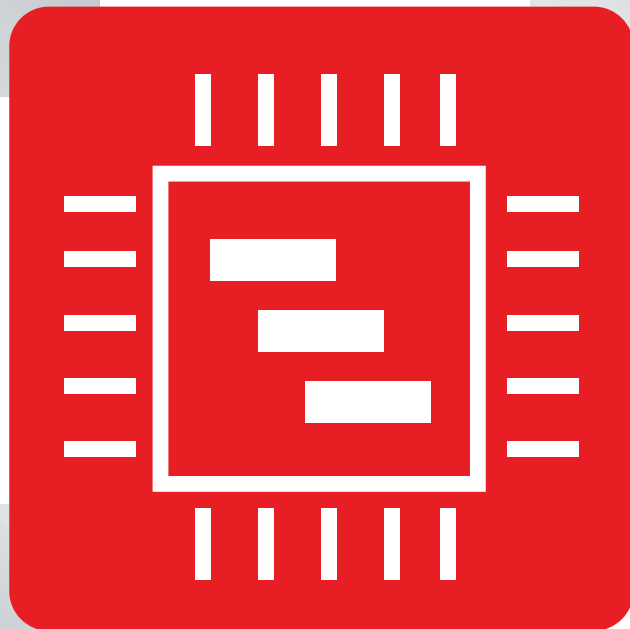


DocBridge[®] Queue Processor

Control and Optimization Center for Print Production

Benefits

- Lower maintenance expenses and less paper waste saves costs
- Optimal print preparation ensures maximum efficiency through highest print speeds
- Ease of operation and fast learning curve saves time
- Integration of legacy and new systems is straightforward



DocBridge® Queue Processor

What is DocBridge Queue Processor?

DocBridge Queue Processor is a system to manage print jobs from a central point. The solution is ideally suited for print centers in small- to medium-sized firms or for print providers with one to four printers. DocBridge Queue Processor is especially designed for high volumes and central bulk production rather than for decentralized printing in corporations, departments, or at workstations.

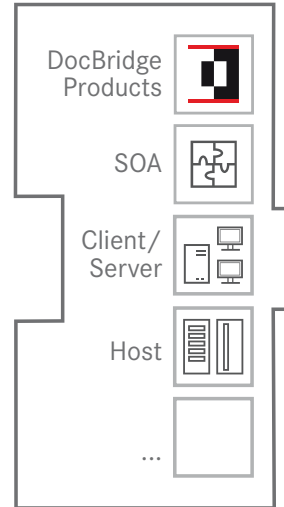
The system supports continuous processing of all incoming jobs regardless of which channels or applications they come from, and prepares them for further processing while optimally utilizing resources.

The DocBridge Queue Processor Concept

DocBridge Queue Processor processes print jobs from various input channels, independent of their allocation to specific output channels. Based on predefined configuration, incoming jobs are automatically assigned to the designated processing queue. Print jobs are optimized prior to printing to ensure an optimal print speed. Print operators can manage all the attributes required for print job production from a web-based graphical user interface. Once the printers are set up (paper, forms, simplex/duplex), the print jobs are sent automatically or if needed also manually to the correct printer. If, for example, multiple PDF and PCL files from different applications need to be printed at the same time, DocBridge Queue Processor passes them on to the appropriate queue, which in turn sends them to available printers. If all printers are busy, the jobs remain in the queue until a printer is available.

All jobs can be monitored and controlled via the graphical user interface. Successfully completed jobs can be post-processed, e.g. for archiving. These jobs are automatically transferred to the appropriate queue.

DocBridge® Queue Processor is a control center for managing print production – with guaranteed maximal performance, resource-saving workflows, and seamless incorporation into the print center.



The screenshot displays the DocBridge Queue Processor web interface. The top navigation bar includes 'Print Jobs', 'Devices', 'Queues', and 'Servers'. The main content area is divided into several sections:

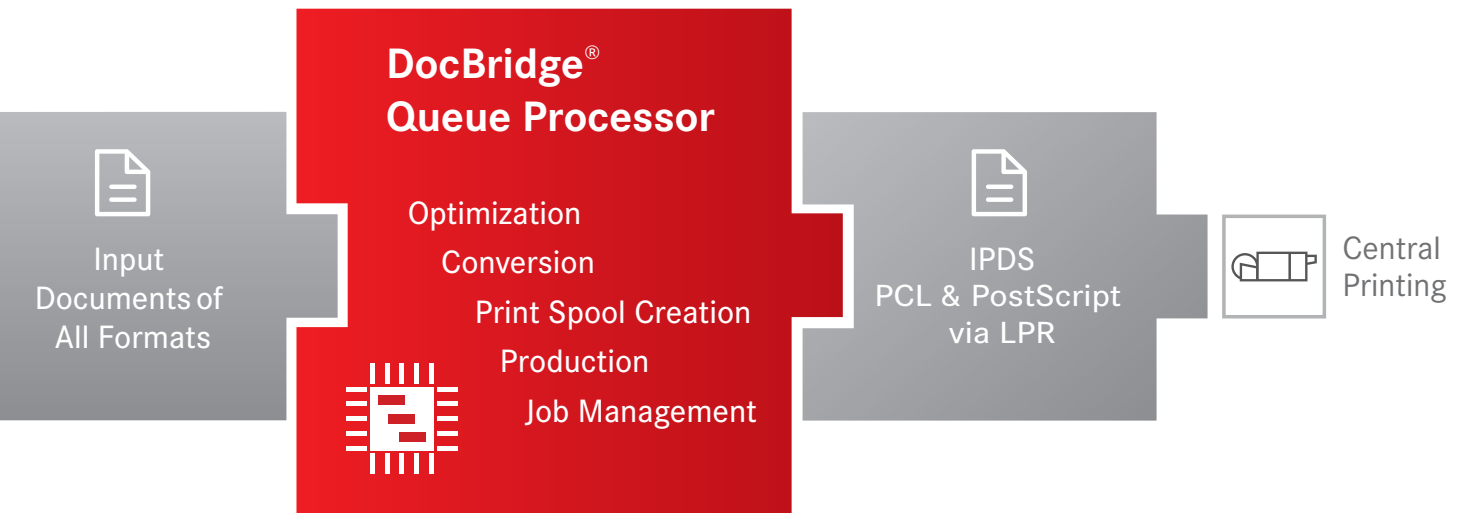
- Edit Print Job: 275:** A modal window showing details for a specific job. It includes fields for 'Server' (MyServer), 'Queue' (converting-queue), and 'Device'. Below these are 'Documents' (CoverLetterElectricBlankets_TLE.afp, Compar-Education_en.pdf, telefon_invoice.afp) and 'Forms' (a4_blue).
- Queues:** A table listing various queues with their states and IDs.
- Devices:** A table listing printers with their states, IDs, names, forms, and queues.
- Print Jobs:** A table listing individual print jobs with their states, IDs, names, and log file links.

| State | ID | Name |
|---------|-----|------------------|
| Idle | 102 | converting-queue |
| Waiting | 0 | deadqueue |
| Idle | 100 | incoming |
| Idle | 200 | printedjob |
| Idle | 103 | submitter-queue |

| State | ID | Name | Forms | Queue |
|---------|----|-----------------------|-------|------------------|
| Blocked | 2 | Boston-Production_500 | | converting-queue |
| Waiting | 1 | File | | converting-queue |
| Waiting | 3 | Lyon-429 | | converting-queue |

| State | ID | Name | Log File |
|---------|-----|-------------------------------------|-----------|
| Ready | 295 | CoverLetterElectricBlankets.afp | RequestLo |
| Ready | 294 | electricblankets.afp | RequestLo |
| On hold | 278 | CoverLetterElectricBlankets.afp | RequestLo |
| On hold | 275 | CoverLetterElectricBlankets_TLE.afp | RequestLo |
| Error | 272 | CoverLetterElectricBlankets.pdf | RequestLo |
| On hold | 271 | CoverLetterElectricBlankets.pdf | RequestLo |

System for Central Control of Print Jobs



DocBridge Queue Processor in Day-to-day Operations: Use Scenario



Print provider needs to process different data streams from a wide variety of input channels (e.g. in AFP and PDF format) and prepare the data streams accordingly.



Print provider must ensure optimal utilization of equipment and keep ramp-up time to an absolute minimum.

The Solution

- DocBridge Queue Processor accepts jobs and optimizes the data streams
- Jobs are optimized for performance and transferred to printers
- PDF files are sent to an IPDS printer via object containers in order to preserve color quality
- Print jobs with similar attributes are printed seamlessly to save paper, reduce ramp-up times, and best utilize the IPDS print systems
- Operators control and monitor the jobs via a web-based graphical user interface

The Benefits

- Increased efficiency through optimal data stream preparation to take full advantage of print speed and smart job control
- Efficient system utilization thanks to a solution to centrally control and manage the entire document output process
- Full flexibility through support of all market relevant input formats
- Environment-friendly and cost-efficient through minimal waste of substrates and paper
- Ease of operation and fast learning time

Main Functions at a Glance

- Management of print jobs from different input channels
- Optimization of print jobs for optimal print speed
- Document preview in real time
- Conversion of data streams according to international standards
- Resource-optimized allocation and bundling of jobs for different output channels

Compart®

Document & Content Technology Solutions

About Compart

Compart is a leading global provider of Multi-Channel Document Management Solutions. Headquartered in Germany, with subsidiaries throughout Europe and America and served by a partner network in Latin America, for over two decades Compart has consistently helped businesses improve operational efficiency with fast and flexible processing of high-volume data and document flow.

Compart's scalable and platform-independent DocBridge® software - designed, built and supported by Compart - delivers bespoke output, on paper or digitally, anytime and anywhere they are required.

Compart is recognized as an industry leader in driving innovation and delivering world class solutions. With in excess of 1,400 clients in over 45 countries across the banking, insurance, retail, print services, utilities and telecommunications industries, Compart is also chosen as an exclusive technology provider by leading vendors in the industry.

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