

## **Security and long life from Technorail**

Technorail is meeting the rail industry's demands for certificated security and extended service life from the design of access covers, cabinets and doors.

### *Security - FTN project*

Technorail has supplied LPCB (Loss Prevention Certification Board) approved lineside cabinets to the initial phases of work at the Wakefield location of the National Fixed Telecoms Network (FTN) project.

It is the first project of its type with a specification that clearly provides for the use of LPCB approved cabinets.

LPCB certification is a long-established system of third party approval, recognised internationally by government, police, local authorities and other agencies tasked with security.

Technorail not only offers the widest range of LPCB approved security products for the rail sector, it also provides risk assessment of sites and full technical consultation to identify the lowest cost solution.

The Ultrasecure cabinets will provide an appropriate, certified level of security to help safeguard the efficient, long term operation of the new GSM-R radio system and railway operational circuits.

### *Extending asset life*

Technorail has also completed a contract for Network Rail, delivered via Thales Telecom Services (Network Rail's telecoms maintainer), to design, manufacture and install enhanced environmental and high security cabinets.

They have been installed at four radio mast relay stations located on third party owned RETB sites high in the Welsh hills.

The cabinets have been installed around existing equipment cabinets to provide better environmental protection and more stable surroundings to combat prevailing rain.

The solution eliminated the need to relocate the mast power unit and cables to new cabinets, avoiding signal downtime and costly interruption of train services.

To be effective over the longest term, the cabinets were finished with Technorail's extra specification of post galvanising – Duragalv™ 140 - to cope with extreme weathering and local atmospheric corrosivity.

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*Illustration ref: 26019 LPCB cabinet rail*

Certificated security products with demonstrable service life will provide the best return on investment for rail infrastructure.



*Illustration ref 26019: Radio mast cabinet*

Technorail Ultrasecure twin door cabinet, with high specification Duragalv 140 post-galvanising, provides enhanced protection of existing cabinets.

