

ACHIEVING LARGE-SCALE DOCUMENT ACCESSIBILITY WITH PREP FOR A LEADING US BANK

CLIENT:

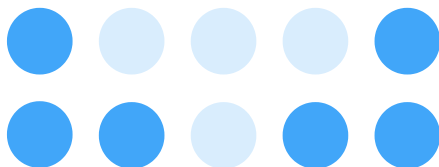
Leading U.S. Bank with presence in 35 countries

PROJECT OVERVIEW:

A leading U.S. bank, processing approximately 1 million documents annually, sought to enhance accessibility and ensure compliance with PDF/UA and WCAG 2.2 standards. The bank required a robust document remediation solution that could efficiently handle its high volume and complex document structures. Continual Engine's PREP platform was selected for its advanced automation capabilities and secure on-premises deployment.

CHALLENGES:

- Remediating a high volume of documents (1 million annually)
- Ensuring compliance with PDF/UA and WCAG 2.2 standards
- Requiring an on-premises solution for enhanced security and control
- Managing complex document structures such as tables, nested lists, and two-sided columns
- Generating accurate alt text for images, charts, and graphs
- Providing a centralized view and control for organization-wide remediation activities



SOLUTION:

- **On-Premises Architecture** - PREP was deployed on the bank's premises, ensuring full compliance with internal security protocols and providing complete control over the remediation process.
- **Automated Document Remediation** - PREP automates the remediation of complex document structures, including:
 - Tagging of complex tables
 - Managing nested lists
 - Handling two-sided columns
- **Alt Text Generation** - PREP's APIs are utilized to automatically generate alt text for images, charts, and graphs, significantly enhancing the accessibility of visual content.
- **Templatized Remediation** - PREP provides automated, template-based remediation for recurring document types, ensuring 100% automation and consistency.
- **Built-in Accessibility Checker** - PREP's integrated accessibility checker validates all documents against PDF/UA and WCAG 2.2 standards and generates a report, streamlining the compliance process.
- **Organizational View and Control** - The bank utilizes PREP's organizational view feature, allowing different departments to manage their remediation activities and access, enhancing oversight and operational efficiency.

COST SAVINGS:

- **Remediation Time Reduction:** PREP cut remediation time by 50%, significantly speeding up the process compared to manual methods.
- **Employee Cost Savings:** By automating 90% of the remediation, the bank avoids the need for additional employees, saving on the cost of hiring full-time staff with an average salary of \$80,000 per year.
- **Cost Efficiency:** The average market cost for document remediation is around \$3 per page, but PREP's efficient processes allow the bank to achieve these results at a significantly lower cost.

PROCESS OVERVIEW:

Step	Description	Methodology
1	On-Premises Installation	Manual Setup
2	Automated Document Remediation	AI-Enabled Automation via PREP
3	Alt Text Generation	API Automation via Invicta
4	Templatized Remediation	Automated
5	Accessibility Compliance Check	Automated
6	Organizational View & Control	Centralized Management

RESULTS:

- **Efficiency:** PREP enables the bank to process and remediate 1 million documents annually (anticipated), significantly reducing manual effort and processing time.
- **Compliance:** All remediated documents are fully compliant with PDF/UA and WCAG 2.2 standards, ensuring accessibility for all users.
- **Automation:** Complex structures such as tables, nested lists, and two-sided columns are handled automatically, increasing accuracy and reducing processing time.
- **Alt Text:** Automated generation of alt text for visual content improves the overall accessibility of the bank's documents.
- **Control:** The organizational view and department-level control features provide enhanced oversight and streamlined management of remediation activities.
- **Cost Efficiency:** By cutting remediation time by 50% and eliminating the need for additional full-time employees, the bank is expected to save significantly on remediation costs.

METRICS

- **Anticipated Total Documents Processed Annually:** 1 million
- **Compliance Rate:** 100% compliance with PDF/UA and WCAG 2.2 standards
- **Automation Level:** 100% for template-based remediation
- **Time Saved:** Estimated 50% reduction in processing time
- **Complex Structures Handled:** Approximately 50,000 complex tables, 30,000 nested lists, and 40,000 two-sided columns annually
- **Alt Text Generated:** Approximately 100,000 images, charts, and graphs annually
- **Employee Cost Savings:** Avoided a team of additional hires with an average salary of \$80,000
- **Total Cost Savings:** Over USD 1 million recurring annually
- **Capability:** CE tools are powered and capable to remediate 20,000 to 50,000 documents daily, with easy scalability to meet demand for higher volumes.

CONCLUSION:

Continual Engine's PREP platform provided the leading U.S. bank with a powerful, efficient, and compliant document remediation solution. The deployment of PREP, combined with advanced automation capabilities, ensured that the bank's vast volume of documents met the highest accessibility standards while achieving significant cost savings. The project not only ensured compliance but also enhanced the overall quality and accessibility of the bank's digital content, demonstrating PREP's capability to effectively handle large-scale, complex remediation tasks.