Evaluation Results from the CMS Accessibility Validation Of:

YubiKey Manager (PC) **1.2.6**

Test Date: **06/27/2024**

Business Owner: Hughes, Rob

Component: CMS/OIT

Total Tests: 14

Pass Marginal Fail Report		
Fails	**Marginals**	**Passes**
7	0	7

Overall Percent
50.0%

The processes tested for

YubiKey Manager (PC)   are rated   **50.0%**   508 Compliant

Test Case	Issue Details	Standard Undermined	Pass/Fail
01	Launch YubiKey Manager: No issues	2.1	Pass
02	Launch Help button: No issues	2.1	Pass
03	Launch About button: **S1:** Text content is not announced by a screen reader. Modal dialog does not receive visual focus.	2.1	Fail
04	Button elements (Generate, change pin, Save interfaces, Next, Yes, No, etc.) activation: No issues	2.1	Pass
05	Applications: OTP: Static Password input & navigation: No issues	2.1	Pass

Test Case	Issue Details	Standard Undermined	Pass/Fail
06	Applications: OTP: Select Credential Type: Navigation of radio buttons: No issues	2.1	Pass
07	Applications: PIV: Configure PIN: Change PIN: No issues	2.1	Pass
08	Interfaces: Navigation of checkboxes: No issues	2.1	Pass
09	Interfaces: a) **S1:**USB & NFC visually present as a heading but is not correctly marked up or identified. B) **S1:**Disable all buttons are not associated to proceeding headers.	2.4.6, 1.3.1	Fail
10	Applications: **S1:** Programmatic label of an existing combo menu is not provided. Upon expanding, no context is announced by a screen reader.	2.4.6, 1.3.1	Fail
11	Applications: OTP: **S1:** Programmatic instructions are incorrect; a screen reader states "to change the selection press up or down arrow" which is not functional.	1.3.1	Fail
12	Applications: PIV: **S1:** Certificates calendar buttons are unlabeled.	4.1.2	Fail

Test Case	Issue Details	Standard Undermined	Pass/Fail
13	Global: a) **S1:**Text content that visually presents as a heading or label is not programmatically determined or correctly marked up. b) **S1:** Programmatic label of any existing combo menus is not provided. Upon expanding, no context is announced by a screen reader. c) **S2:** Color Contrast of light green navigational text buttons is insufficient.	2.4.6, 1.3.1, 1.4.3	Fail
14	Global: a) **S2:**There is no visible indication of focus provided when focus is on any interface component. b) **S1:**Modal dialog boxes text content is not keyboard accessible. c) **S1:**Text content throughout application is not navigable with the keyboard. d) **S1:**Tooltips are not keyboard or screen reader discoverable. e) **S1:**Status messages are not announced by a screen reader.	2.1, 2.4.7, 2.1.1, 4.1.3	Fail

<u>PLEASE NOTE:</u>

1. Section 508 validation results are based on the Web Content Accessibility Guidelines (WCAG) 2.0, as incorporated by reference in the 2017 revised Section 508 standards.
2. You have 1 year from the test date to remediate all items that did not pass. However, you are encouraged to remediate as soon as possible. Remediation will be validated during a follow-up testing session. Please contact us when you are ready to retest remediated items.
3. If your application scored below 75%, it may be prevented from being released/installed/ uploaded in the CMS environment.
4. Based on the Severity (S1, S2, S3) allocation, adhering to agile methodology it is recommended that S1 is remediated 1st, S2 remediated 2nd, and S3 remediated 3rd.

For questions regarding 508 testing and/or this report, please call 410-786-5952, or email 508accessibilityvalidationtesting@cms.hhs.gov.