

Full factory connectivity **Zero custom integration**

MYPro Connect™



Factory connectivity has never been simpler. With MYPro Connect, you can connect any MYPro series SMT equipment to any enterprise system while keeping costs fully in your control. No in-house customization. No lengthy implementation. And no future disruptions. Just a single standard IPC-CFX interface that's ready to plug and play, whatever your Industry 4.0 strategy may be.



IPC-CFX – Tomorrow’s standard for factory connectivity

As a longtime member of IPC, Mycronic is committed to open APIs and vendor-independent standards. Now, with MYPro Connect, we're eliminating the need for specialized software interfaces by bringing IPC-CFX standards to all SMT assembly equipment.

enterprise systems. Whether your ambition is to implement or improve centralized monitoring, MYPro Connect's standard data exchange ensures stable connectivity for a wide range of machine-to-business and business-to-machine functions.

REDUCE COSTS AND COMPLEXITY

The MYPro Connect platform enables plug-and-play connectivity with all IPC-CFX-compatible MES and ERP systems. For other non IPC-CFX-compliant MES, the same features can be implemented through customized integration from Mycronic, making implementation of all leading MES protocols more flexible, predictable and cost-effective than ever before.

STABLE, RELIABLE CONNECTIVITY

MYPro Connect is designed to bring the productivity and flexibility Mycronic equipment is known for into the industry's most advanced

MYPro Connect enables:

Monitoring and traceability

Enables export of data from SMT assembly line(s) to calculate production KPIs (OEE, FPY, etc), WIP tracking, and factory-wide traceability.

Changeovers

Remotely manages recipes, handles changeovers and prevents errors in program selection, especially when switching between variants.

Interlocking

Interlocking allows the state of each board to be validated before continued processing, automatically verifying incoming PCB ID with the program loaded on the next equipment.

Designed to support your connectivity strategy

MYPro Connect function	IPC - CFX 1.3 capabilities area	IPC - CFX 1.3 capability description	SPI PI CR8	AOI Vision 3D CR8 MYWizard CR 1.1	Jet printing MY700 Jet 2.10	Placement MY100, 200, 300 TPSys 5.2
CFX Core	CFX Core	Core communications	•	•	•	•
Monitoring and traceability	Track and trace	WIP tracking	•	•	•	•
		WIP identification	•	•	•	•
		Material trace with internal setup				•
		Tool trace			•	
	Station information	Station performance reporting			•	Fault occurred only
Test and inspection		Production unit inspection	•	•		
		Automated optical inspection	•	•		
Changeovers	Recipes	Basic recipe visibility			•	
		Remote recipe selection	•	•	•	
Interlocking	Process interlocking	Process route validation	•	•	•	
		Unit status validation	•	•	•	

Blank - Not implemented or not applicable

READY TO EVOLVE TOGETHER?

Tomorrow's intelligent factory environment is closer than you might think. Whatever your production strategy or product mix, we're convinced that every manufacturer has a right to factory-wide connectivity. That's why we continue to develop more features, functions and compatibility interfaces together with customers worldwide. Ready to discuss how Mycronic and MYPro Connect can support your Industry 4.0 ambitions? Contact us today.

Bringing tomorrow's electronics to life

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