PRINT FILE TRANSFORMATION

CRAWFORD TECHNOLOGIES

Canon

CANON SOLUTIONS AMERICA

OVERVIEW

CrawfordTech's document transformation solutions convert documents to and from a wide range of popular print formats. With these solutions, Canon customers can automatically transform existing print streams, including legacy print streams, to the optimal format for Canon's devices without the need to recompose output. All standard input and output formats are supported within virtually any operating system or environment. CrawfordTech's document transforms are widely considered to be the industry's fastest, most flexible, and most accurate print stream conversion solutions.

Formats

CrawfordTech supports a wide range of print, document and image file formats including AFP, Metacode, line data, HP PCL, PostScript, PDF (PDF/PDF-A-1b/PDF-UA), and images (TIFF/PNG). When using CrawfordTech document transformations, Canon customers select the input format or formats they need to convert along with the desired output format or formats. For example, a customer might want to convert existing Metacode files to AFP and to Accessible PDF.

Print File Transformation Essentials

- Support for a wide variety of popular print formats
- High-fidelity object-to-object conversion between source and target
- Indexing to enhance document metadata
- Splitting, batching and sorting to enhance print production efficiency and archiving processes

INPUTS	XEROX	AFP	PDF	PDF/A	PDF/UA	PCL	PS	IJPDS	HTML5	ACCESSIBLE HTML5	IMAGE	XML
1 XEROX (LCDS, DJDE, Metacode)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2 PS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3 PDF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4 AFP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5 PCL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6 IMAGES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Conversion

CrawfordTech uses object-to-object conversion, rather than object-to-bitmap transformation, to produce better quality and smaller file output. CrawfordTech converts pages, overlays, images, vector graphics, text, fonts and colors between source and target formats.

Conversion allows jobs to be migrated and efficiently output on Canon production print engines regardless of the originating Print Description Language.

Indexing

CrawfordTech's indexing features identify individual documents within a print file. AFP TLE's, XMP meta-data, page piece dictionaries, external CSV files and visual information on a page can be captured and used to sort individual documents within the print file and optimize insert and mailing processes. Indices created can also be used by archiving and ECM systems, thereby increasing the flexibility, value and utility of the CrawfordTech transformation process. Indexes and bookmarks can be added to output based on these indexes.

Splitting, Batching and Sorting

Splitting and combining features help manage both smaller files and larger batches to ensure that the optimal number of pages and file size sent to the press and post-production is optimized for the device and workflow.

For example, combining individual documents and small print files with common attributes into larger batches will improve the efficiency of print operations and take advantage of the throughput capabilities of Canon production presses. CrawfordTech's transformation engines can quickly re-sort/ re-sequence documents in a print file based on a number of parameters, including the content of an external file to facilitate post production processes such as finishing, mailing and reprints.

CrawfordTech Solutions

Crawford Technologies develops software and solutions to help enterprises optimize and improve the secure and accessible delivery, storage and presentment of their customer communications.

With over 1,800 customers on six continents, Crawfordtech solutions and know-how enable the largest banks, insurers, healthcare providers, utilities and print services companies to use their existing technologies, documents and data in new ways. We help them navigate the challenges in leveraging legacy applications in the platforms and applications of the future.

CrawfordTech's products, services and domain expertise reside at the nexus of content, data, and output management and are essential components of our customers' digital transformation, output management and document accessibility strategies.

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