

Technorail profile

Technorail has been a specialist designer, manufacturer and installer of high security, physical protection systems for the rail industry for almost a decade.

The company's extensive range of Ultrasecure engineered steel security products provides high quality solutions to the problems of theft and malicious damage on the rail network.

Systems include access covers, cabinets, housings, doors, enclosures and buildings for securing many different trackside services (particularly signalling equipment) and stored materials vulnerable to vandalism, arson or theft.

The choice ranges from location apparatus cases, SPAD signal boxes and switch clamp cases to communications enclosures, telephone housing boxes and underline cable crossing access covers.

Solutions

There are proprietary solutions for virtually every shape, size and function of equipment: walk-in modular secure enclosures and cabinets, emergency equipment stores, modular staging platforms, and high security doors for buildings and relay rooms.

The latest innovation revolutionising the task of hardening rail assets is the Ultrasecure wrap-around replacement security housing or cabinet.

These provide a virtually instant, modular solution to the problem of damaged, outdated or unsecured location cabinets or enclosures for signalling, communications and other equipment.

The Ultrasecure wrap-around housing is installed directly around existing structures without the need to dismantle the original housing, disconnect equipment or disrupt services.

Standards

With a focus on setting standards in rail asset protection, Technorail continues to push the envelope in the design and engineering quality of its Ultrasecure range.

In line with the gravity of security engineering, the company has developed its widely respected 'Total Service' approach to product supply.

This harnesses a range of important consultation processes and value-adding services to ensure products are precisely matched to the application, providing the correct level of security at lowest cost.

Total Service begins with a thorough site consultation and risk assessment. This is undertaken by experienced technical advisors who gather relevant site, application and management information to determine the appropriate security specification for the product solution.

Detailed design and approval procedures follow to ensure engineers and other project personnel are happy with technical and constructional specifications.

Skilled fitters

As a final assurance of quality and security performance, Technorail products are installed by an in-house team of skilled fitters with relevant industry certification - COSS, Lookout and PTS. These experienced fitters ensure that the final installation is handed over in perfect and secure working condition for long-term, problem-free service.

Products are backed by a host of quality accreditations and industry certification, including LPCB approval, a leading third party certification regime for security performance. Many systems carry LPCB security rating 3 or 4, providing exceptional resistance against physical attack, in some cases meeting anti-terrorist criteria.

Technorail is a Link-Up and London Underground approved supplier, and products carry PADS approval where relevant.

Post-galvanising

The final element in Technorail's leading approach to rail asset protection is extra long life post-galvanising.

The company offers three different thicknesses of Duragalv zinc coating, designed to provide required service life taking into account local atmospheric corrosivity.

The highest specification, Duragalv 140, provides a cost-effective alternative to stainless steel for coastal regions and areas of high atmospheric corrosivity.

Duragalv 140 provides a minimum 140 microns thick coating, twice the minimum 70 microns required in BS EN ISO 1461: 1999 (Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods).

Technorail is a division of Technocover Ltd, a group of innovative, high specification steel fabrication companies, all established leaders in structural support or high security physical protection for demanding engineering applications.

Manufacture of the Technorail range benefits from the group's advanced steel fabrication facilities based in Welshpool, Powys. Featuring state-of-the-art laser profiling and steel fabrication machinery, the production line operates to ISO9001: 2000 quality assured procedures for design and manufacture.

ENDS

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Photos:

Site installation by TechnoRail (wrap around system) of new location apparatus cases to replace old unsecure units

UTX underground cable crossing access cover unit

TechnoRail logo



TechnoRail