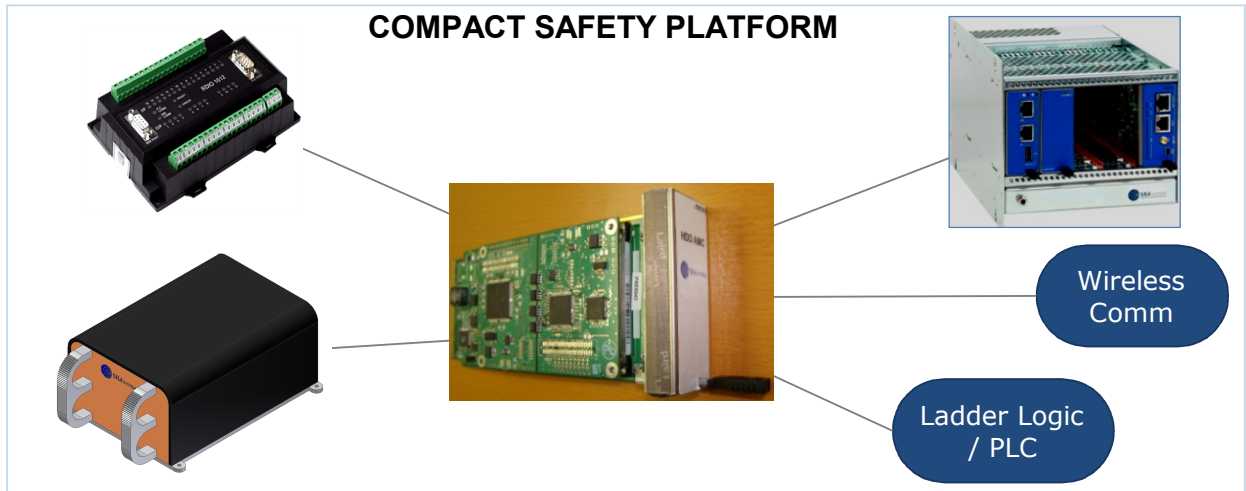


SIL4 Systems announces Compact Safety Platform for Discrete Safety Applications



SIL-Rated Smart Core IO units for Discrete Safety Applications



State-of-the-art Open Architecture Platform

- ◆ Smart Core - Diverse Processing
- ◆ Compact (WxHxD = 5"x 4"x 2")
- ◆ Flexible, Scalable

Modular Safety IO:

- ◆ CSP-0404: (4) Safety Inputs + (4) Safety Outputs; Ladder Logic Controller; Safety Serial Comm

Superior Connectedness

- ◆ Ethernet (RJ45 or 802.11.x)
- ◆ ProfiBus and Profi-Safe
- ◆ CAN, DeviceNet, ControlNet
- ◆ 2 serial RS-232/485 ports

Flexibility, Scalability

- ◆ Custom Power Input Conditioning
- ◆ Scalable to "16" Safety IO
- ◆ Scalable to "n" Non-Safety IO
- ◆ Adaptable to AMC.0 and MicroTCA Platform for expanded features.

Applications:

- ◆ Industrial Automation Field IO Module(s)
- ◆ Process Control and SIL-rated Sensors
- ◆ Discrete Safety Functionality

◆ **Environmental:**

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

Safety Level (please specify)

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

Reliability Level (please specify)

- ◆ STD MTBF: 20,000 hours
- ◆ Ultra-high reliability 2oo3, and 2oo4 architecture available. 40,000 hours.

Product Specifications

P/N	Specification
CSP-0001	Base Compact Safety Platform
CSP-0002	CSP-0001, w/custom PWR cond.
CSP-0404	CSP-0001, 4 Input + 4 Output
CSP-0808	CSP-0001, 8 Input + 8 Output
CSP-1616	CSP-0001, 16 Input + 16 Output

- ☒ **CSP-0001:** CSP w/heatsink, packaging, Ethernet, and (2) RS-232/485, SIL2 certification.

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