aparian

i90 Scanner

Bailey INFI 90® I/O interface for Logix

Integrate Bailey INFI 90 IO in Logix

Shadow-Mode

Phased Migration

Import existing Bailey Configuraton

Device Level Ring

Scanner Redundancy

IO Module Diagnostics

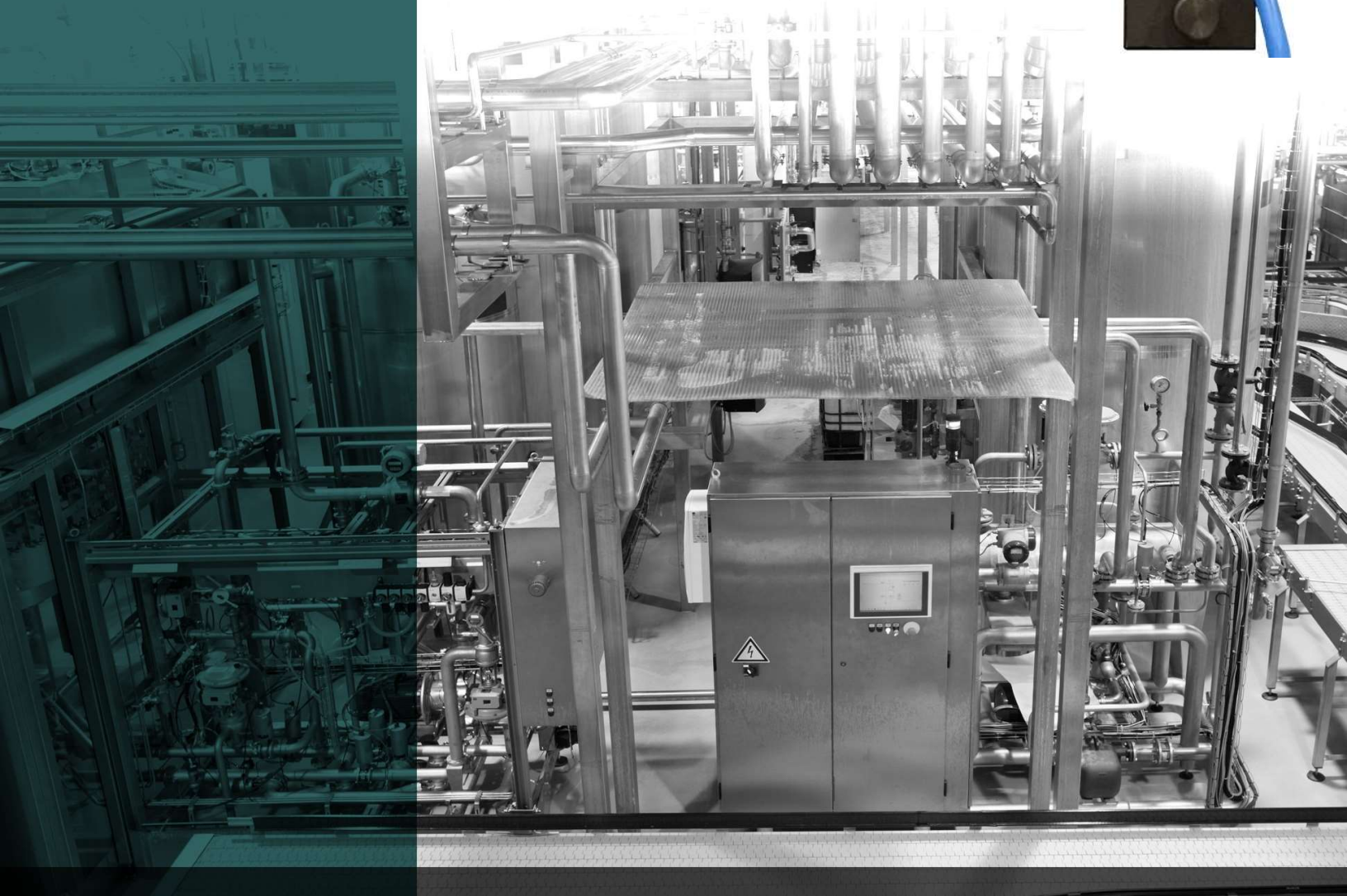
Easy to configure

The Aparian i90 Scanner enables a ControlLogix system to configure and control Bailey INFI90® IO modules. This provides a reduced-risk migration strategy for these legacy Bailey systems. Instead of replacing all the IO, a new ControlLogix system can be phased in, with little disruption to production.



The i90 Scanner plugs directly into the INFI90® rack (MMU) and occupies a single slot. It communicates and derives power from the INFI90® backplane and supports insertion and removal under power.

Up to 34 IO modules can be configured per i90 Scanner and multiple Scanners can be added to a Logix controller where required.



i90 Scanner
A-i90S

Adding and configuring IO Modules, can be done manually or by importing a Bailey Control Logic Document (CADEWS) export file.

The i90 Scanner provides dual Ethernet ports which are capable of participating in a Device Level Ring.

A pair of i90 Scanners can be configured in a redundant (Active / Standby) configuration for critical systems.

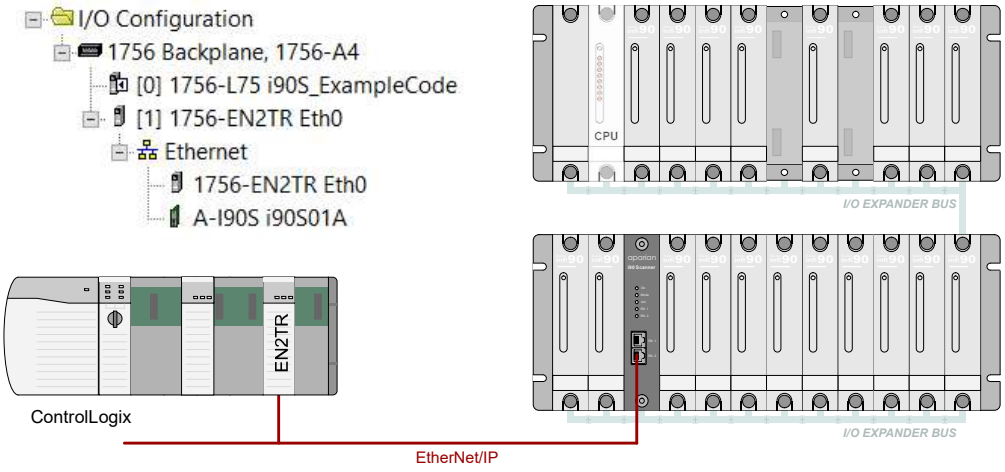
Integration into Logix makes use of an EDS Add-on-profile, which provides IO module data and diagnostics in an intuitive tag structure.

Configuration of the scanner and IO modules makes use of the Aparian Slate configuration software.

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Note: ***INFI 90*** is a trademark of ABB Automation Inc.

CE

Specifications

Parameter	Rating
Power requirements	5V DC, 540 mA (derived from INFI 90® MMU)
Operating temperature	-20 to +70 °C
Ethernet	10/100 Mbps, Full/Half Duplex, Auto-MIDX, DLR
Maximum IO modules	34 per i90 Scanner
Scanner Redundancy	Yes