



Introduction

Integrated Supervisory and Control System, ISCS plays a crucial role to make a centralized and comprehensive operation for city metro. All the major systems, from vital to non-vital, from the field to center, such as AFC, PIS/PA, Clock, CCTV, BAS, FAS, PSCADA, ATS, TMS... etc. can be integrated into one single supervision and control room.

System Requirements

- High bandwidth with 10G capability to support multiple services into one big backbone network
- Flexible, fast recovery and dual ring network with failure-free power supply
- Routing and network protection to work with different network segments
- User friendly network management

Why Kyland

- Rich industrial Ethernet Switch portfolio ranges from 5 10/100Mbps to max. 48G/96G+4 10G
- Comprehensive network redundant functions, e.g. RSTP, DT-Ring, DRP (IEC62439-6), HSR/PRP(IEC62439-3) with sub-second recovery time and multiple ring connectivity
- Redundant & hot swappable power module
- Backbone Layer 3 switch supports RIP, OSPF, IEEE802.1X, ACL
- Own developed NMS with intuitive GUI , Kyvision3.0 for network monitoring and management

Recommended Products



SICOM6448G

- Layer 3 core switch
- Max. 48G + 4 10G ports
- Supports static routing, RIP, OSPF, VRRP
- Supports IEEE802.1X, ACL
- Supports STP/RSTP, MSTP, DT-Ring and IEC62439-6(DRP)
- Operating temperature -20 to 65°C



SICOM3028GPT

- Layer 3 multi-function switch
- Max. 28G ports
- Support static routing, RIP, OSPF, VRRP
- Supports STP/RSTP, MSTP, DT-Ring and IEC62439-6(DRP)
- Supports QoS, VLAN, SNMP



SICOM3016

- Max. 4FX + 16TX ports
- Supports STP/RSTP, MSTP, DT-Ring
- Supports QoS, VLAN, SNMP



SICOM3005A

- 2FX+4TX or 6TX Fast Ethernet ports
- 4 RS232/422/485 Serial ports
- Supports STP/RSTP, MSTP, DT-Ring and IEC62439-6(DRP)
- High EMC resistance



Kyvision3.0

- Supports max. 1000 nodes
- Supports LLDP and user-friendly GUI
- Supports historic operation journal and alarm log
- Supports real-time alarm via email or SMS

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ISCS Network Aggregation Solutions

