



Execute with excellence.

Integrated intelligence to automate and optimize your high-volume print and mail operation.



| LP | MTRK | 00:20 |
|----|---------------|----------------|
| 33 | C:ASE01077845 | 216 1047 01:27 |
| 19 | C:ASE02099346 | 244 1220 01:34 |
| 58 | C:20042539 | 247 991 01:35 |
| 8 | C:ASE00102970 | 253 2533 01:37 |
| 25 | C:ASE00595206 | 256 769 01:38 |
| 51 | C:ASE00833116 | 267 803 01:41 |
| 15 | C:ASE00274972 | 312 935 02:00 |
| 55 | C:ASE00812578 | 311 3980 02:07 |
| 40 | C:ASE00077909 | |
| 31 | C:ASE00534797 | |

The automated document factory starts here.

You face formidable goals: Increase accuracy. Gain efficiency. Minimize waste. Simplify...well, everything.

The DFWorks® Suite provides the actionable insights and controls you need to boost performance across your entire operation. Our integrated, modular software solutions support any production environment – and scale to any number of processes, equipment, facilities and users. This enables you to capture, assess and share data, immediately putting your insights to work.

Execute with excellence in every way.

- Compliance
- Workflow control
- Operational efficiency
- Postal optimization
- SLA attainment

POWER UP PRODUCTION.

- **TAKE CONTROL**
Production Workflow
- **GET ANSWERS FAST**
Document Lifecycle Tracking
- **AUTOMATE WORKFLOW**
Mailrun Management
- **MANAGE POSTAGE SPEND**
Postage Accounting
- **MASTER THE IMb™**
Postal Manifesting



Monitor, measure and report the status of workflows, resources, jobs and individual mail pieces across your entire production cycle.

Take control.

Real-time job and piece-level tracking in a single dashboard.

Know what's going on – and what needs to be done – across any number of jobs, processes or sites. DFWorks Production Workflow tracks and monitors SLAs to identify potential delays. Know when jobs are in queue, in process and complete.

▶ **Get everyone on the same page.**

Real-time views make it easy to get ahead of potential problems. All stakeholders will know deadlines and how each process must be managed to achieve SLAs.

▼ Status Mappings: ALL | None
 Forecasted Not Ready Ready Processing Completed Closed On Hold Rework Pending Rework Processing Error

▼ Impact Mappings: ALL | None
 OnSchedule Late Warning Unknown Not Applicable Completed On Schedule At Risk

| Job Type | Run Id | Filename | Start Time | Due Time | Size | Print | Insert | Ship | SLA Status | |
|-----------------|----------|--|------------------------|--------------------|------|-------|--------|------|------------|---------|
| POWERCO_PRINT18 | 00000286 | POWERCO_PRINT18_00000286 | 09/29/2018 10:23:53 AM | 10/09/2018 3:00 PM | 75 | 0% | | | OnSchedule | Actions |
| POWERCO_PRINT18 | 00000287 | POWERCO_PRINT18_00000287 | 09/29/2018 10:32:07 AM | 10/09/2018 3:00 PM | 75 | 0% | | | OnSchedule | Actions |
| POWERCO_PRINT18 | 00000290 | POWERCO_PRINT18_00000290 | 09/29/2018 12:23:02 PM | 10/09/2018 3:00 PM | 75 | 100% | | | OnSchedule | Actions |
| POWERCO_PRINT18 | 00000292 | POWERCO_PRINT18_00000292 | 09/29/2018 2:08:27 PM | 10/09/2018 3:00 PM | 75 | 100% | 86.6% | | OnSchedule | Actions |
| POWERCO_PRINT18 | 00000204 | 00000204_POWERCO-Print2016-Fold_20160209035228-AFP-Fold-EN | 09/07/2018 2:38:19 PM | 09/17/2018 3:00 PM | 75 | 96% | | | Late | Actions |
| POWERCO_PRINT18 | 00000246 | POWERCO_PRINT18_00000246 | 09/13/2018 11:41:50 AM | 09/23/2018 3:00 PM | 75 | 0% | | | Late | Actions |
| POWERCO_PRINT18 | 00000280 | POWERCO_PRINT18_00000280 | 09/18/2018 7:12:37 PM | 09/28/2018 3:00 PM | 75 | 98.6% | | | Late | Actions |
| POWERCO_PRINT18 | 00000284 | POWERCO_PRINT18_00000284 | 09/28/2018 4:35:37 PM | 10/08/2018 3:00 PM | 75 | 0% | | | OnSchedule | Actions |

Color-coded callouts track production in real-time against the specific workflow for each job.



MULTIPLE JOBS



MULTIPLE CLIENTS



MULTIPLE SITES

▶ **See the big picture.**

Capture start and finish times for everything from data transmission, printing, inserting and sorting to file size and SLA status. Historical Job Level Reports create audit trails, recording job specs and events with time and date stamps.

- Complete 360-degree view
- Proof-of-process reporting
- Reusable workflow paths
- Fully integrated job tracking
- SLA management

▶ **Commingle jobs to optimize efficiency.**

Client Job Tracking provides comprehensive tracking and reporting for print and mail operations – even those with highly complex customer communications workflows.

You can now combine different jobs from different clients, and still maintain the detailed, client-specific tracking each client expects.

- Streamline operations and lower overall costs
- Report the status for physical mail and electronic delivery
- Provide proof of processing for any communication

USE CASES



MASTER YOUR SLAS
Alerts, reports and built-in metrics keep you ahead of potential issues.



TRACK BY CLIENT
No matter the complexity, track multiple commingled jobs at the document level.

Get answers—fast.

Look up, view and validate mailpiece details in seconds.

Resolve inquiries instantly – without burdening production staff. Document Lifecycle Tracking puts details at your fingertips for both historic and in-progress communications.

▶ **Instant proof-of-process reporting.**

Search production history over the past year. Easily look up mail pieces by common attributes, such as name, account number and address. With a job-level summary of mailpiece status and disposition, you can:

- Validate proof of mailing
- Research account history
- Review individual mail jobs
- Identify pieces sent to a specific person

▶ **Minimize calls with online access.**

Secure web access facilitates self-service for compliance and customer-facing staff.



► **Get the answers you need right now.**

With just a few keystrokes you can validate whether:

- Mailpieces were correctly assembled
- Manual intervention was required
- The piece was completed on the first manufacturing pass
- Mailpieces were processed through all required steps
- Correct postage was applied

Document Life Cycle/Reports/Mailpiece Tracking

Filters

Mailpiece ID: RecipientAddress2: RecipientAddress3: RecipientAddress1:

RecipientName: Account_Identifier: Mailpiece Id: Mailrun Creation - Time Frame: Start Date/Time:

Mr. David Ratcliffe 1540 User Selected

View

| Mailpiece ID | Account Identifier | Recipient Name | Address | Facility | Status | Disposition | Completion Date/Time | Operator | Action | |
|--------------|--------------------|--------------------|------------------|-----------|-----------|-------------|----------------------|----------|----------|--------|
| 2560 | E0000003 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/20/2018 11:50:34 | Epic | David | Insert |
| 12560 | E0000003 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/29/2018 12:09:45 | Epic | David | Insert |
| 17560 | E0000004 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/27/2018 12:24:58 | Epic | Gary | Insert |
| 22560 | E0000004 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/28/2018 11:41:32 | Epic | Kurt | Insert |
| 2560 | E0000004 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/18/2018 14:40:45 | Epic | Gary | Insert |
| 35060 | E0000004 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/29/2018 12:40:25 | Epic | Kurt | Insert |
| 27560 | E0000004 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/28/2018 09:38:52 | Epic | Engineer | Insert |
| 7560 | E0000004 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | 09/29/2018 14:10:09 | Epic | Kurt | Insert |
| 32560 | E0000004 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | Completed | Good | | | | |
| 22560 | E0000005 | Mr David Ratcliffe | 2337 SEMINOLE ST | KISSIMMEE | | | | | | |

Search and view a mailpiece by recipient attributes, without needing to know any job or production related information.

USE CASES



PROVE YOUR PERFORMANCE

Proof of mailing plus verified disposition and completion dates meet client expectations.



IMPROVE CUSTOMER SERVICE

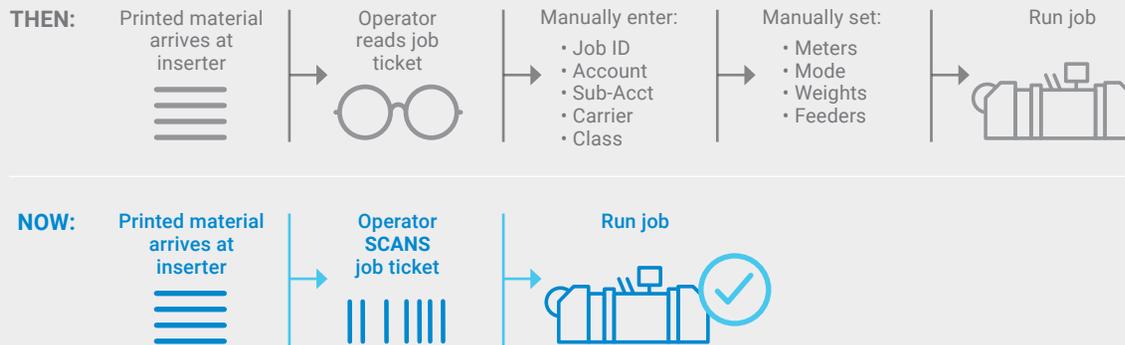
Enables customer service/call center to easily research mailpiece details based on various attributes: name, account number, address, etc.

Automate workflow.

Streamline job set up from print to insertion.

Reduce operator errors, overhead costs and changeover time. Mailrun Management delivers the full benefits of automation, with a seamless, streamlined workflow.

REPLACE DOZENS OF ACTIONS WITH A SINGLE SCAN



| | | |
|------------------------|---|----------------------------|
| Simplified job set | ▶ | Greater productivity |
| One-step process | ▶ | Minimal training |
| Valid job data | ▶ | Accurate reporting |
| Precise meter settings | ▶ | Appropriate postage |
| Right inserter mode | ▶ | Reduced material waste |
| Proper feeder settings | ▶ | Correct mailpiece assembly |

USE CASES



SIMPLIFY JOB SET UP
Pass along information to inserter control systems for accurate, efficient setup.



INCREASE VISIBILITY
Provide guidance to the operator with visual confirmation of inserts/envelopes to run for each job.



ENSURE MAILPIECE INTEGRITY

Manage postage spend.

Monitor, track and distribute funds with confidence.

Easily manage postage-related tasks – without costly production delays. Detailed reporting and management tools make it easy to save time and money.

- Simplify cost accounting and chargebacks
- Calculate total postage dollars with accuracy
- Replenish postage meters automatically
- Generate reports consistently with maximum accuracy
- Eliminate manual reconciliation

Gain real-time visibility into jobs, transactions, operators, inserters, meters and more. Customize and export reports for both in-progress jobs and historical records.

USE CASES



AUTOMATE RECONCILIATION

Eliminate manual recording and automatically reconcile postage spend.



INSTANT REFILLS

Add postage to meters anywhere across your operation.

Master the IMb™

Automate postal documentation for mixed-weight First-Class Mail®.

Generate Full Service IMb™ manifests across any number of jobs, while maintaining workflow flexibility for mixed-weight, split and partial mailings.

- Meet all USPS® requirements
- Maximize postage discounts
- Commingle multiple jobs for efficiency

- ▶ **Allows manifest creation for subsets of a master job, enabling you to mail pallets without waiting for completion of the entire upstream sort job.**
- ▶ **Easily produce a single manifest with on-the-fly pallet tag creation based on completed trays.**



POSTAGE ACCOUNTS
FOR ABOUT

73%

OF PRODUCTION COSTS

Gain momentum with DFWorks.

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

Deploy them across your entire production floor. Our 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. 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.

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