



NORTECH CONTROL SYSTEMS

Parking Management Systems

THE CHALLENGES

- Central London location
- The public taking advantage of the facilities.
- Single lane entrance causing confusion and congestion.

THE BENEFITS

- Secure facilities available for guests.
- Use of existing room key cards, which can be used time and time again, reducing costs.
- Sign displaying when spaces are / are not available.



Customer Case Study

Novotel, Greenwich, London

In the heart of London, just minutes away from Canary Wharf and the Royal Observatory, the new Novotel hotel in Greenwich is in a prime location. The hotel offers a private underground car park for guests.

The facilities are accessed from a public road via a single-lane slope leading down into the car park. This meant vehicles could not enter and exit at the same time. Also members of the public could easily use the car park, restricting the service offered by the hotel to their guests.

Nortech delivered a Nortimepro solution; a package comprising of an encoder, a ticket dispenser, a card capture pedestal, Variable Message Sign, capacity counters and magnetic stripe readers.

When a guest drives into the car park, they are stopped at a ticket dispenser where they must take a ticket. The pedestal also contains an intercom for communication with reception staff. Taking the ticket will cause the barrier to raise. Due to the single lane, the system has 2 barriers. Once the vehicle has moved through the first barrier, the 2nd barrier will operate and allow the vehicle into the carpark.

The driver will take their ticket to the reception area where there are 2 options: (a) Guests check in and have their room key encoded to allow free entering and exiting of the car park, (b) Charge the non-guest driver for their parked time and issue them with a single-exit token.

On exit, the vehicle stops by a pedestal containing a motorised reader. Here the non-guest drivers will insert their token and exit. The guests will insert their room key cards, which are read and then returned to the driver allowing exit. However on the last day of stay, the card will be retained by the motorised reader, allowing the driver to exit. The hotel can use the cards time and time again. As with the entrance, once the vehicle has passed the first barrier, the 2nd barrier will raise allowing exit.

The system also incorporates a capacity counter and Variable Message Sign (VMS). The capacity counter is set with the number of spaces available, which decrement / increment when a vehicle enters / exits. The sign at the entrance will display 'OPEN' until the counter reaches zero, in which case the display will change to 'FULL'. In this situation the ticket dispenser will be disabled until spaces become available.

There is a secure door from the hotel to the car park. Guests wishing to return to the car park from the hotel must swipe their validated card through a magnetic stripe reader situated near the door.

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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