Alcom electronics

Featured supplier

KYLAND

Alcom and Kyland are leading innovators for solutions in the field of industrial networking technology. Kyland's mission is to build the next generation industrial control ecosystems based on internet connectivity.

Primary R&D directions are: industrial Ethernet communications technologies, IP-based industrial Fieldbus technologies, network-based field controller technologies, cloud-based industrial controlling server technologies, network-based precise time/clock technologies and control message communication security technologies.
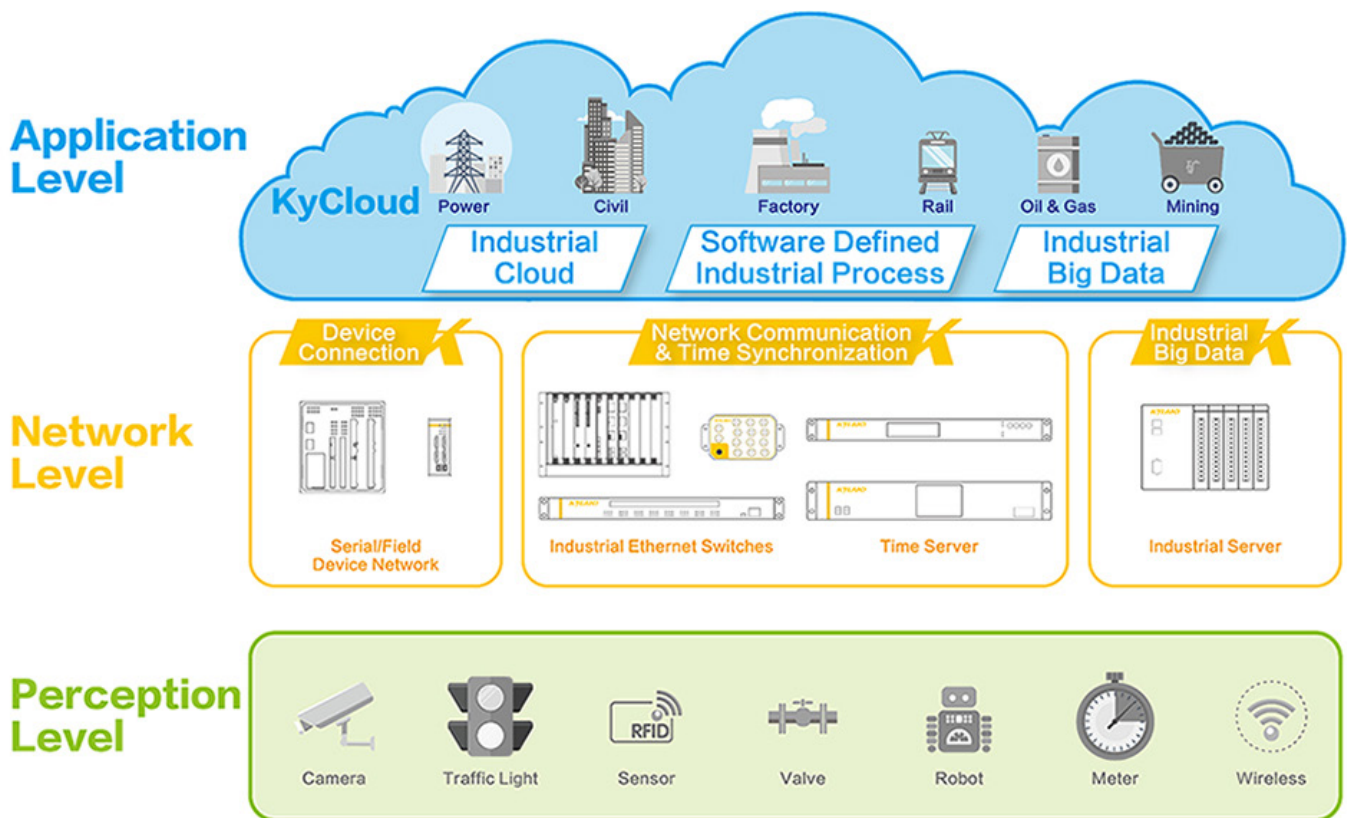
Kyland products have been deployed worldwide and have been proven to meet the requirements of harsh environments like nuclear power plants, substations, oil & gas fields, railway & public transportation, ITS, marine, and military.

Industrial Networking & Control Systems

Applications & Markets

Industrial Internet Based Intelligent Control System

Application Level

KyCloud — Power, Civil, Factory, Rail, Oil & Gas, Mining

Industrial Cloud | Software Defined Industrial Process | Industrial Big Data

Network Level

Device Connection — Serial/Field Device Network

Network Communication & Time Synchronization — Industrial Ethernet Switches | Time Server

Industrial Big Data — Industrial Server

Perception Level

Camera | Traffic Light | Sensor | Valve | Robot | Meter | Wireless
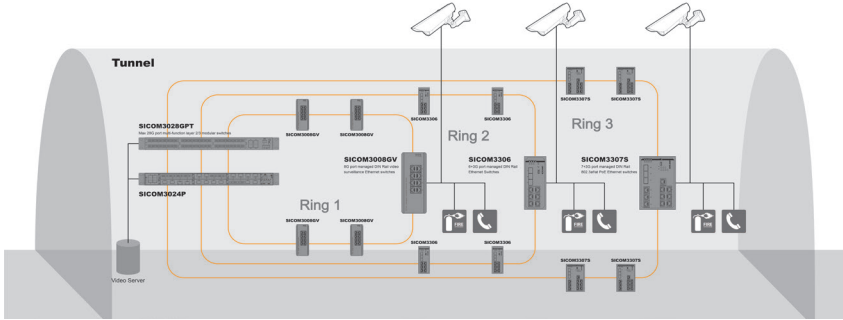
- High performance network management software, support not less than 10000 devices
- Support SCADA and 3rd party software
- Industrial level Rackmount or DIN-Rail type Layer 2/3 management switch with fanless design options, wide operating temperature, long MTBF
- Support Ethernet, serial, DI/DO access capabilities
- Support IEC62439-6/DRP, DT-Ring, RSTP network redundancy, up to<20 ms recovery time
- Industrial Profinet switches for industrial Ethernet network supporting Profinet v2.32, CC-B and IEC62439-2 MRP

Rugged Design & Manufacturing Capability

IEC 61850 | IEC 62439-6 | IP67 | IEEE 1588 | +85°C/-40°C | EN50155 | IRIS™ Certification

FC | CE | Ex | UL | cULus | RoHS | DNV | KEMA

Surveillance

SICOM3008GV
8G port
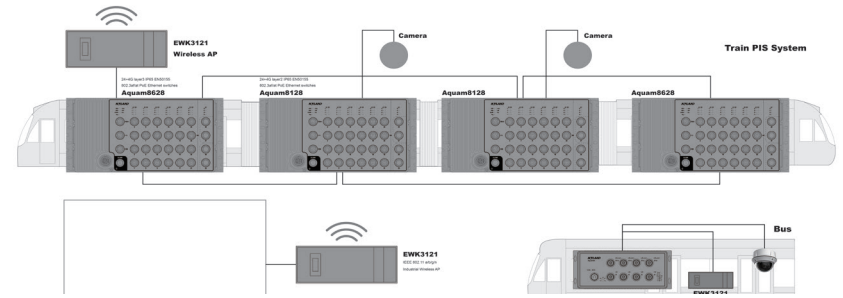Layer 2 Managed
DIN-Rail switches

SICOM3306
6+3G port
Layer 2 Managed
DIN-Rail switches

SICOM3307S
7+3G port
Layer 2 Managed
DIN-Rail PoE switches

Transportation

Aquam8628/8128
24+4G M12 Port
Layer 3/2 Managed
EN50155

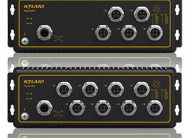**Aquam8620/8120**
16+4G M12 Port
Layer3/2 Managed
EN50155

Aquam8612/8112
12+4GM12 Port
Layer 3/2 Managed
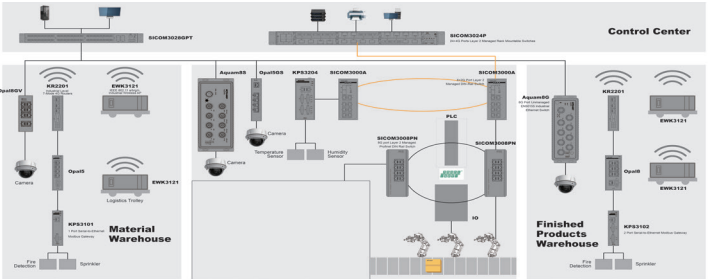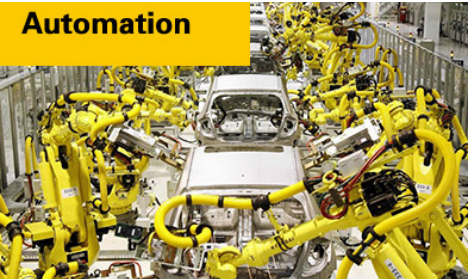EN50155

Aquam5S/8S
5/8 M12 PoE Port
Unmanaged EN50155

Aquam5G/8G
5G/8G M12 Port
Unmanaged EN50155

Aquam5/8
5/8 M12 Port
Unmanaged EN50155

Automation

SICOM3000A
8+2G Port
Layer 2 Managed
DIN-Rail Switches

SICOM3008PN
8G port
Layer 2 Managed
DIN-Rail

Opal5GS
5 Port
Unmanaged DIN-Rail
PoE Switches

KPS3101/3102/3204
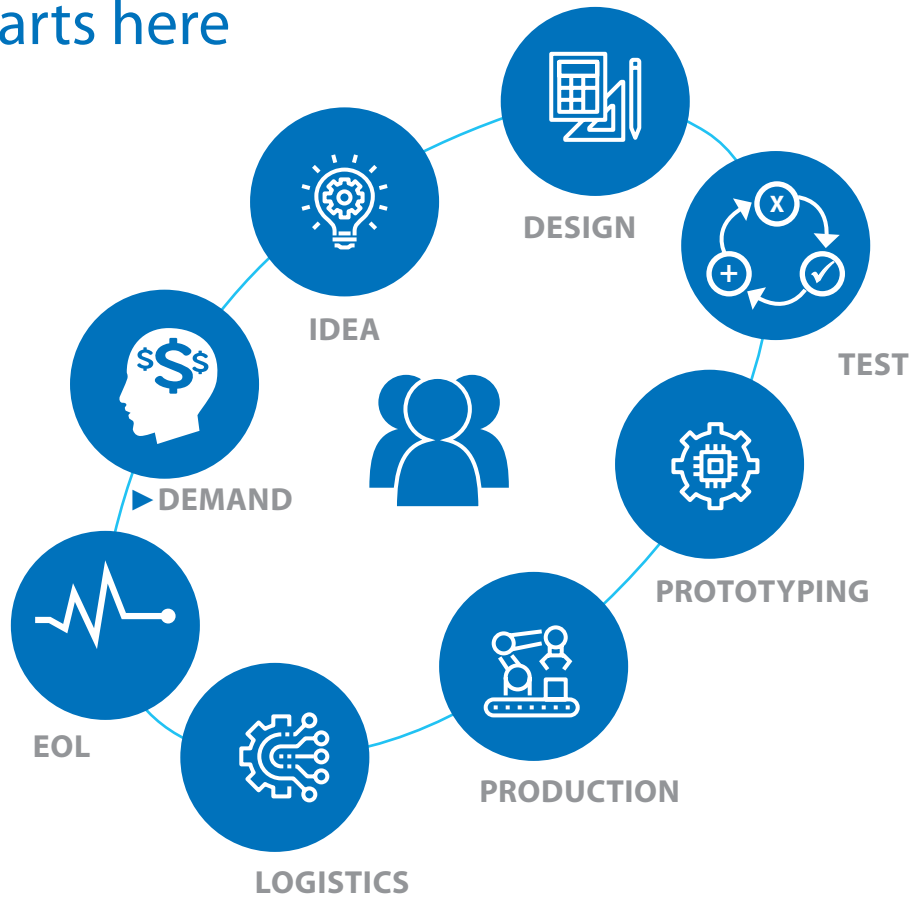1, 2, 4-port Standard
Serial-to-Ethernet
Modbus Gateways

KR2201
Industrial Level
7-Mode 4G Routers

EWK-3121
IEEE 802.11 a/b/g/n
Industrial Wireless AP

Co-creation starts here

DESIGN

IDEA

TEST

DEMAND

PROTOTYPING

EOL

PRODUCTION

LOGISTICS

ELECTRONIC COMPONENT SOLUTIONS	• Semiconductors • Passives • Electromechanical • Photonics	• Wireless Modules • Wireless Boxed • Networking & Connectivity
WIRELESS & NETWORKING		

DISPLAY & TOUCH	• Display • Touch	• LED • Solid State Lighting
LED & SOLID STATE LIGHTING		

EMBEDDED COMPUTING	• SBC, CPU & IPC • Memory Storage • Rugged Mobile Computing	• Power Conversion • EMC
POWER & EMC		

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