



Cardiff & Oxford Smarter Parking Electrical Infrastructure

Case Study



Background

Smart parking systems, as part of connected smart cities initiatives are installed to increase parking compliance and reduce instances of unauthorised parking.

Both Cardiff and Oxford City Councils had approached Smart Parking Ltd to introduce new areas of smart parking and increase their existing smart parking assets across the cities.

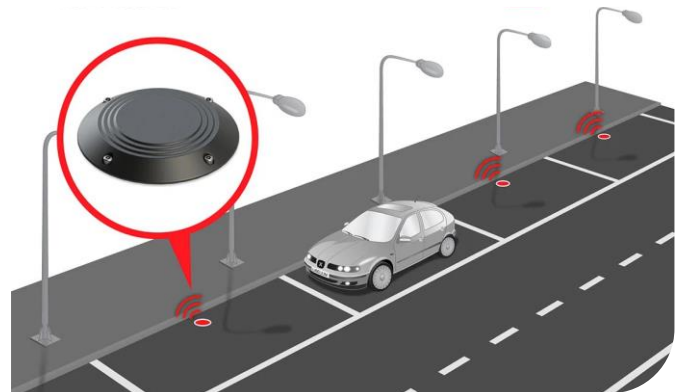
Delivery

Centregreat was contracted by Smart Parking Ltd to provide all electrical infrastructure to supply power and allow data transfer to and from the on and off street SmartEye vehicle detection sensors, as well as for the ANPR cameras at designated parking locations. This advanced real-time vehicle parking sensor solution then provides the end client with the relevant live information to effectively monitor and manage their public parking sites.

Centregreat delivered all trenching, ducting, cabling and termination for the electrical provision. This included works within the busy city centre environments, with works within the highway under the control of our in-house Qualified Streetworks Supervisor. Effective Traffic Management solutions were designed and employed to manage the interface with the public, deployed in accordance with the Local Authority specifications, including the use of Heras fencing and pedestrian barriers as appropriate.

Outcome

We successfully managed this challenging environment, with zero complaints from local stakeholders, Smart Parking, or the Local Authorities.



Client: Smart Parking Ltd (Ultimate client Cardiff & Oxford Councils)

Value: Circa £40k

Delivery Period: Apr 2019 – May 2019