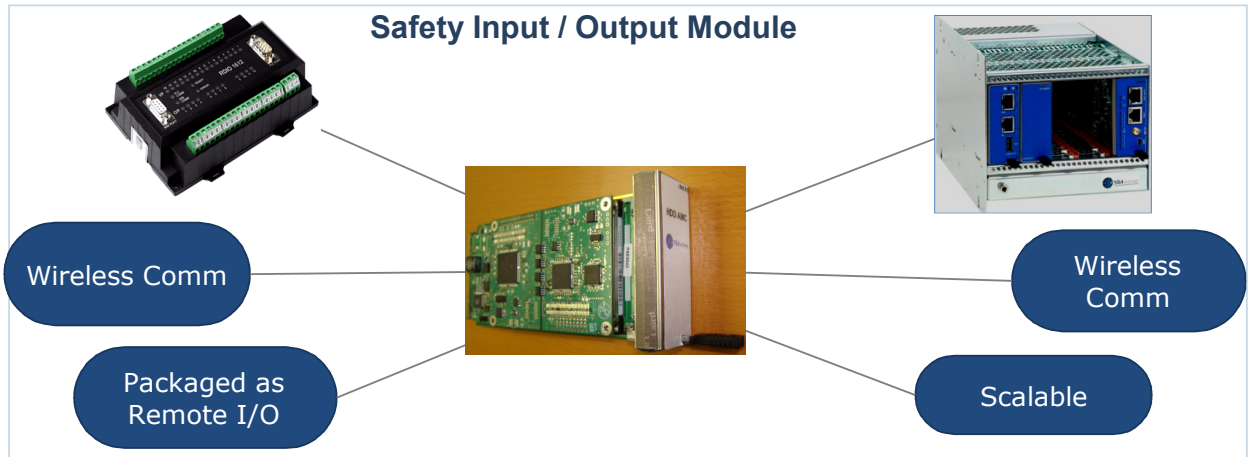


SIL4 Systems Announces SIL-rated AMC.0 Safety IO



SIL-Rated Safety IO for all your MicroTCA Safety Applications



State-of-the-art Open Architecture Safety I/O Module

- ◆ Smart Core - Diverse Processing
- ◆ **AMC Fabric Connectivity:** 2 x GbE to AMC channels 0 and 1 (AMC.2 type E2)
 - PCI Express on channels 4-11 optional
 - Serial RapidIO on channels 8-11 optional
- ◆ **FORM FACTOR:** Double-width full height AMC.0 (73.8 x 28.95 x 181.5 mm)

Modular Safety IO:

- ◆ **AMC-0404:** (4) Safety Inputs + (4) Safety Outputs; Ladder Logic Controller;
- ◆ **Power Supply:** Via AMC connector per AMC.0 or from barrel connector when in stand alone mode.
- ◆ **Debug:** JTAG/COP via an onboard connector and available on the AMC connector

Superior Connectedness

- ◆ ProfiBus and Profi-Safe, CAN, DeviceNet, ControlNet available.

Environmental:

- ◆ Temperature: -20C to +70C
- ◆ IEC61000-4-x

Applications:

- ◆ Safety IO for MicroTCA Platform Applications
- ◆ Safety IO for Particle Accelerator Monitoring and Control

Safety Level (please specify)

- ◆ SIL0 up to 32/32 IO points.
- ◆ SIL2, 3, 4 per IEC61508
- ◆ SIL2, 3, 4 per EN50126 / 8 / 9

Reliability Level

- ◆ STD MTFB: 20,000 hours

Product Specifications

P/N	Specification
HPP.0-0001	Base Compact Safety Platform
HPP.0-0001P	HPP-0001, w/custom PWR cond.
AMC.0-0404	AMC-0001, 4 Input + 4 Output
AMC.0-0808	AMC-0001, 8 Input + 8 Output
AMC.0-1616	AMC-0001, 16 Input+16 Output

- ☑ **HPP.0-01:** CSP w/heatsink, packaging, Ethernet, and (2) RS-232/485, SIL2 certification.
- ☑ **AMC.0-01:** Core SmartSafe Safety IO board with

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