BIO-key International Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version:

PortalGuard, version 6.6.1

Report Date:

May 2023

Product Description:

PortalGuard helps customers with Identity Management solutions such as single sign-on, self-service password reset, two-factor authentication and cybersecurity methods.

Contact Information:

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Notes:

The answers in this report are for PortalGuard's default user interface and feature settings. This report does not apply to any ancillary features from BIO-key or 3rd parties (e. g. PortalGuard Desktop, Announcements or Lanyard Login extensions, Google reCAPTCHA). Customizing the user interface in any way and/or enabling additional features may void the following conformance report.

Also, PortalGuard is a web application and is not considered a "complex product". As such, all answers in the tables below for the "Conformance Level" and "Remarks and Explanations" columns apply to the "Web" category only. To conserve space and improve readability, the "Electronic Docs", "Software" and "Authoring Tool" categories have been removed.

Evaluation Methods Used:

- Testing is based on general product knowledge
- WAVE toolbar from WebAIM.org, https://wave.webaim.org
- Accessibility Checker toolbar from Siteimprove, https://chrome.google.com/webstore/search/Siteimprove%20Accessibility%20Checker

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(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 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 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.

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	No pre-recorded audio or video is used.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	No pre-recorded audio or video is used.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	No pre-recorded audio or video is used.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Partially Supports	The Admin Dashboard Reporting page has the following deficiencies for this criterion: 1) The "Username", "Start Date" and "End Date" fields do not have corresponding labels. 2) The main report results table does not have a

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		caption or any other description of the contents. 3) The drop-down field of available reports is not grouped or sorted. The sorted column of the report results is indicated using a different color header and an "up" or "down" image.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	No audio plays automatically.
2.1.1 Keyboard (Level A) Also applies to:	Supports	

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	NOTE: Randomly generated one-time passcodes (OTP) necessarily have limited lifespans for security purposes. Users can request new OTPs if the current one expires.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool)	Supports	NOTE: PortalGuard does not show "repeated" content so no bypass links are present.

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs) – Does not apply to non-web docs		

2.4.2 Page Titled (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	

2.4.3 Focus Order (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	

2.4.4 Link Purpose (In Context) (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	

3.1.1 Language of Page (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	

3.2.1 On Focus (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	

3.2.2 On Input (Level A)	Supports	

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	The Admin Dashboard Reporting page utilizes calendar/date pickers that have underlying year and month <select> fields with no corresponding labels.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	The Admin Dashboard Reporting page utilizes calendar/date pickers with underlying year and month <select> fields with no corresponding labels or role attributes.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	No live audio or video is used.
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Applicable	No pre-recorded audio is used.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Supports	

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		

2.4.5 Multiple Ways (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software) – Does not apply to non-web software
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs) – Does not apply to non-web docs
	Not Applicable	PortalGuard does not utilize web page listings.

2.4.6 Headings and Labels (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Supports	

2.4.7 Focus Visible (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Supports	

3.1.2 Language of Parts (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Supports	

3.2.3 Consistent Navigation (Level AA)
Also applies to:
Revised Section 508
   • 501 (Web)(Software) – Does not apply to non-web software
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs) – Does not apply to non-web docs
	Supports	

3.2.4 Consistent Identification (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs		
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	PortalGuard requires a user to prove their identity by supplying some form of valid credentials. This is typically done via a username and password. If the user does not know their username or correct password, then PortalGuard necessarily cannot provide information about how to enter these correctly without compromising the security of PortalGuard or the applications it may be protecting. PortalGuard provides alternate authentication methods to username and password such as voice biometrics, hardware tokens like YubiKey or Lanyard Login (a printed badge). However, the initial option requires speech and the latter two options require a specific degree of physical mobility and dexterity.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	

Table 3: Success Criteria, Level AAA

Notes: This report does not claim Level AAA conformance, so the table has been omitted to save space.

Revised Section 508 Report

Notes:

Chapter 3: [Functional Performance Criteria](#) (FPC)

Notes: PortalGuard is a web application only and should not be considered Information and Communication Technology (ICT). As such, the table for Chapter 3: Functional Performance Criteria has been omitted.

Chapter 4: [Hardware](#)

Notes: PortalGuard is a web application only. As such, the table for Chapter 4: Hardware has been omitted.

Chapter 5: [Software](#)

Notes: PortalGuard is a web application that does not have access to platform accessibility services and does not include components that have access to platform accessibility services. As such, the table for Chapter 5: Software has been omitted.

Chapter 6: [Support Documentation and Services](#)

Notes: PortalGuard is a web application only and should not be considered Information and Communication Technology (ICT). As such, the table for Chapter 6: Support Documentation and Services has been omitted.

Legal Disclaimer

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