

## OVERVIEW

Crawford document transformation solutions convert documents to and from a wide range of popular print formats. Crawford indexing features identify documents or segments for print & retrieval. Splitting & combining features help manage both smaller files and larger batches.

With our document transformation 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. Our document transforms are widely considered to be the industry's fastest, most flexible, and most accurate print stream conversion solutions.

### Formats

Crawford 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), HTML and images (TIFF/PNG) as shown in the following table. Many of the conversions work in both directions, but some, such as HTML, are just outputs.

### Conversion

Crawford uses object-to-object conversion, rather than object-to-bitmap transformation, to produce better quality and smaller output. Crawford converts pages, overlays, images, vector graphics, text, fonts and colors between source and target formats. Conversion allows jobs to be migrated to Canon production print engines regardless of the Print Description Language.

### Indexing

AFP TLE's, XMP meta-data, page piece dictionaries, external CSV files and visual information on a page, can be captured by Crawford and used to optimize mailing processes or to index documents for archiving and ECM systems. Indexes and bookmarks can be added to output based on these indexes.

### Splitting, Batching and Sorting

Crawford can split large batches into individual documents and segments, to aid document retrieval. Conversely, combining individual documents and segments into larger batches improves the efficiency of print operations. Crawford can quickly re-sort/re-sequence documents in a print file based on the content of an external file. This is possible due to Crawford's used of balanced page trees.

### Transform Essentials

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

### Contacts

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