

# Lantech®

## Intelligent Transportation System SOLUTIONS

**10<sub>G</sub>**

**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
- VRRP aware PIM
- 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 • IGMP
- MSTP/RSTP • ITU Ring
- Port based VLAN
- Tag VLAN
- Protocol based VLAN
- Subnet based VLAN
- QinQ • GVRP • 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



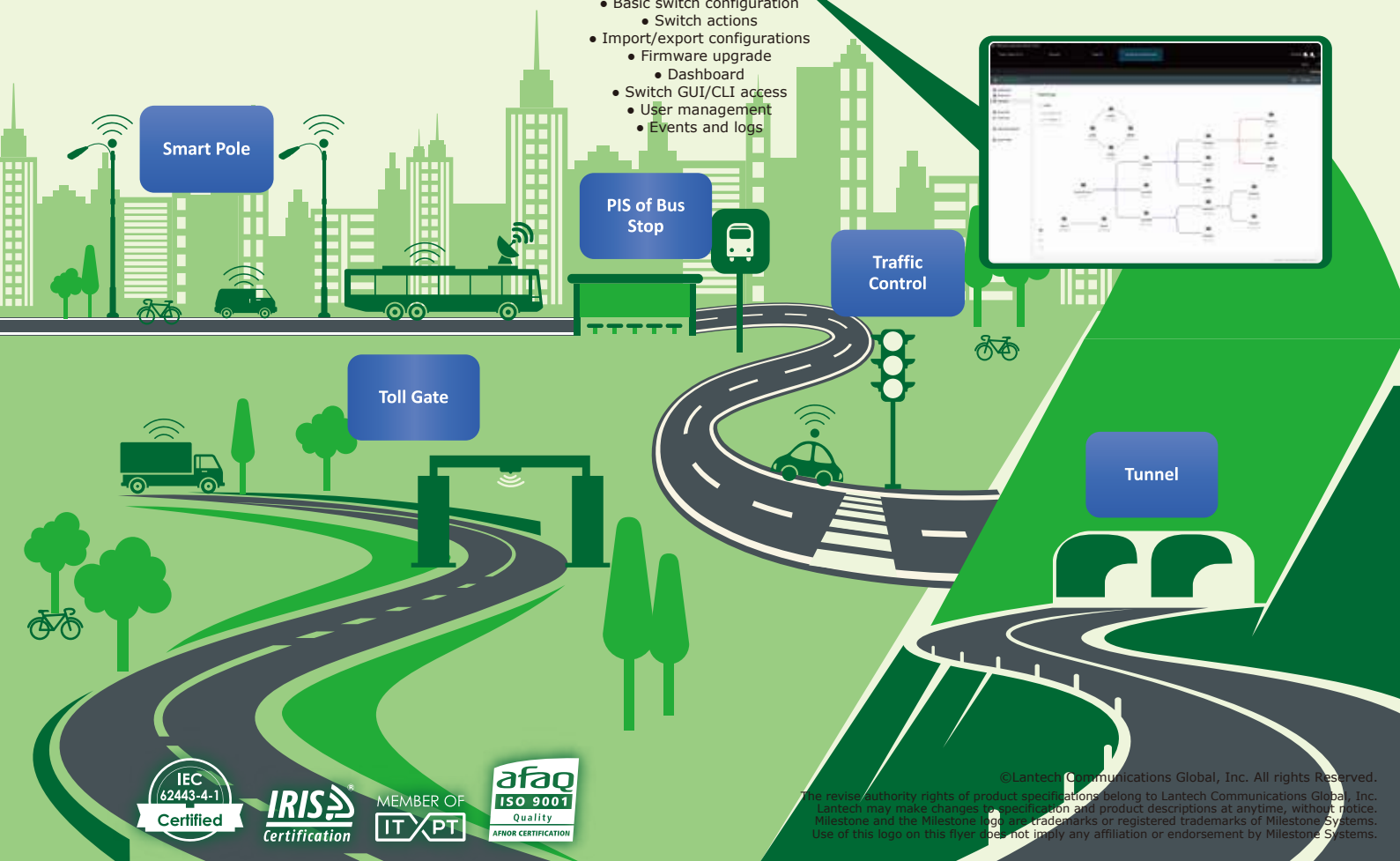
**OPEN API document format for Restful API; CLI & Web GUI**



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

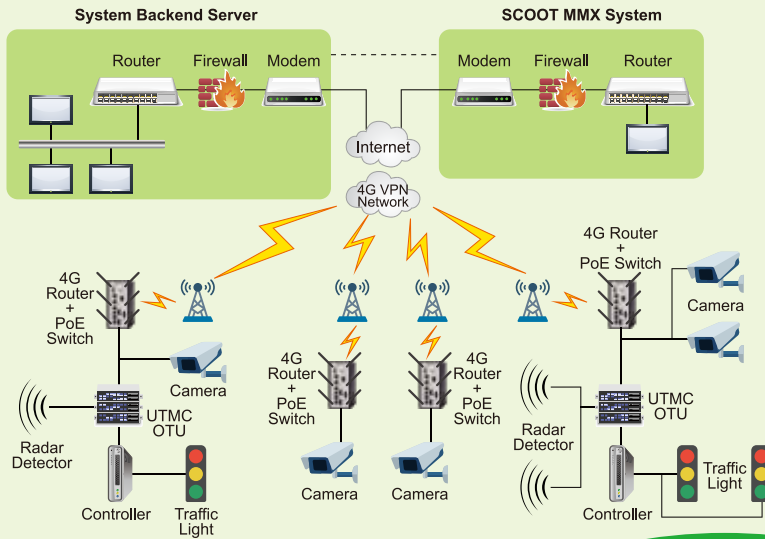


**Auto Feed Config for swapped switch & Auto Provision**



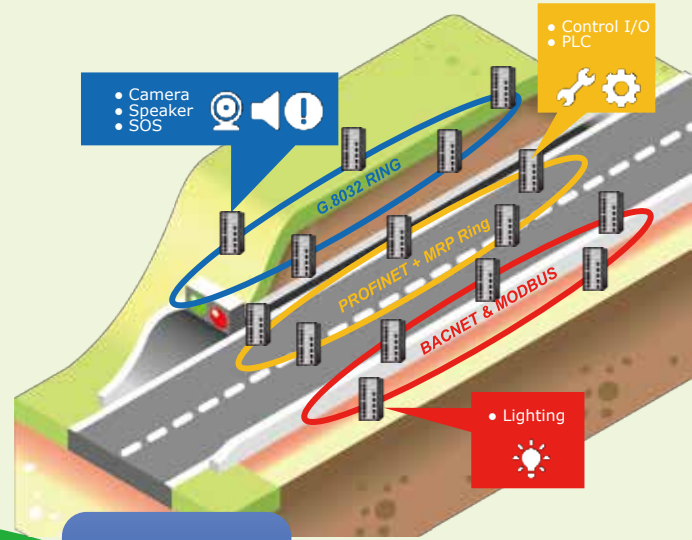
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- Car license plate recognition
- Traffic flow monitoring
- Traffic control IO
- Video surveillance

### Traffic Control



### Tunnel

- CCTV
- IP Phone
- PA system
- VMS
- Traffic Sign
- Fan Controller
- Lighting Control
- Gas Detection
- Fire Detection
- Linear Detection

### 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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