AMP (Accessibility Management Platform)

System Overview

At Level Access we believe that technology can empower people of all abilities and be the driving force in creating a world accessible to everyone. To accomplish this goal, digital accessibility must be addressed on an organizational scale and integrated throughout the development process rather than through ad hoc retrofitting. AMP is an accessibility management platform that provides the structure to facilitate and organize all aspects of successful digital accessibility initiatives. AMP's powerful testing engine and workflow, intelligent reporting, accessible development best practices, and extensive training course library allow organizations to quickly and efficiently build, test, and maintain accessible software.

The Right Solution for Any Organization

- Whether you're a small shop or a large enterprise, AMP can easily accommodate your goals and scale up or down as needed.
- AMP identifies accessibility issues and measures compliance when testing against WCAG 2.0 A, AA, and AAA, as well as well as WCAG 2.1, Section 508, CVAA, and any other laws, standards, or regulations relating to digital accessibility.
- AMP supports many different roles across an organization – whether you're a Designer, Content Owner, Quality Assurance, Product Manager, Developer, etc.

Testing Tools for Any Situation

With AMP, users can employ a combination of tools to conveniently evaluate digital accessibility at different points in the development lifecycle and utilize a range of valuable options and features for each scenario. For example, targeting specific template pages out of the browser with Access Assistant page tests, and then setting up a crawler to cover a greater number of pages for a wider view into issues.

The premier platform for creating an accessible digital footprint and mitigating risk starts with effective testing solutions:
- Provides Automated, Manual, and Functional Testing support
- Run quick tests and get guidance for manual inspection right out of the browser with a Manual Testing Wizard that provides step-by-step instructions
- 1900+ Best Practices, updated overnight as Laws, Standards, and Technology change
- Unlimited Scans on unlimited pages
- Record macros to test in complicated situations, like behind authentication
- Ability to perform automated testing on native PDF content (other solutions often must convert the Adobe Acrobat or PDF file to XML and then evaluate that conversion – AMP tests the file natively for a superior assessment)
- AMP is the only accessibility software to include an Element Filtering feature which allows users to exclude specific elements from tests – this means elements that are common throughout the site and already tested (like a header or footer that's on every

page) can be ignored. This way, you can save high numbers of duplicates from appearing in reports – a common issue with many other accessibility software tools.

Toolbox

The AMP toolbox provides a single source for testers to access tools that are available as part of their AMP license. The toolbox is updated often to include solutions that provide additional support in specific areas regarding accessibility testing.

The toolbox includes Access Assistant, Access Alchemy, Access Continuum, and other tools such as the Color Contrast Checker.

Reporting

You want reporting to do more than simply tell you there is an issue... Fortunately AMP provides actionable information:
- Prioritization criteria for issues, including:
  - Severity, Noticeability, Tractability (estimated level of effort required to fix), and Occurrence Rate
- Asset tracking over time
- Compliant/Non-Compliant code examples
- Recommendations and additional tests to use for evaluation

AMP can manage all ranges of accessibility efforts from full, formal audits to informal, page-level tests right out of the browser. The platform can evaluate accessibility across all applicable standards and technologies and deliver results in a number of filterable views, so users can quickly measure compliance according to what matters for their own technology.

Enterprise-level accessibility initiatives demand comprehensive reports that are tailored to specific roles within an organization. AMP supports this requirement by providing detailed report views across several parameters, including views of standards-based compliance levels, best practices for identified violations, affected modules, and violation prioritization. AMP reports include:

Compliance-Level Reporting, which provides compliance officers, product managers, webmasters, and other project stakeholders with high-level standards conformance information. Information at this level can be used to easily identify key areas that lack conformance to relevant public standards. This information can then be used to help drive educational efforts within an organization.

Page-Level Diagnostic Reporting, which provides support for detailed page-by-page reporting of violations that have been detected during the testing process. Descriptions and notes pertaining to a violation can be edited and customized at an analyst's discretion to clearly define the issues that must be addressed for compliance. AMP also provides guidance on how to fix violations in-line with the diagnostic information. This guidance significantly decreases the time, budget, and resources allocated towards remediation efforts.

Intelligent Violation Modeling, which provides different views of the overall list of accessibility issues identified within a report. Users can view overall violation summary information, violations by standard, and violations by priority. This information is extremely valuable when estimating and evaluating required remediation efforts.

Report Distribution and Access Control

AMP reports can be easily distributed to an unlimited number of users within an organization and to duly authorized third parties via e-mail. Viewers are provided access to the report via a streamlined, simplified AMP interface that quickly routes them to the needed information in the system.

Administrators can create flexible report groupings using projects, specific report access lists, and by designating specific, individually authorized users. This framework provides for the easy management of the relationship between report viewers and testing teams while allowing administrators to have precise control over who can access reports.

Multiple Technology Platform Reports

AMP allows users to generate both web and PDF testing results into one concise report. These consolidated reports will be treated as a single report within AMP projects while offering customizable dashboard views for both web and PDF testing, and compliance scores of an entire web property such as a website.

Dashboard Reporting

AMP provides all users with a configurable and customizable widget-driven dashboard that allows quick and easy access to the most commonly used features and functionalities. Additionally, customizable widgets allow users to quickly retrieve the reports, best practices, and projects that they access most frequently.

Centralized Standards Management

All testing controls, standard definitions, and Best Practices are centrally configured and automatically deployed across an organization. This ensures that all compliance efforts are taken using the same set of requirements and eliminates different interpretations of compliance, which is a common problem in accessibility. All internal, contractor, vendor organizations, and parties can test and report on the same standards. New standards and platforms added to AMP by Level Access are quickly and easily incorporated, with no disruption to an organization's compliance activities.

Best Practice Database

AMP contains over 1,500 accessibility best practices that are organized by technology platform and provided as part of the Learning Center in AMP. AMP users can browse through high-level best practices and drill down as needed to review specific issues. The Best Practices Library provides access to descriptions of accessible development best practices from all the platforms and across all standards currently supported in AMP. Each best practice guarantees access to:

- Description of accessibility issues
- Compliant source code example
- Non-compliant source code example
- Recommended approach and options for fixing a violation of the best practice
- Unit tests allowing for validation of the issue in a variety of fashions, including: automatic, manual, and assistive technology review
- Links to relevant public standards associated with the best practice
- Severity, Noticeability, and Tractability (S/N/T) metrics for prioritizing compliance violations across best practices

Full Regulatory Coverage

Unlike many accessibility tools that only support a subset of requirements that are readily testable in an automated fashion, AMP provides for coverage for the full technical, functional, information, documentation, support, and recordkeeping requirements of accessibility standards and regulations.

Supported Standards and Technology Platforms

AMP provides coverage for formal and informal testing, knowledge management, and training across a variety of development and authoring platforms. This ensures that whatever platform a system is developed on, it can be tested and remediated for accessibility using AMP.

Public accessibility standards change over time because of court decisions, legislation, regulation changes, and technological advances. AMP provides users with automatic management of their accessibility development and testing standards across a broad range of technology platforms. Access to AMP includes no-cost access to the most up-to-date information about standards. This includes detailed implementation specifications for all common standards, step-by-step formal and informal testing guidance, and detailed training courses across a variety of key development and authoring platforms. Any platform you use can be tested and brought into compliance using AMP.

Supported Standards
- Section 508 (Revised 2017)   - Chapter 2 (WCAG 2.0 A, AA, CR), Chapter 3, Chapter 4, Chapter 5, Chapter 6   - Section 508 (original)   §1194.21, §1194.22, §1194.23, §1194.24, §1194.25, §1194.26, §1194.31, §1194.41   - WCAG 1.0   - WCAG 2.0   - WCAG 2.1   - VHA Section 508 Checklist   - ADA Requirements   - Japanese Industrial Standard   - KWCAG   - NFB Certification Requirements   - Section 255   - CVAA

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Supported Platforms	
• Web • HTML, XHTML, XML, JavaScript, AJAX, ARIA, CSS • Streaming Audio and Video • Adobe Acrobat (PDF), Flash, Flex, and LiveCycle • iOS and Android • Microsoft Word, Excel, PowerPoint and Silverlight • Adobe Captivate • Macintosh Software • Windows Native Software (WPF, MFC) • Java Software • Physical Hardware • Telecommunications Software and Hardware	

E-Learning: Web-Based Self-Paced Training with Access University

AMP provides all users with access to a significant number of training courses covering a variety of key topics in accessibility. Access University is a learning management system that allows learners to access and complete courses individually in a self-paced format. Courses include assessments that allow users to assess their understanding of key concepts delivered via the course.

The following Access University courses are available to AMP users without an additional license. Other courses not listed below require an Access University license.

Course Name	Description
AMP New User Orientation	An overview of the platform that includes tutorials on the basic navigation, options, and features for new users. The course allows users to become comfortable with the different screens and capabilities of AMP.
Accessibility Concepts 2.0	An overview of accessibility and how it applies to Information and Communications Technology (ICT). It is designed for those who will be introduced to the different types of disabilities, assistive technology, business drivers for accessibility, and various accessibility standards.
Introduction to JAWS	An overview of the major functionality and testing techniques of JAWS to validate accessibility best practices in websites and web applications.
Accessibility Audit Methodology	A high-level overview of the audit process of web pages and software for Section 508 and WCAG 2 Level A and AA conformance.
Accessibility Testing Tools Overview	A high-level overview of the testing tools used in the audit process including assistive technology.
Introduction to the ADA	The basics of the ADA, how it is frequently interpreted, as well as the application and rationale of the ADA.

Introduction to the CVAA	The basics of the CVAA, relevant accessibility issues, and guidance on design and record-keeping. It outlines starting points to consider when testing for compliance.
Introduction to Section 508	Information regarding Section 508, its applications, and the vocabulary of procurement as it relates to 508.
Introduction to WCAG 2.0	Explains WCAG 2.0 and discusses its principles and guidelines.
Microsoft Excel Accessibility	An overview of how to identify accessibility challenges, evaluation techniques, and remediation techniques necessary to create accessible Microsoft Office Excel spreadsheets.
Mobile Accessibility Basics	The most common accessibility issues for iOS and Android, and how to test for them.
WCAG 2.1 Exploring the New Success Criteria	The basics to ensure compliance with the new WCAG 2.1 standards. We cover the goals, facts and the decisions behind updating WCAG 2.0.
Quick Tips for Writing Meaningful Alt Text	Tips for content editors and content creators so they can write meaningful alternative text.
Best Practices for Creating Accessible Emails	Best practices for creating accessible emails to ensure that inclusive design principals are followed when writing emails.
Writing & Reading Accessibility Conformance Reports in the VPAT® Format	Accessibility conformance reports for both sellers and buyers. The lesson covers supported standards, structure, and best practices for using the VPAT reporting format to report on accessibility conformance as well as how to translate accessibility conformance reports like the VPAT into plain English and use them to make informed purchasing decisions.
Using Access Analytics	This course provides an overview of how to use Access Analytics, including an explanation of our dashboards and how to get the most out of the product.
Using Access Alchemy	This course covers how to use Access Alchemy for new users and provides an overview of key concepts.
Using Access Assistant	This course is designed to give new AMP users a thorough introduction to the Access Assistant browser extension and the different features available.
Access University New User Orientation	This course provides an overview on how to use Access University, so students can successfully navigate and complete courses.

Product Support

The AMP Support pages provide rapid access to help documentation, tutorial articles, frequently asked questions, and our AMP Technical Support Team. AMP users can use the Product Support site to obtain answers to their product related questions faster than ever. Since the Product Support site is directly integrated with AMP, users simply use their AMP credentials to log in or select the Support link within the AMP header.

The AMP Product Support site also offers the ability to comment on help articles and follow interesting resources. Each user can track all open, pending, and solved support requests directly within their My Activities section of the site.