

**CYBERTECH****MAKING THE CONNECTION**

SEAMLESS INTEGRATION FOR OEM SKIDS

Integrating OEM process skids into industrial facilities can present a series of challenges, from communication and control system compatibility to cybersecurity considerations. Cybertech offers comprehensive solutions to ensure the smooth integration of third-party equipment into your plant's control systems.

PLANNING AND EXECUTION

Whether it's a standalone project or part of a larger greenfield initiative, Cybertech supports the planning and execution phases of integrating third-party process skids. We address key questions such as control hierarchy, customization options, redundancy requirements and operator interface unification.

TECHNICAL CHALLENGES

Cybertech specializes in overcoming the technical hurdles associated with integrating third-party control packages. From establishing communication interfaces to mapping data structures and ensuring synchronization between systems, our experts provide tailored solutions for seamless integration.

COMMUNICATION PROTOCOL EXPERTS

Cybertech has up-to-date and current experience with all standard DCS/PLC/Fieldbus communication protocols including:

- Foundation Fieldbus
- HART
- Modbus/Modbus+
- Modbus TCP
- EtherNet/IP
- DH+
- DF1
- DeviceNet
- Profinet
- ControlNet
- OPC
- MQTT

We also have experience with communication equipment such as Modicon Bridge-Mux, SST's X-Link, line drivers and converters.

Contacts

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Cybertech

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SEAMLESS INTEGRATION FOR OEM SKIDS

SOLUTIONS

COMMUNICATION INTERFACES

Cybertech offers customized interfaces and protocol converters to enable seamless data exchange between systems - establishing communication between local control systems and the main control system.

DATA MAPPING AND COMPATIBILITY

Our integrators ensure proper translation of data formats and units for seamless integration - ensuring compatibility and correct mapping of data structures.

SYNCHRONIZATION AND COORDINATION

Cybertech reviews and coordinates control actions between local and main control systems to optimize system performance.

CONTROL LOGIC INTEGRATION

We harmonize control philosophies and coordinate control loops for efficient operation - aligning control logic between different control systems.

ALARM MANAGEMENT

Cybertech integrates alarm states and diagnostic information into the main DCS for enhanced safety.

TESTING AND COMMISSIONING

We conduct comprehensive testing to verify functionality and reliability. We save valuable implementation time on site by doing factory acceptance testing prior to equipment delivery/installation - resulting in optimized startup experiences.

LEGACY SYSTEMS

We have experience working with all types of control systems to ensure compatibility.

COORDINATION WITH OEMS

Cybertech facilitates smooth communication and collaboration between clients and OEMs, ensuring a safe and efficient integration process.

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