

## Sunrise

### Modern Content Transformation Services

#### Business Issues

Organizations are being challenged to manage the explosive growth of digital content and provide greater interoperability between business systems and applications. To do this they need to modernize their existing IT infrastructure with new technologies that can connect and transform content from legacy archive and enterprise content management (ECM) systems with modern business applications and workflows and improve customer communications.

#### Solution

Sunrise gives businesses a modern, useful, Web services REST API that is used to create custom, multi-threaded, content transformations. It integrates with legacy archive systems, enterprise content management (ECM) repositories and content services platforms (CSP) to retrieve transactional content and convert it into web-ready content formats. Content transformations are done in real time, within process and with extremely high throughput for thousands of concurrent users without limits to content type, volume and location.

#### Benefits

- **Increase productivity and flexibility:** makes content available anytime, anyplace and anywhere for employees, partners and customers.
- **Improve operational performance:** centralizes content transformations in a consistent and automated manner.
- **Increase versatility and usability:** manages the transformation of legacy print and file formats into universally and readily accessible formats for easy viewing and consumption.
- **Decrease compliance risk:** redacts personal identifiable information (PII) without altering the original document to ensure data privacy while preserving the legality of the original document.
- **Improve operational execution:** manages multi-threaded transformation operations and caches often-used resources

## Business Use Cases

- Electronic Bill Presentment
- Customer Self Service
- Business Intelligence Reporting
- Claims Processing
- Hospital Discharge
- Requests for Information
- Loan Origination
- Transportation Documents
- Logistic Forms
- Document accessibility for the blind and vision impaired

## IT Use Cases

- Legacy Data Transformation
- Infrastructure Modernization
- Application Decommissioning
- Content Federation
- Standardized Content Access and Usability

## Solution Overview

### Flexible Retrieval Services

Sunrise uses Web Services to provide application-level integration with many widely adopted enterprise content management (ECM) repositories and content services platforms (CSP) that have REST APIs. This makes retrieving content for transformation easy, fast and flexible to fit business needs and outcomes.

### Modern High-Volume Transformation Services

Sunrise content transformations are setup, configured and managed through the administrator's interface. Transformations are queued to run in real time upon request and within a business process via workflow. Administrators have full control over transformations, including document selection, transformation formats and output methods.

Sunrise manages highly configurable content transformation engines, making use of multi-threaded operations and resource caching to convert and standardize content that is generated by applications on mainframe and distributed systems and stored in ECM and CSP repositories on-premises and in Cloud platforms. Sunrise transforms content regardless of document type, image file and print format into widely acceptable PDF and HTML formats, including PDF/A for long term archiving, and PDF/UA and accessible HTML for content accessibility.

### Fast, Easy and Reliable Content Conversions

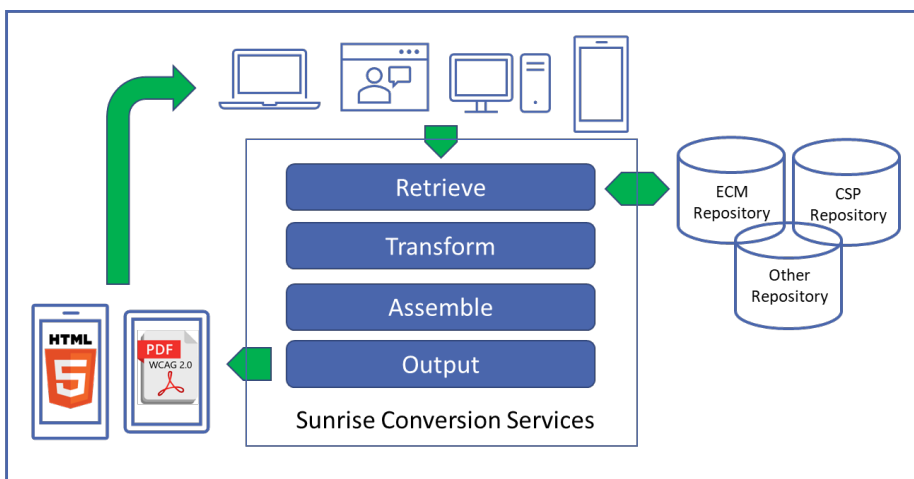


Figure 1: Sunrise Content Transformation Workflow

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## Essentials

Riptide supports virtually any content transformation

### Print formats

- AFP to PDF
- AFP to PDF/A
- AFP to PDF/UA
- AFP to HTML
- AFP to accessible HTML
- AFP to TEXT
- Xerox METACODE to PDF
- Xerox METACODE to HTML
- Xerox LCDS to PDF
- Text to PDF
- Text to HTML

### Document formats

- MS Word to PDF
- EXCEL to PDF
- PowerPoint to PDF
- RTF to PDF
- EML to PDF
- EMLX to PDF

### Image formats

- TIFF to PDF
- JPG to PDF
- BMP to PDF