



# Integrate. Manage. Track.

*Connecting automated device programming to your smart manufacturing initiative  
for highest quality, efficiency and traceability.*



## Integrate to third-party systems

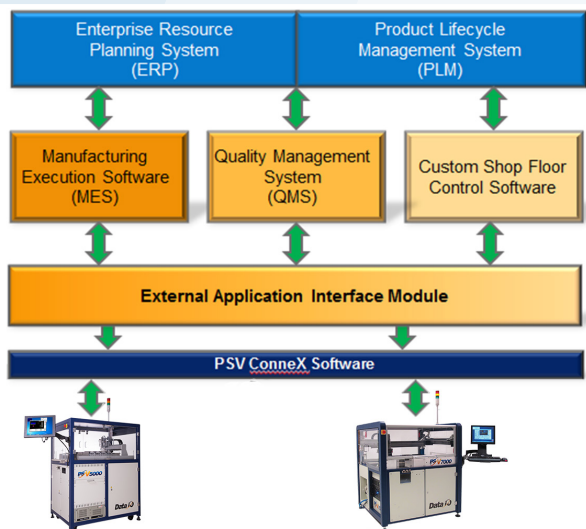
- ✓ Customize built-in data templates
- ✓ Extract xml data files for easy integration to factory and third-party systems

## Manage to enable data-driven decisions

- ✓ Aggregate programming data for use with predictive analytics
- ✓ Track yield to improve efficiency
- ✓ Monitor programming process on-the-fly

## Track comprehensive traceability

- ✓ Component level programming history for extensive traceability
- ✓ Protect intellectual property with job auditing



## Specifications

Handler PC for ConneX and Attendant Portal for ConneX™

- Windows® 7 or Windows® 10 (32-bit or 64-bit) minimum
- i3 dual core 2.5 GHz processor
- i5 quad core processor is recommended if 3 or more PSV handlers are connected to the Attendant
- 4 GB RAM minimum
- 10 GB disk space minimum

## ConneX Database Size

- Unlimited SQL Lite Database; database storage and performance limited by client disk space and available RAM
- Data stored for a minimum of 10 days in the ConneX Handler database and ConneX Attendant database.

## Programming Systems Supported

- PSV7000
- PSV5000

## Programming Engines Supported

- FlashCORE III (FC3)
- LumenX™ with Data Management Software v1.4 minimum

## Licensing

- Free 60 day trial license of Manufacturing Traceability data installed on all systems at time of shipment.
- Free license of Job Summary data for all PSV7000 and PSV5000 systems after expiration of 60 day trial license of Manufacturing Traceability. Contact your local Data I/O sales representative to purchase a perpetual license.

## ConneX™ Attendant Server

ConneX is a web-based software application. The ConneX Attendant Server enables customers to configure software setting and access, customize XML data labels and access audit data in real time. The ConneX Attendant Server saves a minimum of 10 days of audit data. Typically record size for static data for FlashCORE III (FC3) is 2k and LumenX is 10k for static data. ConneX Attendant Server can be installed on a network server or on a dedicated PC.

## ConneX Audit Records for FlashCORE & LumenX

ConneX Audit File collects and saves the data in the Attendant Server Database for the following fields:

		PSV7000/5000			
ConneX Software Offerings		ConneX Job Summary		ConneX Manufacturing Traceability	
Category	Supported Features	LumenX	FC3	LumenX	FC3
Adapter	Adapter Number			x	x
	Adapter Serial Number			x	x
	Adapter Lifetime Statistics: (clean count, actuation, continuity)			x	
	Socket Index			x	
	Adapter State			x	
Socket	Socket Number			x	x
	Programming Results			x	x
Device	Device Name & Manufacturer	x	x	x	x
	Serialized Data			x	
	Algorithm Device Details				
	Chip ID			x	x
	Algorithm Specific information (PSA etc)		N/A	x	N/A
	Result (Pass/Fail)			x	x
	Erase Time			x	x
	Blank Check Time			x	x
	Program Time			x	x
	Verify Time			x	x
	Device Error Message			x	x
Job	Job Name	x	x	x	x
	Image Checksum		x		x
	Job Description	x	x	x	x
	Data Image File Name		x		x
	Total Passed Devices & Pass Quantity (Lot)		x	x	x
	Algorithm ID	x	x	x	x
Programmer	Programmer IP			x	x
	FCIII Board Revision			N/A	x
	Firmware Version			x	
	Programmer Serial Number			x	x
Record Data	Date / Time Stamp (For the 1st device run in a Job)	x	x	x	x
	Audit Record ID & Schema Version			x	
System	System ID & System Management ID (Raw JSON Format)			x	x
	System Firmware			x	
	Machine, System & Factory Name			x	x
	Host Version Software & Network Name of Host Computer			x	x
	System Version Revision				x

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