

OUTPUT MANAGEMENT SOLUTIONS

Intelligent centralized control for your production workflow

The key to gaining control of your mailstream

Pitney Bowes Emtex® Software

Output Management

Modern print and mail operations are under pressure to increase productivity, enhance operational efficiency, and support increasingly complex output requirements.

With the current pace of technological innovation and the need to manage legacy and new systems, many organizations face the challenges of proprietary architectures, complex workflows and diverse output technology that doesn't keep pace with changing needs. The result? Frequent bottlenecks, missed SLAs and significantly higher operation costs.

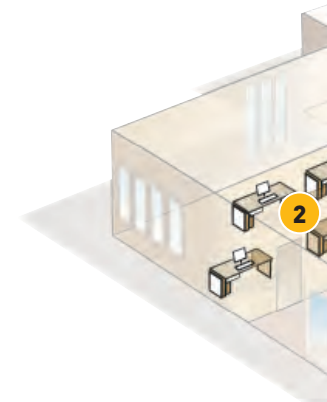
Robust output management software provides centralized print and process management to help you make the most of your production workflow, while providing a platform for building an Automated Document Factory (ADF). A robust Output Management Solutions results in a more effective asset utilization, improved process, job, and document-level integrity and essential business continuity capabilities.

Effective Output Management Includes:

- ❖ **Centralized and Automated Workflow**
Centralized and automated workflow provides an open and cost effective approach to job control, tracking, auditing and accounting. Streamlining and automating processes optimize throughput and asset utilization, and enable greater productivity, compliance and cost control.
- ❖ **Print Production Management and Real-time "Many-to-Many" Transformation**
Real time transformation provides "any job to any" printer flexibility as well as electronic output, enabling legacy systems and an optimized workflow to achieve tighter SLA's, overcome bottlenecks, minimize device set-ups, and achieve higher throughputs while reducing costs.
- ❖ **Real-time Printstream and Workflow Re-engineering**
Real-time printstream and workflow re-engineering enables changes within the printstream itself for content, mail piece processing or postal automation. It allows the downstream flexibility to enhance new and existing legacy applications, optimize mail pieces and smoothly re-engineer the printstream, rather than having to alter the underlying legacy business applications.



Production Intelligence™ Workflow Management Solutions to Control Your Operations for Efficiency and Integrity



Output Management Solutions



Centralized and Automated Workflow

FlexServer®

The key to improving your processes and your documents can be an intelligent document management technology that optimizes every step of the workflow—from job event alerts to job level tracking to managing finishing devices. FlexServer® is an advanced, Unix® -based enterprise output management solution that reduces costs by automating manual processes, balancing workloads, and maximizing your organization's print assets.

- ❖ Robust solution for centralizing print job management and control
- ❖ Powerful rules based workflow tool for automating regular job processing tasks
- ❖ Automated multi-site job distribution for workload balancing and disaster recovery
- ❖ Drives printers natively or integrates with VIP™ for print stream transformation
- ❖ Extensive centralized job accounting and reporting
- ❖ Host based job submission clients for IBM® z/OS™, Unix and windows environments
- ❖ Job event alerts based on pre-determined event triggers via FlexAlert
- ❖ Integrates with finishing and document tracking systems

Print Production Management

Real Time “Many-to-Many” Transformation

VIP™ (Virtual Intelligent Presentation)

The unique VIP™ architecture optimizes your document workflow and frees you from the limitations of proprietary vendors and data streams. The key is robust print management functionalities that include everything from data stream transformation, resource management, and automated reprinting to enhanced production control and convenient viewing before, during and after output. With VIP™ output management software, you benefit from greater operational efficiency, productivity and accountability.

- ❖ Real time processing, text based, “many-to-many” print stream transformation and generation of electronic output (PDF, XML or TIFF)
- ❖ Centralized printer control, resource management and job-level accounting
- ❖ Output device and vendor independence
- ❖ Parallel output processing, driving printers and generating electronic output simultaneously
- ❖ Modular client server architecture which expands as your requirements grow
- ❖ Wide range of host and legacy connectivity options
- ❖ Drives an extensive range of production and departmental printers efficiently and effectively



Output Management Solutions

- 1 Data Processing / Control File Creation
- 2 Document Creation / Print Stream and Workflow Re-engineering
- 3 MIS – Planning, Forecasting, Scheduling and Job Metrics
- 4 Output Management
- 5 Automated Reprint

Real Time Printstream and Workflow Re-engineering

VDE™ (Virtual Document Enhance)

VDE™ is a printstream manipulation and application re-engineering solution that makes it easy to modify and enhance legacy applications. The key is an all-points-addressable search and change engine that lets you update documents without changing the underlying legacy business application. VDE™ re-engineers the printstream itself, making changes at the end of the production process. Now, you can extend the life of your legacy documents, increase productivity, and improve end-to-end document production integrity.

- ❖ Add, modify and delete barcodes and OMR marks for improved finishing control and mail piece integrity
- ❖ Integrate with ADF control systems
- ❖ Intelligently split jobs to balance workload over several printers
- ❖ Consolidate mail pieces by merging disparate inputs sources into a single envelope
- ❖ Merge small jobs into a single job for output on high speed production printers
- ❖ Perform address presort and cleansing, post composition just prior to print
- ❖ Add simple targeted one-to-one messages and inserts
- ❖ Add color to black and white documents

Can you answer these questions?



- ❖ How do you manage print production with diverse printstream and print technologies?
- ❖ How do you load balance your print production between printers and sites to optimize efficiency?
- ❖ How do you manage reprints downstream?
- ❖ How do you handle inserter re-routing?
- ❖ How do you handle post data processing changes?
- ❖ How do you manage your job distribution in an event of an interruption to your business?

Your Pitney Bowes Emtex representative can help you find the answers to optimize output management for your organization.

Centralized output management for an optimized workflow, increased job, and document integrity

Given the complexities of managing today's mailstream, there is a growing need for a better way to improve productivity, eliminate inefficiencies, reduce costs, and intelligently link print and mail processes. The key to overcoming these challenges is a centralized output management solution that optimizes your production workflow, automates manual processes and eliminates the limitations of proprietary vendors and print streams.

Pitney Bowes Emtex Output Management solutions integrate proven software systems to provide high-volume production centers with an open, scalable solution that enables real-time "many-to-many" transformation, printstream and document re-engineering, and the ability to modify and enhance print-ready documents. In addition, it leverages real-time device and job tracking, monitoring, accounting, and reporting to deliver Production Intelligence™ across the mailstream.

Transform your mailstream with the "Five I's" of Production Intelligence™ Workflow Management Solutions.

in-for-ma-tion, noun, 1) a collection of facts, data and real-time production performance analytics, 2) knowledge of specific events or situations that has been gathered, 3) turning data into insightful information, 4) management and tracking at every touch-point of your print and mail processes.

in-no-va-tion, noun, 1) a single workflow to manage disparate print technology, 2) effective production planning of resources, devices, and processes, 3) real-time document re-engineering and enhancement, 4) intuitive technology to simplify job preparation and accelerate process automation.

in-te-gra-tion, noun, 1) the act of combining separate process into a unified process, 2) integrating data from across your print and mail operation, 3) optimize workflow steps.

in-teg-ri-ty, noun, 1) the quality or state of being complete, 2) adherence to regulatory compliance, 3) the ability to meet and exceed service level agreements (SLAs), 4) a sound business continuity plan.

in-tel-li-gence, noun, 1) the ability to apply information, innovation, integration and integrity to manage one's environment, 2) the ability to making better, more informed decisions, 3) the ability to spot inefficiencies, and unused resources, 4) the ability to comprehend; to understand and profit from experience.

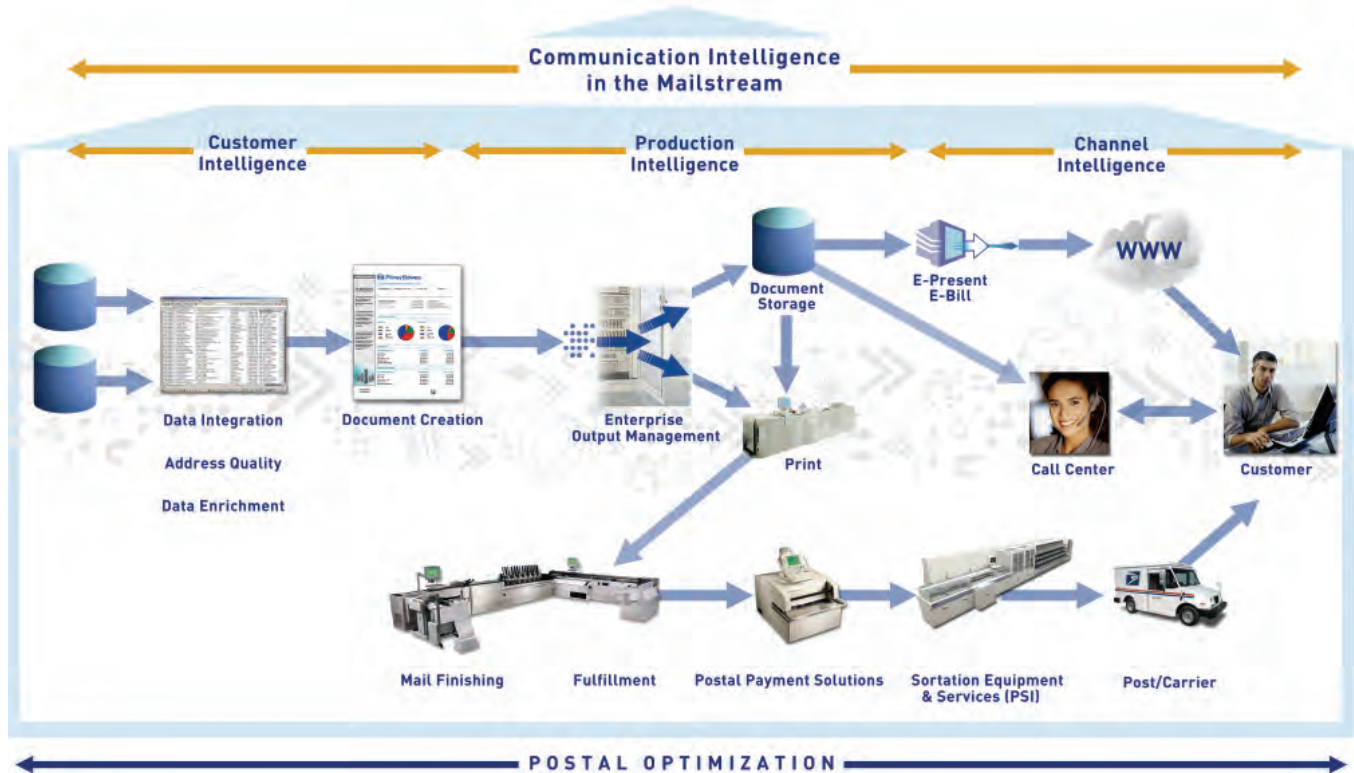


Our Output Management Solutions Add Intelligence into Every Communication

With communication intelligence in your mailstream, your relationships with customers, prospects, suppliers and employees become more effective, more efficient and far more profitable.

Centralized and automated workflow, real time workflow re-engineering and real time document re-engineering, enable you to enhance control of production workflow for greater productivity and integrity.

It's all part of a strategic framework known as Customer Communication Management, an approach that adds intelligence – and value – at every step.



With a single, high-definition view of your customers, **Customer Intelligence** makes every customer contact more relevant and purposeful.

By turning the data and documents running through your print and mail operations into actionable information, **Production Intelligence** helps ensure that every communication is accurate and efficient.

Through the seamless management, distribution and analysis of physical and electronic communications, **Channel Intelligence** provides for more consistent, more effective customer experiences.



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