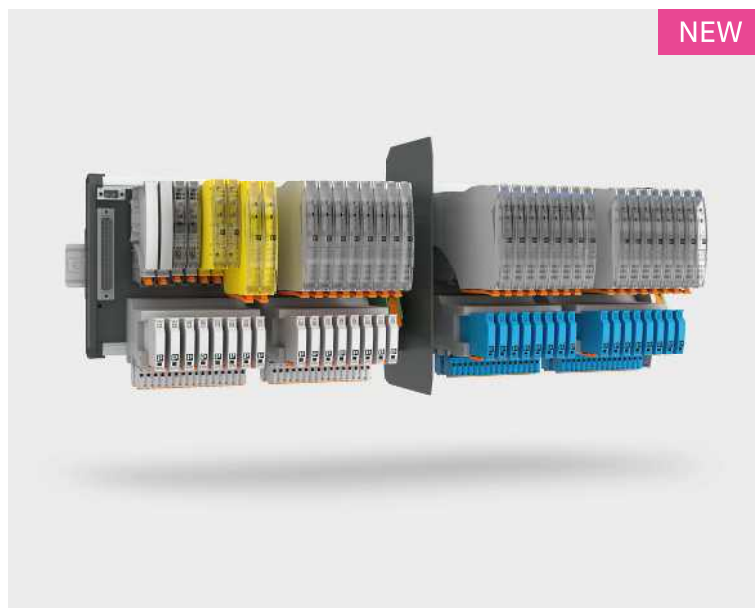


Signal marshalling for universal I/O systems

Compact, flexible, and highly functional

VIP I/O marshalling combines signal marshalling and processing in a compact, highly functional plug-and-play modular system.

Save on marshalling cabinets, design type-independent signal paths, and benefit from a wide signal and function spectrum.



Main features

- Measure and control Ex i/Ex e field signals
- Ex i/non-Ex i plug-in modules
- Field connection: Push-in Technology
- Controller connection: D-SUB
- Surge protection: Up to 40 kA/channel
- Installation altitude: ≤5,000 m (above msl)
- Temperature range: -40°C ... +70°C
- Approvals: Ex i, SIL 2/3, ATEX, IECEx, UL



➤ For more information, visit:

[Signal marshalling for Universal I/O systems | Phoenix Contact](#)

Your advantages

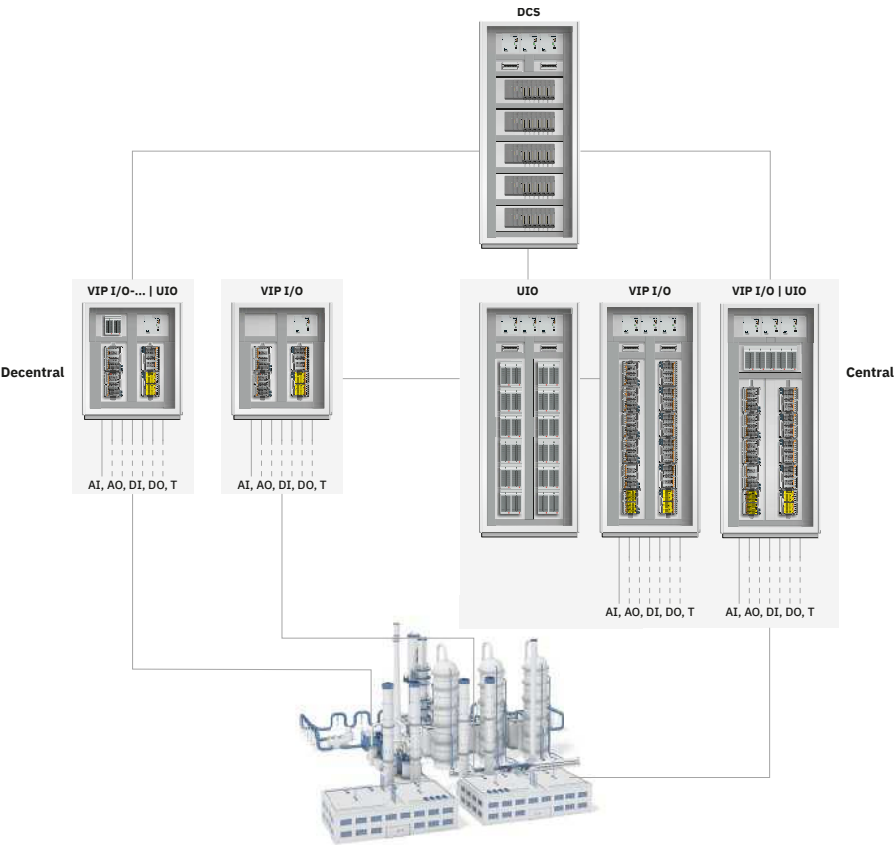
- ✓ Fewer control cabinets, high channel density: Marshalling and interface level in a unique, compact system
- ✓ Reduced project times: Plan type-independent signal paths, configure and test flexibly
- ✓ Plug-and-play configuration from various boards and plug-in modules
- ✓ Can be adjusted at any time: Rapid signal change with standing wiring
- ✓ Wide signal spectrum, including Ex i, SIL, and surge protection

Flexible signal path planning, design scalability, and secure protection

With VIP I/O marshalling, you can remain flexible for every requirement.

The slim, modular architecture grows with your system. The system integrates Ex i and Ex e signals as well as surge protection without additional hardware levels.

Ideal for central applications with high signal densities and limited space, as well as for decentral solutions that require short cable runs and easy extensions.



VIP I/O marshalling has been tested for the following DCS and Universal I/O systems:					
Manufacturer	DCS system	Controller	Universal I/O	Cable	Base module
Honeywell	Experion PKS C300	C300	PUIO (process)	D-SUB	BASE-MSTB/D37M/16CH/EX
Honeywell	Experion PKS C300	C300	TUIO (terminal)	D-SUB	BASE-MSTB/D37M/16CH/EX
Honeywell	Experion LX	HC900	RUSIO (remote)	D-SUB	BASE-MSTB/D37M/16CH/EX
Schneider Electric	EcoStruxure Foxboro DCS		Foxboro FBM 247/248 (process)	D-SUB	VIP/S/D25M/BASE 1-8/L/C/EX
Schneider Electric	EcoStruxure Triconex Safety System (SIS)		Tricon CX 3902X/AX (safety)	D-SUB	VIP/MSTB/D50M/BASE/16CH/CX/EX
Siemens	PLC PCS 7 AS (Sematic); ET200SP HA (decentral)		CFU CIO HART	D-SUB/OE	BASE-MSTB/D37M/16CH/EX
Emerson	PLC Emerson Delta V			D-SUB/OE	BASE-MSTB/D37M/16CH/EX