

Application: In-Line Read and Print Control

With the increasing demand for improved document personalisation, and the issues of masked addresses with window envelopes, IntegraVision's flexibility combined with an inkjet controller and print head provides the perfect solution for inline addressing and personalisation.

Read and Print systems have been designed for installation directly on to the output of new and existing inserters and inkjet bases. The proven IntegraVision technology provides the data stream links to the document tracking and print controllers, which in turn drive a variety of printing technologies.

Envelope Inserters

In-line printing of addresses on closed face envelopes.

Attachers

Personalise plastic cards and carrier documents all full production speeds.

Polywrap Lines

Direct Addressing on the outside of each pack.

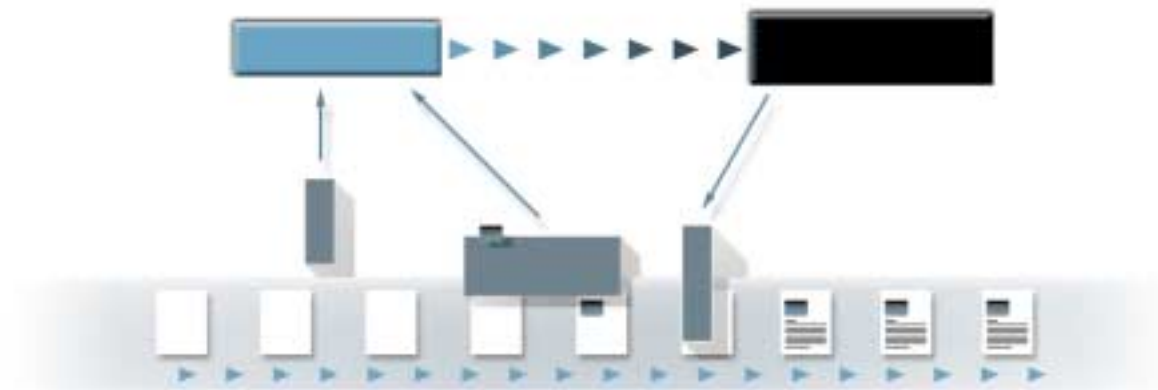
Stitchers

In line personalisation.

Web:

Print serial numbers and PIN's with guaranteed match, in line at full web speeds.

- Increase response rates through personalised mailings
- 100% Matching of personalised or secure documents and mail pieces
- Eliminate costs and 'masked address' issues of window envelopes
- Improve fulfilment quality and customer satisfaction
- Track each mail piece and secure document through the production process
- Eliminate labour and costs associated with off-line printing processes



By reading a unique identifier on a personalised mail piece or secure document, the relevant address or other variable data can be located within a database and printed on the correct piece at the appropriate time.



IntegraVision

Inputs Any combination of up to 12 cameras, and 8 serial input devices (Barcode scanners, mag-stripe readers.)

Code Formats OCR: fully font trainable
Skew: $\pm 15\%$
Size: 6 to 10 point
Barcode
2D Datamatrix
PDF417
Postal Barcodes

Print Laser/Inkjet/Embossed/Thermal Transfer/Invisible Ink.

Triggering Leading edge Sensor
Proximity Sensor
Encoder

Machine Interface Machine Stop
Divert
Batch
Manual Reset

Communications Fully configurable output capability to interface with most print controllers.
Up to 12 x serial RS232
Network TCP/IP

Software functionality

A range of software modules is available to provide a variety of print and mail inspection functions:

- Static Verify (base stock verification)
- Address Masking
- Sequential Inspection
- File Audit (reconciliation to the print file)
- Production Reporting.
- Matching



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