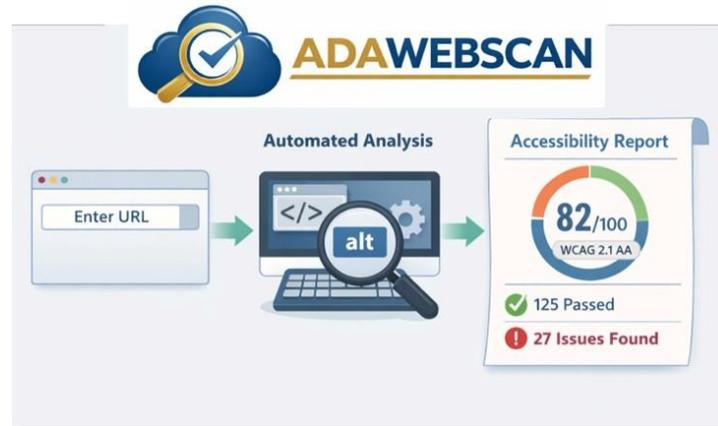


Accelerating ADA Digital Compliance with Automated Scanning WCAG 2.1 AA, Section 508, and ADA Guidelines



Executive Summary — Public entities and service providers are required to deliver accessible digital services. Modern accessibility programs align legal obligations under the **Americans with Disabilities Act (ADA)** with technical standards such as **WCAG 2.1 Level AA** and requirements reflected in **Section 508**. Manual reviews alone do not scale—automation is essential to find issues quickly, prioritize remediation, and prove ongoing compliance.

ADAWebscan supports rapid accessibility analysis across **all pages** of a website—not just samples—providing a repeatable and measurable way to identify ADA-related accessibility barriers and track improvement over time.

Compliance Framework: ADA establishes nondiscrimination and effective communication requirements; WCAG 2.1 AA provides the technical criteria used to measure accessibility; and Section 508 reinforces accessibility obligations for electronic information and technology.

Benefits of Automated Accessibility Scanning

- Rapid, repeatable scanning across large sites and digital estates
- Actionable reporting aligned to ADA, WCAG, and Section 508
- Evidence-based compliance posture (dashboards, trends, audit trails)
- Faster remediation planning through prioritized issue identification

PDF Accessibility & OCR Automation

A common compliance gap is the publication of **non-searchable image-based PDFs** (scanned forms, notices, and records). These files often lack a text layer, limiting usability for screen readers and preventing text search. ADAWebscan automates PDF accessibility improvement by using **OCR** to extract embedded text while preserving layout and converting documents into **searchable PDFs**. OCR status and outputs are logged for transparency and auditability, enabling downstream compliance workflows.

Conclusion — ADAWebscan enables scalable ADA compliance by combining automated scanning, standards-aligned reporting, and OCR-based PDF modernization. This reduces risk, improves user experience, and supports sustainable accessibility governance.