

Accessibility Testing Overview

Aspiritech has an established process to ensure superior quality in our approach to WCAG 2.2 and accessibility testing. Testing efforts are led by our designated accessibility testing team whose members have received Trusted Tester certification from the Office of Accessible Systems and Technology under the Department of Homeland Security. The certification indicates a mastery of accessibility testing practices against federal Section 508 guidelines and Aspiritech has been able to apply that same knowledge and expertise to the WCAG 2.2 guidelines to offer the same services to commercial clients.

Our accessibility testers leverage available assistive technologies (screen readers, color contrast analyzers, etc.) to provide comprehensive testing coverage across web-based and mobile applications and websites. Through this process, Aspiritech is able to validate and ensure that:

Applications:

- Provide alternatives for time-based media
- Provide sufficient time to read and use content
- Render and operate in predictable ways
- Are compatible with current assistive technologies
- Provide proper alt text for images
- Have ARIA (Accessible Rich Internet Applications) roles and landmarks assigned to the appropriate web elements
- Are designed to help users avoid and/or correct mistakes
- Allow all functionality to be accessed from a keyboard

Content is:

- Presented in multiple ways
- Not designed in a manner known to cause seizures
- Able to be easily seen and heard by users
- Easily navigable
- Readable and understandable

The targeted level of compliance (A,AA,AAA) per WCAG 2.2 is achieved. If the targeted level is not met, Aspiritech can provide suggestions and guidance to reach the desired level of compliance.





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Aspiritech has provided accessibility testing for numerous clients of which Source America is the largest one. Source America is the designated NPO for the federal Ability One Commission and manages federal contracts that have been allocated to organizations employing individuals with disabilities. Aspiritech is providing accessibility testing for the migration to Microsoft Dynamics 365 and provides end-to-end accessibility testing for web-based and mobile applications employing such assistive technology as the JAWS screen reader, Microsoft Narrator, Android Talkback and Apple Voiceover in addition to testing tools like ANDI.



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