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Translink Fortwilliam Train Cleaning Facility

Translink is Northern Ireland's public transport provider and one of the largest companies in Northern Ireland with a turnover in excess of £100m. Over 75 million passenger journeys are made on Translink services each year. In summer 2005 Translink's new £11.4 million Belfast train cleaning facility was installed with CEM's webEntry™ security system by CEM approved reseller Fire and Security Ltd.

The 170 metre long, 30 metre wide and 10 metre high train facility was built by Translink to ensure that 23 new C3K trains purchased as part of its £80 million investment programme remain in first class condition. The prestigious train cleaning facility situated on Translink's Fortwilliam railway site in Belfast, will allow ten trains on a nightly/daily basis to undergo intensive cleaning.

CASE SUMMARY

Location:
   Belfast , Northern Ireland

System:
 CEM:
   webEntry

First class security…

webEntry was chosen for the facility due to its ease of use and ability to control up to 32 doors via a web browser. As a web based access control system, webEntry allows full administration of system functions using any networked PC with Microsoft Internet Explorer web browser installed.

For a low cost solution Translink opted for CEM DCM 150 (Door Control Modules), to interface 3rd party HID Proximity card readers to the webEntry system. Onsite workers can only gain access using a valid proximity card, ensuring the train wash is free from unauthorized access and threats of vandalism. Secure areas include the rail workshop, office and driver facilities, along with restricted access to the train wash area where expensive and specially designed train wash equipment is installed.

"As system installers we found the webEntry™ system incredibly easy to operate and install," said Ken Galbraithe, Security Systems Consultant at Fire Security Ltd.

Central to the facility design was the construction of a dedicated operations room where system administrators can view the entire site.

Making use of webEntry features such as Real Time Event Display (RTED) all associated doors and gates throughout the facility are monitored and controlled. RTED proved particularly useful for monitoring the 7m high electronic roller shutters that are opened automatically via sensors as trains approach the facility. As the shutters open RTED instantaneously alerts the Translink duty controller of shutter movements thereby signalling train arrival/departures.

External control…

Another feature that is ideal for the daily operation of the train facility is webEntry's unique 'Oneshot' feature.

From the operator PC, and making use of CCTV surveillance, the user can remotely open external entry gates located just off the railway track. This simple 'Oneshot' command enables contract engineers that have not been issued with permanent ID passes the ability to gain temporary access. The system also records the gate or door that has been opened using Oneshot for effective monitoring and reporting.

Time Zone Access…

Using webEntry's Time Zones feature the train wash facility, which is operational 24 hours a day, can set predefined time permission levels for cardholders. This ensures Translink can manage staff working patterns such as Day/Night shifts to ensure cardholders can only gain access during allocated times.

Keeping on track for the future…

As investment at the signature Translink facility continues the webEntry system can be easily expanded to secure up to a maximum of 32 entry points or beyond using the CEM AC2000 system.

"If Translink's requirements change over time the webEntry system can be easily upgraded to the AC2000 system offering the possibility to add future Translink sites at a later stage," continued Ken Galbraithe.

Secure for service, the futuristic, stylish and award winning train cleaning facility has been fully operational since autumn 2005.

"As system installers we found the webEntry™ system incredibly easy to operate and install. webEntry can be easily upgraded offering Translink the possibility to add future sites at a later stage."

Ken Galbraithe
Security Systems Consultant,
Fire Security Ltd.