

Neath Port Talbot Borough Council uPASS Target Installation



The Client

Frontier Pitts Ltd, based in Crawley, West Sussex, is the leading manufacturer of Security Gates, Automatic Barriers, Road blockers, Rising Bollards, and Pedestrian Control Turnstiles and Gates.



The Challenge

Neath Port Talbot Borough Council contacted Frontier Pitts to upgrade an existing road blocker and tag system. The existing system had been installed for over twenty years.

The road blockers are used to permit access for buses only, through an area where other vehicles have previously used the road as a bypass to avoid other traffic hotspots in the area.

The Tag system technology has progressed greatly in the last twenty years, and the Council were keen to upgrade the system. The same system is also installed and has been in use at Swansea University since 2018. This was to ensure vehicles from both sites could use the same tags across both access control systems.

There was also an issue with vandalism in the area, so consideration had to be given to ensure the readers are installed appropriately, to avoid damage.

The Benefits

- ▶ Vehicle can be detected at up to 10 metres
- ▶ Operates in all weather conditions
- ▶ UHF vehicle tags are inexpensive and easy to fit to vehicles
- ▶ Vehicle tags can be read at any orientation
- ▶ Avoids the need for manned gates
- ▶ Prevents unauthorised vehicle access
- ▶ Using the same technology readers expanded the system enabling buses to access both sites

The Solution

Nortech advised Neath Port Talbot Borough Council on the right technology for their application and recommended the uPASS Target readers. The readers have a read range of 10 metres so they could be mounted on high access control posts, to solve the problem of vandalism.

Customer's Comment

The choice of uPASS Target readers and vehicle tags provided us with solutions to our initial problems and has been a resounding success ever since.

Phil Frohwein

Lighting & Telematics Engineer