

Ansys Accessibility Conformance Report

Desktop edition

(Based on VPAT® Version 2.4)

Product name:

Product Version:

Report Date:

RedHawk-SC Security

2021R2

12/10/2021

RedHawk-SC Security is a hardware security verification tool to assess chip security vulnerabilities and design countermeasure effectiveness, enabled by the Ansys Seascapes elastic compute platform.

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Product Description:

Contact Information:

Product tested in a remote computing environment rather than a Linux desktop environment. Screen Readers do not support network computing technology of this type as of this report.

We were also unable to verify using Linux desktop accessibility tools because the software wasn't run directly on the Linux desktop.

Notes:

Evaluation methods used:

Human evaluation and vendor proprietary, Microsoft Accessibility Insights for Windows, Colour Contrast Analyzer

Applicable standards/guidelines:

Standard/Guideline

Web Content Accessibility Guidelines 2.0

Included In Report

Level A (Yes)

Level AA (Yes)

Web Content Accessibility Guidelines 2.1

Level AAA (No)

Level A (Yes)

Level AA (Yes)

Level AAA (No)

Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018

(Yes)

EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V3.1.1 (2019-11)

(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- Supports: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- Partially Supports: Some functionality of the product does not meet the criterion.
- Does Not Support: The majority of product functionality does not meet the criterion.
- Not Applicable: The criterion is not relevant to the product.
- Not Evaluated: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

WCAG 2.X also documents conformance with:

EN 301 549: Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
 Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

WCAG 2.0 and 2.1 Success Criteria Level A and AA

Notes:

[Notes here]

| Criteria | Supports | Partially Supports | Does not support | Notes |
|---|----------|--------------------|------------------|--|
| 1.1.1 Non-text Content | X | | | The app is not web-based |
| 1.2.1 Audio-only and Video-only (Prerecorded) | X | | | The app does not contain audios or videos |
| 1.2.2 Captions (Prerecorded) | X | | | The app does not contain videos |
| 1.2.3 Audio Description or Media Alternative | X | | | The app does not contain audios or videos |
| 1.2.4 Captions (Live) | X | | | The app does not contain audios or videos |
| 1.2.5 Audio Description | X | | | The app does not contain audios or videos |
| 1.3.1 Info and Relationships | X | | | The app is not web-based |
| 1.3.2 Meaningful Sequence | | | X | Assistive technology could not be used to detect focus |
| 1.3.3 Sensory Characteristics | X | | | The app is primarily a text-based interface |
| 1.3.4 Orientation | X | | | The app does not have a mobile interface |

| | | | |
|--|---|---|--|
| 1.3.5 Identify Input Purpose | X | | The app does not collect personal information |
| 1.4.1 Use of Color | X | | Elements identified by color and also by text |
| 1.4.10 Reflow | X | | Content and functionality not lost when zooming to 400% |
| 1.4.11 Non-Text Contrast | | X | Visual presentation required to identify author active controls or control states does not have a contrast ratio greater than or equal to 3:1 against adjacent background colors |
| 1.4.12 Text Spacing | X | | The app is not web-based |
| 1.4.13 Content Hover on Focus | X | | The app is primarily a text-based interface |
| 1.4.2 Audio Control | X | | The app does not have audio |
| 1.4.3 Contrast (Minimum) | | X | Some elements do not have sufficient contrast |
| 1.4.4 Resize text | X | | Text can be resized up to 200% |
| 1.4.5 Images of Text | X | | The app is not web-based |
| 2.1.1 Keyboard | X | | The app has good keyboard support |
| 2.1.2 No Keyboard Trap | X | | Controls and screens can be escaped with ESCAPE or navigation keys |
| 2.1.4 Character Key Shortcuts | X | | The app has single character keyboard support for essential functions |
| 2.2.1 Timing Adjustable | X | | The app does not have a timeout feature |
| 2.2.2 Pause, Stop, Hide | X | | The app does not have carousels |
| 2.3.1 Three Flashes or Below Threshold | X | | The app does not contain flashing content |
| 2.4.1 Bypass Blocks | X | | The app is not web-based |
| 2.4.2 Page Titled | X | | Screens have top line titles that describe their purposes |
| 2.4.3 Focus Order | | X | Assistive technology cannot detect focus |
| 2.4.4 Link Purpose (In Context) | X | | The app is not web-based |
| 2.4.5 Multiple Ways | X | | The app is not web based |

| | | | |
|---|---|---|---|
| 2.4.6 Headings and Labels | | X | Assistive technology could not detect accessibility properties |
| 2.4.7 Focus Visible | X | | Where the keyboard can be used, focus can be visually detected |
| 2.5.1 Pointer Gestures | X | | Functions are performed when the user releases the mouse button |
| 2.5.2 Pointer Cancellation | X | | The user can cancel functions before performing them |
| 2.5.3 Label in a Name | X | | The app is not web-based |
| 2.5.4 Motion Actuation | X | | Site or app does not use motion to perform functions |
| 3.1.1 Language of Page | X | | The app is not web-based |
| 3.1.2 Language of Parts | X | | The app is not web-based |
| 3.2.1 On Focus | X | | Control focus does not cause new screens to appear |
| 3.2.2 On Input | X | | Control input does not cause new screens to appear |
| 3.2.3 Consistent Navigation | X | | The app is not web-based |
| 3.2.4 Consistent Identification | X | | The app is not web-based |
| 3.3.1 Error Identification | X | | Errors are identified and described in text form |
| 3.3.2 Labels or Instructions | | X | Assistive technology could not detect field labels |
| 3.3.3 Error Suggestion | X | | Error suggestion corrections are provided in text form |
| 3.3.4 Error Prevention (Legal, Financial, Data) | X | | The app does not contain legal or financial transactions |
| 4.1.1 Parsing | X | | The tool is purely desktop |
| 4.1.2 Name, Role, Value | | X | Assistive technology could not detect control names, types, states, or values |
| 4.1.3 Status Messages | | X | Assistive technology could not detect status messages |

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