BLUECREST

Equalis Member Offering

March 2021

NOTICE OF CONFIDENTIALITY

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Statement of Capabilities - Catalog for Equalis Group Members

BlueCrest, now an independent company, manufactures and distributes the world's most comprehensive set of hardware and software solutions for; data management, document control and tracking, production printers, mail inserters, mail sorters and parcel sorting solutions with the ability to scale across the size and scope of most government agency, enterprise or agency needs. With the recent acquisition of BCC Software, we have complemented our core portfolio with critical data management capabilities such as Presort and address quality, data quality services and intelligent mailpiece tracking.

We are a US based manufacturing and development company with a global presence. For Equalis Members, it is critical to note that we are headquartered in Danbury, Connecticut with the BCC Software business unit located in Rochester, NY. The BlueCrest organization spans North America with regional sales and service presence. We have a strong US service team with almost 500 highly trained and experienced technicians nationwide.

Innovation and continued product growth are core tenets at BlueCrest. We continue to make significant investment in research and development and have over 2,000 patents associated with BlueCrest products.

BlueCrest has long had a presence in the government vertical with government customers ranging from local municipalities, state and regional government entities, higher educational institutions and Federal government agencies. All of this expertise and relevant solution development will be brought to bear for the members of the Equalis community.

We have been in this market for almost **40** years and are proud of our product innovation and success. Not only do we bring leading edge, scalable technology to the market but we also provide turn-key support services including design, installation and planning and ongoing support if desired. Our engagement process begins with our US regional sales team to understand and define the customer requirements and develop a customized configuration. Our product set is highly modular and customizable to specific customer needs. Based on the initial customer scope requirements, equipment maintenance and service offerings are also attached to each Member's final proposal.

Because BlueCrest's product suite is expansive, we have provided a comprehensive overview of our key products. Our product modularity is also reflected in the accompanying Cost Proposal.

BlueCrest Solutions Overview

The BlueCrest solutions described in this catalog address the end-to-end BlueCrest solutions for creating and managing data delivery process. The process is laid out below and addressed through an integrated set of software and hardware products, the breadth of which is unique to BlueCrest.

Experts in the document preparation, production, and delivery process
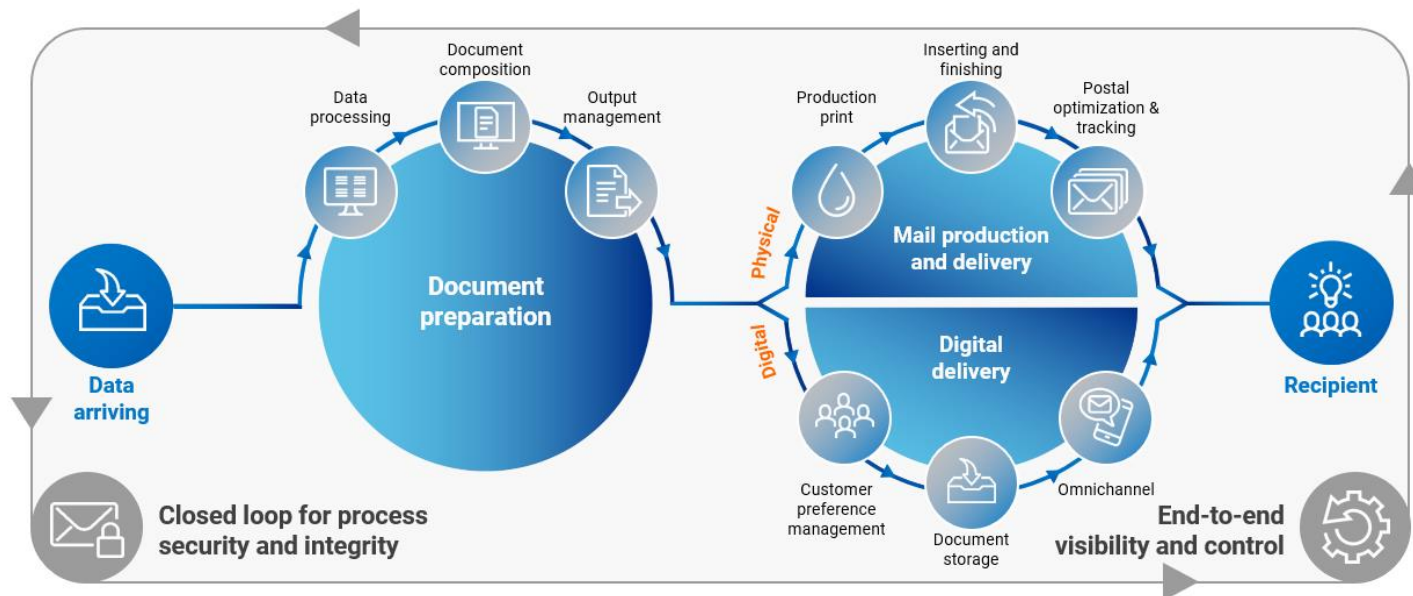
The specific products are mapped out in this diagram and covered at a high level in the section of the BlueCrest response. Specification details are provided as well, enabling a detailed product review.

BlueCrest: The most comprehensive portfolio in the market today

PRINT

NEW EvoluJet® | AcceleJet® | IntelliJet 20® HD with HP Brilliant Inks™ | IntelliJet 42® HD

INSERT

Pulse™ | Evolution | Mailstream Productivity Series | FlowMaster | Epic® Inserting System

LETTER & PARCEL SORT
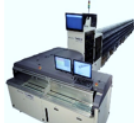
EZ-Flats™ | Vantage™ | VariSort™ | OneSort® | TrueSort™ Prime
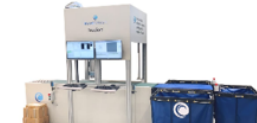
SOFTWARE

Output Manager Output | DFWorks | Address Quality | Mail Tracking | OfficeMail | Clarity/DirectView
NEW Enhancement Visual Editor

GLOBAL SERVICES

Powered by BlueCrest Customer Service and Technical Support

While these products comprehensively address the full scope of securely preparing, producing, and delivering documents to the recipient, BlueCrest has also invested to create specific industry solutions which are advantageous to state and local governments, as well as non-profit enterprises. These solutions are:

- ReliaVote Vote By Mail Solutions– a modular solution set for organizations seeking to create and print ballots and related voting materials, securely mail and track ballots, and enable inbound processing of completed ballots.
- BlueCrest Lockbox Solutions – an inbound mail processing solution for secure tracking and sorting of remittance mail pieces, suitable for agencies with high inbound physical check payment streams.

All of these products are covered by the BlueCrest Global Services Support team with services ranging from basic installation through turnkey implementations, all with ongoing support services.

BlueCrest Digital Solutions: data, insight, and workflow solutions

BlueCrest's suite of software solutions can be absorbed into your current environment in whole or in part. Wherever you are within your operation, from a green field, to working with legacy systems and files, the appropriate elements of the BlueCrest solution can be selected and deployed. Data cleansing, optimizing, editing files such as adding a 2D or IMB barcode, to tracking every piece of data that becomes a piece of mail from host to post and back, BlueCrest has solutions.

The graphic below provides a functional overview of the BlueCrest software product portfolio.

Fine tune workflow to ensure document integrity
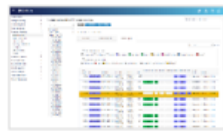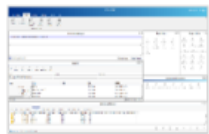
Output Management

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

- Output Manager
- Enterprise Manager
- NEW Output Enhancement Visual Editor
- OfficeMail
- NEW Project (MC3)

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

- Production Workflow
- Document Lifecycle Tracking
- Client Job Tracking
- Mail Run Manager

Improve productivity with data and insight

Clarity solutions

Accelerate results by ensuring maximum output and minimum Downtime. Equipment sensor data helps to predict and address equipment and operator issues before they occur.

- Clarity Advisor
- Clarity Optimizer

DirectView

Improve operational 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.

- DirectView Interface
- DirectView Dashboard
- DirectView Inserter Reporter
- NEW DirectView for Print

Achieve postal compliance and savings

DFWorks

Precise tracking and control of high-volume expenditure. Take maximum advantage of postal discounts.

- Postage Accounting
- Postal Manifesting

Address Quality & Mail Tracking

Ensure delivery and compliance with address quality and mail tracking services.

- NEW Address Quality (CASS, PAVE, NCOA)
- NEW Mail Tracking (IMb tracking)
- SortEngine 360 (NCOA)
- NEW BCC

Print & Mail Workflow - gain additional control and make every aspect of your operation more powerful, more flexible, and more accurate.

- **Output Manager** – Real-time document processing and print stream transformation. Provides organizations the ability to free your document production from the limitations of legacy systems, proprietary vendors and diverse data streams. Any-to-any print stream transformation bringing out the best in existing infrastructures, allowing you to automate and optimize workflow across multiple formats and devices.

- **Enterprise Manager**- Utilizing output manager for multiple sites for workload balancing, disaster recovery support across multi-site, multi-tenant environments resulting in reduced downtime while accelerating output and gaining control for job-level accounting, while encrypting data transmission and security. This product is particularly well suited for government centralized print and mail functions to enable redundancy.

- **Output Enhancement Visual**- Quickly and easily transform and enhance existing print-ready documents while extending the life of your legacy documents. You can update documents using a modern interface for fast execution *without IT resources* or change the underlying legacy business application. Easily re-engineer the print stream with the ability to add application steps such as striping out the address data then cleansing, adding barcodes, such as the intelligent mail barcode, or adding 2D barcode to ensure document production has full integrity end-to-end. Creating a powerful, flexible and secure operation.

- **OfficeMail**- moves desktop produced communications to the security of a centralized mail production environment. This solution is suited for agencies or environments with distributed personnel. This extends the security of a centralized print and mail function to the end user desktop wherever they are located. Given the expansion of distributed personnel given the pandemic working environment, OfficeMail adds security barcodes and creates an audit trail for every mailed piece. Even in an environment where the agency or district may have outsourced mail production, OfficeMail can be utilized to channel distributed work into the outsourced provider – again enhancing security and auditability.

- **DFWorks** is an integrated set of intelligent tools for the Automated Document Factory to manage:
  - Compliance
  - Workflow Control & SLA Attainment
  - Operational Efficiency
  - Postal Optimization
- **DFWorks** functions across multiple process steps to enable auditability and tracking throughout the process.

Integrated Print and Mail tracking and reporting

Composition Information	Output Mgmt Information	Print/Reprint Information	Bindery Information	Inserting Information	Sort/Presort Information	Delivery Information
Job Data	Job, Sheet, Document Data & MRDF	Device/Job Status	Device/Job Status	Mail piece & Content Data, Job/ Device Status	Mailpiece Data & Device Status	Mailpiece Data

Browser Based Report Access

DFWorks

- Shared intelligence across work steps
- Scalable and modular
- Device dependent interfaces

DFWorks Modules can be deployed separately as the functionality is required

- DFWorks Document Lifecycle Tracking Module (DLCT) – this tool gives you easy access to historical mailpiece production and delivery information for proof of process reporting. From in-process to recently mailed or even returned mail with the reason, reporting is flexible, customizable, and gives you the ability to monitor, track, and audit.

- Production Workflow Module - Job and workflow tracking solution for SLA attainment provides a 360-degree view of production processes with multi-step, multi-site job workflow tracking to support SLA attainment and proof of process and your team can **monitor** the specific information they need to help ensure that everything is running smoothly and on time. If there is a processing issue or problem that could put SLAs at risk, customized **alerts** are immediately sent so your staff can

make intelligent adjustments based on priorities and backup procedures. All of your workflow details and information are archived for on-demand and automated report generation, which can be useful to measure SLA attainment over time and to create recommendations for process **improvement**.

- Manage multiple jobs across multiple customer agencies and multiple sites for every automated and manual workflow step.
- Provide job-level reconciliation with time-stamped activity reports for proof of process to verify SLAs and ensure regulatory compliance with information collected for every designated process from start to finish.
- Define and manage SLA attainment at any level – customer, job, or site.
- Identify potential delays and create custom alerts for jobs in queue, in progress, or complete, so your team can take action, where required.
- Flag certain jobs as higher priority to keep track of what is most critical to your business.
- Increase our customer's client retention by providing the ability to view job status via Web accessible graphic displays
- Provide job-level reconciliation for proof of process to verify SLAs and ensure regulatory compliance with information collected for every designated process from start to finish.
- Automatically document the timelines of your jobs and show the results for all processes with time stamped activity reports.

- DFWorks® Mailrun Management Module automates your mail production and provides a streamlined and accountable workflow for both your print and mail runs as well as insert production and management. Working in conjunction with your BlueCrest Direct Connect inserters, job information is entered into DFWorks Mail-run Management—name, chargeback account, postage meter setting, piece weight, images of inserts, outer and inner envelopes images and more. Information becomes viewable in workstations during all steps resulting in:
  - Reduced operator error by automating and simplifying inserter setup
  - Improved reporting accuracy through automated job parameter entry
  - Reduced job changeover time by eliminating operator setup steps
  - Facilitates correct insert loading with image-based operator instructions

- DFWorks Postage Accounting & Funds Management Module provides comprehensive tracking and reporting of postage and shipping expenses utilizing intelligent funds management. Postage accounts for ~73% of the cost of mailing and is a critical focus in cost conscious environments such as government and educational institutions the solution includes the ability to include expenses from integrated postage meters, manifested mail and even integrated shipping systems. This results in the ability to tightly control postage, effectively plan postage costs, and eliminate extensive manual reconciliation.

Clarity™ Optimizer

- BlueCrest Clarity Optimizer Solution helps drive productivity and business outcomes with an intelligent view into your print and mail operation. Clarity Optimizer provides powerful insights and predictive analytics to accelerate results for your business driving maximum output and minimum downtime. Leverage real-time and historical inserter sensor data to help uncover and resolve equipment and operator opportunities onsite. Clarity Optimizer is a cloud-based, secure application that can be accessed virtually from any location so that you can monitor the efficiency of your BlueCrest inserter equipment, applications, and machine operators.
- Clarity Optimizer provides complete transparency across your print and mail operations to drive maximum efficiencies and cost savings. It leverages Microsoft Power BI, for quick, efficient drill downs to understand root causes and address critical issues faster, turning complex data into business insights.
- Clarity Optimizer will help you evaluate current and historical production metrics from a single inserting system to several systems across one or more locations. You can easily monitor and measure results for continuous improvement and easily sort data and use specific metrics that matter most to your operation.

DirectView

Video: https://youtu.be/iUDb8XI6Xas

- Improve your inserting operations success by monitoring your SLAs at a glance, comparing actual performance to plan, understanding reasons why plan goals are not being met, and determining what must be done to increase productivity and meet SLAs.
- DirectView Interface monitors job progress and provides data analytics for immediate corrective action. Operators can see real-time job progress and status displayed on an easy-to-read, color coded interface. Set and track goals to ensure SLA attainment and measure against real-time productivity and efficiency metrics and indicators such as defects and alarms.
- DirectView Dashboard puts detailed inserter workcell insight at your fingertips with real-time production floor progress. Monitor the real-time status of every job, inserter and shift, and intervene to maintain optimal performance and SLA compliance. Leverage the data insight for immediate corrective action and continuous improvement. You can even monitor service requests from the dashboard interface and collect real-time data that can be sent with a personalized message via email.
- DirectView Reporter leverages the data collected from the inserting systems to enable operations to measure and manage the root cause of productivity losses. With the ability to accurately track machine stops, operator stops, idle time, setup time and unscheduled downtime, operations will have an accurate representation of their true operational efficiencies. Continuous improvement initiatives can then be focused on reducing production losses and increasing runtime and asset utilization.

- Address Quality Solutions Reduce undeliverable mail for improved operational performance and cost savings by making sure every mailpiece gets delivered to the right person with our address hygiene solutions. Your business will maintain USPS compliance and qualify for the maximum postal discounts. About 40 million Americans move each year making it a challenge to keep addresses

current. As part of an integrated, end-to-end solution, you can easily make updates and corrections to mailing addresses to ensure every communication your print and mail gets delivered correctly.

- Coding Accuracy Support System (CASS™) corrects ZIP™ and delivery point codes to maintain USPS postal compliance
- National Change of Address (NCOA[LINK®]) securely tracks Change of Address (COA) on file with the USPS and keeps you Move Update compliant
- Qualify for maximum postal discounts and avoid compliance issues
- Minimize returned and Undeliverable-As-Addresses (UAA) mail pieces
- Implement address hygiene upstream and avoid costly reprint and postage

- Mail Tracking Solutions enable the generation of a full service IMb for enhanced, unique mail piece tracking through the USPS.

BlueCrest production print solutions overview

BlueCrest entered the production print marketplace with the strategic objective of becoming a vertically integrated print and mail solutions provider for our customers. While understand that many organizations have multiple suppliers at different stages of their print and mail operation (e.g., print, insertion, software, sortation/ presorting as well as service and supplies), we believe this can result in inefficiencies, higher costs, and islands of automation.

At BlueCrest, we understand your print, mail needs, and can help Equalis members by:

Understanding your operational efficiencies: We implement and execute into your operation with an integrated approach and in-depth understanding of how other process and systems must function, whereas other vendors may participate without the knowledge of other print and mail processes or inputs. For example, when you invest in high-speed production inkjet printing systems, the resulting increase in operational productivity can be limited by downstream mail finishing capacity, creating a bottleneck. As a leader in transactional print and mail, we consider the end-to-end workflow and impact across your operation. We know how to maximize each point of production, which will yield the maximum operational efficiencies across your operation.

Discount savings: A proportionate savings can be recognized by consuming goods and services ("G&S") from a single vendor, since the cost of doing so is likely less than that of consuming each G&S separately. For example, businesses who purchase both printing and inserting systems from a single provider can benefit from consolidated service and technical support across all platforms. Consider a customer whose operation has SLA requirements that demand on-site support for their printing systems and inserting systems. Typically, this would require a service contract and on-site representative from each provider; one for the inserting system(s) support and one for the printing systems(s) support. By working with a single vendor—for print, inserting and service—there is an opportunity for cost savings leveraging a single service contract and on-site resource. Additionally, working with a single provider can result faster and more efficient integration time helping earn a return on your investment much more quickly.

Supplier risk management: Operation managers understand how dependent they become when they rely on a diverse group of suppliers in order to achieve business objectives. Having one supplier with industry-proven, leading capabilities that can fulfill their obligations

fundamentally eliminates this threat. Single-supplier expertise also means clear accountability, with one partner who can help you solve challenges at every step in the end-to-end print and mail process.

Service support: Transactional and personalized communications print and mail production is complex, and the risk and cost of mistakes or missing SLA's can be high. From installation and repair to preventive maintenance and asset redeployment, BlueCrest Global Services provide a single point of accountability. With over 900 certified customer service representatives boasting proven skills and experience, our support goes beyond exceptional…it is unrivaled in the industry. We take a proactive approach to preventive maintenance through remote diagnostics and monitoring as well as Industrial Internet support. Using advanced maintenance scheduling, machine production can increase as much as 23%. Having single-source providers can reduce overall operational costs by up to 14%, and vendors with overall accountability reduces management cost and time by 17%. Our flexible service programs are designed to meet our customers' needs. On-site, on-call, or on-line, BlueCrest Global Services enhances service delivery to meet our customers' ever-changing requirements.

BlueCrest Production Print Solutions

Evolujet Printer™

Web page:	https://www.bluecrestinc.com/products/printers/evolujet/

Video:	https://youtu.be/Y_PltlwTj1I

This is an inkjet printer built for entry to inkjet printing with volumes under 1.5 million print impressions per month.

The EvoluJet™ printing system delivers the productivity, flexibility, and reliability you demand in your print and mail environment from a *four-color, cut-sheet printer*. Featuring proven inkjet technology from Kyocera, you will achieve outstanding print output from a system that is easy to operate with proven integration and support from BlueCrest. Whether you are looking to replace toner systems or add a more effective platform for shorter runs and reprints, the EvoluJet will deliver a strong return on investment.

There are three variations on the configuration available in the EvoluJet printer:

EvoluJet with a single cut-sheet vacuum feeder and single output stacker configuration

EvoluJet with a single cut-sheet vacuum feeder and dual output stacker configuration

EvoluJet with a dual cut-sheet vacuum feeder and dual output stacker configuration

Enabling customers with a powerful combination of high productivity and flexibility in a full-color, cut-sheet, production inkjet printer. Based on the Kyocera TASKalpha Pro 15000c, the EvoluJet printing system is a cost-effective alternative to toner systems.

- Proven print heads and inkjet technology ensure outstanding print output in color or monochrome.
- Ideal for mission-critical applications including bills, statements, customer communications, and voting ballots.
- Low acquisition and operating costs make it an ideal solution for monthly print volumes from 250,000 to 1,500,000 impressions per month.
- Print up to 146 letter-sized [150 A4] impressions per minute.
- High-capacity feeders and output stackers provide 10,000 sheet capacity to deliver over 2-hours of continuous operation.
- Non-stop performance made possible with high-volume ink capacity and the ability to load and unload paper while printing.
- Supports a wide range of media handling up to 360 gsm weight and standard sheet sizes up to 12" x 18".
- Process pre-printed forms as well as 100% variable data color print as part of a White Paper Factory.

AcceleJet ™   Full Color Inkjet Printing and Finishing System
Web page: https://www.bluecrestinc.com/products/printers/accelejet-printing-and-finishing-system

Video: https://youtu.be/iP0nP9uOiOQ

For jobs that consist of forms printed in one area with color, and variable information added in a two-step process, the AcceleJet is a game changer! The AcceleJet printing and finishing system is designed to help mid-sized print and mail operations realize the operational performance and business improvements that come with upgrading to color inkjet. With the capabilities of a white paper factory solution, you can transform plain white rolls of paper into a colorful, personalized communication, *at a lower cost per piece*. With the AcceleJet, your organization can:

- Gain productivity starting every job from rolls of white paper.

- Eliminate the need to warehouse pre-printed paper forms.
- Move from monochrome to 100% variable, full color output.
- Create communications that deliver greater business impact by adding personalized content and offers.
- Implement changes or make updates to applications faster than using pre-printed paper forms.
- Produce cut sheet output optimized for processing on BlueCrest inserting systems.

The AcceleJet system delivers two to five times more throughput as the fastest small-format inkjet printing system available on the market today. Its built-in flexibility is designed to help you achieve your operational goals. The variable print modes enable you to fine-tune production output, so you can produce demanding color quality output or higher throughput. The standard inline finishing features a breadth of capabilities including dynamic cross perforation, linear perforation, automated job separation and servo-controlled precision cutting.

Get greater productivity, flexibility, and a competitive advantage with variable print modes:

- Productivity Mode: Gives you the top speed you need to meet job requirements. Prints at up to 328 feet per minute for 716 letter impressions per minute. Available as an option.
- Performance Mode: Provides an effective balance of print speed and quality. Prints at 246 feet per minute for 536 letter impressions per minute.
- Quality Mode: Provides wider color range and vibrancy to create high impact messaging. Prints at speeds of up to 164 feet per minute for 358 letter impressions per minute.

Greater throughput and registration accuracy with precision paper handling and data management.
- Streamline processes and reduce job set-up times
- A single roll of material can provide up to 1.7 hours of continuous run time in Performance Mode.
- Get up to 50,000 impressions from a single roll of material.
- Produce over 240,000 impressions per shift.
- Offer additional capabilities including optional full-bleed capability.
- Higher throughput with large capacity vertical stacker or optional offset stacker allows for continuous operation.

The IntelliJet 20® HD Printing And Finishing System.

Web page: https://www.bluecrestinc.com/products/printers/intellijet-print-solution/

Video: https://youtu.be/CStZ48kxXks

The IntelliJet printing systems provides productivity and flexibility for higher volume operations. With the ability to print applications including critical communications, postcards and full gloss brochures, the IntelliJet20 is the reliable workhorse that produces high quality output. Create transactional statements/invoices and target client mailings that are compelling, targeted, and accurate using 100 percent variable data color print. You can add cross-sell offers, full-color graphics, and clear payment details on every document.

Produce high-impact variable communications with accuracy and precision.

- Process and transform all common Page Description Languages (PDLs) including AFP, Postscript and PDF
- Migrate and merge your existing applications
- Produce financial documents with secure, in-line MICR printing (optional)
- Optimize output for high-speed inserting and mailing

The IntelliJet crisp, high-quality output rivals offset printing, with leading inkjet technology and pigment inks that provide a wide color gamut and durable output across a variety of substrates.

- Produces high impact communications with up to 2400 nozzles per inch native resolution with High Definition Nozzle Architecture

- Nozzle redundancy maintains high print quality throughout long print runs
- True black ink provides superior optical density
- Durable output stands up to folding and inserting with no loss of quality

The benchmark of production inkjet quality: HDNA

High Definition Nozzle Architecture (HDNA) is the award-winning inkjet printhead technology from our partner HP. By delivering up to 2400 nozzles per inch native resolution and providing support for dual drop weight per color, this printhead technology provides industry-leading print quality and performance for the BlueCrest IntelliJet 20 HD printing system family. Flexible print modes allow you to process fast to meet SLAs or in highest quality to expand your range of applications. These modes are detailed below for clarity.

Quality Mode: Outstanding print output

Enjoy best-in-class print quality with to deliver image detail like never before with inkjet, resulting in a print output that is ideal for demanding transactional applications and more. Quality mode offers smoother transitions and color fills, enhanced shadow details, and more even skin tones.

- Up to 2400 nozzles per inch allow precise dot placement as well as redundancy to avoid white lines along the web.
- Dual drop weight allows smooth gradations and virtually grain-free images.
- Color Calibration and Quick Vision help monitor and maintain print quality throughout the run.
- Smoother color transitions with up to 7 levels of half-toning per color

Process color critical jobs that produce outstanding images on bills and statements, at up to 250 feet (76 meters) per minute.

Performance HDK Mode: Unprecedented print quality, productivity & flexibility

Get higher quality output at a faster print speed. Performance HDK Mode leverages the dual drop weight of the HDNA technology in black to enhance image grain and shadow

detail. You'll gain greater control over operating expenses printing at faster speeds with higher quality output.

- Single drop weight in color using 1200 nozzles per inch native resolution.
- Dual drop weight in mono using 2400 nozzles per inch native resolution.
- Printing up to 152 meters per minute, both in mono and in color.

Performance HDK Mode allows you to meet tight production windows for even demanding color print jobs.

Performance Mode: Gain productivity

Take on more jobs and still meet extremely tight SLAs, taking advantage of faster speeds of up to 500 feet (152 meters) per minute in mono and color in Performance Mode using 1200 nozzles per inch native resolution.

- Single drop weight reaching up to 152 meters per minute, both in mono and in color.
- Industry-leading nozzle redundancy (8x black, 4x color) maintains print quality throughout long runs

Performance Mode allows you to meet short production windows or increase capacity at peak times thanks to faster color print speeds made possible by HDNA technology.

BlueCrest intelligent mail inserting

The predominance of mail in the United States is produced using BlueCrest inserting equipment. Our solutions scale from low volume producers with simple business application requirements up through the most complex solutions required by major mail production service bureaus. Government and educational institutions have very specific requirements for security and potentially tracking of the mail pieces and/or ballot through the production process and into the mail stream. BlueCrest high integrity solutions address these requirements at all customer production levels.

BlueCrest solutions are modular with the ability to change and add components to your system based on specific application needs. This modularity affords investment protection by enabling our customers to leverage funding over time to enhance the capability of their production facilities.

Examples of modularity and flexibility include:

- Inputs which can be sheet fed, continuous feed (via a roll input) or even no input at all with the ability to cycle at different speeds.
- The inserter chassis can be fitted with different style feeders complimented with cameras for one to one matching.
- Outputs are designed for both letters and flats, with the ability to add a postage meter, in line inkjet printing for the reply envelope or the outer envelope.
- Card attaching units suitable for DMV or other card applications,
- Booklet stitching a booklet,
- Metering, applying a live stamp, to a mailpiece

BlueCrest systems are built to meet many unique needs of today while protecting your investment with retrofit options for the future.

High integrity processing – Critical in today's world

The Direct Connect operating system and Precision Inserter Control is the foundation of our security and monitoring controls.

The Direct Connect operating system provides essential integrity and flexibility features and ensures precision material control for simple and complex mail processing.

Direct Connect provides:

- Interactive, automated application setup and job management
- End to end integrated subsystem control and monitoring, with built-in diagnostics
- Multiple language support for operators
- Master Track Chassis Tracking is an integrated system control consisting of hardware and software elements that ensure mail pieces are tracked uniformly from start to finish. It provides the following benefits:
  - More than just "jam detect" photocells
  - Monitors exact paper motion
  - Knows where every piece of paper should be, and when it should (or should not) be there
  - Leading-edge to trailing-edge timing actually measures page and collation length
  - Improved ability to detect many potential problems before machine jams:
    - Missing or mutilated insert
    - Missing or mutilated collation
    - Improper fold
    - Skewed collation

The BlueCrest Inserting Portfolio

Runs the full range from entry level low volume customers, such as smaller government agencies with cyclical or limited mailing requirements, to large complex government agencies with significant production such as centralized processing offices or revenue generating such as DMV and Finance. Increase mailpiece effectiveness by printing high quality, variable, full color text and images on envelopes, including business reply envelopes, inline with your mail inserter. Improve operational efficiency by eliminating preprinted envelopes, reducing storage needs, streamlining application changeover, and commingling mail. Make your mail work for you by increasing response rates with color text and graphics while adding a unique Intelligent Mail Barcode for complete end to end tracking in the mail stream.

An overview of each product is provided below. BlueCrest will work individually with each Equalis Member to determine the appropriate product based on a number of factors which include:
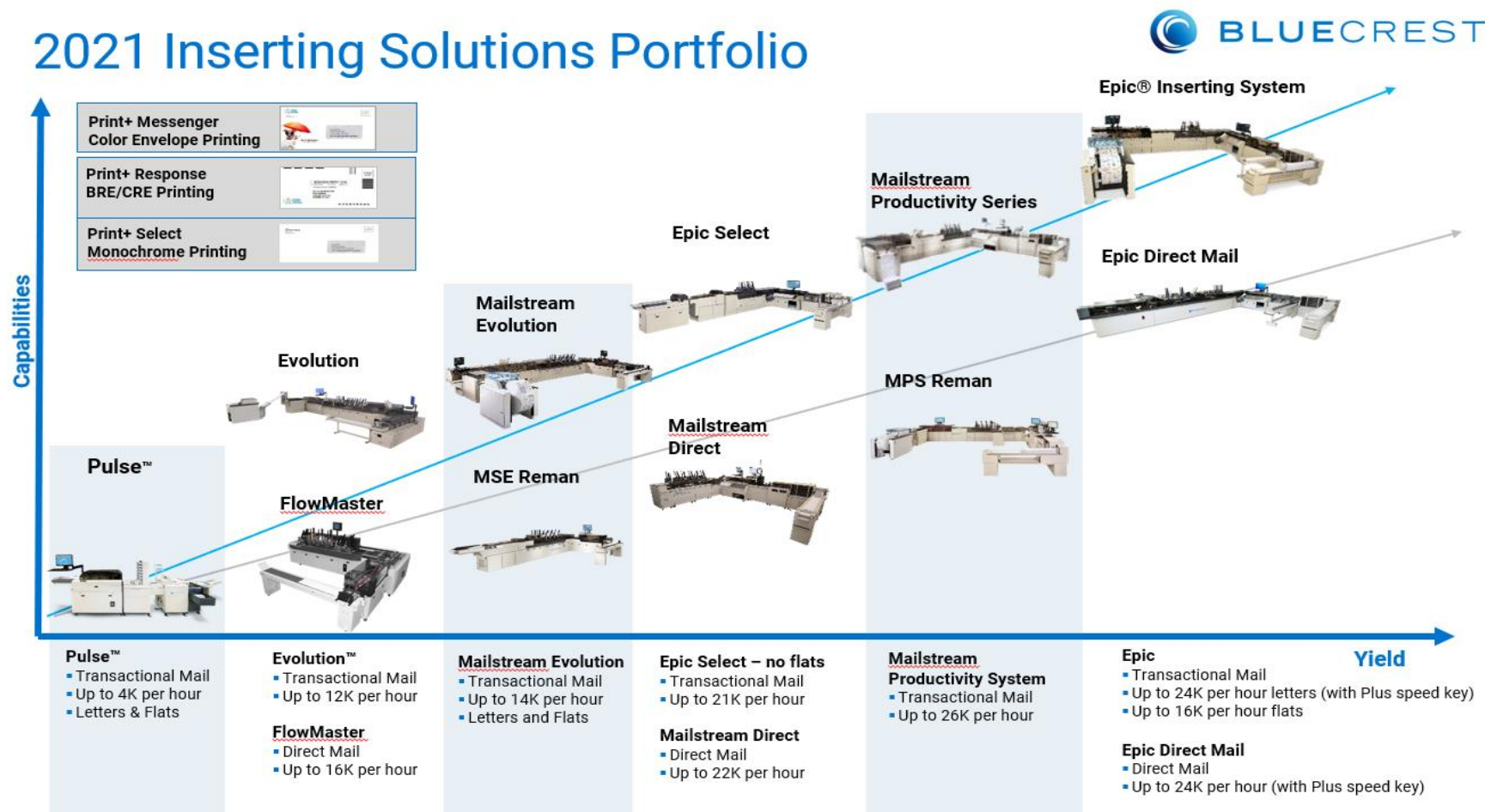
Epic™ Inserting Solution
High Speed, High Volume, Letters and Flats, automated changeover system

Web page: https://www.bluecrestinc.com/products/inserters/epic-inserting-solution/
Video: https://youtu.be/HyCQdVgTMfE

The high speed, letters, and flats processing Epic Inserting Solution enables Equalis Members to increase operational productivity and lower cost of ownership to remain cost competitive while providing expanded processing capabilities to meet future capability requirements.

The innovative Epic Inserting System builds on proven platforms – combining our high productivity inputs, precision motion control and integrity tracking software with high speed, multi-format capabilities to provide mailers with a low-risk option to:

- Handle shorter runs more profitably
- Use automated steps to slash changeovers
- Switch quickly and easily between letters and flats
- Reduce labor costs while raising operator productivity
- Book greater yields and operational performance
- Simplify and manage capacity planning

This high speed, multi-format solution cost effectively processes complex valuable mail with demonstrated integrity and high yield to simplify capacity planning, increase operational productivity and lower total cost of ownership. High or low volume projects, when you need very flexible system that can consolidate workcells and produce mail fast, the Epic is a great solution.

Mailstream Productivity Series™ (MPS)
High speed, high volume letter system

Web page: https://www.bluecrestinc.com/products/inserters/mailstream-productivity-series/

The BlueCrest Mailstream Productivity Series is an industry leading family of ultra-high-speed mail inserters. Its intelligent mail finishing systems redefines non-stop performance, running up to 26,000 mail pieces per hour with greater flexibility and integrity. The MPS will run 6x9 envelopes at 22,000 mail pieces per hour. Long runs such as tax bills, and state, county, or city mailings. When you have a lot of the same pieces that you need to get out the door quickly, the MPS can save the day.

- Handles long runs with standard material profitably
- High yields in short time frames
- Increase capacity of your operation

Evolution™ Inserting System

Handle simple to complex applications easily and accurately.
Web page: https://www.bluecrestinc.com/products/inserters/evolution-inserting-system

Video: https://youtu.be/-DtUfbl9-9M

The Evolution processes letters and flats and is ideal for both mid and high-volume mailers who run high page count jobs, short-run jobs or need extra capacity during peak times, without sacrificing accuracy or integrity. The system is configurable to meet the needs of a government mailer, and offers a range of input, feeder and output options. Processing number 10 envelopes at 12,000 cycles per hour, 6x9 envelopes at 10,000 CPH and flats at 8,000 CPH.

- Scalable platform allows you to buy what you need today and add capabilities as your requirements evolve.
- When work changes often job setups and changeovers become repeatable and accurate
- The ergonomic configuration of the system provides the operator a smart, efficient workcell, with an increased mail piece output per square foot, allowing mailers to achieve higher SLAs.

Mailstream Evolution (MSE)

A versatile multi-format inserting platform capable of handling complex and custom applications.
Web page: https://www.bluecrestinc.com/products/inserters/mailstream-evolution

Increasingly print and mail providers are pressured to manage the impact of declining volumes, rising postal costs and increasing consolidation while fluctuating market demands are making it more difficult to forecast projected mail volumes and application profiles. Increased competition is driving investments in production platforms that not only allow the processing of multi-format jobs but ensure the highest levels of processing integrity while achieving aggressive turnaround times.

- Process simple and complex runs more profitably
- Reduce labor costs while raising operator productivity
- Achieve greater yields and operational performance

Rival™ Inserter

An easy-to-use, compact, multi-format inserter for low-volume mailers, or mailers needing extra capacity on higher speed systems.

Web page: https://www.bluecrestinc.com/products/inserters/rival/
Video: https://youtu.be/h_yoYRpBFpI

The Rival Productivity System delivers high performance capabilities in a small footprint design to help mail operations optimize the processing of letter and flat applications.   Built on the best in class, proven BC Productivity Series mail finishing systems, this mail finishing solution provides a dependable, flexible, easy to use platform to meets your processing needs.

The Pulse® Inserting system

Low speed, low volume, unique work such as booklets or hand insertion, great for reprints and short runs

Web page: https://www.bluecrestinc.com/products/inserters/pulse/
Video: https://youtu.be/Zeb93jZkU9c

The Pulse inserting system is a compact, multi-format platform ideal for short-run mailers who run many small jobs daily. Designed to deliver increased operational efficiency and greater flexibility at a reduced cost, the Pulse optimizes short-run processing while still supporting a variety of jobs. Its automated set-up and easy-to-use features save time and money on any short-run application.

Jobs paired to the right machines lead to better ROI and greater operational efficiency. The Pulse handles small- to medium-size mail jobs, including booklets, letters, and even large format flats, with the same accuracy and piece level tracking of a high-volume system, all at a fraction of the cost. The Pulse helps direct mail and transactional mailers reduce reliance on manual work, decreasing labor costs, and providing measurable ROI in less than a year.

Inserter Innovations:
Flexible platforms meet all your business needs

Process more application types | Get a stronger ROI | Reduce operating costs

DM Infinity V2
- New, high-speed, high-volume inline meter base
- Operates at speeds up to 26,000 cycles per hour
- Approved by the U.S.P.S

Business Reply Envelope Printer
- Ideal for dual side envelope printing
- Prints variable information and IMb tracking on envelope

Outer envelope printing with PDF Workflow
- More functionality for existing document creation software that can support both CMYK and PDF
- Print full color envelope printing software, compatible with the Print+ Messenger

Card Attaching –
- Multiple workflows available
- Eliminates off-line processes and consolidates workcells
- Meets requirements of both direct and transactional markets

BlueCrest innovations captured in the above diagram are representative of the modular capabilities which can be added to an inserting platform. This modularity in configuration allows cost conscious State, Local and Education customers to invest in a base platform with the ability to expand capabilities as requirements develop over time.

The DM Infinity V2 is the latest meter base for the Pitney Bowes Infinity Meter. It operates at speeds of up to 26,000 cycles per hour, as fast as the fastest BlueCrest inserter, enabling real time application of postage.

The Business Reply Envelope (BRE) printer enables customization of a response envelope to be included in the mailing. This can be utilized as part of a remittance process, for registration or forms return, as part of a sophisticated Vote By Mail deployment enabling tracking of an inbound completed ballot or many other uses.

The Print+ Messenger allows real time color printing on the outbound envelope for customization, messaging or mail piece tracking.

The Card attaching solution can be used for numerous purposes such as Motor Vehicle License distribution, prepaid card distribution for customers eligible for funding stipends, identity cards or many other potential use cases.

The most expensive part of any mailing is the postage. Utilizing work-sharing programs with the USPS by presenting your mail trayed up by zip codes with the proper paperwork can reduce your postage up to 30%. Different classes of mail and utilizing USPS incentives such as Informed Delivery, a service from the USPS that sends an email with a unique URL to the recipients home along with your physical mail, can reduce your postage even more.

Getting high volumes of all types and sizes of mail sorted — on time and cost-effectively — requires an ideal combination of processes and technology. The Vantage and Varisort solutions offer industry leading technology including piece-level tracking, double mailpiece detection and best-in-class OCR technology to help you automate more, saving time and lowing costs.

Letters and Flats Sortation Portfolio- great way to reduce hard dollar postage costs

Sort more types of mail faster for cost and operational savings
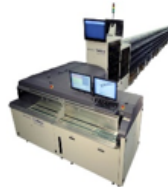
Vantage™ Sorting Solution

- Sorts letters outgoing or incoming applications
- Highest productivity sorting up to 50K per hour
- Modular design can include OCR, WABCR and scale
- Global market application interfaces
- Vote-by-Mail ReliaVote Platform

Vantage™ Mixed Mail Stacker

- Sorts more types of mail on a single platform
- Gain productivity sorting letter 50K per hour and flats up to 36K per hour
- Process postcards, letters and flats up to 10mm
- Modular design can include OCR, WABCR and scale
- Vote-by-Mail ReliaVote Platform

VariSort™ Sorting Solution

- Sorts wide mail spectrum up to 8K per hour at 50mm
- Modular design can include OCR, WABCR, scale, labeler
- China Mail processing capability
- Process polywrap, misshapen pieces, small parcels

SortEngine® 360

APPLICATION   DATA MODULES   SECURITY & CONTROL

INTERFACE   DATA MANAGEMENT

Powered by SortEngine™ 360 Software
- **Applications:** Postal Software platform for multiple applications
- **Interface** & connectivity to various client back-ends
- **Data Modules** capable to OCR, Scheme, multi-site system and site connection
- **Data Management** features address learning system and flexible sw for business rules
- **Safety and Control** for encrypted data communication, system health coms and GDPR adherence

BlueCrest Sorting Solutions

The Vantage™ with FlexLine Stacker Technology

https://www.bluecrestinc.com/products/sorters/vantage-sorting-solution/

BlueCrest sorting systems are modular, flexible, and customizable for processes such as outbound processing for postage savings sortation, to in-bound sorting for building distribution, lockbox, surveys or census type mailings. Leveraging our SortEngine™ 360 software, the Vantage Sorter combines speed, flexibility intelligence and durability to achieve consistent overall throughput.

Benefits

- Sort mail fast with a platform capable of running 50,000 pieces per hour
- Meet strict submission requirements by tracking individual mail pieces all the way to each pocket with exclusive positive piece-level tracking
- Eliminate the possibility of doubles with a mail double detection device featuring integrated optical view
- Capitalize on mail processing efficiency and revenue generation with enhanced read capability via best-in-class OCR technology
- Avoid incremental labor for reprocessing un-readable mail.

The Vantage™ with Mixed Mail Stacker Technology

The Mixed Mail Stacker (MMS) feature for the Vantage™ product line is the latest enhancement to the BlueCrest flagship sorting solution. The mixed mail stacking technology enables the processing of thicker mail and a range of sizes *from postcards to business flats*. Flexibility, as well as readability and system uptime, is key to increased productivity, efficiency and cost savings.

Benefits

- The Vantage™ MMS is flexible, modular and easy to operate
- Sorts a variety of mail characteristics, from simple to complex letters and flats
- Provides customers the ability to configure sorting solutions based on mail volume and space availability
- Offers production integrity, optimum work-flow management and ease of operability
- Maximizes operational throughput without having the need for multiple islands of technology

We have extensive experience in sorting letters, flats, small parcels, large parcels, inbound or outbound, measurement capture, customized carrier rate shopping, and many manual steps that are typically performed along the way, can be automated with full audit and reporting. Business cases to reduce labor and create a reliable updated system become easy to write.

Parcel Sortation Portfolio
Parcel and data capture solutions for evolving e-Commerce business needs

OneSort® Prime

- Basic work desk solution to help manage growing parcel volume
- Sorts up to 1,000 pph eliminating manual sorting
- WABCR
- Push Data via API
- Certified Dimension
- Optional Certified Scale
- Optional Labeling

OneSort® Pro

- Full featured solution for growing volumes of parcels
- Sorts up to 1,000 pph
- OCR & WABCR
- Push Data via API
- Certified Dimension and scale
- Labeling
- Adjustable work table
- Integrated with mail piece tracking

TrueSort™ Prime

- Sort up to 3000 pph
- OCR to record address
- Capture dimensions
- Scale records weight
- Semi-Auto operation
- Process multiple Parcel class types
- Sort to tray or stack
- LAUNCHING IN Q2
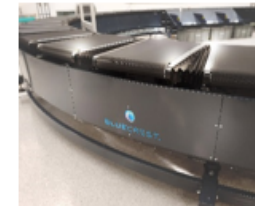
TrueSort™ Pro

- Fully Automated Parcel Sorter solutions up to 24,000pph
- Bomb Bay
- Cross Belt
- Integrated Dimension Weigh Scan System(S)
- Configurable to client applications

SortEngine 360

Powered by SortEngine™ 360 Software
- **Applications:** Postal Software platform for multiple applications
- **Interface** & connectivity to various client back-ends
- **Data Modules** capable to OCR, Scheme, multi-site system and site connection
- **Data Management** features address learning system and flexible sw for business rules
- **Safety and Control** for encrypted data communication, system health coms and GDPR adherence

BlueCrest Leading Service and Maintenance Options

BlueCrest Global Service

Our service organization is the world's most trusted advisor to print and mail operations. We remain on the cutting edge of technology innovation and have a suite of solutions that extends across the full end-to-end document lifecycle as well as the world's leading data analytics platforms. Our service technicians and support specialists offer an unmatched level of consultative and collaborative support. Our flexible service level agreements are designed to provide operations of any size with the most comprehensive coverage and support. We offer a range of engagement options for customers who are either looking for the right fit or for a single point of service contact. At BlueCrest, we have the most experienced technicians and specialists in the industry to help you improve productivity, increase ROI, eliminate potential risks and meet the most demanding SLAs.

Solution Engineering

Improve and grow by optimizing your technology, people and processes. Every business is unique and has an opportunity to improve. Our expert solutions engineers will work with you to define your business challenges, analyze your end-to-end workflow and identify key areas of improvement that can deliver a positive outcome for your operation. We support you in generating value from your investments, faster, and ensure you are utilizing your production environment to its fullest potential. The BlueCrest Solution Engineering team change the way businesses think about the value of their mail operations. A Solution Engineering engagement is an ideal opportunity for businesses that want to document their workflows for the first time, or those that want to find gaps in their end-to-end processes. We help you achieve higher throughput to consistently surpass customer SLAs, lower production costs to run a more efficient operation, or develop operator training and workflow processes to deliver consistently strong results.

Training & Education

Businesses run smoother when operators are properly trained. Our training, coaching, and mentorship is designed to help your team master the operational and implementation skills needed to receive the greatest return on your investment. We offer a range of world class training and education programs, at a variety of different levels to increase operator and machine productivity. Properly trained operators have higher machine run-times, strive for continuous improvement, have a greater impact on your business, and stay longer.

Protect

In today's world, protecting your current investments is critical to the success of your business. Help make sure your critical production assets are safe from security vulnerability with our BlueCrest Protect offering. If you have BlueCrest-supplied inserters, workstations, and servers, the Protect offering is one you will want to consider. BlueCrest Protect is an annual subscription for active BlueCrest customers to deliver specific qualified & approved security software patching. Get regular updates, emergency updates, report outs on applied updates, and most important – peace of mind that your assets are protected from the unexpected.

Best of Class solutions by application samples

Vote-by-Mail Introduction

Vote-by-Mail and absentee ballots volumes reached historic levels during the 2020 general election, and elections officials had to grapple with the unprecedented challenges that this exponential increase created. At times, the only answer was through massive increases in manual labor processing and corresponding cost to accommodate the increase given the relatively short response window. However, technology solutions are available to enable elections organizations to respond to what is expected to be a continuing increase in the demand for Vote by Mail / Absentee ballot requirements with the highest levels of security and tracking.

For over 16 years, BlueCrest has been helping election officials process ballots by mail securely and accurately. Our Relia-Vote ™ solutions improve the end-to-end print and mail workflow using proven technology and process automation. BlueCrest solutions enable officials to maintain integrity and security throughout the mail ballot process, to help ensure the right ballot is going to the right voter, as well as completed ballots returned properly. Election organizations can improve ballot security, integrity, and accuracy by leveraging a one-to-one ballot preparation process to ensure integrity and provide an audit trail. It is imperative that these solutions securely interface with local Voter Registration Systems. With this preparation in place an election organization can then drive production automation and accuracy of ballot production leveraging BlueCrest high integrity file-based processing. By assigning and leveraging the USPS® Intelligent Mail barcode (IMb) to enable chain-of custody and tracking of mail ballot delivery and completed ballots returned, provides for greater security and transparency. Ultimately this security and data-based tracking improves the voter experience, voter participation, and reporting. The ability to update the Voter Registration System allows municipalities to indicate the ballot was received to avoid any duplication and the risk of potential fraud. Leveraging standard USPS capabilities allows jurisdictions to perform address quality enhancements include CASS, PAVE and report discrepancies including tracking and reporting mailing exceptions such as undeliverable or forwarded mail. BlueCrest provides these integrated solutions for end to end Ballot production and processing through a series of products which can be deployed separately for discrete functionality or as a complete highly secure solution set.

Relia-Vote™ Solution Overview
Web page: https://www.bluecrestinc.com/solutions/vote-by-mail-relia-vote/
Video: https://youtu.be/Zk--7V4ghic

- Relia-Vote™ Ballot Management Software:

- Ballot Printing: (IntelliJet20 Full Color Printer, Accelejet and EvoluJet) Continuous Roll Feed or Cut Sheet ballot printing and sample booklet printing capability.

- File Prep Software: absorb voter files to prepare for the first step of automating the outbound mail ballot process and achieving USPS postal discounts and tracking.

- Inserting Systems (Evolution, MPS, MSE Inserters): Validate ballot type, assemble, insert, content verification, personalize, final verification and complete mail ballot packets with high integrity closed loop processing.

- Sorting Systems (Vantage 24K & Vantage 50K sorters): Outbound mail ballot validation, imaging, USPS sorting for postal discounts - and inbound mail ballot validation, imaging, signature verification, auditing, opening and sorting.

Relia-Vote™ Ballot Management Software

Relia-Vote Ballot Management software is designed to provide election officials with a secure and effective way to prepare high volumes of ballot mailing, monitoring, and tracking ballots to voters, and validate and record receipt of the completed ballot. Relia-Vote™ Ballot Management Software enables one-to-one ballot validation by integrating all these critical processes for mail ballot management including ballot preparation, assembly, delivery, authentication, and reporting. The result is greater data accuracy, assembly integrity, chain-of-custody/visibility, ballot verification and reporting back to the Voter Registration Database. This software - configurable as a cloud-based software solution or installed on-premise - can help make every aspect of your mail ballot operation more powerful, flexible, and accurate no matter how many ballots you process. And, it can be easily deployed remotely.

Relia-Vote™ Inserting Systems

Relia-Vote High Speed MPS Full Circle Tracking Mail Ballot Inserting System
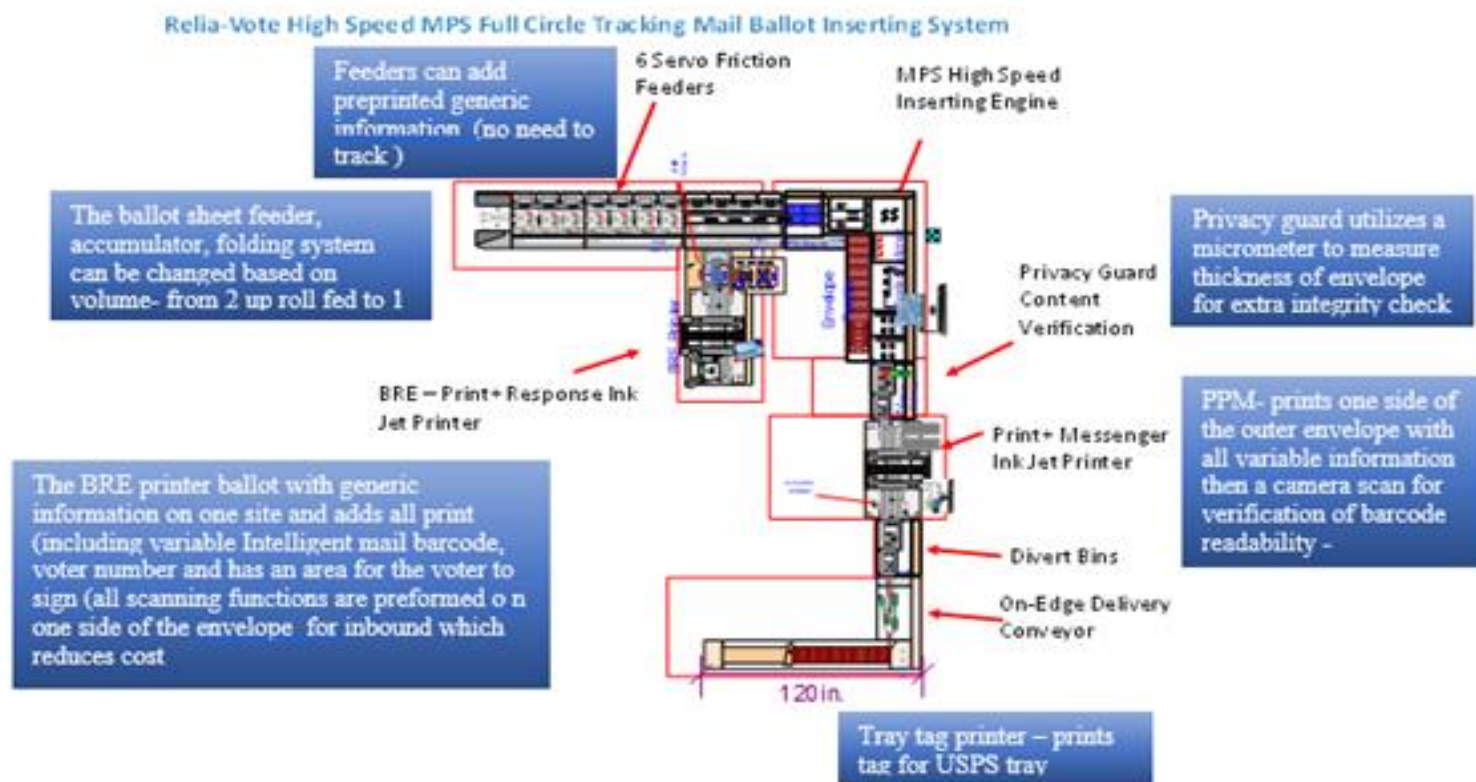
Relia-Vote Sorting Systems

The BlueCrest Vantage Inbound/Outbound Mail Ballot Sorting solution provides ballot validation, signature presence, sorting, time/date stamp and envelope opening – all on one streamlined scalable system. BlueCrest Business Logic Processing and SortEngine 360™ software power the Vantage mail sorting system. Featuring FlexLine™ stackers, the system combines speed, intelligence and endurance.

The Vantage

Automate mail sorting with greater throughput

Web page: https://www.bluecrestinc.com/products/sorters/vantage-sorting-solution/

Video: https://www.youtube.com/watch?v=dCP9zgHGjZ8&t=15s

The Vantage sorting solution provides the highest overall operational throughput and integrity in the industry, with speeds scaling from 24,000 per hour, to up to 50,000 per hour, thus addressing the needs of organizations who process low to high ballot volumes. This solution improves sorting consistency and reduces downtime by:

- Tracking individual ballot packets throughout the overall process
- Eliminating the possibility of doubles and non-ballot packets
- Capitalizing on mail processing efficiency and revenue

The modular design is highly scalable for low to large volume jurisdictions.

The Vantage sorting system's advanced capabilities will enable elections officials to:

- Meet strict submission requirements by tracking individual ballot packets all the way to each pocket with exclusive positive piece-level tracking from BlueCrest
- Virtually eliminate the possibility of doubles with a double detection device featuring integrated optical view
- Capitalize on mail processing efficiency and revenue generation with enhanced read capability via best-in-class barcode scanning technology
- Avoid incremental labor for reprocessing unreadable mail. That saves time and reduces expenses
- 15-year life expectancy which no other vendor offers

The Vantage sorting system gives you the freedom to design a system that meets the specific needs of your organization. Right size a combination of pockets and integrated tray racks using two, three, or four tier pockets in a single-sided or double-sided footprint. The BlueCrest Vantage sorting solution helps you increase efficiency by automating more processes with consistently high throughput and valuable ballot packet data capture capabilities. With the Vantage sorter, you have a powerful, scalable solution with the flexibility to meet your unique sorting needs, today and in the future.

The Vantage sorter combines speed, intelligence and endurance to achieve consistent high overall throughput. Each individual part was chosen for maximum performance and durability, delivering operation that is more consistent and less downtime. Innovative feeder technology lets you sort ballot packets with a variety of thickness while maintaining a consistently high throughput speed.

A sophisticated camera assembly provides superior mail image stability. The camera assembly utilizes an on-board camera lighting airburst blowing system, which eliminates mail dust build-up for a clean image area for consistent high-level barcode read rates day in and day out.

Separator Card Detection is included and supports precinct, district or group sorting requirements.

The Thermal Transfer Label Kit Printer will recreate damaged barcodes on incoming vote-by-mail ballots. The printer will print a barcode on a label that can be placed over any damaged barcodes for scanning on the Relia-Vote system. This would eliminate the need for manual ballot package reconciliation.

Optical Double Feed Detector is included and uses a PC-based device that utilizes a specialized USB camera system to identify double fed envelopes, where two items meant to be mailed separately are placed in one envelope. The camera is a line scan device designed with two viewing regions. The camera focuses on the bottom edge of the ballot envelope where it illuminates the target using white lighting. The lower 20-30mm of the ballot envelope address face is viewed using an infrared lighting spectrum. The side view provides useful information to help identify special piece types. The combination of the two views provides a great deal more data about the ballot envelope, providing a higher level of accuracy. This additional detector will ensure 100% verification that they system will never double feed two ballot envelopes.

No Signature Detection (an Optional Feature) This feature will detect the presence or absence of a signature on the initial scan pass and automatically outsort identified ballot envelopes with no signatures to a challenge sort pocket.

Check Box Detection (Optional Feature) This feature will detect for the presence or absence of a check mark in a box and sort the ballot envelopes according to the selected sort criteria; however, if the information is in the voter file, the system can use the data in the file to drive sorting decisions.

Selective Envelope Opener Module (Optional Feature) The Selective Envelope Opener is a module and associated software that will allow the operator to setup the sorting system to selectively open the return ballot envelopes while the ballot envelopes are being processed based on rules within the legal timeframe. This feature is flexible so that it can also be setup to open "all" ballot envelopes in a batch process as a simple "high speed" opener as well.

The Vantage enables elections officials to incorporate the right combination of components to meet current inbound and outbound voting requirements with an eye towards scalability and future growth as additional capabilities can be added into a base system as requirements increase.

Lockbox Sorting Solutions

The Vantage™ Lockbox Mail Sorting Solution gives you unparalleled handling and sorting of all your remittance mail – at processing speeds up to 50,000 pieces per hour. Now you can enhance productivity and save time and money with automated lockbox processing for the most efficient processing of valuable incoming payments.

It's the ultimate in processing power with the Vantage Lockbox Mail Sorting Solution you can speed the flow of incoming payments and renewals with industry leading OCR technology that reads PO Box numbers, Vanity Addresses, ZIP + 4®, IMb® barcodes, Departments, Company Names – or your own individual requirements. And, our SortEngine 360 OCR integration can even recognize, and sort remittance mail addressed by hand.

Maximize productivity and cost savings

With BlueCrest exclusive automated database generation software, you'll maximize savings by eliminating burdensome manual database maintenance. And, by intelligently using customer-supplied database constraints, you'll automate the optimization of your sort plans and minimize the number of passes needed to sort your mail. You can even ensure that high-value payments are out-sorted on the first pass. And, there's no limit to the number of sort destinations.

Local Video Encoding sorts more mail

And here's something else that will make life easier: our Local Video Encoding (LVE) processes non-OCR readable mail, enabling virtually 100 percent of your mail to be sorted in just two passes. Our exclusive Time-Slip™ keying technology maximizes operator processing efficiency and eliminates the need for a costly separate manual mail processing operation. Additionally, it allows all mail processing data to be available electronically in a central location which significantly increases the accuracy of processing metrics.