

# Match Mate Software

A NetJet Software Module



The screenshot shows the MatchMate software interface. At the top, there is a menu bar (File, Edit, View, Options, Data, Help) and a toolbar. Below the toolbar, there are tabs for 'Imager Setup', 'Form Design', 'Print Manager', 'Pen Status', 'IO Status', 'Log', and 'MatchMate'. The 'MatchMate' tab is active, displaying a block diagram of a printing system. The diagram includes components like 'Diverter 1', 'NetJet Base', 'Take Away', 'Envelope', 'Swing Arm Conveyor', and 'Camera'. There are also sensors labeled 'IS1', 'S1', and '0 ips'. Below the diagram is a log table with the following data:

Date/Time	Type	Entity	Message
11/17/2005 15:16:42:472	Warning	Turn over	Subscribing to Proximity Sensor (44) position events
11/17/2005 15:18:01:984	Warning	Addin	Attempting to start controller
11/17/2005 15:18:01:985	Warning	NetJet Base	Subscribing to Encoder1 (24) position events
11/17/2005 15:18:01:985	Warning	Envelope	Subscribing to Proximity Sensor (44) position events
11/17/2005 15:18:01:986	Warning	Take Away	Subscribing to Proximity Sensor (44) position events
11/17/2005 15:18:01:986	Warning	Swing Arm Conveyor	Subscribing to Proximity Sensor (44) position events
11/17/2005 15:18:01:986	Warning	Turn Over	Subscribing to Proximity Sensor (44) position events

At the bottom of the window, there is a status bar with the text 'For Help, press F1', 'Connected', 'Cleaning Station Status: Unknown', 'Inverted', 'X: 0.00', 'Y: -0.25', 'NUM', and a taskbar showing the system time as 3:38 PM.

Expand your capabilities and offer customers more specialized printing applications using Kirk-Rudy's MatchMate system. Based on the powerful NetJet software, MatchMate adds another dimension to your inkjet printing capabilities. Use MatchMate on jobs that require a vision system and/or product tracking capabilities. MatchMate software allows you to :

- Run personalized inserts on your inserting machine and print the matching address on the envelope.
- Print matching data on both sides of a folder or turnover device.
- Confirm data was printed using MatchMates' Print -Verify function.

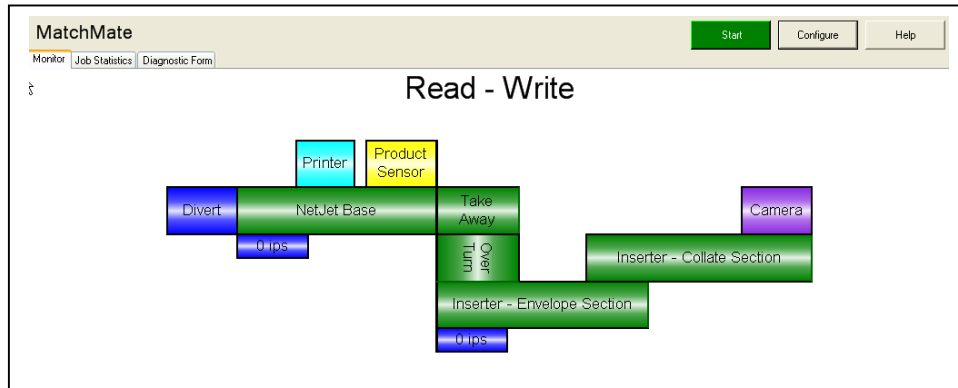
Built-in flexibility allows for many other applications involving a wide variety of components. Be a part of the next wave in digital printing with KR's MatchMate software.

The screenshot shows the Configuration Editor window. On the left, there is a list of components with their properties. The main area displays a block diagram of the printing system, similar to the one in the MatchMate GUI, but with more detailed connections and labels. The components listed on the left include: 'Envelope', 'ADUController1', 'Diverter1', 'NetJet Base', 'Encoder1', 'IS1', 'S1', 'Take Away', 'Turn Over', 'Envelope', and 'Proximity'. The diagram shows the flow of material through these components, with arrows indicating the direction of movement.

Block diagram graphics simplifies the complicated task of system configuration. Sized components are arranged according to their actual location on the system. Record data is displayed as it passes through each component.

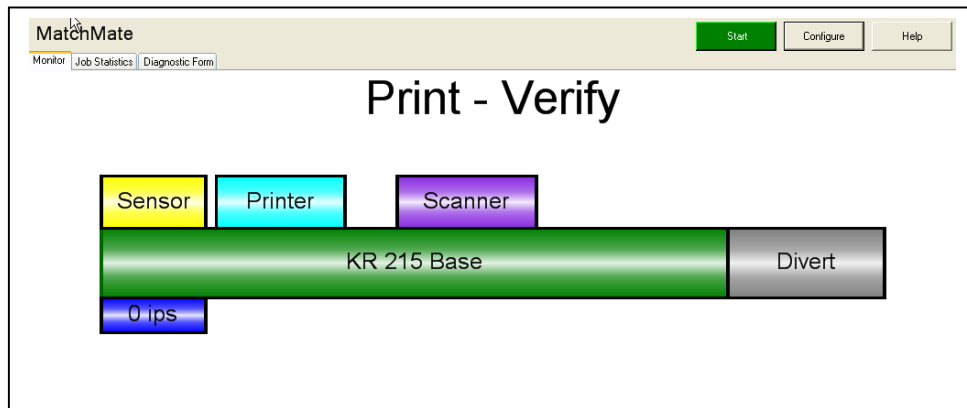
# 3 Basic Configurations

1



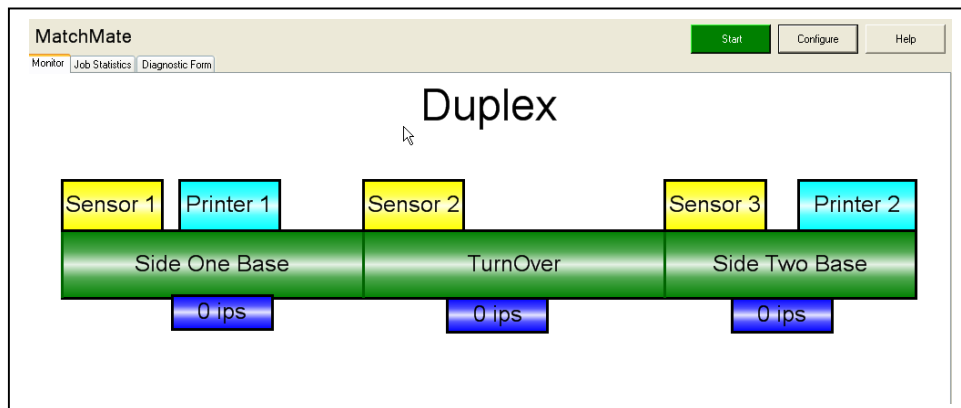
The **Read-Write module** is used for addressing envelopes containing personalized inserts. The MatchMate system reads a preprinted code on an insert, tracks the piece through the inserter and then inkjet prints the matching data on the outside of the envelope. If a jam occurs and a piece is removed, the system skips to the next record.

2



The **Print Verifier module** is used to verify data was printed and that it is legible. A database entry is made once the piece is read successfully by the vision system.

3



The **Duplex Printing module** is used in applications where matching data is printed on both sides of a mail piece. A KR 445 Turnover system flips the piece over between print heads. The MatchMate software tracks the piece through the turnover system and sends matching data to the second printer at the appropriate time. This same module is used for folder applications where matching data is printed before and after the folding application.