



NORTECH CONTROL SYSTEMS HYPERX™

THE CHALLENGES

- Large number of council fleet vehicles and staff vehicles.
- Previous systems unreliable and suffered from radio frequency interference from telecommunication polls and broadcasting.

THE BENEFITS

- High frequency range avoiding interferences.
- Hands free vehicle access control.
- Site safety increased.
- Incorporated with traffic light system.



Customer Case Study Nottingham City Council

The first installation of Nortech's new Hyperx access control system with guaranteed long distance read range has been successfully completed for Nottingham City Council.

An access control system was needed for the council's main refuse transfer depot, a large 14.5-acre site which is used in excess of 750 council fleet vehicles and over 500 staff vehicles. The new system was required to replace the previous access control system that suffered from unreliability and interference from neighbouring telecommunication polls and broadcasting frequencies.

On specifying HYPER X, installer Laurence Goode of Broughton Controls explained, "It was the perfect solution for the application as it operates using 2.45GHz microwave technology which moves away from the very congested lower frequency ranges so completely eliminating electromagnetic interferences from external sources."

Two HYPER X readers interfaced with barriers are installed at the entry and exit points with hands free HYPER X tags used by personnel and in vehicles. Not only does the access control system provide security for the site but it is also used for safety reasons to control traffic using the single exit / entry lane, in conjunction with a traffic light system.



Steve Farnsworth of Nottingham City Council is delighted with the system. He comments, "HYPER X is a first class system and has been absolutely marvellous. I would definitely recommend it for similar scenarios".

HYPER X has many benefits over traditional access control systems. These include guaranteed reading distances in any application irrespective of the style of reader used; no tag positioning constraints meaning that HYPER X reads tags in any orientation even when the tag is placed at 90° to the reader; HYPER X utilises semi-passive tags which means that the battery life is completely independent of the number of uses; resulting in a guaranteed life of seven years and a guaranteed performance throughout this period.

Nortech Control Systems is at the forefront of the Vehicle and Personnel Access Control industry.

For over 15 years the company has specialised in the design, manufacture, and supply of Access Control systems and believes the roots of its success lie in the strong relationships it has built and maintained with its customers and partners.

The combination of Nortech's innovative range of products and highly trained staff mean customers can put their minds at rest when it comes to security.

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