

CASE STUDY: LONDON DOCK

CONSTRUCTION

BRIEF

The Client had 4 requirements:

1. Design a bespoke automation system for new swinging gates and wicket gate.
2. Integrate access control and other third party triggers.
3. Provide access to both vehicles and pedestrians
4. Incorporate safety features to ensure the systems comply with the machinery directive BS: EN 12453:2001.



SOLUTION

1. UPSCALE

London Dock by St George is situated in the heart of Wapping, just moments from Tower Bridge, the Tower of London, St Katharine Docks and the City. This exciting new destination features a thriving new cultural quarter, featuring a magnificent choreographed central water feature and the finest selection of high quality new homes. The client required automation to be fitted to the unique set of swinging gates leading to the underground car parking area for residents. Having contacted Ansador, a specification was drawn up utilising an automation system with a swinging gate system for vehicle access and a wicket gate for emergency access only.

2. MONITOR COSTS

Collaborating with the client's technical department, Ansador automation engineers ensured that the access control system that was specified was wired and programmed accordingly to ensure both systems were compatible with each other. With the gate and automation underway, the installation was carried out ensuring a timely delivery so as to minimise any disruption to the site.



CHALLENGES

The team faced a number of challenges during the installation including freezing temperatures however managed to push through the elements and complete the installation. The system was commissioned and handed over on schedule to a very happy client.

3. BESPOKE SYSTEM

With the gates coming in at 5000mm wide x 5000mm high, these needed to be fitted with heavy duty overground motors. The safety element was of paramount importance however a cohesive plan was designed and implemented. The new gate automation system ensured that the gates complied with the machinery directive BS: EN 12453:2001.



RESULT

-  Pedestrian and main vehicle gate installed to manage vehicle access and emergency access.
-  Integrated automation and access control systems.
-  Door contact installed to use the wicket gate in a safe manner in an emergency only.

FACT BOX

Systems Used



FAAC



DAAB

Service



Access Control



Safety Features
BS: EN12453



Automation