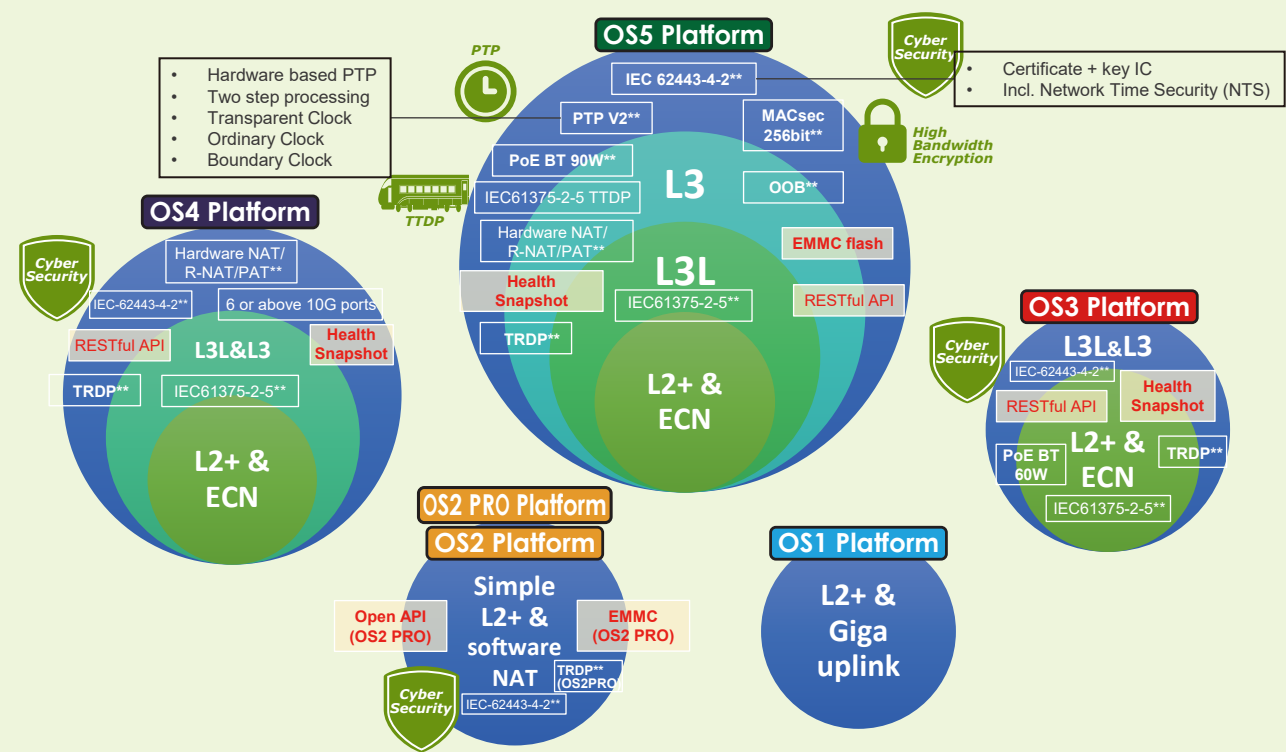


Managed Switch Generations



Lantech®



Download Flyer

Rail Networking SOLUTIONS

License Pack L3 vs. L3L



	Layer 3	Layer 3 Lite
Unicast Routing: RIP v1/v2	●	
Multicast Routing: DVMRP	●	
Hardware NAT: Static NAT (OS4/OS5)	●	
Hardware NAT: PAT (OS4/OS5)	●	
R-NAT** (OS4 only, built-in IEC 61375-2-5)	●**	
Multicast Routing: PIM (DM)	●	●
Multicast Routing: PIM (SSM)	●	●
Multicast Routing: PIM (SM)	●	●
Multicast Routing: PIM (BSR)	●	●
Unicast Routing: OSPF	●	●
VRRP	●	●
VRRP aware PIM	●	●
VLAN routing	●	●
Static Route	●	●
Rescue Mode	●	●
TTDP (IEC 61375-2-5)**	●**	●**
IP based port	●	●
DHCP pool with per VLAN	●	●
DHCP for TTDP**	●**	●**
PTP** (OS5)	●**	●**

**Optional

Our Customers and many more

GERMANY

On-board Networking

UK

Upgraded Pendolinos

FRANCE

Wireless Communication

USA

Passenger Wi-Fi

SPAIN

Metro Barcelona

NETHERLANDS

OBIS Platform

NETHERLANDS

GVB Tram

FINLAND

Helsinki Tram

AUSTRALIA

Sydney Metro

SINGAPORE

MRT

TAIWAN

Lantech Communications Global, Inc.

7F, No.33, Sec.1, Tiding Blvd., Neihu Dist., Taipei, Taiwan, 114066

Tel: +886-2-2790-2589

www.lantechcom.tw

EUROPE

Lantech Communications Europe GmbH

Philipp-Kachel-Str. 42a, 63911 Klingenberg, Germany

Tel: +49 9372-50959-97

sales@lantechcom.eu

www.lantechcom.eu

UK

The Barracks Business Centre, Wakefield Road, Pontefract, West Yorkshire WF8 4HH

Tel: +44 (0) 1977 877477

ken.woolley@lantechcom.tw

NORTH AMERICA

MS Transit Solutions (Sales Representative)

USA: 10375 Banyan Breeze Blvd. Land O Lakes, FL 34638 (Phone: 813.453.7551)

CANADA: Barrie, ON, L4M 6G2 (Phone: 705.229.8866)

dbarrett@mstransitsolutions.com

bustrains13@gmail.com

+1 656 444 6109

mslugocki@mstransitsolutions.com

SOUTH AMERICA

claudio.silva@lantechcom.tw

AUSTRALIA

Lantech Communications Australia Pty Ltd.

Suite #11, 1044A Dandenong Road, Carnegie, VIC 3163

Tel: +61-3-7036-0400

sales@lantechcom.com.au

www.lantechcom.com.au

SINGAPORE

25 Bukit Batok Crescent

#10-07 THE ELITIST

Singapore 658066

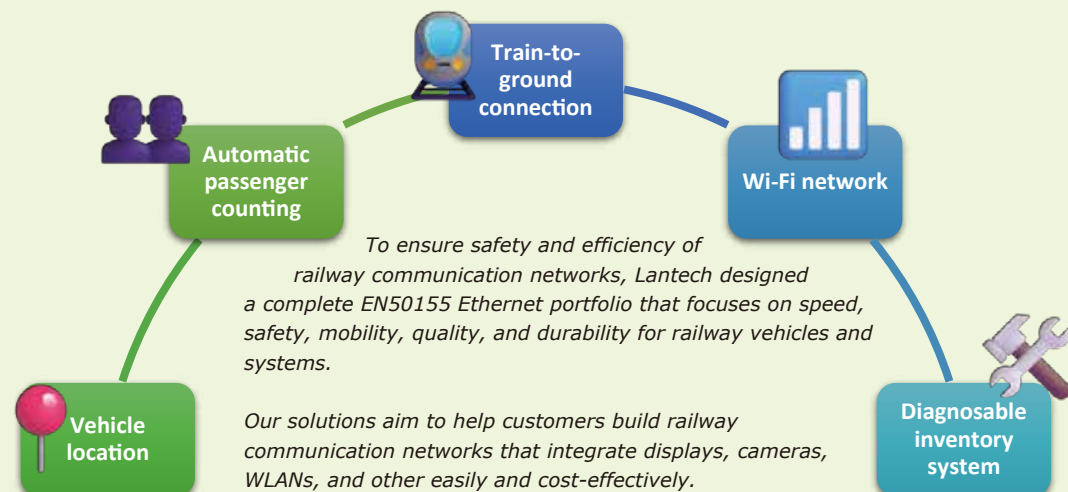
lim@lantechcom.tw



10G Ethernet

1G Ethernet

Serial



To ensure safety and efficiency of railway communication networks, Lantech designed a complete EN50155 Ethernet portfolio that focuses on speed, safety, mobility, quality, and durability for railway vehicles and systems.

Our solutions aim to help customers build railway communication networks that integrate displays, cameras, WLANs, and other easily and cost-effectively.

10G

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

- 2X, 4X, 6X, 8X 10G/2.5G

PoE / System Galvanic Isolation; Power transient & Inrush current protection

(Sustain transient up to 165V)

Wide voltage 24TVI/WVI input with 80W/120W/450W PoE budget

- 24TVI: 16.8~56VDC
- WVI: 16.8~137.5VDC
- Perpetual and Fast PoE
- PoE BT 60W/90W
- PoE AT 30W

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
- Secure Key IC

Powerful engine for smooth multiple high resource tasks

- Hardware NAT/R-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

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

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

Linux Bonding for device link redundancy

ITU G.8032 Ring for network redundancy

Auto Feed Config for swapped switch & Auto Provision

Support OPEN API document format for Restful API

Health Diagnostic Snapshot & Enhanced Environmental Monitoring

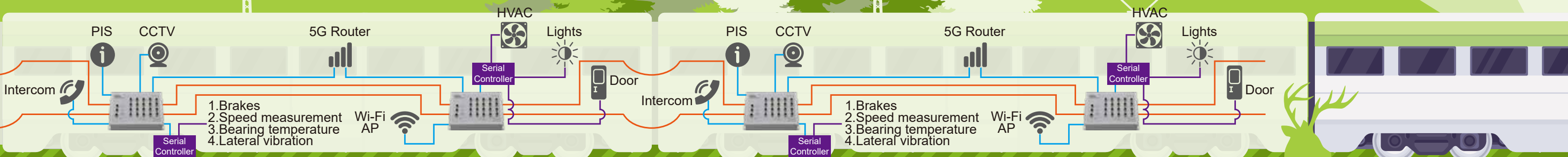
Optional LantechView for Lantech devices maintenance

- Batch Config
- Batch Firmware Upgrade
- Schedule Reboot/Upgrade/Backup

Built-in IEC 61375-3-4 ECN to work with IEC61375-2-5 TBN; TRDP protocol

Optional Automation Protocols

- PROFINET
- MODBUS
- BACnet



— 10G Ethernet — 1G Ethernet — Serial