



# Fivecast ONYX Accessibility Report

Version 1.1

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# Table of Contents

<b>1. Introduction.....</b>	<b>3</b>
1.1 Evaluation Method .....	3
<b>2. Accessibility Conformance Report .....</b>	<b>4</b>
2.1 Level A Criteria .....	4
2.2 Leve AA Criteria.....	7

# Table of Tables

Table 1 - WCAG 2.0 Level A Criteria .....	4
Table 2 - WCAG 2.0 Level AA Criteria.....	7

# 1. Introduction

This Accessibility Conformance Report documents conformance for the Fivecast ONYX application against the Web Content Accessibility Guidelines (WCAG) 2.0<sup>1</sup> standard. WCAG 2.0 is included by reference in Section 508 of the US Rehabilitation Act.

## 1.1 Evaluation Method

Conformance to WCAG 2.0 accessibility standards has been evaluated by Fivecast using a combination of automated testing, manual testing, and code inspection. The scope of testing includes all full pages and complete process flows in the Fivecast ONYX web application. Conformance has been assessed against WCAG 2.0 Level AA guidelines<sup>2</sup>.

The following terms are used to describe compliance:

- **Supports:** The product meets the criteria with no known defects.
- **Supports with Exceptions:** Some functionality of the product does not meet the criteria.
- **Supports with Workaround:** Some functionality of the product does not meet the criteria, but it can be met with basic workarounds e.g. third-party browser extensions.
- **Does Not Support:** The majority of functionality does not meet the criteria.

Fivecast ONYX aggregates and presents a large volume of content from open sources e.g. social media, websites, darknet marketplaces. This third-party content does not typically include accessibility controls at the source, and there is no practical method to automatically add accessibility support for the third-party content. Comments are included for each criteria where Fivecast ONYX improves accessibility for third-party content, however third-party content is considered out-of-scope for the purposes of the compliance ratings.

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<sup>1</sup> Web Content Accessibility Guidelines 2.0: <https://www.w3.org/TR/WCAG20/>

<sup>2</sup> WCAG 2.0 Conformance Requirements: <https://www.w3.org/TR/WCAG20/#conformance-reqs>

## 2. Accessibility Conformance Report

**Name of Product:** Fivecast ONYX

**Platform:** Web

**Date of Last Assessment:** Feb 2021

### 2.1 Level A Criteria

**Table 1 - WCAG 2.0 Level A Criteria**

Level A Criteria	Conformance	Comments
<a href="#">1.1.1 Non-Text Content</a>	Supports with Exceptions	<p>The Fivecast ONYX application uses standard HTML and WAI-ARIA techniques to provide text equivalents for non-text elements, including attributes for all visual elements used for navigation.</p> <p>Third-party images aggregated by the platform are made more accessible by adding descriptive labels and annotating with text extracted using Optical Character Recognition (OCR).</p> <p>Some interactive visual elements do not provide accessibility support e.g., interactive network diagrams. Where possible Fivecast ONYX provides an alternative representation of the data in an accessible form e.g., presenting relationships in a network diagram as a table equivalent.</p> <p>Images in supporting documentation do not provide a text alternative, however this content does not form part of the core application functionality and is generally written so that images augment the written documentation.</p> <p>Some purely decorative elements that have no functional purpose do not provide a text alternative.</p>
<a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a>	Supports	<p>The application does not include audio and video elements other than third-party content.</p> <p>Third-party videos aggregated by the platform are made more accessible by adding descriptive labels but are considered out-of-scope for compliance purposes.</p>
<a href="#">1.2.2 Captions (Prerecorded)</a>	Supports	<p>Fivecast ONYX does not include synchronised media content.</p>

<a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a>	Supports	Fivecast ONYX does not include synchronised media content.
<a href="#">1.3.1 Info and Relationships</a>	Supports	The application uses semantically correct page structure and titles so that relationships can be understood independently of presentation.
<a href="#">1.3.2 Meaningful Sequence</a>	Supports	The application generates semantically correct markup so that content is presented in a meaningful sequence.
<a href="#">1.3.3 Sensory Characteristics</a>	Supports with Exceptions	<p>The application presents some information using visual indicators. Where possible these use WAI-ARIA techniques to provide text alternatives.</p> <p>Some components of the application provide complex visualisations where it is not practical to provide text alternatives e.g., using the width of a line to indicate relationship strength on network charts. Where possible the application presents alternative versions of these visualisations e.g., table equivalents with numeric values to indicate relationship strength.</p>
<a href="#">1.4.1 Use of Color</a>	Supports	Fivecast ONYX uses colour to convey information, however it is typically accompanied by an equivalent text representation. Colours used in the interface are designed to be distinguishable by colour impaired users.
<a href="#">1.4.2 Audio Control</a>	Supports	Fivecast ONYX does not play any audio automatically.
<a href="#">2.1.1 Keyboard</a>	Supports	The application supports standard keyboard navigation and input functions such as pressing Tab to move between input fields, pressing Space to make selections and pressing Enter to submit forms.
<a href="#">2.1.2 No Keyboard Trap</a>	Supports	Fivecast ONYX ensures that keyboard users cannot be trapped in a subset of content.
<a href="#">2.2.1 Timing Adjustable</a>	Supports	<p>Fivecast ONYX does not present time-limited content for any core capabilities.</p> <p>Minimal time limited content is used for acknowledging some user actions; however these notifications are additive, and the actions can be verified via other accessible UI components.</p>
<a href="#">2.2.2 Pause, Stop, Hide</a>	Supports	Fivecast ONYX does not display moving, blinking, or automatically scrolling content.

		Fivecast ONYX does perform auto-updating of some content when it is essential to the functioning of the page e.g., progress bars.
<a href="#">2.3.1 Three Flashes or Below Threshold</a>	Supports	The application does not contain any content that flashes.
<a href="#">2.4.1 Bypass Blocks</a>	Supports	Fivecast ONYX uses header elements at the beginning of each section to allow content to be skipped and provides expandable and collapsible sections to bypass blocks of repeated content.
<a href="#">2.4.2 Page Titled</a>	Supports	All pages within the application have descriptive titles that clearly indicate their purpose.
<a href="#">2.4.3 Focus Order</a>	Supports	The application uses a logical tab order through all links and form controls.
<a href="#">2.4.4 Link Purpose (In Context)</a>	Supports	The application uses descriptive text or WAI-AIRA techniques to identify the purpose of all links.
<a href="#">3.1.1. Language of Page</a>	Supports	<p>Fivecast ONYX uses the language attribute of the HTML element to specify the default language of page content.</p> <p>Fivecast ONYX presents third-party text content unmodified that may be in other languages. This content is considered out of scope for compliance purposes.</p>
<a href="#">3.2.1 On Focus</a>	Supports	Components of the Fivecast ONYX application do not change context when they receive focus.
<a href="#">3.2.2 On Input</a>	Supports	Components of the Fivecast ONYX application generally do not change context on input, but can for specific operations that are essential functionality e.g., opening links to original content in a new browser window. When context will change it is made clear by accompanying text.
<a href="#">3.3.1 Error Identification</a>	Supports	The application provides text descriptions for all input validation errors.
<a href="#">3.3.2 Labels or Instructions</a>	Supports	The application provides text instructions to describe form input and positions labels to maximise predictability of label and field relationships.
<a href="#">4.1.1 Parsing</a>	Supports	The application uses semantically correct markup and generates it programmatically to prevent parsing errors.
<a href="#">4.1.2 Name, Role, Value</a>	Supports	Fivecast ONYX does not provide the ability to programmatically define HTML components.

## 2.2 Leve AA Criteria

Table 2 - WCAG 2.0 Level AA Criteria

Leve AA Criteria	Conformance	Comments
<a href="#">1.2.4 Captions (Live)</a>	Supports	Fivecast ONYX does not include synchronised media content.
<a href="#">1.2.5 Audio Description (Prerecorded)</a>	Supports	Fivecast ONYX does not include synchronised media content.
<a href="#">1.4.3 Contrast (Minimum)</a>	Supports with Workaround	Some elements of the interface do not provide a contrast ratio of at least 4.5:1, however because the application is delivered via web browser a high-contrast browser extension can be used to adjust and/or replace colours.
<a href="#">1.4.4 Resize Text</a>	Supports	This is achieved via native resize functionality built into web browsers. The application adjusts content layout responsively as text is resized to remain usable.
<a href="#">1.4.5 Images of Text</a>	Supports	Fivecast ONYX does not present text as images.  Third-party images aggregated by the platform are made more accessible by adding descriptive labels and annotating with text extracted using Optical Character Recognition (OCR) but are considered out-of-scope for compliance purposes.
<a href="#">2.4.5 Multiple Ways</a>	Supports	Fivecast ONYX provides a navigation menu on all pages to escape the current flow, navigation links within pages and search features to help locate content.
<a href="#">2.4.6 Headings and Labels</a>	Supports	The application uses semantically correct markup and descriptive text for all headings and labels.
<a href="#">2.4.7 Focus Visible</a>	Supports	Standard visual changes to web elements are used to indicate focus e.g., highlights for currently focussed form fields.
<a href="#">3.1.2 Language of Parts</a>	Supports	Fivecast ONYX uses a single language for page content, with the language specified in the language attribute of the HTML element.  Fivecast ONYX presents third-party text content unmodified that may be in other languages. This content is considered out of scope for compliance purposes.
<a href="#">3.2.3 Consistent Navigation</a>	Supports	Fivecast ONYX uses consistent navigation mechanisms across the application.
<a href="#">3.2.4 Consistent Identification</a>	Supports	Functionality is presented consistently across pages, including text alternatives.
<a href="#">3.3.3. Error Suggestion</a>	Supports	The application provides suggestions for correcting errors e.g., providing valid ranges as

		textural validation errors for input fields. WAI-ARIA techniques are applied to assist when available e.g., “aria-required” for required input fields.
<a href="#">3.3.4 Error Prevention (Legal, Financial, Data)</a>	Supports	Fivecast ONYX provides opportunities for users to review input before submitting and correcting data after submissions are complete. Confirmation dialogs are presented to provide an opportunity to confirm or cancel submission for all non-reversible operations.



