

# ViewSonic Accessibility Conformance Report

EN 301 549 Edition (Based on VPAT® Version 2.5Rev)

## Name of Product/Version:

myViewBoard 3.0 for Flutter

## Report Date:

July 2025

## Product Description:

myViewBoard Flutter version is a digital whiteboard application developed for cross-platform use to facilitate interactive presentations and classroom engagement. Version 3.0 includes features like screen sharing, embedded browser, annotation tools, and integration with external content.

## Contact Information

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## Evaluation Methods Used

This report is based on an evaluation conducted according to EN 301 549, WCAG 2.1, and 2.2 standards using the following tools and techniques:

- Flutter Accessibility Inspector
- VoiceOver testing on macOS simulator
- TalkBack testing on Android devices
- Axe DevTools testing for Web preview build
- Manual walkthrough of core user flows including login, whiteboarding, exporting, and object insertion
- The testing covered full workflows including Canvas interaction, login screen, Magic Box tools, and export/share features

## Applicable Standards/Guidelines

Standard/Guideline	Included in Report
WCAG 2.0 A & AA	Yes
WCAG 2.1 A & AA	Yes
WCAG 2.2 A & AA	Yes
EN 301 549 V3.1.1 & V3.2.1	Yes

## Terms

- **Supports:** The functionality of the product meets the criterion without known defects or with equivalent facilitation
- **Partially Supports:** Some functionality of the product does not meet the criterion
- **Does Not Support:** The majority of the product functionality does not meet the criterion
- **Not Applicable:** The criterion is not relevant to the product
- **Not Evaluated:** Only applicable to WCAG AAA criteria

## Notes

- This report covers only the flutter version.
- The Flutter version implements ARIA semanticsLabel for some elements, though coverage is incomplete in several UI components.

## WCAG 2.2 Report

The following sections are based on WCAG criteria and reflect the data from the internal audit (as provided in "myViewBoard 3.0 - Windows" and "WCAG Progress 620")

### Table 1: Success Criteria, Level A

**Notes:** This table provides the conformance level and explanation for each WCAG 2.1 / 2.2 Level A success criterion.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content	Partially Supports	Many UI elements use semanticsLabel, but some lack meaningful labels.
1.2.1 Audio-only and Video-only (Prerecorded)	Not Applicable	No prerecorded media content included.
1.2.2 Captions (Prerecorded)	Not Applicable	No prerecorded media content included.
1.2.3 Audio Description or Media Alternative	Not Applicable	No prerecorded media content included.
1.3.1 Info and Relationships	Partially Supports	Some controls lack proper semantic labels or grouping.
1.3.2 Meaningful Sequence	Partially Supports	Reading order is inconsistent in some pop-ups.
1.3.3 Sensory Characteristics	Not	No use of sensory-dependent instructions.

	Applicable	
1.4.1 Use of Color	Supports	Color is not the only visual indicator.
1.4.2 Audio Control	Not Applicable	No auto-play audio is present.
2.1.1 Keyboard	Partially Supports	Inconsistent tab order; some overlays lack tab focus.
2.1.2 No Keyboard Trap	Partially Supports	Pop-up dialogs do not close with ESC reliably.
2.1.4 Character Key Shortcuts	Partially Supports	No toggle or disable method for character shortcuts.
2.2.1 Timing Adjustable	Supports	User-controlled flows with no enforced time limits.
2.2.2 Pause, Stop, Hide	Partially Supports	Onboarding animation cannot be paused independently.
2.3.1 Three Flashes or Below Threshold	Not Applicable	No flashing content found.
2.4.1 Bypass Blocks	Partially Supports	No skip link or bypass element implemented.
2.4.2 Page Titled	Not Applicable	Tabs require manual naming; not relevant to native app.
2.4.3 Focus Order	Partially Supports	Focus flow is not logical in some toolboxes.
2.4.4 Link Purpose (In Context)	Partially Supports	Some link buttons lack meaningful context.
2.5.1 Pointer Gestures	Supports	No multi-point gestures required.
2.5.2 Pointer Cancellation	Supports	Drag and touch actions support cancellation.
2.5.3 Label in Name	Partially Supports	Label and semanticsLabel are often mismatched.
2.5.4 Motion Actuation	Not Applicable	No motion detection or input used.
3.1.1 Language of Page	Supports	Locale is automatically derived from OS.
3.2.1 On Focus	Supports	No unexpected context changes.
3.2.2 On Input	Supports	Input does not trigger automatic UI updates.
3.2.6 Consistent Help	Supports	Help options are available consistently.
3.3.1 Error Identification	Partially Supports	Some fields do not announce errors clearly.
3.3.2 Labels or Instructions	Supports	Labels and instructions are provided.
3.3.7 Redundant Entry	Supports	Session data preserves form inputs.
4.1.1 Parsing	Supports	N/A for Flutter apps; standard applies to

		HTML.
4.1.2 Name, Role, Value	Partially Supports	ARIA labeling inconsistently applied.

## Table 2: Success Criteria, Level AA

**Notes:** This table provides the conformance level and explanation for each WCAG 2.1 / 2.2 Level AA success criterion.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live)	Supports	Live caption feature is supported.
1.2.5 Audio Description (Prerecorded)	Not Applicable	No prerecorded media content.
1.3.4 Orientation	Supports	Desktop is fixed; tablets support portrait mode.
1.3.5 Identify Input Purpose	Partially Supports	Username/password fields lack autofill purpose.
1.4.3 Contrast (Minimum)	Partially Supports	Primary colors need adjustment to meet contrast.
1.4.4 Resize Text	Partially Supports	Layout breaks on text resizing.
1.4.5 Images of Text	Supports	Text used over images whenever possible.
1.4.10 Reflow	Not Applicable	Not responsive to screen reflow.
1.4.11 Non-text Contrast	Supports	UI elements meet 3:1 contrast ratio.
1.4.12 Text Spacing	Partially Supports	Tooltips do not meet spacing requirements.
1.4.13 Content on Hover or Focus	Partially Supports	Tooltip sometimes disappears unexpectedly.
2.4.5 Multiple Ways	Supports	Navigation available via menu and icons.
2.4.6 Headings and Labels	Partially Supports	Some elements missing semanticsLabel.
2.4.7 Focus Visible	Partially Supports	Focus indicator missing in some areas.
2.4.11 Focus Not Obscured (Minimum)	Supports	Focus not obscured by overlays.
2.5.7 Dragging Movements	Partially	Some controls rely solely on

	Supports	dragging.
2.5.8 Target Size (Minimum)	Supports	Targets meet minimum size.
3.1.2 Language of Parts	Not Applicable	No multilingual content.
3.2.3 Consistent Navigation	Supports	Layout remains consistent.
3.2.4 Consistent Identification	Supports	Controls are consistently labeled.
3.3.3 Error Suggestion	Supports	Suggestions are offered on invalid input.
3.3.4 Error Prevention (Legal, Financial, Data)	Not Applicable	No such transactions occur.
3.3.8 Accessible Authentication (Minimum)	Supports	SSO and QR login are supported.
4.1.3 Status Messages	Partially Supports	Toast notifications lack screen reader exposure.

**Table 3: Success Criteria, Level AAA**

**Notes:** This table provides the conformance level and explanation for a selection of WCAG 2.1 / 2.2 Level AAA success criteria.

Criteria	Conformance Level	Remarks and Explanations
1.2.6–1.2.8, 1.4.7	Not Applicable	No such media or background audio.
1.2.9 Audio-only (Live)	Supports	Live captions are provided.
1.3.6 Identify Purpose	Partially Supports	Some controls lack clear labels.
1.4.6 Contrast (Enhanced)	Partially Supports	Contrast below 7:1 in some text/button colors.
1.4.8 Visual Presentation	Partially Supports	Layout does not support user style overrides.
1.4.9 Images of Text (No Exception)	Supports	No image-only text used.
2.1.3 Keyboard (No Exception)	Partially Supports	Same issues as 2.1.1.
2.2.3 No Timing	Supports	No timed content.
2.2.4 Interruptions	Supports	Notifications are non-disruptive.
2.2.5 Re-authenticating	Supports	State is preserved on re-login.
2.2.6 Timeouts	Supports	User is warned of inactivity timeouts.
2.3.2 Three Flashes	Supports	No flashing content.
2.3.3 Animation from	Does Not	Onboarding animation lacks pause control.

Interactions	Support	
2.4.8 Location	Supports	Breadcrumb indicators included.
2.4.9 Link Purpose (Link Only)	Supports	Links are descriptive.
2.4.10 Section Headings	Does Not Support	Headings structure inconsistent.
2.4.12 Focus Not Obscured (Enhanced)	Partially Supports	Focus partially hidden in overlays.
2.4.13 Focus Appearance	Partially Supports	Focus indicator contrast/stroke insufficient.
2.5.5 Target Size (Enhanced)	Partially Supports	Small controls < 44px in some views.
2.5.6 Concurrent Input Mechanisms	Supports	Supports touch, keyboard, handwriting input.
3.1.3–3.1.6	Not Applicable	No use of unusual words, abbreviations, or specialized reading levels.
3.2.5 Change on Request	Supports	No extreme context changes on input.
3.3.5 Help	Partially Supports	Email-only help provided.
3.3.6 Error Prevention (All)	Supports	Warnings appear before critical actions.
3.3.9 Accessible Authentication (Enhanced)	Supports	Accessible login via QR and SSO supported.

## EN 301 549 Report

This section reports criteria from Clause 4 (Functional Performance Statements), Clause 11 (Software), and Clause 12 (Support Documentation & Services) of EN 301 549.

- Clause 5: ICT with two-way voice — Not Applicable (Product is not voice-based communication system).
- Clause 6: Real-time text — Not Applicable.
- Clause 7: Video communication — Not Applicable.
- Clause 8: Hardware — Not Applicable (Software-only product).
- Clause 9: Web content — Covered by WCAG 2.1 tables.
- Clause 10: Non-web documents — Not Applicable (Interactive software interface).

### Clause 4: Functional Performance Statements (FPS)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Partially	Some controls lack semantic labeling for

	Supports	screen reader use.
4.2.2 Usage with limited vision	Partially Supports	Text contrast and focus visibility not consistently implemented.
4.2.3 Usage without perception of color	Supports	Information is not conveyed by color alone.
4.2.4 Usage without hearing	Supports	No content depends on hearing.
4.2.5 Usage with limited hearing	Supports	All content is visual or text-based.
4.2.6 Usage without speech	Supports	No speech input required.
4.2.7 Usage with limited manipulation	Partially Supports	Drag-only gestures limit interaction alternatives.
4.2.8 Usage with limited reach and strength	Supports	Compatible with keyboard and assistive pointer devices.
4.2.9 Minimize photosensitive seizure triggers	Supports	No flashing content exceeding WCAG thresholds.
4.2.10 Usage with limited cognitive functions	Partially Supports	Error feedback and instructions are basic; improvement needed.

## Clause 11: Software

Criteria	Conformance Level	Remarks and Explanations
11.1.3.1 Keyboard Operation	Partially Supports	Most controls are keyboard operable; exceptions in tool panels.
11.1.3.2 No Keyboard Trap	Partially Supports	Some modal pop-ups do not restore focus appropriately.
11.1.3.5 Focus Order	Does Not Support	Focus order is not logical in some sections.
11.1.4.1 UI Component Labels	Partially Supports	Several controls are missing programmatic names.
11.2.5.1 Platform Accessibility Services	Supports	Flutter supports accessibility bridges for mobile platforms.
11.2.5.2 Text Cursor Indicator	Supports	Cursor is visible and follows input focus.
11.4.1.2 User Preferences	Partially Supports	Some visual settings not retained across sessions.

## Clause 12: Support Documentation & Services

Criteria	Conformance Level	Remarks and Explanations
12.1.2 Accessibility of	Supports	Provided in accessible PDF

documentation		formats.
12.2.4 Accessibility of support services	Supports	Email support is accessible to screen reader users.

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