



Power up your printstream.

Enhance and manage
documents in real time.

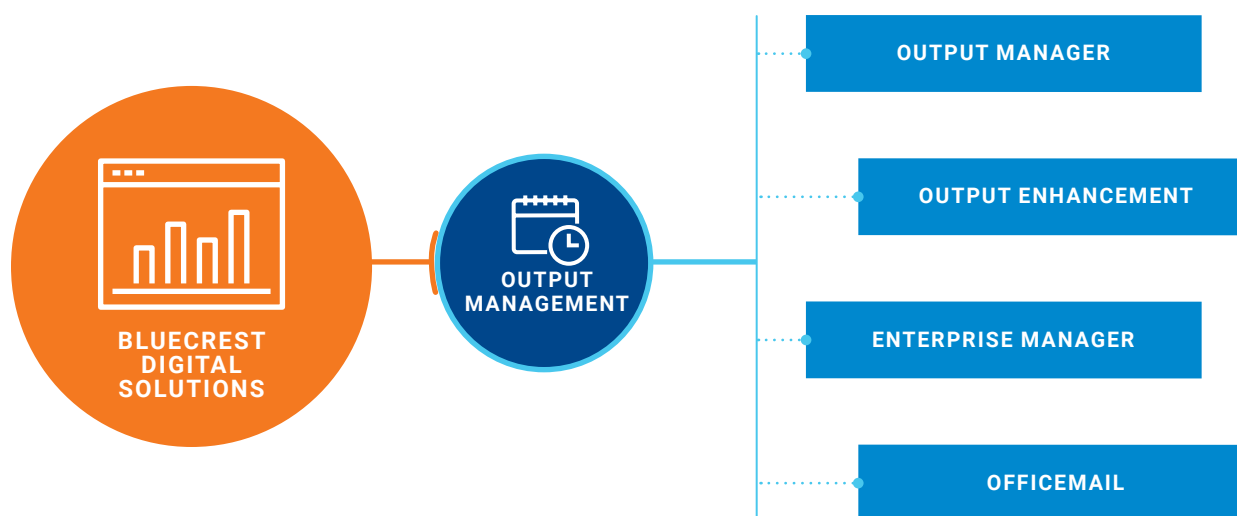


Yes, you can.

Optimize production. Streamline multi-channel delivery.

With our Output Management solutions, it's easy to enhance and manage documents in real time. Add impact to your engagement — and see the efficiencies you'll gain with BlueCrest.

- Move legacy applications to full color.
- Automate processing and tracking for greater integrity.
- Enhance documents with personalized offers and graphics.
- Optimize resources by distributing to any available printer or inserter.
- Deliver documents dynamically to printer PDLs or electronic output sources.



▶ **SIMPLIFY COMPLIANCE**

▶ **BOOST EFFICIENCY**

▶ **OPTIMIZE WORKFLOW**

▶ **REDUCE POSTAL EXPENSE**

▶ **MODIFY AND ENHANCE DOCUMENTS**

Simplify everything.

Robust print management for complex, highly diverse infrastructures.

Free your document production from the limitations of legacy systems, proprietary vendors and diverse data streams. Experience the power of real-time document processing and any-to-any printstream transformation.

Output Manager brings out the best in existing infrastructures, allowing you to automate and optimize workflow across multiple formats and devices.

▶ **Achieve more.**

- Process diverse data streams with real-time transformation and generation of electronic output in PDF, XML or TIFF format.
- Get more out of your hardware with centralized printer control, resource management and job-level accounting.
- Manage your entire print shop with one powerful Digital Front End (DFE).
- Automate and track reprints.
- Easily create workflows for client and job onboarding.

Automate at every step.



▶ Robust Workflow Engine and Designer

Aligns business requirements with applications, data and infrastructure.



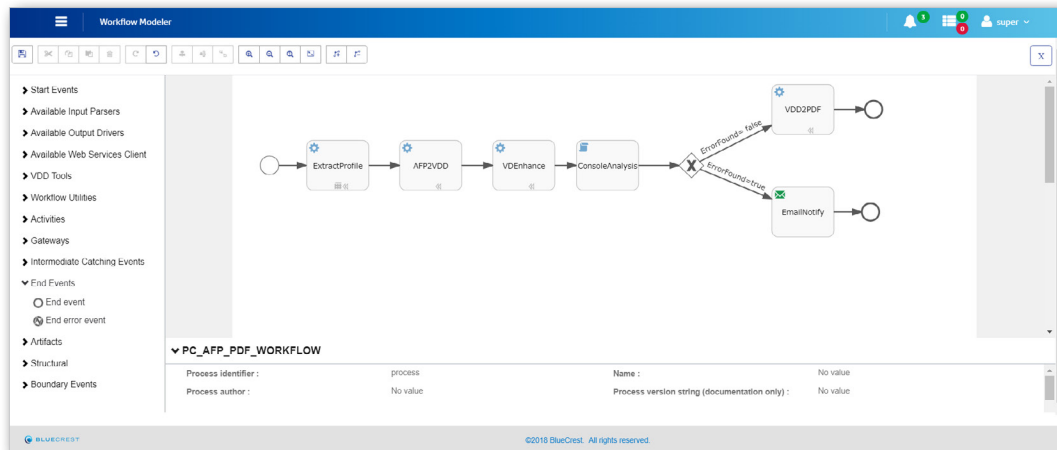
▶ Centralized Configuration and Change Management

Automates workflows, provisioning and change management.



▶ Job Manager, Auditing and Reporting

Provides centralized, real-time job status and audit trail from every integration point.



Workflow Modeller sample

USE CASES



BUILD SIMPLE WORKFLOWS WITH EASE

Simplify document enhancement, add quality control and manage output.



AUTOMATE ANY-TO-ANY PRINTSTREAM TRANSFORMATION

Easily create automated workflows that transform printstreams, validate and send to print.

Gain new-found agility.

Powerful real-time printstream and workflow re-engineering.

Extend the life of your legacy documents. Put our all-points-addressable search-and-change engine to work. You can update documents without changing the underlying legacy business application. We re-engineer the printstream, making changes at the end of the production process to ensure document-production integrity end-to-end.



Process, modify and enhance in real-time.

Enhance documents faster with Output Enhancement and capitalize on the power of one-to-one communications.

- ▶ **Control inserter systems.**
Easily enhance legacy applications to add, modify or delete barcodes and OMR marks.
- ▶ **Optimize asset utilization.**
Split jobs to balance workloads.
- ▶ **Increase your impact.**
Add personalization and variable color print.
- ▶ **Search and replace.**
Simplify with a powerful transformation engine.
- ▶ **Deliver documents dynamically.**
Drive to printer PDLs and/or electronic output destinations.
- ▶ **Maximize postal discounts.**
Perform postal presort and address cleansing.

USE CASES



ADD OR REPLACE BARCODES WITH EASE

2D barcodes provide detailed print instructions and ensure document integrity.



AUTOMATE REPRINTS

Create inserter controls files (MRDFs) to process reprint requests – closing the loop.



ADD COLOR INSTANTLY

Make an impact with existing documents by adding color to black-and-white print files.

▶ Simplify multi-site operations.

Enterprise-strength workflow automation.

Achieve multi-site, multi-tenant efficiency. Automate workload balancing, reduce downtime and accelerate output. With centralized printer control, resource management and job-level accounting, you'll gain greater control across your organization. Disaster-recovery support and encrypted data transmission maximize production uptime and keep your data secure.

- Get more out of your existing hardware with centralized resource management.
- Securely manage multiple customers in a single environment.
- Effectively manage your output with a single, powerful Digital Front End (DFE) across all print platforms.

USE CASES



SECURE WORKLOAD DISTRIBUTION

Shift work between print centers to optimize productivity and accelerate job completion.

▶ Add efficiency to everyday mail.

Move desktop-produced communications to the production environment.

Increase speed, accuracy, tracking and savings. With OfficeMail, your client's office staff can submit documents for printing and mailing – right from their desktops. Leverage centralized production facilities to automate printing, folding, inserting, postage metering and handling. Cut back on desktop equipment, streamline production and achieve more with existing resources.

Take advantage of the latest technology, including high-quality color printing, high-integrity inserting, postage optimization, mail-piece tracking and reprint. Automatically route documents to print, email or HL7 based upon customer preference.

Leverage the expertise and proven solutions of a world leader in production print and mail, using readily available technology.



**IMPROVE
PRODUCTIVITY**



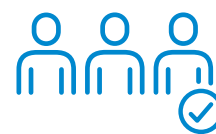
**REDUCE
COSTS**



**INCREASE
MAIL QUALITY**



**SUPPORT
AUDITABILITY**



**IMPROVE
CONSISTENCY**

USE CASES



GAIN HIGH-SPEED EFFICIENCY

Print and mail documents created on office desktops in your production environment.



FORMAT FOR COMPLIANCE

Office staff can send documents via email or HL7 messages with proof for audit – right from their desk.

Discover document transformation.

Empower your team to be smarter, faster, stronger — better. As the market leader in production print and mail, our software solutions make every aspect of your operations more powerful, more flexible and more accurate.

Stand-alone modular solutions integrate easily with your existing technologies, adding value to the software and hardware you rely on today.

Bluecrest gives you more ways to:

- **Simplify compliance**
Automate, monitor and document processes to deliver the right message to the right person, at the right time, every time.
- **Boost efficiency**
Make the most of your production resources, eliminate manual workarounds and minimize downtime.
- **Optimize workflow**
Gain real-time visibility, flexibility and control to ensure delivery commitments are met.
- **Reduce postal expenses**
Sort, barcode and automate mail to obtain the lowest postage rates and easily access reporting and tracking.
- **Modify and enhance documents**
Onboard new applications, enhance print-ready documents and gain greater efficiency.

SOFTWARE SOLUTIONS PORTFOLIO

OUTPUT MANAGEMENT

Powerful capabilities for transformation, re-engineering and enhancement of documents for optimized production and multi-channel delivery.

DFWORKS

Integrated solutions to monitor, measure and track the status of workflows, resources, jobs and individual mailpieces. It helps simplify and automate time-consuming production planning and analysis tasks.

CLARITY SOLUTIONS

Accelerate results by ensuring maximum output and minimum downtime. Sensor data predicts and resolves equipment and operator issues before they occur.

DIRECTVIEW

Improve operations success by comparing actual performance to plan, understanding reasons why plan goals are not being met and determining what must be done to increase productivity.

Get started today with the actionable insights and controls you need to excel.



About BlueCrest

BlueCrest, formerly the Document Messaging Technologies division of Pitney Bowes, is an independent technology company with a long tradition of global leadership in enterprise print, mail and customer communications. We take pride in many long-term client relationships with some of the world's largest high-volume mailers, postal organizations and parcel logistics companies.

Our more than 1,500 employees and 1,000 certified technicians worldwide help our clients drive operational efficiency and effectiveness with mail, print and data management software that optimizes communications and innovative IoT technology with real time predictive analytics to boost productivity.

BlueCrest

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