

OpenText™ Output Transformation

OpenText™ Output Transformation is the industry leader in enterprise-class, high-volume document transformation. It is selected by the world's largest organizations for its exceptional performance, scalability, rock-solid reliability, and powerful graphical implementation. In addition to repurposing documents between electronic formats, it provides value-added capabilities including extracting visible content and metadata, indexing of documents for archiving, document bursting, and resource extraction for fast and efficient storage load and retrieval.

Transform and Repurpose High-Volume Documents with Enterprise-Class Performance, Scalability, and Reliability

Output Transformation is the industry-leading enterprise-class document transformation solution. Chosen by top-tier organizations to transform, reengineer, and repurpose print streams, images, and documents, it brings speed, scalability, and reliability to enterprise applications.

Whether the requirements are to present print-ready documents to customers online for paper reduction, to print on different printers due to a merger or acquisition, to offer visually impaired users a valuable document experience, or to have high-volume documents indexed and loaded into an archive, Output Transformation is the right choice.

OpenText pioneered print-stream transformation and continues to lead the industry in performance, scalability, and accuracy. Output Transformation is a 100-percent Java engine that is ideal for high-volume batch production printing, indexing in batch operations, and dynamic transformations for online document presentation.

Single Input Pass for Multiple Output Formats

OpenText Output Transformation's component-based architecture is designed for a single document pass to feed multiple document generators. With a single pass, documents are parsed into an intermediate format for visual inspection, content analysis, data extraction, and document manipulation.

Additionally, definable project flow components replicate and automate the business logic needed for managing documents and customer correspondence.

Output Transformation transforms and repurposes high-volume documents and print streams such as AFP, Metacode/DJDE, PCL, and PDF to a variety of output formats including AFP, Metacode/DJDE, PDF, PDF/A, Accessible PDF (PDF/UA), PCL, XML, CSV, TIFF, JPEG, and PNG. Additionally, Output Transformation has double-byte character set support for parsing and generating documents in any language.

PRODUCT SUMMARY

OpenText™ Output Transformation transforms and repurposes high-volume documents and print streams such as AFP, Metacode/DJDE, Line data, PCL, Image, and PDF to a variety of output formats including PDF, PDF/A, Accessible PDF (PDF/UA), AFP, PCL, Metacode/DJDE, image, and more. It also transforms documents for high-volume, batch-production printing, document and content storage consolidation, and on-demand web and mobile presentation.

FEATURES

- *Industry leading high-volume document transformation engine with superior performance and scalability*
- *Perfect fidelity when converting between source and target formats*
- *Component-based architecture to generate multiple output formats with a single input pass*
- *Unrivaled visual content mining to extract visible text off the page from static or floating locations with OpenText™ Field Technology*
- *Easy index file creation for loading high-volume content into archives and enterprise content management systems*
- *Robust and flexible Java API allowing for full configuration and application integration, extending the functionality of the transformation engine*
- *Multi-language support through the implementation of double-byte character sets*

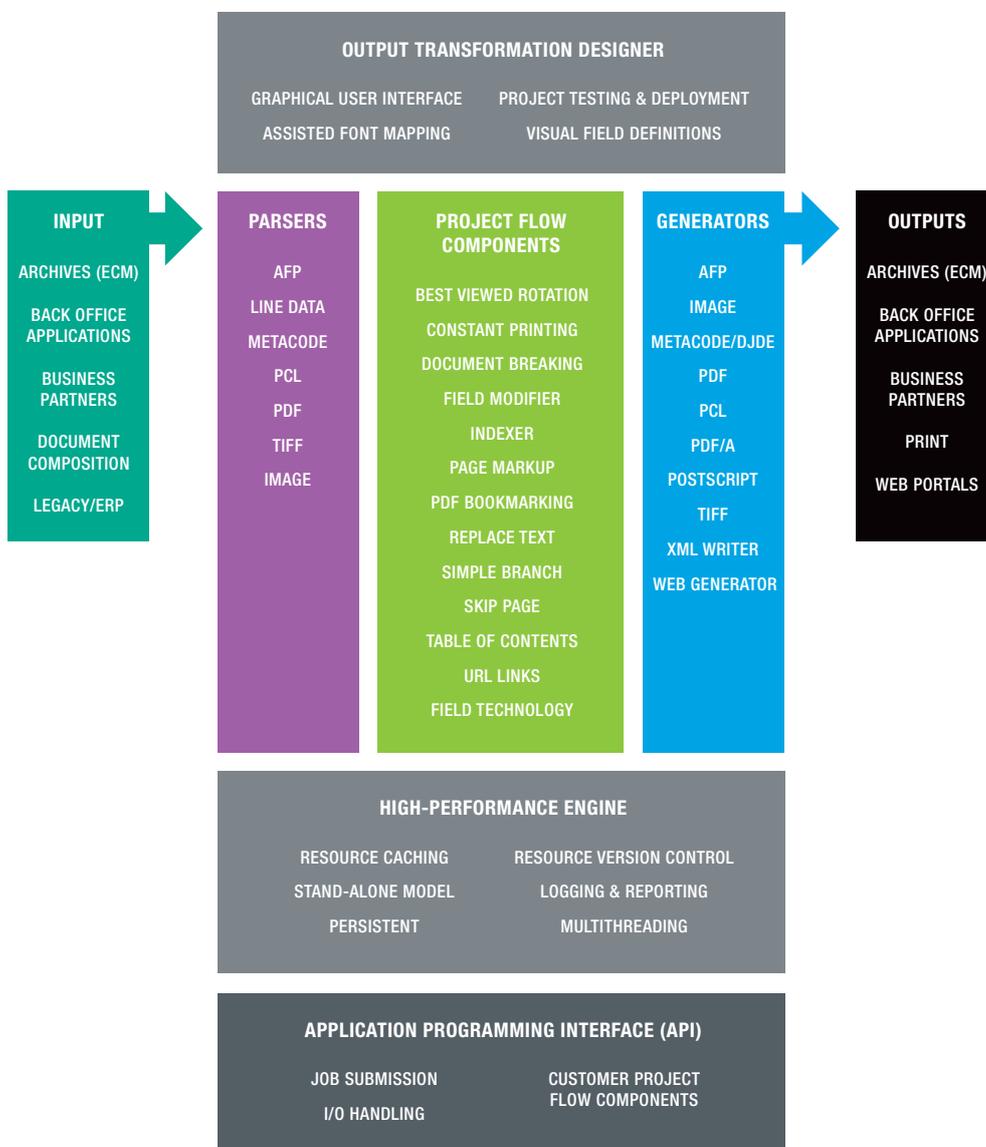
Industry Leading High-Volume Document Transformation

It is imperative that organizations present and deliver documents for customer correspondence, regardless of whether the documents were created today or 20 years ago. Output Transformation is able to transform and repurpose high-volume documents between incompatible formats, enabling the consumption of customer correspondence for high-volume batch production printing, document storage consolidation, and on-demand online presentation.

Output Transformation delivers superior performance with the highest transformation and throughput rates to satisfy strict service level agreements (SLAs). Through its multi-threaded design, it optimizes the reading, transformation, manipulation, and writing functions by performing them in separate threads, enabling I/O and other operations to be even faster and making the most use of the available hardware.

With its component-based architecture, Output Transformation allows organizations to use a single engine to accept and generate any format without the need to implement separate one-to-one transformations. It allows organizations to implement transformation software as a service (SaaS) to concurrently serve multiple lines of business.

Output Transformation is a 100-percent Java solution, deployable to all Java computing platforms including Microsoft® Windows®, SUSE® Linux®, Red Hat Linux®, IBM® z/OS®, IBM® AI®, and Oracle Solaris. Additionally, Output Transformation supports organizational online presentation initiatives, and is deployable to a variety of application servers including IBM® WebSphere®, JBOSS®, and Oracle Application Server™, providing statements and customer correspondence via web and online channels.



OpenText Output Transformation

Superior Resource Handling for Fast and Efficient Transformation

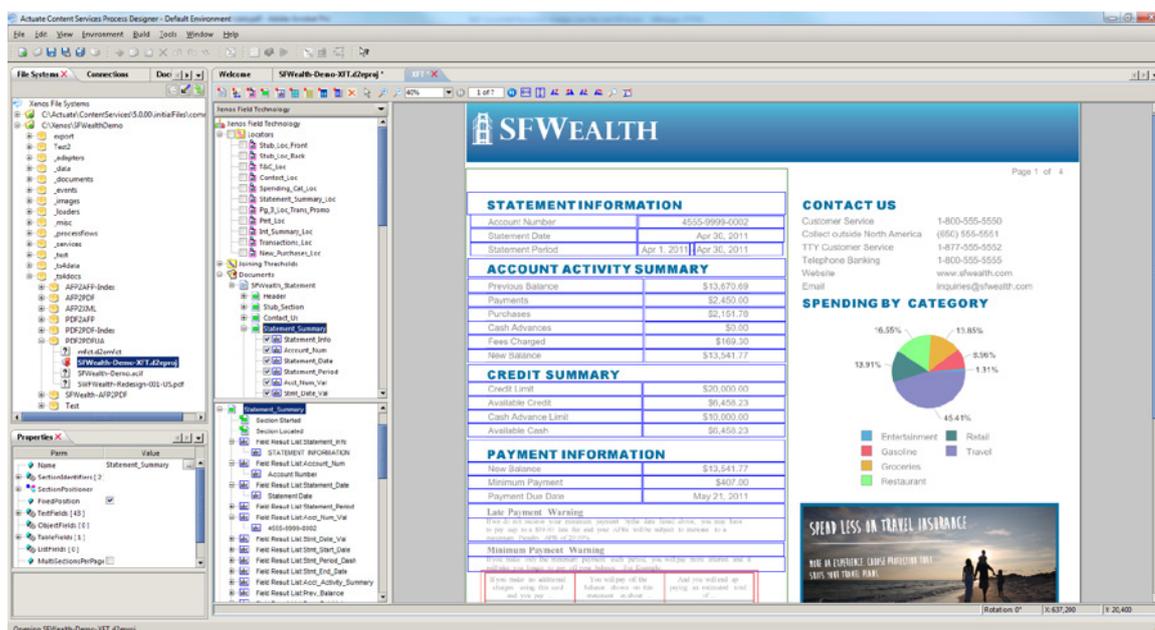
When an organization is implementing an online document presentment initiative, it is imperative that presentment systems achieve a sub-second response rate and fulfill specific transactions-per-second SLAs. One major benefit of Output Transformation is the capability to cache common resources for high-volume document transformation.

When documents are stored in repository archives, a major bottleneck occurs during single document retrievals. When the documents are retrieved for presentment, resources such as fonts, overlays, logos, and images need to be incorporated to correctly reformulate to ensure the fidelity of the output, significantly delaying the presentment time for parsing out resources each time. To address this bottleneck, Output Transformation caches the resources within its engine, so that resources only need to be parsed once and are reused for each subsequent transformation. By implementing resource caching, organizations can expect to see faster transformation times as volumes increase.

OpenText Output Transformation contains the resource version control capability to ensure that documents can be printed and viewed as they were created, regardless of the resource evolution associated with each document. By mapping unique version IDs between documents and resources, Output Transformation matches the correct resources for each document.

Mine and Extract Valuable Information with OpenText™ Field Technology

One of the most valuable capabilities of Output Transformation is its ability to mine and extract text from documents. OpenText Field Technology provides the ability to graphically map, extract, and repurpose information contained within documents. This extracted content can be used for resolving conditional logic and extracting structured content such as generating archive indexes or feeding information back into business applications. Additionally, extraction rules are easily configured graphically through OpenText™ Output Transformation Designer, allowing developers to see their field definitions and the extracted content in real time, without editing complex configuration files.



OpenText Field Technology

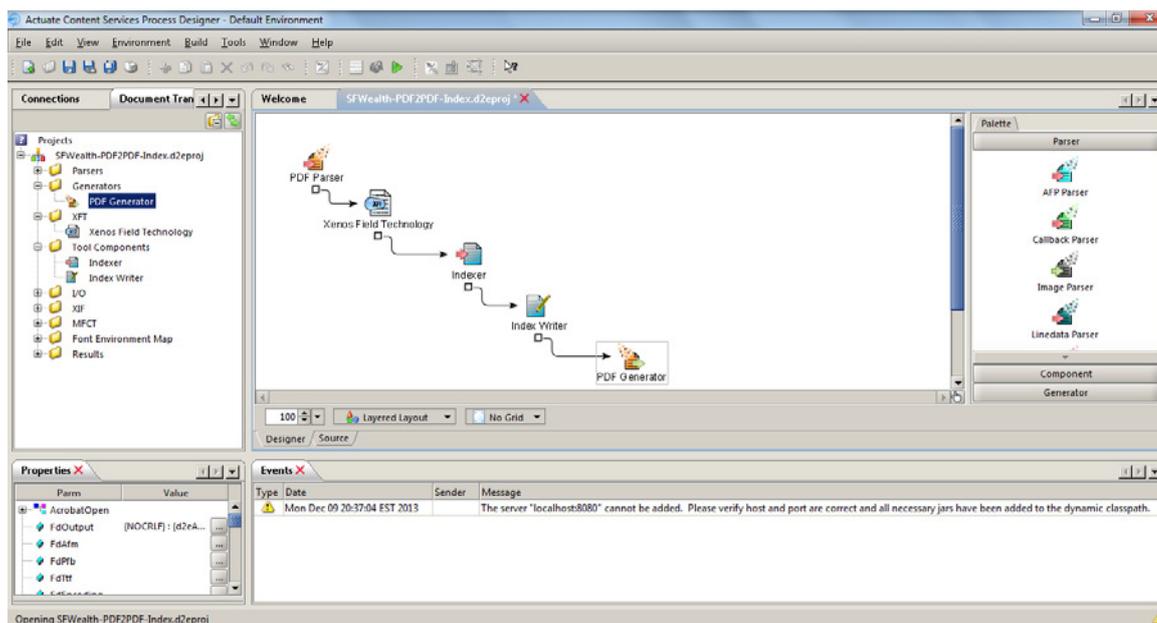
Output Transformation When You Need It, Where You Need It

Rarely does an organization only need to transform documents between formats. Organizations also need to extract information, make business decisions, and manipulate the content within the documents. Output Transformation includes project flow components to automate sophisticated business logic for document transformations. Also, developers can easily implement desired business logic within the transformation by defining their own project flow components to transform and retrieve content from external systems, insert content into external systems, and perform computations. Since the project flow components are compiled and not scripted, they leverage the full power of Java with top performance.

OpenText Output Transformation contains project flow components to allow organizations to:

- Automatically rotate pages to the best-viewed orientation
- Dynamically add images to simulate preprinted stock, insert PDF pages into documents, and add barcodes and optical mark recognition (OMR) marks for identification and tracking
- Burst multi-document streams into individual documents based on conditional logic
- Modify content by replacing images or text and moving content on the page
- Create indexes for documents to load into document archives
- Route content to generators for creating multiple formats
- Stop specific pages from being generated according to conditional logic
- Add Table of Contents and hyperlinks to PDF output, according to conditional logic
- Support columnar text that spans more than one page
- Add reading order and alternate text to documents for accessible PDF (PDF/UA) generation
- Add OMR marks
- Hide text or images for privacy and confidentiality reasons

All data extraction and configuration can be done graphically through Output Transformation Designer and is stored within transformation projects. With Output Transformation Designer, developers can see their field definitions and the extracted content in real time without editing complex configuration files. With the automatic page layout detection software, the developer can automatically configure tables, lists, and fields in a timely and accurate manner.



Output Transformation Designer Project Flow

Integrate Transformation with Business Applications

OpenText Output Transformation has extensible Java APIs and file events to allow it to be fully integrated into existing IT infrastructure. When deployed with OpenText™ Output Transformation Server, Output Transformation can also be used with additional integration options, including: Web Services, FTP, Message Queues, Sockets, and HTTP. Through the available integration channels, OpenText Output Transformation is fully configurable, allowing calling applications to pass system and job parameters on the fly for dynamic configuration.

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