hangel

hangel Accessibility Conformance Report

International Edition (Based on VPAT® Version 2.5 INT)

Name of Product/Version	hangel web application at hangel.org (live version of 18 November 2026) hangel for Android 2.0.12 hangel for iOS 2.0.7
Report Date	18 November 2026 (report version 1.0)
Product Description	hangel is a social impact platform run by a non-profit association. Volunteers find and join events and volunteering opportunities, check in with QR codes and receive certificates. Non-governmental organisations (NGOs) publish events and posts and manage volunteers from an administration panel. The platform also includes Oda (video meetings), a library, a grants and funding guide, a marketplace where shopping generates donations to a chosen NGO, and a disaster module with the hangel Disaster Walkie-Talkie. The iOS and Android apps are Capacitor shells that display the same web interface in the system WebView, with native extensions such as push notifications, iOS Live Activities, Android widgets, wallet passes, the camera (QR scanning) and Bluetooth (hangel Disaster Walkie-Talkie). The interface is available in 12 languages.
Contact Information	hangel - Uluslararası Sosyal Fayda Derneği (Social Business Global), Türkiye (Turkey) Email: turkiye@hangel.org Accessibility statement and feedback: https://hangel.org/accessibility
Notes	This report is a self-assessment made by hangel. It is not an independent audit, a certification or an accreditation, and hangel does not claim full conformance with WCAG 2.2. The target is WCAG 2.2 Level AA; applicable Level AAA criteria are reported as goals. Scope: public pages and main user flows of hangel.org (including the association sub-site), signed-in volunteer screens, the NGO administration panel, and the iOS and Android apps. Because the apps render the same web interface, one conformance level is given for web and apps; remarks name native parts where they differ. Content uploaded by organisations and users (images, posters, videos) and embedded third-party services (for example maps, partner brand shop pages, bot protection and external meeting tools) are outside hangel's direct control and are noted where relevant. Criteria for which hangel has no measured evidence are reported as "Partially Supports" with the remark "Not yet independently audited." The term "Not Evaluated" is not used.
Evaluation Methods Used	• Automated testing: axe-core 4.10.3 in headless Chromium (Playwright 1.60) on 24 representative public pages of the live site, run on 12 and 18 November 2026: default theme at 1280 px, 390 px and 320 px; dark theme and the in-app high-contrast setting at 1280 px. Rule sets: WCAG 2.0, 2.1 and 2.2 Level A and AA, WCAG AAA and best practices. Automated tools find only part of the possible issues. • Keyboard-only testing: the first 40 Tab stops on 8 key pages at 1280 px and 390 px, checking visible focus, focus obscured by other content and the skip link as first stop (12 and 18 November 2026). • Screen reader testing: macOS VoiceOver with Safari on the main public flows (sign-in, navigation, language selection, event pages, marketplace, footer) and with the hangel iOS app running on an Apple-silicon Mac (4 November 2026). Issues found were fixed. • Accessibility tree review: Playwright WebKit with an iPhone profile on 17 screens, including signed-in volunteer and NGO-panel screens (6 November 2026): unnamed

	controls, heading order, landmarks, focus containment in dialogs, label in name, target size. • Manual review (31 October 2026): accessibility tree and keyboard-only use of the main flows, 320 px width, increased text spacing and forced colours, including signed-in screens. • Responsive layout scan of signed-in administration panels at 390 px and 360 px (6 November 2026). • Automated regression tests in the code repository: 20 accessibility test files with 218 tests, passing on 18 November 2026 (colour-contrast calculations, main landmarks, screen reader guards, accessibility settings, the Oda accessibility layer and the post-sign-up accessibility question). • Source code review. • Not yet performed: TalkBack on Android; VoiceOver on a physical iPhone; NVDA and JAWS; Switch Control and Switch Access; testing with users with disabilities; an independent third-party audit.

Summary

Number of criteria by conformance level in each table. Heading rows are not counted.

Table	Supports	Partially Supports	Does Not Support	Not Applicable
WCAG 2.2 Report – Table 1: Success Criteria, Level A	19	12	1	0
WCAG 2.2 Report – Table 2: Success Criteria, Level AA	13	10	1	0
WCAG 2.2 Report – Table 3: Success Criteria, Level AAA	5	23	3	0
Revised Section 508 Report – Chapter 3: Functional Performance Criteria (FPC)	3	6	0	0
Revised Section 508 Report – Chapter 4: Hardware	0	0	0	1
Revised Section 508 Report – Chapter 5: Software	1	20	2	3
Revised Section 508 Report – Chapter 6: Support Documentation and Services	2	2	0	1
EN 301 549 Report – Chapter 4: 4.2 Functional Performance Statements (FPS)	4	7	0	0
EN 301 549 Report – Chapter 5: Generic Requirements	3	1	0	7
EN 301 549 Report – Chapter 6: ICT with Two-Way Voice Communication	1	7	1	8
EN 301 549 Report – Chapter 7: ICT with Video Capabilities	0	5	2	2
EN 301 549 Report – Chapters 8 to 10: Hardware, Web and Non-web Documents	0	2	0	3
EN 301 549 Report – Chapter 11: Software	0	19	1	5
EN 301 549 Report – Chapters 12 and 13: Documentation and Support Services; Relay and Emergency Service Access	2	3	0	1
All rows (212)	**53**	**117**	**11**	**31**

Main known gaps

- On the home page, the dimmed “coming soon” app-store badges have text contrast below 4.5:1 (2.3:1 to 4.3:1); in the dark theme, small labels on library item covers also fall below 4.5:1.
- Promotional videos on the press and logo-usage pages have no captions, transcripts or audio description; only the HR introduction film is captioned (Türkiye Turkish and English).
- Oda live captions work only in Chrome and Edge, not in Safari or Firefox; there is no real-time text (RTT).
- PDF certificates and reports exported by the product are untagged (not PDF/UA).
- Event album photos use the file name as alternative text, and most upload forms do not ask for an image description.
- Seven association sub-site pages and the app-support page have no main landmark.
- The iOS app reads Bold Text, Differentiate Without Colour and Button Shapes but does not apply them yet.
- Screen reader testing has been done only with macOS VoiceOver; TalkBack, NVDA, JAWS, Switch Control/Access, VoiceOver on a physical iPhone, testing with users with disabilities and an independent audit are still to be done.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standards and guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) · Level AA (Yes) · Level AAA (Yes, reported in Table 3)
Web Content Accessibility Guidelines 2.1	Level A (Yes) · Level AA (Yes) · Level AAA (Yes, reported in Table 3)
Web Content Accessibility Guidelines 2.2	Level A (Yes) · Level AA (Yes) · Level AAA (Yes, reported in Table 3 as goals)
Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017; Corrections to the ICT Final Rule as published by the U.S. Access Board in the Federal Register on January 22, 2018	Yes
EN 301 549 Accessibility requirements for ICT products and services – V3.2.1 (2021-03)	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 only be used in WCAG Level AAA criteria. Not used in this report.

WCAG 2.2 Report

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.x Conformance Requirements.

Table 1: Success Criteria, Level A

Each criterion also applies to: EN 301 549 Clause 9 (Web), Clause 10 (Non-web documents), Clause 11 (Open functionality software), 11.8.2 (Authoring tool), 12.1.2 (Product documentation) and 12.2.4 (Support documentation); Revised Section 508: 501 (Web and Software), 504.2 (Authoring tool) and 602.3 (Support documentation). Conformance levels apply to the web application and to the iOS and Android apps.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content	Partially Supports	Interface icons have an accessible name or are hidden from assistive technology as decorative; automated scans (12 and 18 November 2026) found no image without a text alternative on the 24 scanned pages. Known gaps: photos in event albums use the file name as alternative text; images and posters uploaded by organisations and users may have no description, and most upload forms do not ask for one.
1.2.1 Audio-only and Video-only (Prerecorded)	Partially Supports	Some prerecorded promotional media on the press and logo-usage pages have no text alternative or transcript. Not yet independently audited.
1.2.2 Captions (Prerecorded)	Partially Supports	The hangel HR introduction film has Türkiye Turkish and English WebVTT captions. Promotional videos on the press and logo-usage pages do not have caption files yet.
1.2.3 Audio Description or Media Alternative (Prerecorded)	Does Not Support	No audio description or full text alternative is provided for prerecorded promotional videos yet.
1.3.1 Info and Relationships	Partially Supports	Pages use landmarks, headings, lists and programmatically associated form labels (the shared label component binds every label to its field). Known gaps: seven pages of the association sub-site and the app-support page have no main landmark; some generated PDF documents are untagged (see EN 301 549 Clause 10).
1.3.2 Meaningful Sequence	Supports	Reading and focus order were checked with keyboard-only use, accessibility-tree review and macOS VoiceOver on the main flows (31 October, 4 and 6 November 2026). The order issues found (brand cards, volunteering cards, event page heading) were fixed.
1.3.3 Sensory Characteristics	Partially Supports	Instructions are written as text, but not all instructional text has been reviewed for reliance on shape, colour, size or location. Not yet independently audited.
1.4.1 Use of Color	Supports	Status is shown with text labels as well as colour. Users can turn on link underlines and colour filters in the accessibility settings.
1.4.2 Audio Control	Supports	No audio starts automatically for more than 3 seconds. A setting to mute automatic sounds is available.
2.1.1 Keyboard	Partially Supports	Keyboard-only testing (12 and 18 November 2026): on 8 key pages at 1280 px and 390 px, all 634 Tab stops tested were reachable with visible focus; the main flows were operated with the keyboard in earlier reviews (31 October and 4 November 2026). Map views have not been tested with the keyboard only.
2.1.2 No Keyboard Trap	Supports	No keyboard trap was found in keyboard-only testing (12 and 18 November 2026) or in VoiceOver testing. Dialogs keep focus inside while open and close with Esc.
2.1.4 Character Key Shortcuts	Supports	Single-key shortcuts exist only in Oda video meetings (M, V, H, S, C, A) and can be turned off in the Oda accessibility panel; a general “limit shortcuts” setting is also available.

Criteria	Conformance Level	Remarks and Explanations
2.2.1 Timing Adjustable	Supports	Sessions do not expire on inactivity. In certificate exams, the “remove time limits” setting triples the time for each question. Live quiz questions during real-time events fall under the real-time exception.
2.2.2 Pause, Stop, Hide	Supports	Auto-advancing carousels and page animations have pause controls. The “reduce motion” setting and the system reduced-motion preference stop non-essential movement.
2.3.1 Three Flashes or Below Threshold	Partially Supports	The interface itself has no flashing content. Videos and images uploaded by organisations and users are not screened for flashes.
2.4.1 Bypass Blocks	Partially Supports	All 24 scanned pages have a main landmark, and in keyboard testing the first Tab stop on every tested page is a skip link to the main content (16 of 16 page and width combinations, 18 November 2026). Known gap: seven association sub-site pages and the app-support page have no main landmark for the skip link to target.
2.4.2 Page Titled	Supports	Every page has a title; screens without their own title take it from the main heading. Automated scans found no page without a title (18 November 2026).
2.4.3 Focus Order	Supports	Focus order was checked with keyboard-only testing at desktop and phone widths and with VoiceOver on the main flows; it follows the visual order. Dialogs move focus into the dialog and back when closed.
2.4.4 Link Purpose (In Context)	Supports	Links on 22 public pages were reviewed for ambiguous text (4 November 2026); link text, alone or with its sentence or list item, describes the destination.
2.5.1 Pointer Gestures	Supports	No function requires multipoint or path-based gestures. Image cropping offers arrow buttons as well as dragging.
2.5.2 Pointer Cancellation	Supports	Controls activate on release. The push-to-talk button of the hangel Disaster Walkie-Talkie records while held and sends on release; it also works with Space or Enter.
2.5.3 Label in Name	Supports	Visible labels and accessible names were compared on 22 public pages (4 November 2026) and on 17 phone screens (6 November 2026); the accessible name contains the visible label.
2.5.4 Motion Actuation	Supports	No function is operated by shaking or tilting the device.
3.1.1 Language of Page	Supports	The page language attribute matches the selected interface language (12 languages). Automated scans found the correct lang attribute on all scanned pages.
3.2.1 On Focus	Supports	No change of context on focus was observed in keyboard-only testing (18 November 2026) or VoiceOver testing (4 November 2026).
3.2.2 On Input	Partially Supports	Form fields do not submit or navigate when their value changes in the forms reviewed. Not all forms, including administration panel filters, have been reviewed. Not yet independently audited.
3.2.6 Consistent Help	Partially Supports	Help, support and feedback links are in the shared menu and footer. It has not been verified on every screen (for example the administration panels) that they appear in the same relative order. Not yet independently audited.
3.3.1 Error Identification	Supports	Forms such as event, post and organisation profile forms name the field in error in text and connect the message to the field.
3.3.2 Labels or Instructions	Supports	Form fields have visible labels that are programmatically associated with the field; automated scans found no unlabelled form field on the scanned pages.
3.3.7 Redundant Entry	Partially Supports	Drafts are saved automatically and profile data is reused. It has not been verified across every multi-step process that information is never requested twice. Not yet independently audited.

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing	Supports	WCAG 2.2 marks this criterion as obsolete and always satisfied. It is reported for WCAG 2.0/2.1 and EN 301 549: pages are generated by React/Next.js, which produces well-formed markup.
4.1.2 Name, Role, Value	Partially Supports	Controls use native HTML elements or WAI-ARIA patterns. Automated scans (18 November 2026) found no button, link or form field without an accessible name on the scanned pages; 78 ARIA attribute values flagged by the tool still need manual review. Screen reader testing has been done with macOS VoiceOver only; TalkBack, NVDA and JAWS have not been tested, and VoiceOver has not been tested on a physical iPhone.

Table 2: Success Criteria, Level AA

Each criterion also applies to: EN 301 549 Clause 9 (Web), Clause 10 (Non-web documents), Clause 11 (Open functionality software), 11.8.2 (Authoring tool), 12.1.2 (Product documentation) and 12.2.4 (Support documentation); Revised Section 508: 501 (Web and Software), 504.2 (Authoring tool) and 602.3 (Support documentation). Conformance levels apply to the web application and to the iOS and Android apps.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live)	Partially Supports	Oda video meetings generate live captions in Chrome and Edge; captions are not available in Safari and Firefox. Online events held on external meeting tools rely on those tools' captions.
1.2.5 Audio Description (Prerecorded)	Does Not Support	Prerecorded promotional videos have no audio description yet.
1.3.4 Orientation	Supports	The web application does not lock the display orientation; the iOS app declares portrait and both landscape orientations, and the Android app does not lock orientation.
1.3.5 Identify Input Purpose	Supports	Fields that collect the user's own personal data (name, email, phone, address, one-time code) use the matching autocomplete values.
1.4.3 Contrast (Minimum)	Partially Supports	Automated scans (18 November 2026, 24 pages at 1280, 390 and 320 px) found one failing component: on the home page, the "coming soon" app-store badges (AppGallery, Galaxy Store) are dimmed and their text reaches only 2.3:1 to 4.3:1. In the dark theme, small labels on library item covers also fail on one library page (16 text nodes). No other text failed 4.5:1; text over images and gradients, which the tool marks for manual review, has not been checked by hand. The "hangel" logotype in the footer is a logotype and outside the scope of this criterion.
1.4.4 Resize Text	Supports	Text can be enlarged to 200% with browser zoom and the in-app text size setting without loss of content (layouts were tested down to 320 px). The iOS app follows Dynamic Type and the Android app follows the system font scale.
1.4.5 Images of Text	Partially Supports	Interface text is HTML text. Some posters and banners uploaded by organisations and brands contain text inside images.
1.4.10 Reflow	Partially Supports	At 390 px and 320 px, none of the 24 scanned public pages scrolls horizontally (18 November 2026). Data tables in the administration panels scroll horizontally inside their container (an allowed exception for data tables); signed-in panels were last scanned at 390 px and 360 px on 6 November 2026.
1.4.11 Non-text Contrast	Partially Supports	Input borders and focus indicators use high-contrast colours. The colours of some charts and graphics have not been checked. Not yet independently audited.
1.4.12 Text Spacing	Supports	Content stays readable with increased line, letter, word and paragraph spacing (main flows tested 31 October 2026). Line, word and paragraph spacing can also be set in the accessibility settings.

Criteria	Conformance Level	Remarks and Explanations
1.4.13 Content on Hover or Focus	Supports	Tooltips and popovers can be dismissed with Esc, stay visible while hovered and do not disappear until the pointer or focus moves away.
2.4.5 Multiple Ways	Supports	Pages can be reached through the main menu, search, the site map page (hangel.org/sitemap) and footer links.
2.4.6 Headings and Labels	Supports	Headings and labels describe their topic or purpose; every scanned page has one main heading.
2.4.7 Focus Visible	Supports	Keyboard-only testing (18 November 2026): all 634 Tab stops on 8 key pages at 1280 px and 390 px showed a visible focus indicator. A setting for a stronger focus indicator is also available.
2.4.11 Focus Not Obscured (Minimum)	Partially Supports	Keyboard-only testing (18 November 2026): 1 of 634 Tab stops was partly covered: at 390 px, the “Apply” button on a volunteering detail page is overlapped by an adjacent element (see 2.5.8). The cookie notice no longer covers focused elements, which was fixed after the 12 November 2026 test.
2.5.7 Dragging Movements	Supports	Drag operations (image cropping and reordering) have button alternatives.
2.5.8 Target Size (Minimum)	Partially Supports	Automated scans (18 November 2026) found one failure: at phone widths, the sticky “Apply” button on volunteering detail pages does not have enough spacing from an adjacent element. No other target failed on the scanned pages.
3.1.2 Language of Parts	Partially Supports	Language names in the language selector are marked with their own language. Passages in another language inside content written by organisations and users are not marked.
3.2.3 Consistent Navigation	Supports	The header, bottom tab bar and footer are shared components and appear in the same relative order across pages; the association sub-site uses its own header and footer, also consistently.
3.2.4 Consistent Identification	Supports	Components with the same function use shared components and the same translated labels from a single translation source.
3.3.3 Error Suggestion	Partially Supports	The main forms (sign-up, sign-in, event and post creation) suggest how to fix an error. Not all administration panel forms have been reviewed. Not yet independently audited.
3.3.4 Error Prevention (Legal, Financial, Data)	Partially Supports	Irreversible actions such as deleting content or cancelling an application ask for confirmation, and a “confirm before sending” setting extends this to more actions. Not every flow has been reviewed. Not yet independently audited.
3.3.8 Accessible Authentication (Minimum)	Supports	Sign-in uses a one-time code sent by email (the code field supports pasting and one-time-code autofill) or Google or Apple sign-in; no cognitive function test is required. Invisible, score-based bot protection can occasionally reject a genuine attempt; the email code route remains available.
4.1.3 Status Messages	Supports	Search results, form errors, notifications, check-in confirmation and Oda status changes (microphone, camera, captions) are announced through live regions; covered by automated screen reader guard tests.

Table 3: Success Criteria, Level AAA

Level AAA criteria are hangel’s goals; no AAA conformance is claimed. WCAG notes that it is not recommended to require Level AAA conformance for entire sites.

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded)	Does Not Support	Prerecorded content has no sign language interpretation.
1.2.7 Extended Audio Description (Prerecorded)	Does Not Support	No extended audio description is provided.

Criteria	Conformance Level	Remarks and Explanations
1.2.8 Media Alternative (Prerecorded)	Does Not Support	No full text alternative is provided for prerecorded videos yet.
1.2.9 Audio-only (Live)	Partially Supports	Live audio in Oda meetings can be followed through live captions in Chrome and Edge; not in Safari and Firefox. Not yet independently audited.
1.3.6 Identify Purpose	Partially Supports	Landmarks and ARIA roles identify regions and controls. Personalisation of icons or symbols is not supported.
1.4.6 Contrast (Enhanced)	Partially Supports	With the default brand colours, 2,689 text nodes on the 24 scanned pages (desktop, 18 November 2026) are below 7:1; apart from the items listed under 1.4.3, they are between 4.5:1 and 7:1. With the in-app high-contrast setting, 482 nodes remain, mostly in sections with fixed colours (library 171, marketplace 83, grants guide 58, Oda 39).
1.4.7 Low or No Background Audio	Partially Supports	Prerecorded videos have not been checked for background sound levels. Not yet independently audited.
1.4.8 Visual Presentation	Partially Supports	Users can choose colour themes, a reading view with limited line length, line and paragraph spacing and text size. Some sections with fixed colours change only in the yellow-on-black theme.
1.4.9 Images of Text (No Exception)	Partially Supports	Interface text is HTML text; some posters and banners uploaded by organisations and brands contain text inside images.
2.1.3 Keyboard (No Exception)	Partially Supports	See 2.1.1. Map views have not been tested with the keyboard only.
2.2.3 No Timing	Partially Supports	Apart from certificate exams (where time can be tripled) and live quizzes in real-time events, there are no time limits.
2.2.4 Interruptions	Partially Supports	Notifications can be turned off by channel and a focus mode reduces interruptions. Not yet independently audited.
2.2.5 Re-authenticating	Supports	Sessions do not expire on their own; when a user signs in again, drafts saved on the device are kept.
2.2.6 Timeouts	Supports	There is no inactivity time limit that causes data loss.
2.3.2 Three Flashes	Partially Supports	The interface itself has no flashing content; videos and images uploaded by users are not screened.
2.3.3 Animation from Interactions	Supports	The “reduce motion” setting and the system reduced-motion preference turn off non-essential animation triggered by interaction.
2.4.8 Location	Partially Supports	The current section is marked in the main navigation and tab bar; breadcrumbs are not used on all pages. Not yet independently audited.
2.4.9 Link Purpose (Link Only)	Partially Supports	Most links make sense on their own; some links rely on their surrounding text. Not yet independently audited.
2.4.10 Section Headings	Partially Supports	Content sections have headings. Automated scans (18 November 2026) found the heading level skipping from h2 to h4 in two places (an organisation profile page and the contact page).
2.4.12 Focus Not Obscured (Enhanced)	Partially Supports	See 2.4.11.
2.4.13 Focus Appearance	Partially Supports	A focus ring is present on every tested Tab stop and can be made stronger with the focus indicator setting. The area and contrast of the focus indicator were not measured in this round.
2.5.5 Target Size (Enhanced)	Partially Supports	By default, 1 to 92 interactive elements per scanned page are smaller than 44 × 44 px (mostly inline links and icon buttons). The “large touch targets” setting enlarges controls to at least 44 px.
2.5.6 Concurrent Input Mechanisms	Supports	Touch, mouse, keyboard and voice input can be used at the same time; the product does not restrict the input method.
3.1.3 Unusual Words	Partially Supports	Plain-language texts are available for the main flows; a glossary for specialised terms is not provided. Not yet independently audited.

Criteria	Conformance Level	Remarks and Explanations
3.1.4 Abbreviations	Partially Supports	Abbreviations are not expanded systematically. Not yet independently audited.
3.1.5 Reading Level	Partially Supports	A plain-language mode covers the main flows (sign-up, sign-in code, accessibility question, NGO selection) and a read-aloud feature is available; other content has not been simplified.
3.1.6 Pronunciation	Partially Supports	No pronunciation aids are provided. Not yet independently audited.
3.2.5 Change on Request	Partially Supports	Changes of context have not been reviewed against this criterion. Not yet independently audited.
3.3.5 Help	Partially Supports	Help, support and feedback pages are available; context-sensitive help is not offered on every form.
3.3.6 Error Prevention (All)	Partially Supports	Settings forms and irreversible actions ask for confirmation; single-button actions are not all covered.
3.3.9 Accessible Authentication (Enhanced)	Supports	See 3.3.8: sign-in requires no cognitive function test and no object or personal content recognition.

Revised Section 508 Report

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	Controls expose name, role and state, live regions announce changes and the interface detects VoiceOver. Testing has been done with macOS VoiceOver only; TalkBack has not been tested and there has been no testing with blind users. See 1.1.1 and 4.1.2.
302.2 With Limited Vision	Partially Supports	Text size, high-contrast, colour theme, reading view and magnification-friendly reflow are available. Some default colour combinations do not meet 4.5:1 (see 1.4.3).
302.3 Without Perception of Color	Supports	Information is not conveyed by colour alone; link underlines and colour filters can be turned on (see 1.4.1).
302.4 Without Hearing	Partially Supports	Sounds have a visual-alert option and Oda offers live captions in Chrome and Edge. Some promotional videos have no captions (see 1.2.2 and 1.2.4).
302.5 With Limited Hearing	Partially Supports	See 302.4. Oda offers noise suppression and a “listen with translation” option.
302.6 Without Speech	Supports	No function requires speech. Oda has written chat; the walkie-talkie and voice features have text alternatives (messages and help requests).
302.7 With Limited Manipulation	Partially Supports	Full keyboard use, large touch targets, ignore-repeated-taps and long-press duration settings are available. Push-to-talk requires holding a button or key. Switch Control and Switch Access have not been tested.
302.8 With Limited Reach and Strength	Supports	Software only; no physical reach or strength is required beyond the user’s own device and its accessibility features.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	Simple view, plain-language mode for the main flows, read aloud, focus mode, step-by-step posting form and automatic drafts are available. No testing with users with cognitive disabilities has been done.

Chapter 4: Hardware

Criteria	Conformance Level	Remarks and Explanations
4 Hardware	Not Applicable	hangel is software; no hardware is provided.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	*Heading cell – no response required*	The iOS and Android apps display the web interface in the system WebView; see the WCAG 2.x tables for the user interface. The rows below cover the apps as software.
502.2.1 User Control of Accessibility Features	**Not Applicable**	Applies to platform software only; hangel is an application.
502.2.2 No Disruption of Accessibility Features	**Partially Supports**	The apps apply the system text size (iOS Dynamic Type, Android font scale) and do not override system accessibility gestures in the tests done (macOS VoiceOver with the iOS app). Not tested with TalkBack, Switch Control or Switch Access.
502.3 Accessibility Services	*Heading cell – no response required*	The WebView exposes the web interface to the platform accessibility API (UIAccessibility on iOS, AccessibilityNodeInfo on Android). Web content conformance is reported under WCAG 4.1.2. Native parts (push notifications, Live Activities, widgets, wallet passes) use system components.
502.3.1 Object Information	**Partially Supports**	Name, role and state come from HTML and ARIA through the WebView; the iOS Live Activity and the Android widget were given concise accessibility labels. Not tested with TalkBack. See 4.1.2.
502.3.2 Modification of Object Information	**Partially Supports**	Through the WebView and standard HTML controls. See 4.1.2. Not yet independently audited.
502.3.3 Row, Column, and Headers	**Partially Supports**	Data tables use HTML table markup with header cells. Not yet independently audited.
502.3.4 Values	**Partially Supports**	Values of inputs, sliders and selections are exposed through HTML and ARIA. See 4.1.2.
502.3.5 Modification of Values	**Partially Supports**	Through standard HTML controls in the WebView. Not yet independently audited.
502.3.6 Label Relationships	**Partially Supports**	Form labels are programmatically associated (see 1.3.1 and 3.3.2). Not yet independently audited.
502.3.7 Hierarchical Relationships	**Partially Supports**	Lists, menus and trees use HTML or ARIA structure. Not yet independently audited.
502.3.8 Text	**Partially Supports**	Text content is exposed through the WebView. Not yet independently audited.
502.3.9 Modification of Text	**Partially Supports**	Text fields are standard HTML inputs. Not yet independently audited.
502.3.10 List of Actions	**Partially Supports**	Actions are exposed through standard controls. Not yet independently audited.
502.3.11 Actions on Objects	**Partially Supports**	Actions can be performed through standard controls and the keyboard. Not yet independently audited.
502.3.12 Focus Cursor	**Partially Supports**	Keyboard focus is visible and tracked by the WebView (see 2.4.7). Not yet independently audited.
502.3.13 Modification of Focus Cursor	**Partially Supports**	Focus can be moved programmatically by assistive technology through the WebView. Not yet independently audited.
502.3.14 Event Notification	**Partially Supports**	Changes are announced through live regions (see 4.1.3). Not yet independently audited.
502.4 Platform Accessibility Features	**Not Applicable**	Applies to platform software only.
503.2 User Preferences	**Partially Supports**	System text size, reduced motion, increased contrast, reduced transparency and forced colours are honoured. The iOS app reads Bold Text, Differentiate Without Colour and Button Shapes, but the interface does not apply them yet.

Criteria	Conformance Level	Remarks and Explanations
503.3 Alternative User Interfaces	Supports	The read-aloud feature uses the platform speech synthesis service (Web Speech API) rather than a proprietary engine.
503.4 User Controls for Captions and Audio Description	*Heading cell – no response required*	
503.4.1 Caption Controls	Partially Supports	Prerecorded videos use the browser's native player, which shows a captions menu next to the volume control when caption tracks exist. Oda has a captions button in the meeting toolbar; captions themselves work only in Chrome and Edge.
503.4.2 Audio Description Controls	Not Applicable	The product provides no program selection and no audio description tracks.
504.2 Content Creation or Editing	Partially Supports	Organisations create events, posts and mini-sites with forms that produce accessible HTML. Image descriptions are not requested for most uploads, and event album photos use the file name as alternative text.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Partially Supports	Preservation of alternative text when presentations (PPTX) are converted for the event stage has not been verified. Not yet independently audited.
504.2.2 PDF Export	Does Not Support	PDF files exported by the product (for example certificates and reports) are not tagged and do not conform to PDF/UA-1. Certificates also have an HTML verification page.
504.3 Prompts	Does Not Support	Authors are not prompted to add accessibility information such as image descriptions or captions.
504.4 Templates	Partially Supports	Mini-site and event templates are built from accessible components; templates are not labelled for accessibility. Not yet independently audited.

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	*Heading cell – no response required*	
602.2 Accessibility and Compatibility Features	Supports	hangel.org/accessibility lists all accessibility settings, the accessibility statement with known issues and this report, in 12 languages.
602.3 Electronic Support Documentation	Partially Supports	Support, help and policy pages are web pages covered by the WCAG 2.x tables above; the same partial conformance applies.
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	All support documentation is electronic.
603.2 Information on Accessibility and Compatibility Features	Supports	Support by email (turkiye@hangel.org) and the feedback form answers questions about accessibility features; the accessibility statement explains how to report barriers.
603.3 Accommodation of Communication Needs	Partially Supports	Support is offered in writing (email and feedback form), and feedback is answered within 10 working days. There is no live help, and sign language or video relay support is not offered.

EN 301 549 Report

Chapter 4: 4.2 Functional Performance Statements (FPS)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Partially Supports	See Section 508 302.1.

Criteria	Conformance Level	Remarks and Explanations
4.2.2 Usage with limited vision	Partially Supports	See Section 508 302.2.
4.2.3 Usage without perception of colour	Supports	See Section 508 302.3.
4.2.4 Usage without hearing	Partially Supports	See Section 508 302.4.
4.2.5 Usage with limited hearing	Partially Supports	See Section 508 302.5.
4.2.6 Usage with no or limited vocal capability	Supports	See Section 508 302.6.
4.2.7 Usage with limited manipulation or strength	Partially Supports	See Section 508 302.7.
4.2.8 Usage with limited reach	Supports	See Section 508 302.8.
4.2.9 Minimize photosensitive seizure triggers	Partially Supports	The interface has no flashing content and honours reduced motion; content uploaded by users is not screened (see 2.3.1).
4.2.10 Usage with limited cognition, language or learning	Partially Supports	See Section 508 302.9.
4.2.11 Privacy	Supports	Accessibility features work without asking about disability. Disability information is not stored on the server; only the resulting setting preferences are saved. Accessibility settings do not expose personal information to others.

Chapter 5: Generic Requirements

Criteria	Conformance Level	Remarks and Explanations
5.1 Closed functionality (5.1.2 to 5.1.6.2)	Not Applicable	The product is not closed to assistive technology; it runs in web browsers and on iOS and Android, which support assistive technologies.
5.2 Activation of accessibility features	Supports	Accessibility settings can be opened from Settings › Accessibility, are offered in a question after sign-up and are applied without sign-in; system preferences are applied automatically.
5.3 Biometrics	Supports	Biometrics are not used for identification or control. An optional face-matching feature helps users find their own photos in event albums; albums can be browsed without it.
5.4 Preservation of accessibility information during conversion	Partially Supports	See Section 508 504.2.1.
5.5.1 Means of operation	Not Applicable	No hardware operable parts.
5.5.2 Operable parts discernibility	Not Applicable	No hardware operable parts.
5.6.1 Tactile or auditory status	Not Applicable	No locking or toggle hardware controls.
5.6.2 Visual status	Not Applicable	No locking or toggle hardware controls.
5.7 Key repeat	Not Applicable	The product provides no keyboard of its own; platform keyboard settings apply. An in-app “ignore repeated taps” setting is also available.
5.8 Double-strike key acceptance	Not Applicable	The product provides no keyboard of its own; platform keyboard settings apply.
5.9 Simultaneous user actions	Supports	No function requires simultaneous actions such as multi-finger gestures (see 2.5.1).

Chapter 6: ICT with Two-Way Voice Communication

Criteria	Conformance Level	Remarks and Explanations
6.1 Audio bandwidth for speech	Partially Supports	Oda video meetings use WebRTC with the Opus codec (wideband or better). Online walkie-talkie messages use Opus at 32 kbit/s. The audio bandwidth of the offline Bluetooth walkie-talkie mode has not been measured.
6.2.1.1 RTT communication	Does Not Support	Oda offers message-based text chat alongside voice, but not character-by-character real-time text (RTT).
6.2.1.2 Concurrent voice and text	Not Applicable	RTT is not provided (see 6.2.1.1). Written chat can be used at the same time as voice in Oda.
6.2.2.1 Visually distinguishable display	Not Applicable	RTT is not provided.
6.2.2.2 Programmatically determinable send and receive direction	Not Applicable	RTT is not provided.
6.2.2.3 Speaker identification	Not Applicable	RTT is not provided.
6.2.2.4 Visual indicator of Audio with RTT	Not Applicable	RTT is not provided.
6.2.3 Interoperability	Not Applicable	RTT is not provided.
6.2.4 RTT responsiveness	Not Applicable	RTT is not provided.
6.3 Caller ID	Partially Supports	In the NGO virtual call centre, the caller's number is shown as text. A second modality has not been verified. Not yet independently audited.
6.4 Alternatives to voice-based services	Partially Supports	The NGO virtual call centre can use voicemail and a configurable call flow for phone callers. The same organisations can be reached by written messages and web forms on hangel, but the call-flow content itself is not offered in text.
6.5.1 General (video communication)	*Heading cell – no response required*	
6.5.2 Resolution	Partially Supports	Oda captures camera video at 960 × 540. On low bandwidth, adaptive streaming may deliver a 320 × 180 layer, below QVGA.
6.5.3 Frame rate	Partially Supports	Oda captures camera video at 24 frames per second; the received frame rate under low bandwidth has not been measured.
6.5.4 Synchronization between audio and video	Partially Supports	Audio and video are synchronised by WebRTC; the 100 ms limit has not been measured. Not yet independently audited.
6.5.5 Visual indicator of audio with video	Supports	Oda shows a visual indicator on the participant who is speaking.
6.5.6 Speaker identification with video (sign language) communication	Partially Supports	A sign language interpreter can be pinned as a large tile on every participant's screen. Signing participants are not automatically identified as the active speaker.
6.6 Alternatives to video-based services	Not Applicable	The product provides no video answering machine, auto attendant or interactive video response.

Chapter 7: ICT with Video Capabilities

Criteria	Conformance Level	Remarks and Explanations
7.1.1 Captioning playback	Partially Supports	Prerecorded videos use the native HTML5 player, which displays available WebVTT caption tracks. Oda live captions work in Chrome and Edge only.

Criteria	Conformance Level	Remarks and Explanations
7.1.2 Captioning synchronization	Partially Supports	WebVTT captions are synchronised by the browser player; Oda live captions appear after speech is recognised. Not yet independently audited.
7.1.3 Preservation of captioning	Partially Supports	Whether captions are kept in Oda meeting recordings has not been verified. Not yet independently audited.
7.1.4 Captions characteristics	Partially Supports	Browser players apply the platform caption style settings where the browser supports them; in Oda, caption size and position can be adjusted only to a limited extent.
7.1.5 Spoken subtitles	Does Not Support	Captions are not offered as spoken output.
7.2.1 Audio description playback	Does Not Support	No mechanism to select and play audio description is provided.
7.2.2 Audio description synchronization	Not Applicable	Audio description is not provided.
7.2.3 Preservation of audio description	Not Applicable	Audio description is not provided.
7.3 User controls for captions and audio description	Partially Supports	See Section 508 503.4.1. There is no audio description control.

Chapters 8 to 10: Hardware, Web and Non-web Documents

Criteria	Conformance Level	Remarks and Explanations
8 Hardware	Not Applicable	hangel is software; no hardware is provided.
9.1–9.4 Web content (WCAG 2.1 Level A and AA)	*Heading cell – no response required*	See the WCAG 2.x section, Tables 1 and 2. EN 301 549 V3.2.1 references WCAG 2.1; the additional WCAG 2.2 criteria are also reported there.
9.6 WCAG conformance requirements	Partially Supports	The web content does not yet fully meet WCAG 2.1 Level AA; see the Partially Supports rows in Tables 1 and 2.
10.1–10.4 Non-web documents	Partially Supports	Documents produced by the product (for example PDF certificates and reports) are not tagged, so headings, reading order and table structure are not exposed. Certificates have an accessible HTML verification page. This report's PDF is tagged.
10.5 Caption positioning	Not Applicable	Non-web documents produced by the product contain no captions.
10.6 Audio description timing	Not Applicable	Non-web documents produced by the product contain no synchronised media.

Chapter 11: Software

Criteria	Conformance Level	Remarks and Explanations
11.0 General	*Heading cell – no response required*	The iOS and Android apps display the web interface in the system WebView.
11.1–11.4 Software: WCAG-equivalent requirements (open functionality)	*Heading cell – no response required*	See the WCAG 2.x section; the same conformance levels apply to the apps.
11.5.1 Closed functionality	Not Applicable	The apps are not closed to assistive technology.
11.5.2.1 Platform accessibility service support for software that provides a user interface	Not Applicable	Applies to platform software only.
11.5.2.2 Platform accessibility service support for assistive technologies	Not Applicable	Applies to platform software only.

Criteria	Conformance Level	Remarks and Explanations
11.5.2.3 Use of accessibility services	Partially Supports	See Section 508 502.3.
11.5.2.4 Assistive technology	Not Applicable	hangel is not assistive technology.
11.5.2.5 Object information	Partially Supports	See Section 508 502.3.1.
11.5.2.6 Row, column, and headers	Partially Supports	See Section 508 502.3.3.
11.5.2.7 Values	Partially Supports	See Section 508 502.3.4.
11.5.2.8 Label relationships	Partially Supports	See Section 508 502.3.6.
11.5.2.9 Parent-child relationships	Partially Supports	See Section 508 502.3.7.
11.5.2.10 Text	Partially Supports	See Section 508 502.3.8.
11.5.2.11 List of available actions	Partially Supports	See Section 508 502.3.10.
11.5.2.12 Execution of available actions	Partially Supports	See Section 508 502.3.11.
11.5.2.13 Tracking of focus and selection attributes	Partially Supports	See Section 508 502.3.12.
11.5.2.14 Modification of focus and selection attributes	Partially Supports	See Section 508 502.3.13.
11.5.2.15 Change notification	Partially Supports	See Section 508 502.3.14.
11.5.2.16 Modifications of states and properties	Partially Supports	See Section 508 502.3.2.
11.5.2.17 Modifications of values and text	Partially Supports	See Section 508 502.3.5 and 502.3.9.
11.6.1 User control of accessibility features	Not Applicable	Applies to platform software only.
11.6.2 No disruption of accessibility features	Partially Supports	See Section 508 502.2.2.
11.7 User preferences	Partially Supports	See Section 508 503.2.
11.8.1 Content technology	*Heading cell – no response required.*	Content created by organisations is published as HTML.
11.8.2 Accessible content creation	Partially Supports	See Section 508 504.2.
11.8.3 Preservation of accessibility information in transformations	Partially Supports	See Section 508 504.2.1.
11.8.4 Repair assistance	Does Not Support	The product does not check authored content for accessibility problems or suggest repairs.
11.8.5 Templates	Partially Supports	See Section 508 504.4.

Chapters 12 and 13: Documentation and Support Services; Relay and Emergency Service Access

Criteria	Conformance Level	Remarks and Explanations
12.1.1 Accessibility and compatibility features	Supports	See Section 508 602.2.
12.1.2 Accessible documentation	Partially Supports	See Section 508 602.3.

Criteria	Conformance Level	Remarks and Explanations
12.2.2 Information on accessibility and compatibility features	Supports	See Section 508 603.2.
12.2.3 Effective communication	Partially Supports	See Section 508 603.3.
12.2.4 Accessible documentation	Partially Supports	See Section 508 602.3.
13 ICT providing relay or emergency service access (13.1.2 to 13.3)	Not Applicable	hangel provides no relay service and no access to emergency services. Its emergency and disaster features are information and peer-to-peer messaging tools that tell users to call 112 first.

Legal Disclaimer (hangel)

This Accessibility Conformance Report is a self-assessment of the product versions named above on the report date. It is not an independent audit, a certification or an accreditation, and it must not be presented as one. The information is provided in good faith, based on the measurements and tests described under “Evaluation Methods Used”. The product changes often; hangel updates this report when it does and welcomes reports of accessibility barriers at turkiye@hangel.org or hangel.org/feedback.

“Voluntary Product Accessibility Template” and “VPAT” are registered service marks of the Information Technology Industry Council (ITI).

HTML version: https://hangel.org/accessibility/vpat · PDF: https://hangel.org/accessibility/hangel-vpat-2.5-int.pdf