

TurboFlow

Accelerate and Streamline Complex Printstream Manipulation

Business Issues

Print and mail organizations are under constant pressure to meet increasingly aggressive SLA timeframes, while managing changing job profiles, complex postal requirements and providing value-add capabilities. Adding more resources or upgrading to faster print and mail equipment may seem like the easy answer, however, that typically results in changes to existing workflows, extended implementation timeframes and additional expenses. The challenge is to quickly address these imperatives without compromising operational efficiency, flexibility, or profitability.

Solution

TurboFlow delivers new levels of performance and flexibility to accelerate high volume complex processing for all print formats, including PDF. With the advanced indexing capabilities of TurboFlow, large print files can be split, re-sequenced and merged into multiple files, in any order - all within a single pass, resulting in up to 50% faster processing speeds. Communication providers can easily achieve aggressive SLA timeframes and increase operational efficiencies for all communications while minimizing resource requirements and maximizing operational productivity.

TurboFlow streamlines challenging page sequence changes such as postal sorts, address cleansing and merging of multiple print files, making it the ideal solution to support high volume postal and production optimization as well as multi-channel delivery requirements.

Benefits

- **Increase productivity:** significantly reduces complex high volume printstream manipulation timeframes.
- **Streamline postal and production optimization:** simplifies efforts and reduces work cycles to achieve greater postal discounts and increased print and mail efficiencies.
- **Increase processing flexibility:** reduces efforts to enable multi-channel delivery preferences and adds business building flexibility for new services.
- **Optimize printstreams:** leverages intelligent resource management to reduce and reuse resources for smaller file sizes and to speed processing and archiving.

Why you may need TurboFlow

- Is your team spending hours on complex printstream manipulation – splitting, merging, re-sequencing of multiple large files?
- Are you maximizing your postal savings by householding and/or commingling mail?
- Are you challenged to meet tight SLA timeframes for re-engineering and processing high volume jobs?
- Are you having challenges splitting jobs at the document level to support multi-channel delivery requirements?
- Have you added resources to resolve any of these issues?
- Are there opportunities to offer your customers additional services?

Essentials

- Invoked with Java & .NET API, Command line, Workflows with PRO Conductor, scripts
- Runs on all major operating systems: Windows, Linux, AIX, HP-UX, Solaris, z/ OS, Linux for System z.
- Supported data streams: AFP, PDF, LCDS & Metacode (Xerox), PCL, PostScript

Solution Overview

Flexible, Advanced Capabilities

TurboFlow eliminates the multi-step processing typically required to extract select page sets from one or more files and then combine them in any order - in one or multiple files. An external file specifies the page extraction and re-sequencing details. In addition to TurboFlow's accelerated processing speeds, it also optimizes the printstreams, removing duplicate resources to ensure fast printing and archiving. Supports all print files, including PDF.

Solving Business Challenges with TurboFlow

Postal Optimization

- Single-pass processing speeds complex splitting, merging and resequencing of multiple large files based on batch size, routes & weights to efficiently meet postal requirements
- Easily manage householding and commingling processes for deeper postal discounts

Production Optimization

- Simplifies splitting files across multiple print centers to maximize asset utilization
- Easily streams files based on page count or weight to optimize productivity on print and inserting solutions

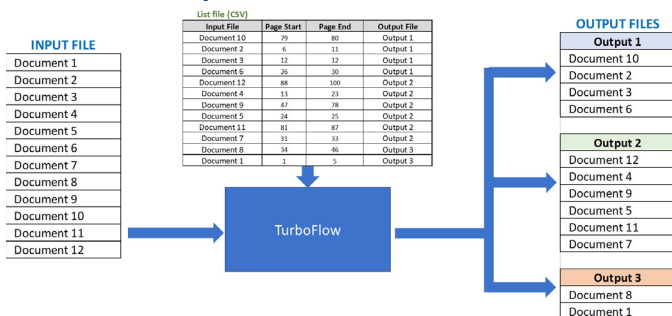
Multi-Channel Delivery

- Easily manage communication delivery preferences to support Customer Experience (CX) initiatives
- Supports preference management systems including CrawfordTech's eDeliveryNow® Preferences

EU Print Service Provider Reduces Processing Time by 99%

- Post compositional processing & normalization of high-volume transaction PDF batches taking 5+ hours per job.
- "Pick and Place" sorting, re-sequencing and concatenation required for postal sort.
- Negative impact on resource demands, efficiency, and SLA attainment.
- **TurboFlow Results:**
 - Accelerated processing from 4+ hrs down to less than 90 secs. 10X faster than other solutions.
 - Deployed single post-compositional solution for AFP & PDF processing.
 - Provider launched competitive "any" PDF printing service.

One to Many



Many to Many

