
2.5.2 Pointer Cancellation	A	YES	For functionality that can be operated using a single pointer, the down-event of the pointer is not used to execute any part of the function; completion of the function is on the up-event
2.5.3 Label in Name	A	YES	For all controls with a visible label, the accessible name of the control contains the same letters in the same order as the visible label.
2.5.4 Motion Actuation	A	YES	PPMS does not employ device motion or user motion functionality
2.5.5 Target Size	AAA	YES	The size of the target for pointer inputs is at least 44 by 44 CSS pixels except occasionally when the target is in a sentence or block of text
2.5.6 Concurrent Input Mechanisms	AAA	YES	PPMS allows different modes of input when interacting with web content
3.1.1 Language of Page	A	YES	This is part of the HTML "lang" attribute in the html element of PPMS pages
3.1.2 Language of Parts	AA	YES	PPMS only includes text in English.
3.1.3 Unusual Words	AAA	Maybe	Treated like abbreviation (see below) - unsure if this is acceptable
3.1.4 Abbreviations	AAA	YES	PPMS include descriptions for a number of specific words inside the text, using the "abbr" tag
3.1.5 Reading Level	AAA	NO	Texts in PPMS are kept in simple international English. However PPMS is designed to help scientists and support staff.
3.1.6 Pronunciation	AAA	NO	
3.2.1 On Focus	A	YES	Focus in PPMS does not initiate changes in context
3.2.2 On Input	A	YES	The overall structure remain the same basic context in PPMS (additional field may become available when an input's value changes)

3.2.3 Consistent Navigation	AA	YES	
3.2.4 Consistent Identification	AA	YES	
3.2.5 Change on Request	AAA	YES	Change of context are initiated by user request
3.3.1 Error Identification	A	YES	
3.3.2 Labels or Instructions	A	YES	
3.3.3 Error Suggestion	AA	Maybe	Further analysis are required
3.3.4 Error Prevention (Legal, Financial, Data)	AA	YES	
3.3.5 Help: Context-sensitive help is available	AAA	Maybe	Whenever needed/possible
3.3.6 Error Prevention (All):	AAA	NO	
4.1.1 Parsing	A	YES	All markup validates as well-formatted XHTML1.1 (will be served to customer as HTML4)
4.1.2 Name, Role, Value	A	YES	PPMS uses HTML forms according to the specification
4.1.3 Status Messages	AA	Maybe	Further analysis are required