

Digital Accessibility

Accessibility Automation for
Transactional Digital Documents

www.cdpcom.com





Overview

- Business established in 1984
- Partnership with SEFAS since 2010
- Relationship includes all of CDP products including award-winning STREAMdiff
- Our largest joint accessibility customer produces 3.5 Million PDF/UA documents per month

Your Deadline: June 28, 2025



European Accessibility Act (EAA):

- Legal directive that mandates and harmonizes accessibility across various sectors in the EU
- Enforceable by June 28, 2025
- Applies to: Both public and private sectors, including e-commerce, banking, and transport services



EN 301 549:

- Technical standard that provides the specific guidelines needed to achieve compliance with accessibility requirements, including those set by the EAA (ICT products and services)
- Follows international standards WCAG 2.1/2.2 and references PDF/UA (ISO 14289)



Legal Enforcement by Member States:

- Each EU country enforces digital accessibility laws through national regulations
- Enforcement includes penalties for non-compliance, such as fines or legal action
- Member states monitor and report on compliance, ensuring adherence to EU-wide standards



The CDP Approach

BAXTER BAY BANK
MORE BANG FOR THE BUCK

BBB CREDIT CARD

Credit Limit Available: \$15,000.00
Interest Rates: Regular 15.00%, Cash Advance 18.00%

ACCOUNT SUMMARY

Previous Balance	\$1,228.15	
Payments Made	\$1,228.15	
Other Credits	0.00	
Purchases	1,136.16	
Cash Advances	0.00	
Interest Charges	0.00	
New Balance	\$1,136.16	
Minimum Payment	\$113.62	
Due by	July 16, 2019	

JACKSON BROWN
6641 PARK AVE. APT. 535
ALLEN PARK, PA 48101

ACCOUNT NUMBER
1234 5678 9101 4890

Statement Period
June 4, 2019 to July 3, 2019

Contact us:
Customer Service: 1-800-555-5587
Lost/Stopped: 1-800-555-4588
Online: www.baxterbay.com

Payment Options:
Mail
Telephone banking: 1-800-555-9870
Online Banking

Account Number: 1234 5678 9101 4890
New Balance: \$1,136.16
Current Minimum Payment: \$113.62
Due by August 16, 2019

Mail to: Big Bucks Card Center, Customer Services, P.O. Box 100, Boulder CO 99999
Jackson Brown, 6641 Park Ave. Apt. 535, Allen Park, PA 48101

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ADEPT UA: Tagging Engine

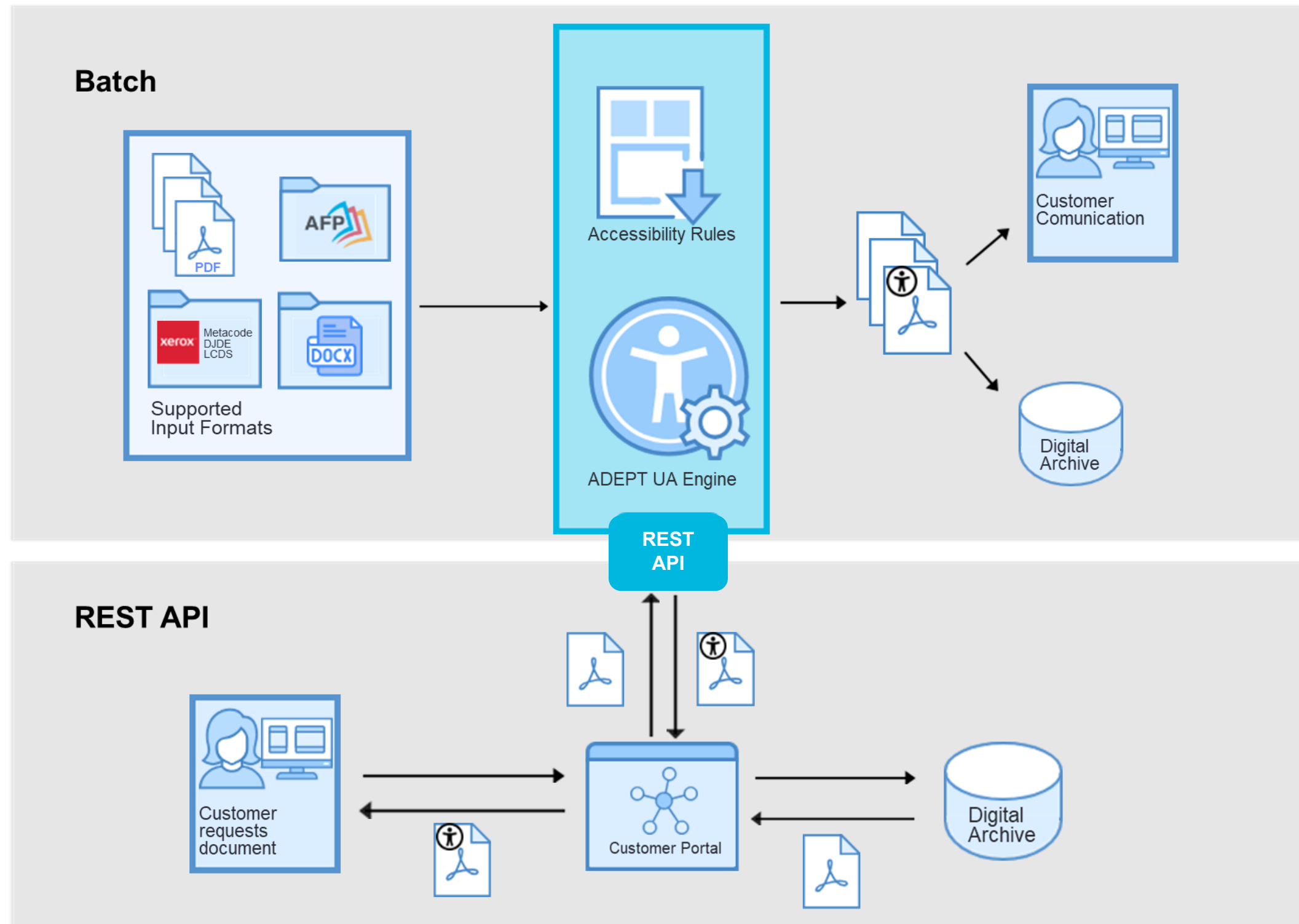
- **Layout Manager**
- **Tagging Rules are Flow-based, not X/Y (dependent on location) and will adjust automatically**
- Dynamic Table Detection and Definitions for Multiple Tables
- Row Processing Within Tables
- Control your Read Order
- Automatic detection of text items
- Customize artifacts, ignoring page numbers, terms and conditions, etc
- Split Print file into individual documents while UA is inserted
- Ability to extract indexes from each UA document for archival
- Create, Save and Reuse your Templates
- Easily add required descriptive text to images
- Add additional descriptive information to any elements to make meaningful sentences
- Tag Tables as they flow across pages
- Batch for High Volume Requirements
- Supported Formats; PDF, AFP, Metacode, DocX



ADEPT UA: A Case Study

- **Major Healthcare Provider**
- **The Challenge:**
 - 3.5 million pages (1.1 million documents) per month
 - processing window of 1 day / 20 hours
 - 13 variants of document
- **Discovery & Corrections:** font encoding, font naming, image management, alt text assignment for images (zero-height font to embed alt text)
- **Template design completion:** 1 template required
- **Deployment:** integration with Sefas Producer
- **Elapsed Time of Set-up:**
 - 4 months (approvals / customer resource availability)
 - 4 days as actual CDP effort template design & testing, font encoding, missing production barcodes in sample, alt text provisions, table & list & text interpretation feature enhancements for example: forcing the “#” to read as “Number” from assisted device
- **Flow Logic:** In production since Sept 2022 with no need to template updates or support calls

Automated Document Accessibility



UA Compare

- Side-by-side view of UA differences
- **Ensure that changes to rules, templates or applications do not inadvertently cause changes to UA**
- Optionally view all elements on the screen, or just view differences only
- Provides a summary list that describes each of the differences
- Accept approved changes - isolate unexpected differences
- Detailed Difference Report in HTML
- GUI and command line application

UA Compare: GUI

UA ADEPT UA Compare - Licensed to CDP (DEMO)

Compare
Remove
Enable
Save
Apply
Select Control PDF
Select Test PDF
Compare UA Tags
UA Comparing Tools
Doc1
None
All
Only differences
View
Highlight

Acceptance Rules
D:/Demo_Data/Demo_UA_Compare/Original Tags.pdf
D:/Demo_Data/Demo_UA_Compare/Updated Tags.pdf
Control Tagged Tree (Original Tags.pdf)
Test Tagged Tree (Updated Tags.pdf)

Acceptance Rules

Settings

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6641 PARK AVE. APT. 335
ALLEN PARK, PA 48101

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Control Tag Properties
Test Tag Properties

Control Content Text
Test Content Text

Difference Report

Page	Control RO	Test RO	Difference	Control Content	Test Content
1	Figure:1	Figure:1	Text, Alt Text	Text: Baxter Bay Bank More Bang For The BuckAlt: Baxter Bay Bank More Bang For The Buck	Text: unnamed figureAlt: unnamed figure
1	H2:12	P:12	Type	Text: ACCOUNT SUMMARY	Text: ACCOUNT SUMMARY
1	P:30	P:30	Missing	Text: Contact us	
1	P:31	P:30	Shifted	Text: Customer Service	Text: Customer Service

Ready
X: 0/0
Y: 325/0
Page: 1/2
0 pages



THANK YOU

Thank you for your interest in CDP
Communications.

www.cdpcom.com

