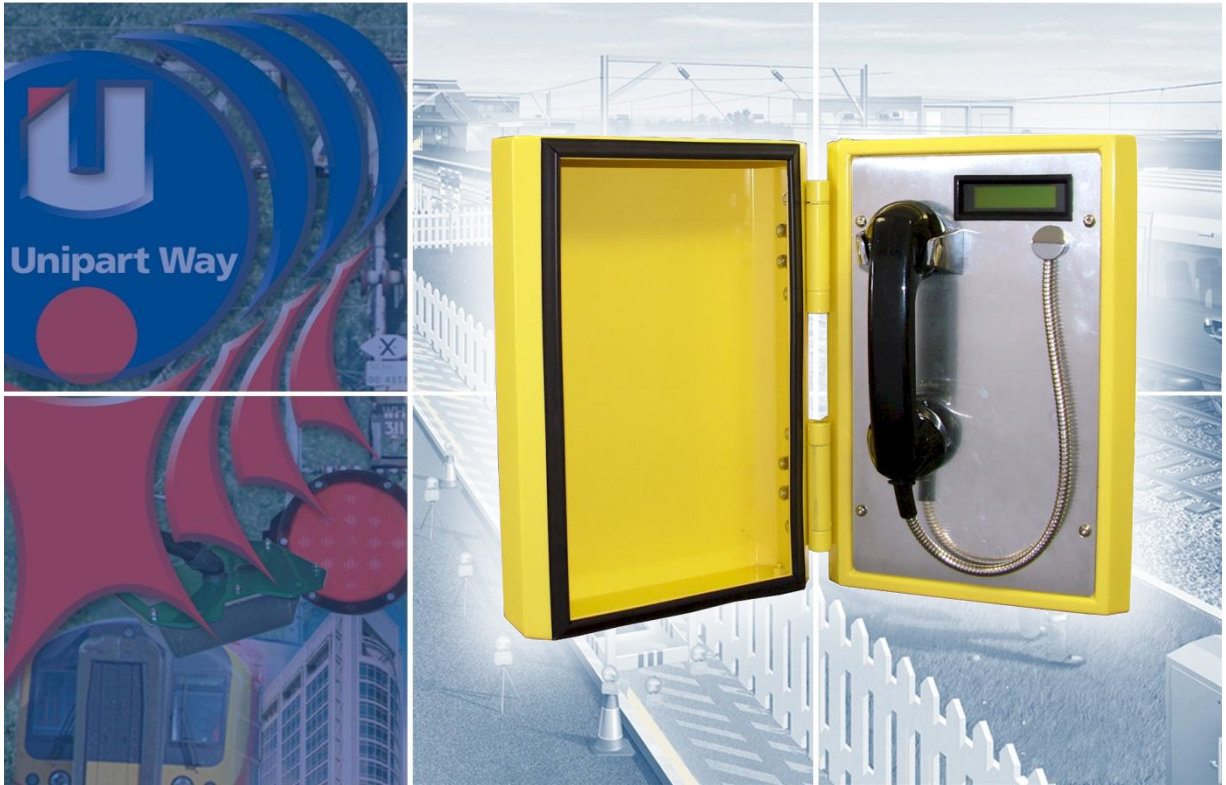


GSM/GSM-R Lineside Telephone with Data Capability



Unipart Rail together with Lloyds Register Rail has collaborated to develop a new wireless, self-contained telephone. It has been designed to be positioned at any lineside location where voice and / or data communication is required. With GSM or GSM-R connectivity, this flexible unit can be configured for a variety of locations and applications including user worked crossings, signal post telephones and remote condition monitoring.

Features

- Solar panel and battery designed to keep unit operational during periods of low light
- Alternative power sources if required
- Anti vandal and weather proof design
- Conventional user interface
- Remote configuration and monitoring
- Backlit LCD display for user instruction and information
- Post designed to fit on a standard concrete base (CAT No. 04/012658)
- Suitable for both temporary and permanent installations

Benefits

- Remote condition monitoring - supports monitoring and status reporting of remote devices
- Low whole life cost
- No line side power or dedicated telecommunications infrastructure required
- Easy to deploy – standalone unit supplied ready to use
- Low maintenance
- High availability through self-diagnostics and health reporting

Background

Lineside telephones have historically relied upon copper cabling and, where required some form of transmission system to provide communication from the telephone to the control location. The availability and reliability of GSM and GSM-R networks provides a viable alternative to traditional lineside communications. The GSM / GSM-R lineside telephone's multi-functional capability provides a low cost opportunity for data transfer as well as voice communications.

Data connectivity

The GSM / GSM-R lineside telephone's flexible data capabilities can provide remote condition monitoring and / or control of a variety of lineside equipment including:

- User worked crossing gate position
- External camera equipment
- Obstacle detectors
- Dynamic signage

Data can be provided in a variety of formats including SMS and email. Data can also be transferred to a central management system for processing and interfacing with external systems.

Available from:

Unipart Rail, Gresty Road, Crewe, Cheshire,
CW2 6EH, UK

T +44 (0) 1270 847600 **F** +44 (0) 1270 847601

