![MCS Industrial Inkjet Technology logo]

MCS PERFECT TRACK™ TRACKING SYSTEM
INDUSTRIAL TRACKING SYSTEM

The MCS Perfect Track™ Tracking System

**Your mail pieces require more integrity than ever before.
You need a system to match.**

The MCS Perfect Track™ is designed to increase integrity and productivity in many mail manufacturing processes. MCS manufactures all of the system's components including cameras, tracking controllers, software, and inkjet printers.
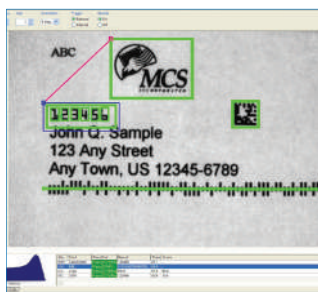

Applications

- Matching:
  - Read - Track - Read
  - Up to 12 cameras
- Read and Print:
  - Read - Track - Print
  - Supports MCS Falcon, Eagles, Osprey and Condor
- 100% Mailings
- Insert verification
- Envelope verification
- Variable messaging on the outside of an envelope
- IMB verification
- Tracking
  - Up to 48 sensors
- Output scanning
  - Both file and non-file audits
- Vote-by-mail

Vote-By-Mail

- Batching/Matching
  - Feed multiple pieces from one feeder into one envelope and verify with camera in feeder
- Ballot Verification
  - Read ID and print next record (file based)
- Output Verification
  - Store image from output camera and link to the output log
- Selective Feeding
  - Use file to selective feed inserts without barcodes
- Comprehensive Output Logs
  - File based or metadata based. User defined comprehensive data files
- Bundle and Tray Sorting
  - Automatic signal for bundle and tray sorting. Can use counter or data file
- BRE Association
  - Track IMB of BRE for return ballots

New MCS Perfect Track™ Tracking System Features

- Multiple printer support
- Up to 12 cameras, 48 sensors and 10 printers
- High-speed record lookup and processing
  - Gigabit Ethernet data communication
- Optional PDF read and print index lookup
- Process data files with millions of records
- Piece diverting and confirmation (e.g.: double detect, non-seal, misread, etc.)
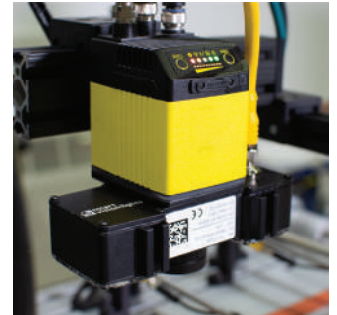- Data logging and reporting

Extensive Logging of Data

- Time
- Date
- Operator ID
- Machine ID
- Piece ID
- Destination of piece
- Piece removal
- Customizable job report generation
- Data file
- Piece progress
- Electronic double detection
- Storage of piece images
- Piece modifications (piece edits)
- Sequence number
- Data file path
- Piece rate

Seamless Integration & Comprehensive Tracking On Multiple Types Of Equipment

- Swing arm inserters
- High-speed marketing mail inserters (FlowMaster, W&D, etc.)
- High-speed transactional inserters
- Ultra-high-speed marketing mail inserters (MSD, Epics)
- Ultra-high-speed transactional inserters
- Card attachers
- Web applications

New Features Available Only with MCS Perfect Track™

- More camera options
- Live exception reporting
- Logging, tracking, and capturing of all data and images for all cameras
- Integration of sorting control
- Logging of double detects
- Management of calibration of electronic double detects
- Integration of multiple Raptor printheads
- Vote-by-mail features

Perfect Track™ from MCS

- Engineered by MCS
- Built by MCS
- Serviced by MCS
- Supported by MCS
- Engineered and manufactured in the USA

CAMERA OPTIONS FOR TRACKING SYSTEM

Camera Options For Tracking Systems						
Camera Technology	OCR	1D Barcodes	2D Barcodes	Embossed Cards	Area Of Interest	Resolution
MicroVision	Yes	No	Yes	No	1" x 1"	640x480
C50	Yes	No	Yes	No	1" x 1"	1400x1080 1.5 MP
C100	Yes	Yes	Yes	No	6" x 9"	2 MP
K300				Yes		

INKJET OPTIONS FOR TRACKING SYSTEM

Inkjet	Primary Application	Color	DPI	Print Width	Drop Size (PL)	Print Speed FPM* based on resolution	Print Speed PPH
Falcon	Envelopes	B/W	600 DPI	.5 to 4	26 to 38	250	15,000 (#10)
Eagle 20	Envelopes/Self Mailers	B/W	600 DPI	4.25 to 34	5,7,12 or 18	250	16,000 (#10)
Eagle 30	Envelopes/Self Mailers	B/W	600 DPI	4.25 to 34	5,7 or 12	375	24,000 (#10)
Eagle 40	Envelopes/Self Mailers	B/W	600 DPI	4.25 to 34	5,7 or 12	500	32,000 (#10)
Eagle UV	Envelopes/Self Mailers		600 DPI	4.25 to 34	5,7 or 12	375	24,000 (#10)
Eagle 8540	Page Printing		600 DPI	8.5 to 34	5,7 or 12	500	65,000 (Letters)
Hayabusa	Page Printing	B/W	600 DPI	8.5 to 34	5,7 or 12	1,000	130,000 (Letters)
Condor 250	Envelopes	Process Color	600 DPI	4.25	C-6, Y-6, M-6 K-9	250	16,000 (#10)
Osprey 26	Plastic Cards	B/W	400 DPI	2.5	26	375	12,000
Osprey 72	Plastic Cards	B/W	400 DPI	2.5	72	375	12,000
Harrier	Envelopes/Corrugated Boxes/Paper Bags	Process Color	600 DPI	4.25 to 34	C-7, Y-7, M-7 K-7	350	22,000

MCS INDUSTRIAL INKJET TECHNOLOGY

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