



Newgate Barrier

24v direct replacement for 95% of barriers on the network

UNIPART
RAIL

Solution for 24V schemes

Unipart Rail and Newgate are working in partnership to allow Newgate barriers to be installed on any 24V scheme to offer a significant reduction in operational and maintenance costs. Applicable for life extension or new installations.

Seamless Replacement for Traditional Level Crossing Barriers with Newgate's Interface:

Unipart Rail introduces a game-changing solution for level crossings with our innovative interface location case, which allows the advanced Newgate barriers to be a direct replacement for traditional barriers mechanisms.

This specially engineered interface is designed for compatibility, making the transition as smooth and cost-effective as possible.

Key Features

- Electromechanical
- Tested to more than 2.5m operations
- Robust and built to last
- Civils footprint the same as 95% of existing installed barrier mechanisms
- Includes an approved SIL 3 rated safety controller
- Data monitoring equipment installed

Cost-Effective Maintenance Intervals:

Unlike traditional systems that often demand frequent maintenance every 13 weeks, Newgate's electromechanical barriers are engineered for extended maintenance cycles, requiring 2 and 5 yearly inspections.

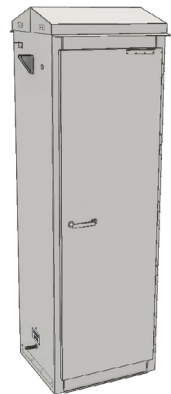
This dramatically reduces operational costs, freeing resources and minimizing disruptions to service - Resulting in up to 5x reduction in maintenance costs.

Repair costs reduced to insignificant value based on history of barriers on network:

There around 60 out on network currently which have had minimal failures

Data Monitoring

- Date, time start and stop
- Angular positions
- Motor voltage & current
- Ambient and cabinet temperatures
- Time to raise/lower
- Lights on/off



For more information, please get in touch

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