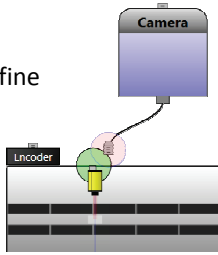


# XMatch Software Reference

## Configuration Simplicity

### Drag-n-Drop

Connect devices and define IO by dragging and snapping wires

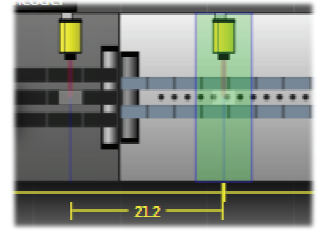


**Visual Browser** - Easily search and view configs before opening

**Builder Wizard** – Detects system config step by step

### Distance Indicators

Drag sensors into position

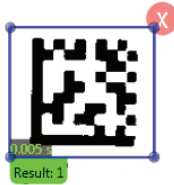


## Integrated Vision

Connect and configure Camera and regions

### Barcode Region

All major 1D and 2D types



### Simple OCR

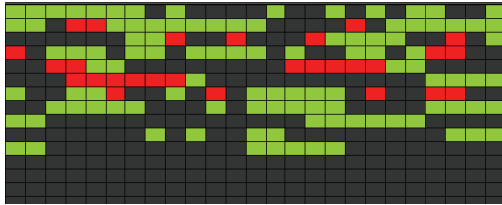
- “Type what you see”
- Multipass decoding
- Image Filters



## Reports and Printing

### Record History

- All records tracked
- Reprint prevention
- Visual History



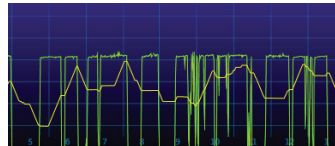
### Report Exporting

- Export to CSV
- Every product
- Date, Record, Printed, Result, Diverted, Camera Data

Date	Time	Record	Printed	Name
133614	9/1/2011 4:44:17 AM	106498	True	Printed
133615	9/1/2011 4:44:18 AM	106499	True	Printed
133616	9/1/2011 4:44:20 AM	106499	True	Printed
133617	9/1/2011 4:46:01 AM	122394		None
133618	9/1/2011 4:46:45 AM	122395		None
133619	9/1/2011 4:48:47 AM	122395		None
111820	9/1/2011 4:48:47 AM	122397		None
133621	9/1/2011 4:49:48 AM	122397		None
133622	9/1/2011 4:49:48 AM	122397		None
133623	9/1/2011 4:49:49 AM	122397		None
133624	9/1/2011 4:49:49 AM	122397		None
133625	9/1/2011 4:49:50 AM	122397	False	Failed
133626	9/1/2011 4:50:22 AM	122397	True	Printed
133627	9/1/2011 4:50:25 AM	122398	True	Printed

## Productivity Monitoring

- Monitor shift performance
- Daily PPH chart
- Daily Total/Pass/Fail



Date	Total	Passed	Failed	Duplicate
8/16/2011	132304	131236	1068	0
8/15/2011	320560	316019	4541	0
8/14/2011	278035	274392	3643	0
8/13/2011	321038	318022	3016	0

## Reliability

### Hybrid hardware/software tracking

- Eliminates timing errors
- Sub-millimeter tracking accuracy
- Double feed detection
- Product slippage detection

### Performance Monitoring

- Image loads
- Barcode & OCR decoding
- Memory usage
- Data lookup durations

### One Click Log Zipping

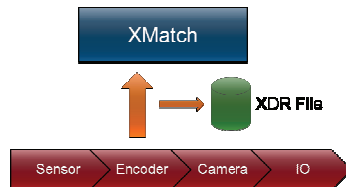
- .zip format
- XDR
- Reports
- Camera Images

### Automatic Backups

- Every configuration
- Saved when config changes
- View changes between versions
- View # printed for each version

## XMatch Data Recorder (XDR)

- Entire job's run is recorded to file
- File is size of an MP3
- Always running in the background
- 1 year history
- Stores every job and config setting



### XDR Player

- Playback XDR files without XMatch
- Watch job run exactly as it did on the system
- Scan and fast forward directly to errors
- Pause, slow motion, fast forward, skip

## Other Features

### Integrated Help and Videos

- Quickstarts
- Tutorials
- Videos
- Detailed Reference

### Emulator

- Full testing of XMatch
- Built in emulators provided
- (Read and Print, Verify, Duplex)
- Build your own (drag-n-drop)

### Graphics Hardware Acceleration

- UI uses GPU (Graphics Processing Unit)
- Frees up CPU for critical tasks
- Results in XMatch needing < 1% CPU for tracking

