

# PDF accessibility

## Automated PDF Accessibility Software And Service Solutions

Designed To Improve Your Document Management Processes



# Why PDF Accessibility Matters

Inaccessible PDFs create real barriers and real legal exposure:

- ✓ **Missing heading structure** makes documents impossible to navigate with a screen reader
- ✓ **Broken reading order** scrambles content for assistive technology users
- ✓ **Inaccessible tables** without proper row/column markup lose all meaning
- ✓ **Scanned image-based PDFs** contain zero readable text
- ✓ **No keyboard navigation** locks out users who can't use a mouse
- ✓ **Exclusion of users with disabilities** prevents equal access to essential information
- ✓ **Poor user experience** increases frustration and abandonment rates
- ✓ **Brand damage** creates a perception of being non-inclusive and outdated
- ✓ **Missed business opportunities** due to inaccessible content
- ✓ **Inefficiency** caused by the need to provide manual alternatives

**Legal non-compliance** with accessibility standards and regulations such as **PDF/UA**, WCAG Level AA, ADA, EAA, and AODA may lead to complaints, lawsuits, and financial penalties

## Everyone deserves to read what you publish



*These aren't edge cases. They affect millions of users and are increasingly the focus of accessibility lawsuits and regulatory enforcement.*

# How It Works

## Conversion of PDF documents into accessible HTML web pages

**Setup takes minutes.** The entire system runs through a single script added to your website:

The conversion happens automatically. New or dynamic PDFs are processed on first access.

Organizations can also scan their entire site through the EqualWeb portal to pre-generate accessible versions of every document.

## PDF to Web Page (HTML)

# A Faster Way to Make Your Documents Accessible

### 1 Add one script tag

Add to your site with your unique sitekey

### 2 Automatic PDF Detection

Every PDF link on the page — no manual markup required

### 3 Accessible Viewing Experience

User clicks a PDF and it opens instantly in an accessible viewer- no download required, providing immediate and seamless access

### 4 Automated Accessibility Conversion

The PDF is dynamically converted into semantically structured HTML with proper headings, tables, reading order, and ARIA attributes

### Flexible User Choice

The original PDF remains available alongside the accessible HTML version, allowing users to choose their preferred format



# Integration

Adding the platform to your website is simple, fast, and requires no technical complexity. A single lightweight script tag is implemented using your unique site key, instantly activating the solution across your entire website. Once installed, the system automatically scans all pages, detects every existing and future PDF link, and transforms them into fully accessible viewing experiences — without any need for manual tagging, document editing, or ongoing maintenance.

The integration process does not require backend changes, CMS plugins, or any modification to your current infrastructure. This ensures a smooth deployment that does not interfere with existing workflows, development cycles, or content management processes. Whether your website is static, dynamic, or built on any platform, the solution works seamlessly across all environments.

**No backend changes. No CMS plugins. No per-document setup.**

Customize the viewer to match your brand — primary accent color, header background, and header text color are all



# Effortless PDF Accessibility

The platform is designed to deliver immediate value with zero complexity. With a single lightweight script, your entire website is instantly equipped with advanced PDF accessibility capabilities - no development effort and no disruption to your existing systems.

From the moment it's deployed, the system operates continuously in the background, automatically detecting and remediating both existing and newly added PDF documents. Accessibility becomes an ongoing, automated process that scales effortlessly with your content.

There is no need to redesign documents or manage workflows. Everything is handled for you - from detection to full accessibility conversion — ensuring consistent compliance across all your content.

**PDF Accessibility — made simple.**



# The Accessible Document Viewer

Every remediated document is delivered through a dedicated viewer with built-in accessibility tools. This isn't a basic PDF embed — it's a complete reading environment designed for users of all abilities.

## Document Navigation

- ✓ Document Outline with a structured heading tree for quick navigation
- ✓ Links Panel listing every hyperlink in the document with element tag badges
- ✓ Keyboard-first navigation — every control and content element is reachable and operable via keyboard

## Display Customization

- ✓ Dark Mode for reduced eye strain and light sensitivity
- ✓ Adjustable Font Size with keyboard shortcuts (Ctrl+/Ctrl-)
- ✓ Line Height Control for improved readability
- ✓ Letter Spacing Control for users with dyslexia or reading difficulties

## Accessibility Inspection

- ✓ Highlight Headings to visualize document structure at a glance
- ✓ Highlight Links to see all interactive elements
- ✓ Highlight Landmarks to verify ARIA regions and semantic structure

## AI-Powered Reading Aids

- ✓ Word Dictionary — click any word to get an instant AI-generated definition, part of speech, and usage example
- ✓ Text Summary — select any passage to get an AI-generated plain-language summary

## Dual View & Downloads

- ✓ HTML View with the fully accessible remediated version
- ✓ PDF View rendering the original document via PDF.js
- ✓ Download the original PDF or the accessible HTML version
- ✓ Print directly from the viewer

*All viewer preferences — dark mode, font size, line height, letter spacing, highlights — are saved per document, so users return to exactly where they left off.*



## Two Modes: Real-Time & Enterprise

This makes the platform a fit for government agencies, financial institutions, healthcare providers, universities, and enterprises managing large document libraries.



### Real-Time Mode

PDFs are converted to accessible HTML on first access. Users see the original PDF immediately while conversion runs in the background. On the next visit, the full accessible HTML version is ready. No queues, no delays.documents.



### Enterprise Mode

Scan your entire website, identify every PDF, and pre-generate accessible versions in advance. Centralized dashboard for document accessibility management. Ideal for organizations with hundreds or thousands of documents.

## Built for Scale

Whether your site has 50 PDFs or 50,000 — annual reports, regulatory filings, healthcare forms, educational materials, public policies — the platform handles it.

### Every document gets the same treatment:

- ❖ Proper semantic heading structure (H1-H6)
- ❖ Accessible table markup with row and column headers
- ❖ ARIA roles and landmarks
- ❖ Corrected reading order matching the original document
- ❖ OCR for scanned PDFs, converting images to readable text
- ❖ Full keyboard operability and screen reader support



# Regulatory Alignment

The platform supports compliance with major international accessibility standards:

Region	Standards	How We Help
United States	ADA, Section 508	WCAG Level AA-aligned HTML alternatives for all PDF documents
European Union	EN 301 549, European Accessibility Act (EAA)	Accessible HTML equivalents preserving content and usability
Canada	AODA, ACA	WCAG Level AA-aligned document alternatives

# Security & Privacy

The platform is built with enterprise-level security standards, aligned with ISO 27001 best practices. It ensures secure document processing without manual handling, with strict access control and data protection across all workflows. This approach minimizes the risk of data exposure and human error while maintaining full compliance and trust.



# See It in Action

Watch a standard PDF transform into a fully structured, accessible HTML document - with screen reader support, keyboard navigation, dark mode, AI dictionary, and every accessibility tool built right in.



**Ready to make every PDF on your site accessible?**

**Start Free Trial**

