



## AUTOMOTIVE PERFORMANCE PAK

### A Suite of Software Applications to Meet Strict Quality Requirements

Programmable devices continue to play an increasingly important role in mission-critical applications. ABS braking systems, engine control units, glucose monitors, defibrillators, pacemakers, building control systems, and more rely on devices to be correctly programmed and free from handling defects to operate properly. Global automotive, medical, and industrial controls electronics manufacturers trust Data I/O to meet their demanding quality requirements.

*Available for the PSV7000, PSV5000, and PSV3500*



**VELOCITY.**



**VERSATILITY.**



**VALUE.**

#### **CREATING THE JOB: *Version Control***

Provides configuration management ensuring traceability and repeatable programming results regardless of the programming system's current firmware and software. Save and rerun an 'archived Job' file to reinstate an approved programming environment. Archived Job file includes algorithm, settings & image file(s).

#### **VALIDATING JOB AND DEVICES MATCH: *Confirm Input Device***

Validates that devices on a new reel, match the device selected in a job.

#### **MONITOR PROGRAMMING PROCESS: *Remote Monitor***

Monitor up to 10 networked systems and view current job status and statistics.

#### **POST PROGRAMMING PROCESS: *Tape Label Generator***

Enable custom design and printing of labels for reels.

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## VERSION CONTROL

### LumenX Version Control

- Ensures identical programming results in the future across various versions of the software.
- *Note: License required for LumenX Version Control. PSV system must be on a 'Device Support Contact' (DSC) to create Version Control JOBs for the latest device supports.*

## CONFIRM INPUT DEVICE

- Confirm Input Device validates that devices on new reel match the device selected in the JOB
- Eliminates errors in component reel selection.

## REMOTE MONITORING

### PSV Remote Monitoring

- Remote viewing of networked PSV systems
  - PSV monitor software is installed onto each networked PSV host computer
  - PSV monitor client software is installed on each networked PC

### Remote Monitoring Example (below left):

- Managers can watch remote machine operations
- Near-real time machine utilization
- Pass/fail quantities
- Yield statistics

Job	MX360F26	Running
Done :	[Progress Bar]	
Total PASS	107	Total FAIL 1 Yield 99.1%
Pgrm 1	21	0
Pgrm 2	19	0
Pgrm 3	8	0
Pgrm 4	1	0
Pgrm 5	9	0
Pgrm 6	9	0
Pgrm 7	9	0
Pgrm 8	9	0
Pgrm 9	9	0
Pgrm 10	9	0
Pgrm 11	2	0
Pgrm 12	2	1

## TAPE LABEL GENERATOR

Tape Label Generator application software enables design and printing of labels for reels.

- Up to 4 fields pre-defined
- Up to 4 fields at run time
- 6 Variables include:
  - Checksum
  - Job Name
  - Date
  - Time
  - Device Name
  - Counter

- Simple label setup screens
- Label dimensioning
- Font and size selection
- Bar code support

Sample screen >>>>

Sample of custom label designed and generated for printing

Sample screen >>>>

Showing label setup and fields for 4 print lines on the label

This software is available on an "as is" basis and is not subject to Data I/O's standard product warranty. Technical support is provided on an "as capable" basis.

The screenshot shows two windows from the TapeLabel v1.2.1 application. The top window, titled 'TapeLabel v1.2.1', displays a label design with fields for 'DEV-ID', 'Amount' (950), 'Checksum' (3AB5), 'Position' (U123), and 'Date' (11-11-2002). It also shows 'Reel-Size' (1000) and 'actual Count' (950). The bottom window, titled 'Layout', shows the label setup interface with fields for 'Label Size', 'Dimensions in', 'Width', 'Height', 'Fields', and 'Print Line'. It includes a 'Print Line' section with fields for 'Print Line 1' and 'Print Line 2'.