

CELUS Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product	CELUS
Report Date	June 2025
Product Description	Library e-resources usage management and analysis system
Contact Information	Tomas Novotny, Managing Director, tomas@celus.net
Notes	Version 1
Evaluation methods used	<p>This conformance report is based on the results of an in-house accessibility audit conducted on a representative sample of pages/components, for the purpose of assessing compliance with the Web Content Accessibility Guidelines (WCAG) 2.2.</p> <p>The following applications were used as part of the audit to identify potential accessibility issues:</p> <ul style="list-style-type: none">• Desktop browsers: Firefox, Chrome, IE, and Safari• Assistive technologies: NVDA, VoiceOver• Accessibility testing tools: aViewer, Inspect32, Web Accessibility Toolbar, WCAG Color Contrast Checker, Stylus, browser developer tools

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 Level AA
Web Content Accessibility Guidelines 2.1	Level A Level AA
Web Content Accessibility Guidelines 2.2	Level A Level AA

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.

WCAG 2.x Report

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](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially supports	CELUS currently partially supports this criterion. We are actively engaged in a comprehensive process to ensure all meaningful non-text content (such as images, icons, and graphical elements) across the entire product includes appropriate and descriptive text alternatives (e.g., alt text). This is an ongoing initiative, with significant progress being made to enhance accessibility for screen reader users. We anticipate this process to be fully completed within the next release cycles.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	For the few prerecorded video-only sequences present in CELUS, comprehensive written text is provided directly alongside or immediately preceding/following the video. This text fully describes the visual information and purpose of the videos, fulfilling the requirement for a media alternative.
1.2.2 Captions (Prerecorded) (Level A)	Not applicable	There are no audio recordings in CELUS.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	For the few prerecorded video-only sequences present in CELUS, comprehensive written text is provided directly alongside or immediately preceding/following the video. This text fully describes the visual information and purpose of the videos, fulfilling the requirement for a media alternative.
1.3.1 Info and Relationships (Level A)	Partially supports	CELUS ensures information, structure, and relationships are programmatically determinable for standard content and simple data. However, our complex data visualizations and intricate tables pose a significant accessibility challenge, as the full context and relationships may not be intuitively perceivable for users of assistive technologies. The CELUS team is committed to addressing this by researching and implementing advanced solutions for these highly data-intensive screens.
1.3.2 Meaningful Sequence (Level A)	Partially supports	For standard content and simple data, CELUS ensures a correct programmatic reading sequence, allowing assistive technologies to interpret a coherent flow. However, our complex data visualizations, graphs, and multi-layered tables present a significant challenge; their density can lead to a disjointed sequential path for screen reader users.

Criteria	Conformance Level	Remarks and Explanations
		The CELUS team is actively researching advanced solutions, including optimizing DOM order and providing alternative navigation, to ensure a meaningful sequence is preserved across all data-intensive screens.
1.3.3 Sensory Characteristics (Level A)	Supports	CELUS effectively meets this criterion by consistently employing a dual-description approach for interactive and informational elements. CELUS provides clear, unambiguous instructions like "click the green SUBMIT button " or "select the red 'High Priority' flag ."
1.4.1 Use of Color (Level A)	Supports	CELUS uses color as a visual enhancement, never as the sole means of conveying information. For all elements where color carries meaning, written descriptions, text labels, icons, or patterns are always provided. In graphs, users can access underlying numerical data or detailed textual descriptions, ensuring understanding without reliance on color perception.
1.4.2 Audio Control (Level A)	Supports	CELUS fully conforms by ensuring no audio plays automatically; the interface has no auto-playing audio, and any explanatory videos are strictly user-initiated, eliminating unexpected sounds for all users.
2.1.1 Keyboard (Level A)	Partially supports	For many standard CELUS screens, navigation, forms, and interactive components are fully keyboard operable with logical tab order and visible focus indicators. However, our complex data visualizations and custom interfaces sometimes lack consistent keyboard operability, leading to inaccessible functionality, non-logical tab order, or missing focus indicators for keyboard-only users. The CELUS team is actively auditing and refactoring these areas, implementing robust focus management, developing accessible custom controls, and conducting user testing to achieve comprehensive keyboard accessibility.
2.1.2 No Keyboard Trap (Level A)	Supports	CELUS does not cause any keyboard traps.
2.2.1 Timing Adjustable (Level A)	Supports	CELUS doesn't impose any time limits on its users for interacting with content or sessions.
2.2.2 Pause, Stop, Hide (Level A)	Supports	There is no moving, blinking, scrolling or auto-updating information in CELUS as described by this criterion.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	CELUS does not contain anything that flashes more than three times in any one second period.
2.4.1 Bypass Blocks (Level A)	Supports	CELUS conforms with this criterion as its interface is designed without any repeating blocks of content, thus eliminating the need for a bypass mechanism and ensuring efficient navigation for all users.

Criteria	Conformance Level	Remarks and Explanations
2.4.2 Page Titled (Level A)	Partially supports	For the vast majority of CELUS pages, titles are descriptive and accurate, aiding user orientation and navigation. However, a few pages currently lack unique titles, which can be a minor challenge for users. The CELUS team is committed to addressing these instances in upcoming release cycles to ensure all pages are appropriately titled.
2.4.3 Focus Order (Level A)	Supports	CELUS ensures that if a page can be navigated sequentially, the focusable components receive focus in a logical and meaningful order . This allows users navigating with keyboard or assistive technologies to experience a predictable flow that preserves the content's meaning and operability, facilitating efficient interaction with all elements.
2.4.4 Link Purpose (In Context) (Level A)	Partially supports	While many links within CELUS are clear, the application features a vast number of links, particularly to external journals and resources. We are currently reviewing these extensive link sets to confirm that the purpose of every link is always programmatically discernible. The CELUS team has a plan to systematically go through and ensure full compliance for all links in upcoming development cycles.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	CELUS fully meets this by design, as its interface relies solely on simple pointer interactions, primarily clicking and writing, without requiring any complex gestures , ensuring all functionality is accessible to users who cannot perform multi-pointer or path-based actions.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	CELUS consistently meets this by ensuring that actions are only activated on the 'up-event' (when the pointer is released, such as a mouse button lift or finger lift from a touchscreen). This design allows users to cancel an intended action by moving their pointer off the element before releasing, providing a crucial mechanism for error prevention and control.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Partially supports	Currently, about half of CELUS's interactive components meet this, but we are working to ensure full compliance.
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Supports	CELUS meets this criterion as no interaction depends on device motion ; all functionality is exclusively controlled by mouse and keyboard , providing a fully accessible experience.
3.1.1 Language of Page (Level A)	Supports	CELUS fully meets this requirement as the entire application interface is consistently developed and presented solely in English , ensuring that the primary language of each page is clearly and programmatically declared.

Criteria	Conformance Level	Remarks and Explanations
3.2.1 On Focus (Level A)	Supports	No action is initiated solely upon an element gaining keyboard focus , ensuring predictable navigation and user control.
3.2.2 On Input (Level A)	Supports	This criterion ensures no automatic context changes occur upon input . CELUS adheres strictly: major actions require explicit user interaction , ensuring a predictable experience.
3.2.6 Consistent Help (Level A 2.2 only)	Supports	CELUS achieves this by maintaining the same layout throughout the app , ensuring all navigation components are reliably ordered for predictable user experience.
3.3.1 Error Identification (Level A)	Supports	CELUS fully adheres, as all errors are clearly identified and explained in text , giving users immediate, actionable feedback.
3.3.2 Labels or Instructions (Level A)	Supports	CELUS fully adheres, as all inputs are clearly labelled and explained , effectively guiding users.
3.3.7 Redundant Entry (Level A 2.2 only)	Supports	CELUS fully adheres, requiring no redundant entry of information , which streamlines workflows and reduces user effort.
4.1.1 Parsing (Level A)	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata .
4.1.2 Name, Role, Value (Level A)	Supports	CELUS fully adheres to this, largely due to its implementation using the standard Vuetify library . Vuetify components are built with accessibility features, ensuring that all interactive elements and inputs are correctly labeled and communicate their purpose and status to screen readers and other assistive devices.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	For the few prerecorded video-only sequences present in CELUS, comprehensive written text is provided directly alongside or immediately preceding/following the video. This text fully describes the visual information and purpose of the videos, fulfilling the requirement for a media alternative.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	For the few prerecorded video-only sequences present in CELUS, comprehensive written text is provided directly alongside or

Criteria	Conformance Level	Remarks and Explanations
		immediately preceding/following the video. This text fully describes the visual information and purpose of the videos, fulfilling the requirement for a media alternative.
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	CELUS can be used in any orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Does not support	CELUS currently does not programmatically identify the input purpose for all fields, which may hinder automated form filling and contextual understanding for some users. The CELUS team recognizes the importance of this criterion and plans to address it in future development efforts.
1.4.3 Contrast (Minimum) (Level AA)	Partially supports	While CELUS generally meets the necessary contrast ratios across its interface, a few instances of large text currently fall below the required minimum contrast of 3:1. The CELUS team has identified these specific occurrences and is committed to adjusting their contrast values in upcoming releases to ensure optimal readability for all users.
1.4.4 Resize text (Level AA)	Supports	CELUS is designed with a responsive and flexible layout that allows the entire interface to be zoomed in without limit (or beyond the required 200%), ensuring that all content and functionality remain clearly visible and fully operable, accommodating various magnification needs.
1.4.5 Images of Text (Level AA)	Supports	CELUS fully meets this criterion by not utilizing images of text for conveying information within its interface. All textual content is rendered as actual text, ensuring maximum flexibility, accessibility, and readability for all users.
1.4.10 Reflow (Level AA 2.1 and 2.2)	Supports	CELUS is designed with robust responsive capabilities, ensuring that all content and functionality reflows efficiently and remains fully accessible without loss of information or requiring two-dimensional scrolling, providing a seamless experience for users with varying display and magnification needs.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Partially supports	While some visuals in CELUS may currently lack this sufficient contrast, no visual element is the sole conveyor of information. All content conveyed through visuals, such as graphs, is always accompanied by alternative means, like textual descriptions or viewable table formats, ensuring that all information remains fully accessible and understandable to users. The CELUS team is committed to improving the visual contrast of these elements in future updates.
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Partially supports	While most functionality in CELUS remains intact with increased text spacing, some content blocks and overall responsiveness are not

Criteria	Conformance Level	Remarks and Explanations
		maintained, leading to visual imperfections or content being displayed improperly. The CELUS team is committed to addressing these layout and responsiveness issues to ensure all content and functionality remain fully intact and visually consistent when users apply custom text spacing.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Partially supports	Content appearing on hover is hoverable and persistent in CELUS. However, it cannot be dismissed via keyboard , requiring users to move their pointer away. We're working to implement keyboard dismissal for these elements.
2.4.5 Multiple Ways (Level AA)	Partially supports	This criterion requires that there is more than one way to locate a web page within a set of web pages, unless that page is the result of, or a step in, a specific process. This helps users with different cognitive styles or navigation preferences find content efficiently. In CELUS, all pages are consistently accessible via a prominent, always-visible left-side menu, which serves as one primary navigation method. However, for most pages, additional mechanisms (such as a site map, comprehensive search functionality, or context-specific breadcrumbs beyond the menu) are currently not consistently available. The CELUS team is evaluating strategies to provide these supplementary navigation options to enhance content discoverability for all users.
2.4.6 Headings and Labels (Level AA)	Partially supports	While most CELUS pages feature clear and descriptive headings and labels, a small number currently do not fully meet this standard. The CELUS team is committed to addressing these specific instances in upcoming release cycles to ensure all headings and labels are consistently descriptive across the application.
2.4.7 Focus Visible (Level AA)	Supports	CELUS consistently provides a prominent and programmatically determined focus indicator, allowing keyboard users, including those with low vision, to always perceive which element is currently active, facilitating efficient and confident navigation.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Partially supports	While CELUS strives to maintain a clear focus indicator across its interface, there may be instances, particularly with sticky headers, overlays, or dynamically appearing elements, where the focused component could be partially obscured. The CELUS team is committed to identifying and addressing these specific cases to ensure all focused elements remain fully visible for keyboard users.

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2.5.7 Dragging Movements (Level AA 2.2 only)	Supports	CELUS fully meets this by design, as no actions within the application are operated by dragging .
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Partially supports	Some interactive buttons within the application are currently smaller than this minimum requirement. The CELUS team is committed to identifying and resizing these specific targets to ensure optimal usability for all users.
3.1.2 Language of Parts (Level AA)	Partially supports	While the CELUS interface is English, it integrates vast amounts of multi-language external titles and metadata. Programmatically determining and marking the language for each title isn't feasible due to their volume. However, as this data is always harvested upon user request , users typically know the expected language of the retrieved content, mitigating the impact of screen readers potentially mispronouncing these titles.
3.2.3 Consistent Navigation (Level AA)	Supports	CELUS achieves this by using a unified library of styles, icons, and layouts throughout , guaranteeing consistent presentation and identification.
3.2.4 Consistent Identification (Level AA)	Supports	This criterion ensures components with the same function are identified consistently. CELUS achieves this by using a unified library of styles, icons, and layouts throughout , guaranteeing consistent presentation and identification.
3.3.3 Error Suggestion (Level AA)	Partially supports	This criterion requires suggestions for correcting detected input errors. CELUS provides suggestions for most errors , though not all. We're continuously working to expand this coverage.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not applicable	CELUS is not applicable to this criterion because no functionality within the application involves legal commitments, financial transactions, or the submission of user test data .
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Supports	CELUS uses email passcodes that can be copied and pasted , offering an accessible alternative to memorization for authentication.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Supports	CELUS fully adheres by effectively communicating all updates and status changes , keeping users informed without losing context.