



Honeywell PMIO Scanner

TDC 3000 I/O interface to ControlLogix

PMIO IO Link Scanner

*Integrate Honeywell
TDC 3000 IO in ControlLogix*

Phased Migration

Shadow-Mode

Import existing EB files

*Learn-Mode to upload
existing IOP configuration*

PMIO Scanner Redundancy

IO Link Redundancy

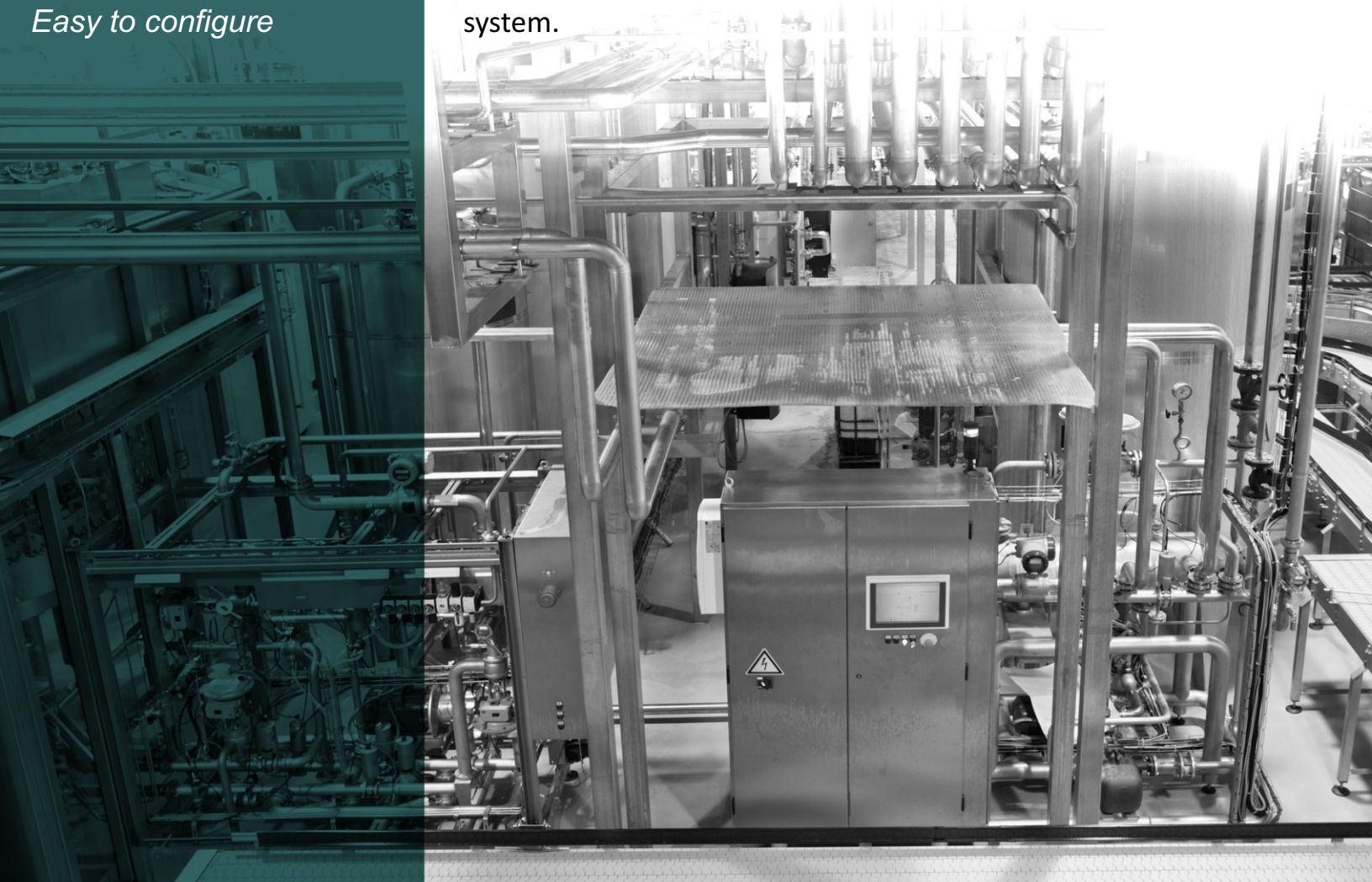
*IOP Status & Honeywell
Diagnostics*

Easy to configure

The Aparian PMIO Scanner is a direct interface for Allen-Bradley ControlLogix to Honeywell TDC 3000 I/O, providing a fast, cost-effective and reduced-risk migration strategy for legacy TDC 3000 systems.

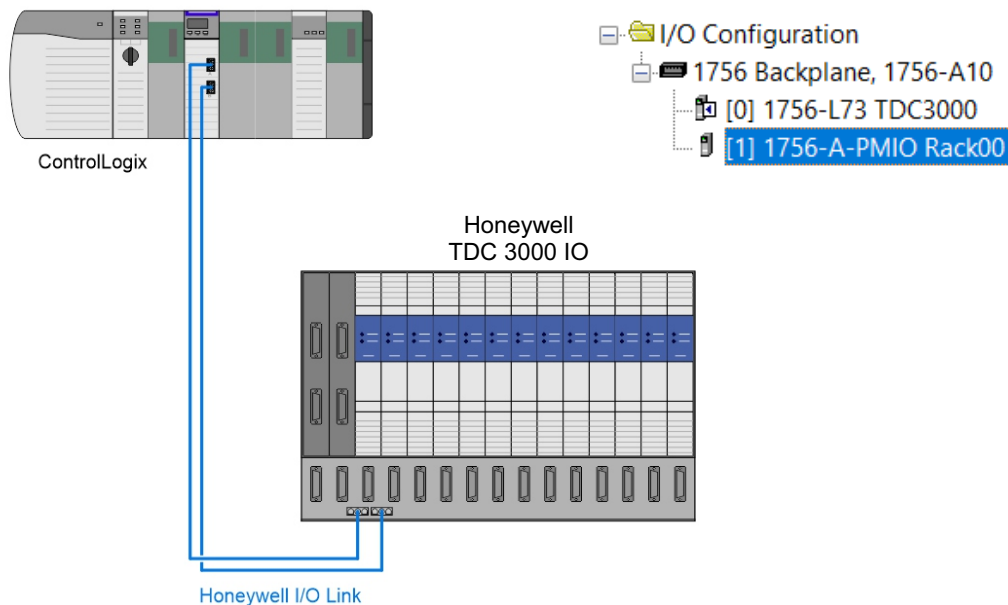
Each PMIO Scanner communicates bi-directionally with up to 28 TDC 3000 I/O Processors (IOPs) in any rack configuration and connects directly to the redundant IO Link network. Multiple PMIO Scanners can be used for larger systems.

To further aid in the phased migration process, the PMIO Scanner supports a shadow-mode, providing IOP data to the ControlLogix while the IO is still being controlled by the Honeywell system.



The 1756-A-PMIO module integrates into Studio5000 using a custom Add-On-Profile (AOP). The AOP provides direct access to the IOPs input and output data as well as to a host of status and diagnostic parameters.

Configuration of the IOPs is facilitated by means of Slate - Aparian's free-downloadable configuration environment. Each IO point can be individually configured with the required IOP specific parameters e.g. scaling, filtering etc.



NA1Rack00 - 2 - Device Configuration						
General I/O Point Configuration						
Point	Type	Direction	Acc. Direction	Acc. Target	Acc. Reset	
01	Status	Direct	Up	0	0	
02	Status	Direct	Up	0	0	
03	Latched	Direct	Up	0	0	
04	Accumulator	Direct	Up	1000	1500	
05	Accumulator	Reverse	Down	250	400	
06	Disabled	Direct	Up	0	0	
07	Disabled	Direct	Up	0	0	
08	Status	Direct	Up	0	0	
09	Disabled	Direct	Up	0	0	
10	Disabled	Direct	Up	0	0	

Note: **TDC 3000** is a trademark of Honeywell Inc.

Specifications

Parameter	Rating
Power requirements	410 mA (5Vdc Backplane)
Operating temperature	-20 to +70 °C
IO Link Connectors	2 x 3-way terminal
PMIO IO Link Redundancy	A / B / A+B
Maximum IOPs	28 per PMIO Scanner
Supported IOPs	DI32, DO16, DO32, AI16, AO8, AO16
PMIO Scanner Redundancy	Yes



CL 1 DIV 2 GRP A,B,C,D
E494895



PMIO Scanner 1756-A-PMIO

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