Discovery MultiScan is the latest generation of Print and Mail Integrity Solutions from Lake Image Systems. Based on our new Discovery platform it leads the way in performance, ease of use and flexibility. Our MultiScan Manager pulls together the images and data from a wide variety of camera and scanner based technologies and allows the implementation of any number of Discovery software tools to read, control, inspect, verify, log and report – providing 100% quality inspection and print data integrity.

**Real time data integrity and piece tracking across multiple machine zones for mail processing, secure printing and label inspection applications**

**Read**
- OCR (Optical Character Recognition)
- Barcode
- 2D, QR Code, PDF417
- Postal Barcodes
- OMR

**Basic Tracking Features**
- Track and match print data across multiple machine zones
- Read, record and report
- Read, print and verify across multiple machine zones, with in line read and print control
- Detect Missing Inserts or Pages
- Comprehensive timing and control of diverts and rejects

**Advanced Tracking Features**
- Selectivity control on older inserters and finishing equipment
- Selectivity verification of variable and static pieces based on a data file
- Control external devices based on data or product status such as marking bad product on a web or activating out sort divert bins.
- Activate feeders based on data

**Log and Report**
- Automatic generate report for all reads for a tracked piece
- Operator / job / production data
Input Devices

Area Scan Cameras
MaxRead, GigE, Firewire, Analogue
>2M pixels

Line Scan Cameras
Up to 8K line scan

Triggering
Leading edge sensor
Encoder (5000ppr)

Processor

Operating System
Windows™ XP

Process Time
>50 reads per second

Chassis
Standard PC or Industrial Rack (IP54 rated)
Power 110-230VAC

Approvals
CE/UL Certified

Supported Code formats

OCR
Fully font trainable by system operator
Skew: ±15 Deg

Barcode
• EAN 13
• UPC A
• Code 128
• Code 93
• 2/5 interleaved

2D
• Datamatrix
• QR Code

Postal Barcodes
• US Post Office Postnet Code
• UK Post Office Four State Code
• Australian Post Office
• Japanese Post Office Code
• Planet Code

Proven Installations
• Mail Inserters
• Card Attachers
• Printing Presses
• Rewinders
• Book Binders (Saddle / Perfect)
• Inkjet Printing Bases
• Collators
• Packaging Lines

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