

One Glass Wharf, Bristol

Location: Bristol

Industry sector: Corporate

Client: Balfour Beatty Engineering Services

One Glass Wharf is a newly constructed 215,000 square foot office development in the centre of Bristol. The building opened in March 2010 and forms part of the stylish development of the Temple Quay area. The main occupant is law firm Burges Salmon, who employ 650 people on the site.

Trinity secured the contract to design, supply and install fire detection and security systems for the project through Balfour Beatty Engineering Services. Trinity had previously worked with Balfour Beatty on the St David's shopping centre and they identified our ability to deliver complex projects on time. As a result Balfour Beatty knew that Trinity would meet the stringent requirements of the consultant, WSP; the client governed financial

constraints of the project, and the essential delivery of the scheme on time.

Chris Davis, Project Manager at Balfour Beatty, said he was delighted to be working with Trinity, "Our previous experience with Trinity and their ability to offer a complete package was a significant factor in us selecting them for the work."

The Trinity contract commenced in April 2009 and involved the installation and commissioning of 44 CCTV cameras, a networked Gent fire system with 4 control panels, intruder alarm, access control, security gates, and a disabled refuge system.



The fire and security systems are managed in a purpose built control room with a bespoke console incorporating the fully integrated CCTV, access control, intruder alarm and fire system controls and monitors. The comprehensive cause and effect matrix ensures a safe passage for a person leaving the building in an emergency situation; in an instance the relevant doors are released by the fire system and monitored by the CCTV.

Part of the security system includes the compact underground car park, where access control administers use of the car park, identifying cars or cyclists, and opening either bi-fold or wicket gates to authorised vehicles. The CCTV monitors safety of visitors in the basement, and when in the lift the access control is activated and prompts cameras to follow the visitor into the building. The system allows visitors to travel in nominated areas; alternatively there is an intercom which puts them in contact with the security team.

Chris Davis commented on his previous knowledge of Trinity, "Trinity are very experienced with large complex projects, and take a very proactive and professional approach to ensure that the finished systems are aligned and tuned to the client's requirements".

Following completion of the project Trinity have been employed by the managing agents to ensure that the systems are kept in optimum operational condition.



Installed

- 1 Control centre
- 1,300 Fire alarm devices
- 44 CCTV cameras
- 144 Access control points