FACT SHEET

DISCOVERY ENTERPRISE for MAILING

Automatic End to End Piece-Level Tracking and Reporting for Transactional & Direct Mail.

PRODUCT OVERVIEW

Whether you're running a service bureau, direct marketing firm or a in-house print operation, printing and fulfilling statements, invoices, cheques, Direct Mail and election services documents, you require verification systems to identify errors and prove production integrity with absolute results. Document producers are concerned with more than customer retention as privacy and integrity errors can have serious liability implications.

Today many documents now comprise of multiple sheets, printed and finished on multiple devices. Keeping track of each and every sheet, and its integrity on printers, collators, cutters and inserters of varying capabilities, age and models becomes a mammoth task.

Discovery Enterprise, from Lake Image Systems, provides a comprehensive process integrity control and management, document quality control and reporting solution, The Discovery Enterprise server, connected by a network of Discovery MultiScan camera based clients reads, grades, logs and track each and every sheet. It is capable of tracking each sheet at every stage of a document life cycle from print through to delivery to the postal authority. It provides the critical tracking and reporting engine that maintains document integrity control and detecting printing defects throughout the complete document production process. For example, if a missing page or print defect is detected on at the printer, cutter or inserter, the mail-piece associated with this page will be diverted, normally at the end of the inserter line for further inspection or is flagged for reprinting.

Additionally, as information is processed on the server rather than the individual local client, job batches can be split among multiple processing lines, providing operational flexibility.

Real Time Processing & Multi-device Integrity

Unlike similar systems, Discovery Enterprise responds and reports in Real Time. By harnessing the latest digital technologies, Lake Image has created a MIS system which can physically deal with quality and integrity problems as they occur rather than reporting them at a later time for manual intervention.

With many documents (investment portfolio booklets, employee benefit statements etc) now comprising of multiple sheets, produced and finished on multiple devices, Enterprise now tracks each and every page, start to finish for 100% integrity.
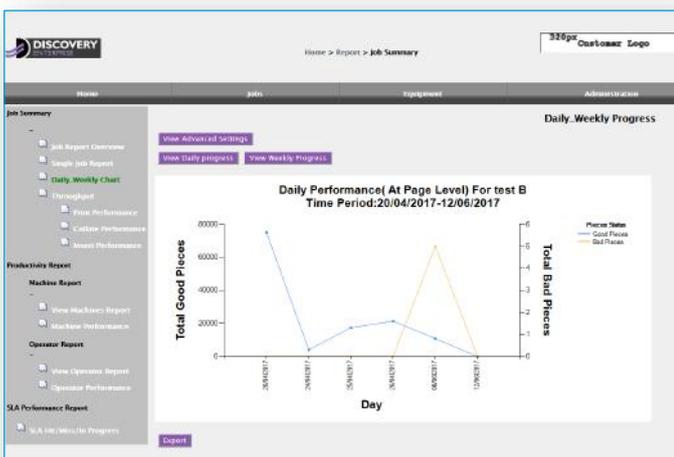
Non Sequential Piece Processing

Previous systems required multipart jobs to be processed in a sequential manner. This was necessary due to limited processing power and slow network response times. Discovery Enterprise is capable of processing 1,000,000+ piece batches in complete non-sequential order. Due to significantly higher processing speeds and unparalleled network bandwidth, Discovery Enterprise can even maintain quality and integrity of a job without requiring the customer to even supply an initial database. Process your document in the way which best suits your business not the way that best suits your MIS!
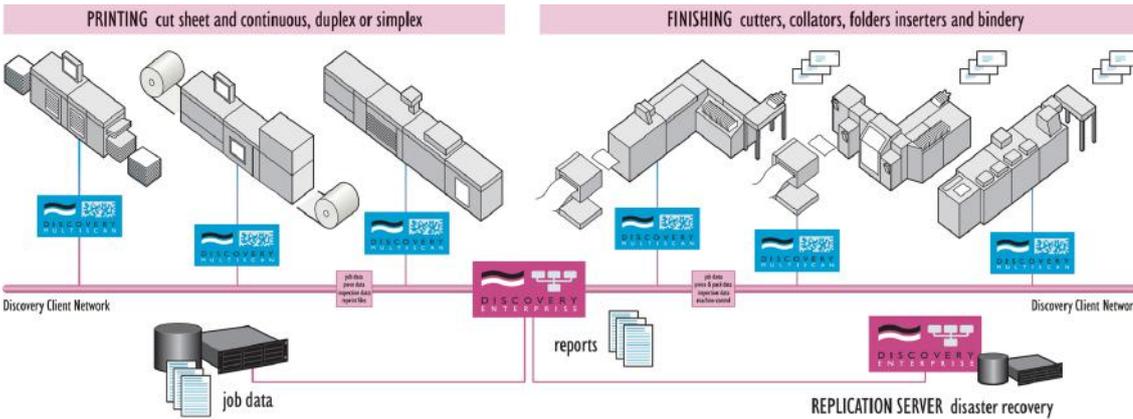
Web Based Reporting

Production control is a demanding job which involves multiple personnel with diverse responsibilities. Production staff are expected to monitor and control the production status remotely and outside normal working hours. Discovery Enterprise provides a web based user interface enabling full control and status of each job displaying all relevant information via a web browser from any location, provided you have the correct login credentials.

Cost Based Scalability

Whether you have a small onsite printing unit or a full scale multi-site transactional production facility, Discovery Enterprise is scalable to fit your environment and more importantly your budget. At Lake Image, we understand that the need for quality and integrity control isn't just a concern for large volume production houses, it's every bit as important to smaller volume businesses. Discovery Enterprise is scalable, from a single device system to one supporting 10's of devices and expands to meet your businesses growing needs and budget.

FACT SHEET

PRINTING cut sheet and continuous, duplex or simplex

FINISHING cutters, collators, folders inserters and bindery

Discovery Client Network

Discovery Client Network

job data

reports

REPLICATION SERVER disaster recovery

DISCOVERY ENTERPRISE

- Real time piece level tracking and control for multi-step production processes.
- Tracking and alarms for incorrect, missing or duplicate sheets across multiple devices
- Dashboard overview of active equipment and jobs, with search, filter and sort tools
- Comprehensive data logging and Audit trail
- SLA deadlines with alarm notification
- Flexible data import, fixed width, CSV
- Near real time System Replication features for disaster recovery and security

DISCOVERY MULTISCAN

- Highly flexible Camera and Scanner input
- Decode OCR, BCR, 2D, QRCode, RFID
- Machine level integrity inspection: file based or sequence
- Match and logs multiple fields and regions
- Manage overall print quality with powerful inspection tools
- Continuous web and cut sheet/pack operation

CAPABILITIES

READS

- Variable Data, OCR
- Barcode, OMR, 2D
- QRcodes, IBM
- Address validation
- Mag Strips, RFIDs
- Images & Logos

PROVEN ON

- Printers & Presses - Cut Sheet or Web
- Cutters, Bindery
- Collators
- Inserters
- Card Attachers

APPICABLE MARKETS & USES

- Transactional Documents - Financial Statements, Bills, Invoices & General Correspondence. Card Attaching
- Marketing Print - Targeted Direct Mail
- Booklet Maker - Personalised booklets
- Elections Services - Postal Voting Notices and Forms
- Education/Examination bodies - Personalised exam papers

DOCUMENT INTEGRITY

- Piece Level, File based Integrity control
- Verify correct paper or insert stock
- Card Matching on Letters
- Feed data into external ADF, MIS & Job Accounting systems

DOCUMENT QUALITY INSPECTION

- Document content Presence/readability/eligibility
- Print Positioning and Registration
- Check, verify and grade barcodes, logos, images are within colour, branding guidelines & print quality specifications

ADVANTAGES

- **Machine independent** - Can be retro-fitted to most existing printing and converting equipment
- **Reliable** - 100% verification of all variable data on documents. Full File-based/ADF level integrity
- **Flexible -** Ability to deploy a broad set of tools to meet your specific industry requirements
- **User-Friendly** - Faster set-up & logical GUI layout
- **Supported -** Comprehensive maintenance contracts featuring remote diagnostics

BENEFITS

- **Lower Costs** - Automatically detects missing/ misfed/out of sequence documents. Prevents costly reprints and reruns
- **Improved Productivity** - Automates manual document integrity & quality inspection processes
- **Increased Customer Satisfaction** - Ensure mail production meets the standard agreed with your customer, support by detailed reports
- **Less Scrap / Less Waste** - Immediately prevent costly scrapping of large runs of defect print
- **Mitigate risks** - Ensure all mail runs are correct to postal/customer specifications to mitigate risks & penalties