



Performance in motion



# Newgate Barrier

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



# Solution for 24V schemes

Unipart 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 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.

## 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:

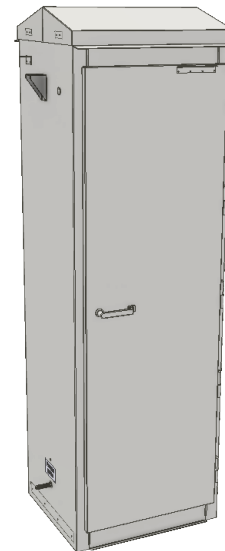
There around 60 out on network currently which have had minimal failures.

## 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

## Data Monitoring

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



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