

## Control System: Tech. Network P-198

In modern Process Industries and Office Buildings the overall Technical Network ensures the overall connectivity between:

- PLCs, Servers, Dataloggers
- Remote I/O
- MCC Controls - VSD
- Local Control Panels for discrete Equipment
- Gateways for Bus Comm. – Modbus RTU/IP, KNX, M-Bus ..
- Access Control System
- Intrusion Alarm System
- CCTV and general Surveillance

P-Engineering design and specifies:

- Architecture
- Power Supply Principle – Single, Redundant and UPS supplied
- Hardware Layout and Cabinets designs – Internal and External placement
- Equipment Specification – Switches, Firewalls etc.
- Cable Specification and Listing

Design will be performed in connection with e.g., end-users IT-department for architectural compliance. Depending on SCADA system and make of Switches the Technical Network will be monitored centrally and all Status be logged in the Event-server.

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*Example of a Rockwell Stratix Industrial Switch and Sierra Monitor Gateway.*