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Transfr Accessibility Conformance Report WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product/Version : VR Dashboard

Report Date : June 21st, 2023

Product Description : This application can be used to view data about how Transfr VR products are used in various classrooms and organizations.

Contact information : Independent Accessibility Consultant [Equal Entry LLC](https://www.equalentry.com) (www.equalentry.com)

Contact (contact@equalentry.com)

Notes: Equal Entry LLC, a third party accessibility consultant, worked with Transfr to define a set of User Scenarios (Appendix A) to assess VR Dashboard.

Original audit results were provided on March 14, 2023. Transfr reviewed the detailed issue list, prioritized and fix several items. Exceptions in this document are pending accessibility issues, to be addressed in future product releases. Note, any new issue introduced after March 14, 2023 are not included in this report. This report, generated on June 21st, 2023, supersedes any previous report covering these same scenarios.

Evaluation Methods Used : Manual testing using various browser agents, assistive technologies and inspection tools. Scenarios are in Appendix A. Additional details are in Appendix B.

Applicable Standards/Guidelines : This report covers the degree of conformance for the following accessibility standard/guidelines: [Web Content Accessibility Guidelines 2.1](#) at level A and 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.
- **Not Evaluated** : The product has not been evaluated against the criterion. This can be used only in WCAG Level AAA.

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG Conformance Requirements](#).

Success Criteria

Success Criterion	Conformance Level	Remarks
1.1.1 Non-text Content _____ (Level A)	Partially Supports	<p>Scenario 2:</p> <ul style="list-style-type: none"> • Opens in a new tab icon is not explained to screen readers • Banner hero image on dashboard is unlabelled • Decorative icons are not hidden from screen readers <p>Scenario 4:</p> <ul style="list-style-type: none"> • Classroom image and Checkicon has no alt attribute • Bars in chart has <code>img</code> role but no label
1.2.1 Audio-only and Video-only (Prerecorded) _____ (Level A)	Not Applicable	Does not contain any Audio-Only or Video-Only pre-recorded content
1.2.2 Captions (Prerecorded) _____ (Level A)	Not Applicable	Does not contain Prerecorded content

Success Criterion	Conformance Level	Remarks
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)	Not Applicable	Does not contain Prerecorded content
<u>1.2.4 Captions (Live)</u> (Level AA)	Not Applicable	Does not contain Live Streamed media
<u>1.2.5 Audio Description (Prerecorded)</u> (Level AA)	Not Applicable	Does not contain Prerecorded content
<u>1.3.1 Info and Relationships</u> (Level A)	Partially Supports	<p>Scenario 1: Headings are not used properly on Privacy policy and terms of use</p> <p>Scenario 2:</p> <ul style="list-style-type: none"> • Headings are misused on Dashboard • Information of each bar is not available to screen readers <p>Scenario 3:</p> <ul style="list-style-type: none"> • Organization table is not coded as a table • Organizations is a visual but not programmatic heading • The page has no landmark regions

Success Criterion	Conformance Level	Remarks
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</p>	Partially Supports	<p>Scenario 2:</p> <ul style="list-style-type: none"> • Calendar is only navigable when tabbed into it • icons are not in read order <p>Scenario 3: After sorting, a blank element emerges</p> <p>Scenario 4: Screen reader stays inside Instructor /Trainees dropdown after selecting one</p>
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p>	Partially Supports	<p>Scenario 4: User interface tutorial tour relies on visual information</p>
<p><u>1.3.4 Orientation</u> (Level AA 2.1 only)</p>	Supports	<p>Respects user's choice of landscape or portrait</p>
<p><u>1.3.5 Identify Input Purpose</u> (Level AA 2.1 only)</p>	Supports	<p>Autocomplete is supported via a programmatic link purpose</p>
<p><u>1.4.1 Use of Color</u> (Level A)</p>	Not Applicable	<p>Color is not used to convey meaning</p>
<p><u>1.4.2 Audio Control</u> (Level A)</p>	Not Applicable	<p>Does not contain audio that plays automatically</p>
<p><u>1.4.3 Contrast (Minimum)</u> (Level AA)</p>	Supports	<p>Color contrast of text against its background meets or exceeds guideline minimums.</p>

Success Criterion	Conformance Level	Remarks
<u>1.4.4 Resize text</u> (Level AA)	Supports	Text can be resized up to 200 percent without loss of content or functionality
<u>1.4.5 Images of Text</u> (Level AA)	Not Applicable	No images of text are used to convey information
<u>1.4.10 Reflow</u> (Level AA 2.1 only)	Partially Supports	Scenario 2: Page requires horizontal scrolling
<u>1.4.11 Non-text Contrast</u> (Level AA 2.1 only)	Supports	Good color contrast is used for non-text elements
<u>1.4.12 Text Spacing</u> (Level AA 2.1 only)	Supports	Good text spacing is used
<u>1.4.13 Content on Hover or Focus</u> (Level AA 2.1 only)	Partially Supports	Scenario 2: <ul style="list-style-type: none"> • ESC cannot close the tooltip of i icons • Hover message itself is not hoverable
<u>2.1.1 Keyboard</u> (Level A)	Partially Supports	Scenario 2: Bar chart is not keyboard accessible Scenario 3: Sort buttons are not keyboard accessible Scenario 5: i icons in select role are not keyboard accessible
<u>2.1.2 No Keyboard Trap</u> (Level A)	Supports	No Keyboard traps were found

Success Criterion	Conformance Level	Remarks
<u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 only)	Not Applicable	Custom keyboard shortcuts are not defined
<u>2.2.1 Timing Adjustable</u> (Level A)	Not Applicable	Does not contain timers
<u>2.2.2 Pause, Stop, Hide</u> (Level A)	Not Applicable	Does not contain auto-updating, scrolling or flashing content
<u>2.3.1 Three Flashes or Below Threshold</u> (Level A)	Not Applicable	Does not contain Flashing text or other visuals
<u>2.4.1 Bypass Blocks</u> (Level A)	Not Applicable	Does not contain repeated blocks of content
<u>2.4.2 Page Titled</u> (Level A)	Partially Supports	Scenario 3: Page title should change depending on the URL
<u>2.4.3 Focus Order</u> (Level A)	Partially Supports	Scenario 2: <ul style="list-style-type: none"> • Invisible tab stop between each organization • Focus does not jump to the calendar picker Scenario 4: <ul style="list-style-type: none"> • Instructor/Trainees dropdown is not keyboard accessible. • Added instructors /trainees become invisible tab stops

Success Criterion	Conformance Level	Remarks
<u>2.4.4 Link Purpose (In Context)</u> (Level A)	Supports	Link text was found to be accurate and clear
<u>2.4.5 Multiple Ways</u> (Level AA)	Supports	The user scenario Scenario 2 specifically addressed the need for an alternative method of finding a web page - Search
<u>2.4.6 Headings and Labels</u> (Level AA)	Supports	Heading and labels are descriptive throughout to aid in understanding
<u>2.4.7 Focus Visible</u> (Level AA)	Supports	A visual focus indicator was used throughout to aid in navigation and understanding
<u>2.5.1 Pointer Gestures</u> (Level A 2.1 only)	Not Applicable	Multipoint or path-based gestures are not used
<u>2.5.2 Pointer Cancellation</u> (Level A 2.1 only)	Supports	Operations that use a single pointer execute on the up-events allowing for undo, cancellation
<u>2.5.3 Label in Name</u> (Level A 2.1 only)	Supports	Programmatic names match visual labels
<u>2.5.4 Motion Actuation</u> (Level A 2.1 only)	Not Applicable	Device motion sensors are not used
<u>3.1.1 Language of Page</u> (Level A)	Supports	Language is programmatically expressed for assistive technologies at the product or page level

Success Criterion	Conformance Level	Remarks
<u>3.1.2 Language of Parts</u> (Level AA)	Not Applicable	Does not contain language changes
<u>3.2.1 On Focus</u> (Level A)	Supports	As component receives focus, they do not initiate a change of context
<u>3.2.2 On Input</u> (Level A)	Supports	Controls have clear purpose and behavior
<u>3.2.3 Consistent Navigation</u> (Level AA)	Supports	Navigational mechanisms are visually and functionally consistent
<u>3.2.4 Consistent Identification</u> (Level AA)	Partially Supports	Scenario 1: Multiple links with the same name Click Here Scenario 2: Super admin button is creating a stutter effect.
<u>3.3.1 Error Identification</u> (Level A)	Partially Supports	Scenario 5: Email error message is not announced

Success Criterion	Conformance Level	Remarks
<p><u>3.3.2 Labels or Instructions</u> (Level A)</p>	Partially Supports	<p>Scenario 2:</p> <ul style="list-style-type: none"> • Button for the explanation of Dashboard is unlabelled • The chart is unlabelled • LHS pane close button is unlabelled <p>Scenario 4:</p> <ul style="list-style-type: none"> • ? icon and Create icon are unlabelled • Edit , info , and close logo buttons are unlabelled • Close button for Create a classroom is unlabelled • Close button for Delete Classroom is unlabelled • Checkboxes are unlabelled <p>Scenario 5:</p> <ul style="list-style-type: none"> • Create a User icon is unlabelled • Visibility toggle is not announced properly
<p><u>3.3.3 Error Suggestion</u> (Level AA)</p>	Supports	Users are provided suggestions for correcting errors
<p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)</p>	Not Applicable	Does not contain legal commitments, financial transactions or user controllable data changes within a data storage system

Success Criterion	Conformance Level	Remarks
<p>4.1.1 Parsing (Level A)</p>	<p>Partially Supports</p>	<p>Scenario 1:</p> <ul style="list-style-type: none"> • Transfr logo link is not coded properly • autocomplete attribute is not used correctly <p>Scenario 4: Duplicated use of same ids</p>
<p>4.1.2 Name, Role, Value (Level A)</p>	<p>Partially Supports</p>	<p>Scenario 2:</p> <ul style="list-style-type: none"> • Dropdown does not provide role and state • Screen reader remains silent after opening the calendar picker • Chart is updated but not announced by screen reader <p>Scenario 3:</p> <ul style="list-style-type: none"> • Sort buttons are not screen reader accessible • No announcement after sorting <p>Scenario 4:</p> <ul style="list-style-type: none"> • No announcement after opening a Create a Classroom window • The appearance of search suggestions are not announced by screen readers • No announcement after opening Delete Classroom dialogue

Success Criterion	Conformance Level	Remarks
<p>4.1.3 Status Messages (Level AA 2.1 only)</p>	<p>Partially Supports</p>	<p>Scenario 4:</p> <ul style="list-style-type: none"> • No announcement of Classroom created confirmation notification • No announcement of Delete Classroom error notification <p>Scenario 5:</p> <ul style="list-style-type: none"> • Account creation success notification is not announced • Password reset complete notification is not announced

Appendix A:

Equal Entry LLC worked with Transfr to define the following User Scenarios to assess VR Dashboard.

The following Criteria were **Not Applicable** based on a review with Transfr that confirmed that current scenarios do not contain this functionality.

- 1.2.1 Audio-only and Video-only (Prerecorded)
- 1.2.2 Captions (Prerecorded)
- 1.2.3 Audio Description or Media Alternative (Prerecorded)
- 1.2.4 Captions (Live)
- 1.2.5 Audio Description (Prerecorded)
- 1.4.1 Use of Color
- 1.4.2 Audio Control
- 1.4.5 Images of Text
- 2.1.4 Character Key Shortcuts
- 2.2.1 Timing Adjustable
- 2.2.2 Pause, Stop, Hide
- 2.3.1 Three Flashes or Below Threshold
- 2.4.1 Bypass Blocks
- 2.5.1 Pointer Gestures
- 2.5.4 Motion Actuation
- 3.1.2 Language of Parts
- 3.3.4 Error Prevention (Legal, Financial, Data)

Scenarios

S1: Login

1. Open the [TransfrVR home page](#) .
2. Navigate to and activate **Skip to content** ; find start of main content area.
3. Navigate to each menu element in header ([transfr logo](#), [Solutions](#), [Products](#), [Community](#), [Support](#), [Sign in](#), [Schedule a Demo](#), and their submenus)
4. Navigate to each element in the body ([Learn more](#), [Contact us](#), [our story](#), [Join our team](#), [Learn more about Boys and Girls Clubs student experiences](#), [video](#), [Learn more](#), [Learn more](#), [Learn more](#))
5. Navigate back to the video and play it with captions.
6. Open [Transfr VR login](#) .
7. Navigate to and activate [Privacy Policy](#) .
8. Read **Changes to This Policy** and close **Privacy Policy** .
9. Back on login page [Transfr VR login](#) , navigate to and activate [Terms of Use](#) .
10. Navigate to and read [Terms of Use Effective November 2022 - January 2023](#) . Close **Terms Of Use** .
11. Open the login page [Transfr VR login](#) and navigate to **Email** and set the value to *TransferDemoSuperAdmin@transfrvr.com*
12. Navigate to **Password** and set the value to *WrongPassword*
13. Activate **Sign in** button. Read error message information.
14. Navigate to **Password** and set the value to: *aaaaaaaaa1!*
15. Activate **Sign in** button.

S2: Dashboard

1. Navigate to and activate [Dashboard](#)
2. Navigate to the first date at the bottom of the Dashboard and set the value to **August 1, 2022**
3. Navigate to and select **September 30, 2022** from the calendar picker.
4. Navigate to **Sims completed** and verify the data changes.
5. Navigate to **Sims mastered** and verify the data changes.
6. Navigate to 9/16/22 on the bar graph to get the exact number of sims mastered.
7. Navigate to and activate **Transfer Academy** under ** Classrooms*
8. Navigate to and activate **Demo10** under **Organizations**.
9. Navigate to **Filter by Classroom** and activate **2022-2023 FBISD HVAC/ELECTRICAL 1 A.M COHORT**
10. Navigate to **1 year** and confirm data between August and December 2022 appear in the graph.
11. Navigate to and activate **Export Data (.csv)**
12. Open downloaded **Transfer Academy Insights CSV** and confirm data appears for **2022-2023 FBISD HVAC/ELECTRICAL 1 A.M COHORT**

S3: Organizations

1. Navigate to and activate [Organizations](#)
2. Navigate to and activate **Name**
3. Confirm **NAME** is sorted alphanumerically.
4. Navigate to and activate **SIMS COMPLETED** two times (sort from highest number to lowest number)

5. Confirm **SIMS COMPLETED** is sorted from highest number to lowest number.
6. Navigate to and activate [Demo10](#)
7. Confirm [Transfer Academy dashboard](#) appears
8. Navigate to and activate **ALL ORGANIZATIONS**
9. Confirm you return to [multi-organization homepage](#)

S4: Classrooms

1. Navigate to and activate [Classrooms](#)
2. Navigate to **Filter by Organization** and activate **Demo 6**
3. Navigate to **Search**
4. Set value to **Electrical tech** and activate * *ELECTRICAL TECH 5A FALL 2022* from the drop-down.
5. Navigate to and activate [ELECTRICAL TECH I \(5A\)](#)
6. Navigate to and activate [Classrooms](#)
7. Navigate to and activate [Create a Classroom](#)
8. Navigate to **Select an Organization**
9. Navigate to and activate **Transfer Academy**
10. Navigate to **Select a Product**
11. Navigate to and activate **Training Simulation**
12. Navigate to **Classroom Details** and set the value to **Accessibility Class**
13. Navigate to **Add one or more additional instructor**
14. Navigate to and activate **Tester1,Accessibility**
15. Navigate to **Add one or more existing trainees**
16. Navigate and activate **Two, Test** and **Three,Test**
17. Navigate to **X** next to **Two, Test** and activate
18. Navigate to and activate **Create Classroom**
19. Navigate to and check the box next to **Accessibility Class**
20. Navigate to and activated **Delete**
21. Navigate to and activate **Yes, Delete Classroom**
22. Confirm error message **Accessibility Class cannot be deleted while there are trainees enrolled.**

S5: Users

1. Navigate to and activate [Users](#).
2. Navigate to and activate **Create a User** icon
3. Navigate to **Role** and select **Instructor**.
4. Navigate to **Organization** and select **Transfer Academy**.
5. Navigate to **Classroom** and select **Accessibility Audit Class 1**
6. Navigate to **First Name** and set the value to **Accessibility**.
7. Navigate to **Last Name** and set the value to **Tester2**.
8. Navigate to email and set the value to **a11y+tran2@equalentry.com**
9. Navigate to and activate **Create user**.
10. Open [Gmail](#) and login as A11y@equalentry.com.
11. Open **TRANSFER account setup** email and activate **Create Account**.
12. Navigate to **Password** and set the value to **eight!22**.

13. Navigate to **Confirm Password** and set value to **eight!22**.
14. Navigate to and activate **Reset password**
15. Navigate to and activate **Sign Out**
16. Navigate to and activate **[Forgot Password](#)**
17. Navigate to **Email Address** and set the value to **a11y+tran2@equalentry.com**
18. Navigate to and activate **Send Reset Email**
19. Open **[Gmail](#)** and login as A11y@equalentry.com.
20. Open email with subject line of **TRANSFR Password Reset Request** and activate **Reset Password**.
21. Navigate to **Confirm Password** and set value to **eight!23**.
22. Navigate to **Password** and set value to **eight!23**.
23. Navigate to and activate **Reset password**
24. Confirm **Password reset complete!** message.

Appendix B:

Additional information about the evaluation methods used.

VR Dashboard Technologies

The technologies that this content "relies upon" are:

- HTML5
- CSS
- JavaScript

User Agents and Assistive Technologies

The technology platforms used in the verification:

- macOS 13.2.1/Safari
- macOS 13.2.1/Chrome
- Windows 11 22H2/Chrome
- Windows 11 22H2/Edge
- Windows 11 22H2/Firefox

The assistive technologies used in the verification:

- Keyboard
- **[JAWS](#)**
- **[VoiceOver](#)**
- **[NVDA](#)**
- **[Narrator](#)**
- **[aXe](#)**
- Large Text
- **[Magnifier](#)**
- **[Colour Contrast Analyser](#)**
- **[Web Developer Toolbar by Chris Pederick](#)**

- Code Inspection / Dev Tools
- N/A
- [Accessibility Insights for Web](#)
- [ANDI](#)
- [Text Spacing bookmarklet by Patrick H. Lauke](#)
- [WAVE](#)
- [Adobe Acrobat Accessibility Checker](#)
- [Photosensitive Epilepsy Analysis Tool \(PEAT\)](#)



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