

Lantech®

Intelligent Transportation System SOLUTIONS

10_G

10G/2.5G multi-ports for high-speed network

- 4X, 6X, 8X 10G/2.5G



PoE / System Galvanic Isolation

- Up to 4-Layer isolation protection
- 3KV power input to system
- 1.5KV system to Ethernet



IEEE 802.3 AF/AT/BT PoE
(BT only for OS3 and above)

- PoE BT 60W/90W
- PoE AT 30W

Perpetual and Fast PoE



Advanced Security

- IEC 62443-4-1 Certified
- IEC 62443-4-2 Compliance
- DDoS Attack Protection
- TACACS+ & RADIUS
- MACsec for high bandwidth security
- ACL Ingress/Egress
- SSL/SSH/HTTPS
- Dynamic ARP Inspection
- IP Source Guard
- Port Security

**L3
L3L
NAT**

Powerful engine for smooth multiple high resource tasks

- Hardware NAT/PAT
- Security encryption
- L3 protocols:
 - RIP v1/v2; VRRP;
 - DVMRP; OSPF;
- PIM (DM/SSM/SM/BSR);
- Inter-VLAN Routing;
- Router-on-a-stick

**Layer
2⁺**

Complete L2+ (IPv4/IPv6)

- DHCP option 82 & Port based, Mac based DHCP, Option 7/42/60/66, DHCP Snooping, IPv6 ready
- PXE • OOB • MSTP/RSTP
- IGMP • QoS



Optional Automation Protocols

- PROFINET
- MODBUS
- BACnet



PTP V2 & gPTP

- Two-step processing
- 802.1AS (gPTP)
- IEEE 1588v2 (default)
- IEEE C37.238-2017
- Power Profile IEC 61850-9-3
- TC: Transparent clock
- BC: Boundary clock
- OC: Ordinary clock



Linux Bonding for device link redundancy
ITU G.8032 Ring for network redundancy



Milestone Plug-in Compatibility for xProtect Smart Client

- Network discovery
- Device management
- Network topology
- Switch health monitoring
- Basic switch configuration
- Switch actions
- Import/export configurations
- Firmware upgrade
- Dashboard
- Switch GUI/CLI access
- User management
- Events and logs



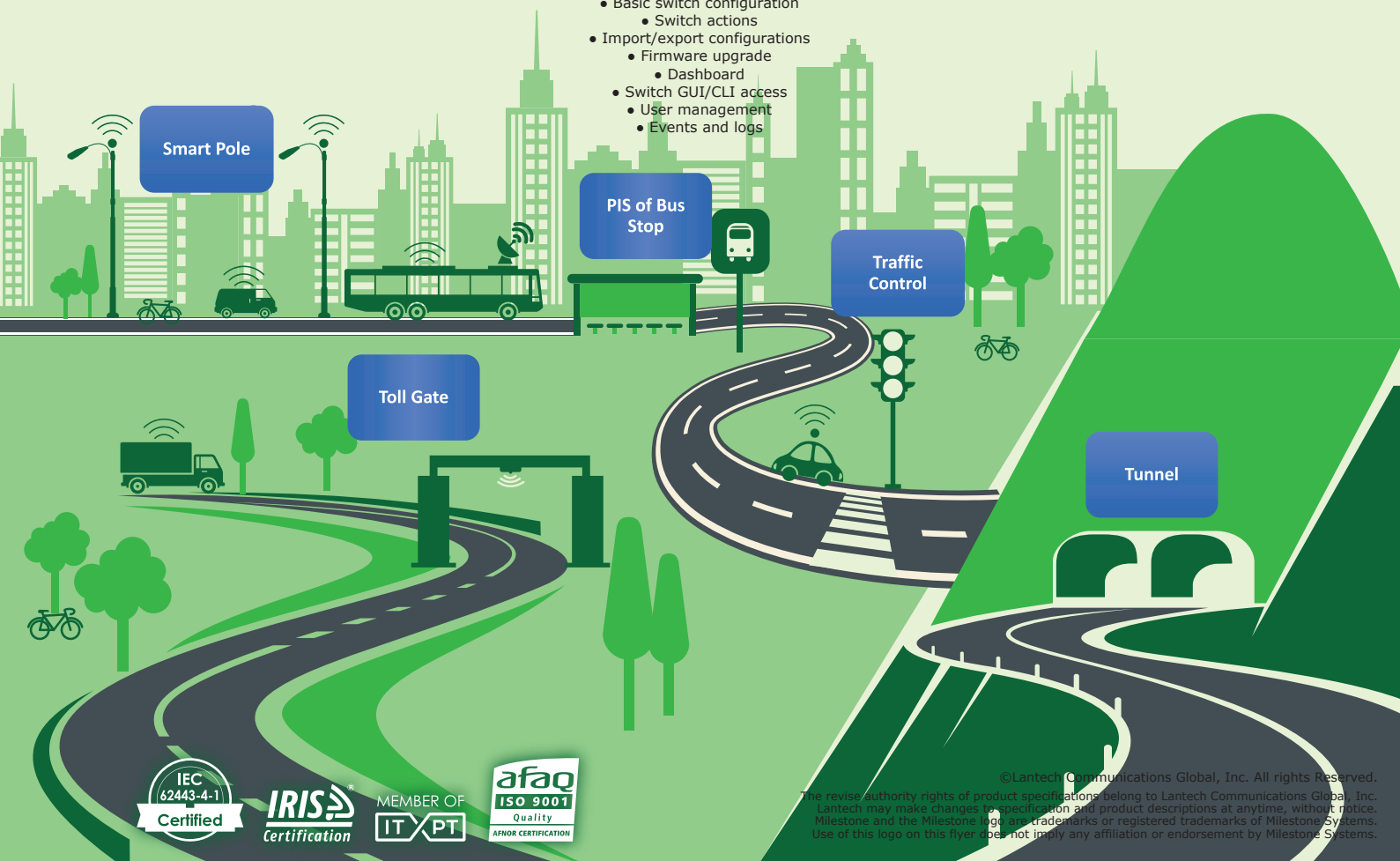
OPEN API document format for Restful API; CLI & Web GUI



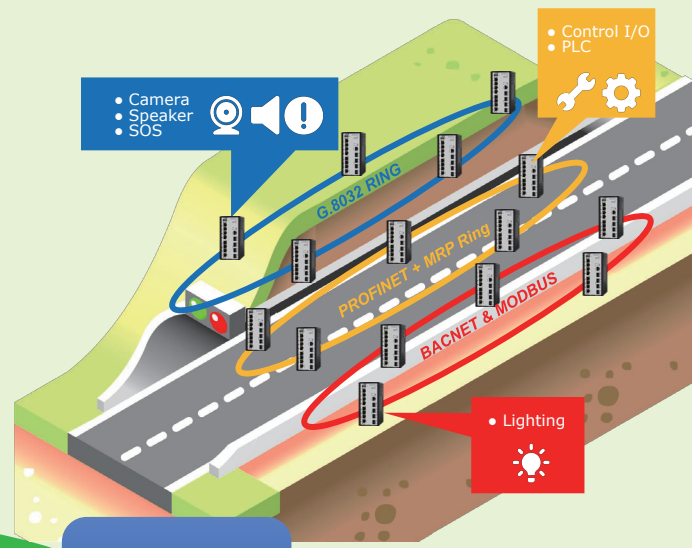
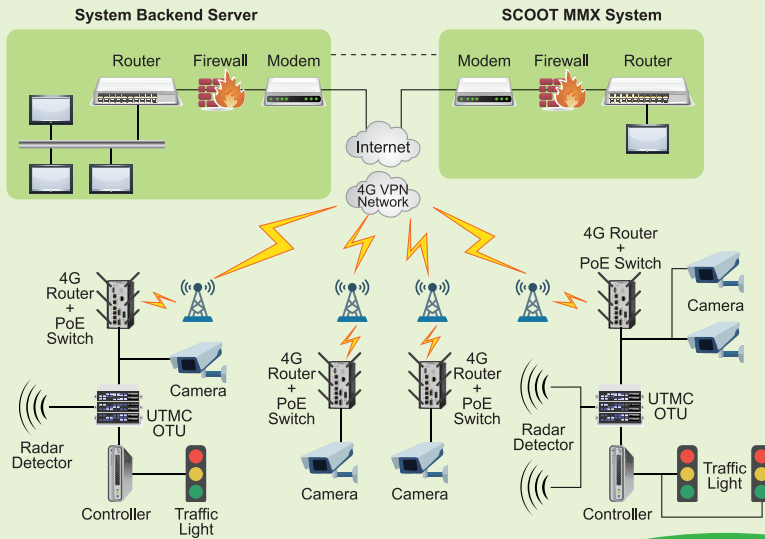
Health Diagnostic Snapshot, Watchdog, Topology View & Enhanced Environmental Monitoring



Auto Feed Config for swapped switch & Auto Provision



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- Car license plate recognition
- Traffic flow monitoring
- Traffic control IO
- Video surveillance

Traffic Control

Tunnel

- IP Phone
- Traffic Sign
- Fan Controller
- VMS
- IP Cam

Industrial Ethernet Switches



Industrial Wireless Routers

Industrial Media Converters



PIS of Bus Stop



Timely and accurate information

Smart Pole



- Wi-Fi hotspot
- CCTV
- Streetlight

Toll Gate



- Video surveillance
- Lane control system
- LTE for data or real time video streaming
- Automatic vehicle identification



Download Flyer

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