

Sovereign installs the first-ever lift destination system with TDSi in Wales at Ty Admiral Head Office



The Project: Ty Admiral, Cardiff

Type of Site:

Large headquarters building in a central location

Number of users/doors:

5,000 card holders

Solution required:

An efficient access control and lift integration system that reduces time wasted waiting for lifts.

Products used:

TDSi's Software EXgarde and OTIS Lift System

Sovereign Fire and Security has recently completed a state of the art building management system at Ty Admiral in Cardiff. The new access control and lift destination system reduces time spent by staff queuing and improves the efficiency of people getting to their work floor. The system, which has been developed together with TDSi and the lift manufacturer OTIS, is the first one of its kind in the UK.

Admiral is one of the largest employers in South Wales and has recently moved to their new HQ, Ty Admiral in Cardiff, with a capacity of approximately 5,000 people.

In partnership with:



Admiral recognised there was a problem with staff waiting for lifts at break times, lunch times and other busy times of the day; resulting in hundreds of human resource hours being wasted each week. Therefore Admiral commissioned Sovereign Fire and Security to install an access control and lift destination system into the design of their premises. Sovereign has been working on the new system with developer and manufacturer of integrated security and access control systems, TDSi.

How the integrated lift system works

Previously upon entry employees would call the lift and choose the floor they needed. With the new integrated system, once the employee's card is presented to the access control reader at the secure speed gate, a message is sent to the system and an LCD screen then displays the lift number that the employee needs to enter. The lift will already be set to their destination. The system will also send anyone else entering the building who needs to go to the same floor, to the same lift. This saves time not having to stop at each floor.

The new lift destination system will have the added benefit of making the company more environmentally friendly by saving electricity consumed and improve time-management.



Mike Sussman, Technical Director at TDSi commented:

“This solution utilises TDSi's newly developed component for our EXgarde security management software and is largely the result of developments in network access and fully integrated security systems. Whilst this project was a bespoke development for Ty Admiral, this integration tool will be available to all our customers moving forward. Additionally, there is an option to integrate directly with the keypad on a modern lift, to ensure access for the individual is limited to authorised floors only and can be amended quickly and simply by the security team.”

Marek Jakubczyk, Managing Director at Sovereign Fire and Security said:

“Our company is leading the way in innovation to help businesses become more efficient through clever business management systems using the latest technology. The new access control and lift destination system at Ty Admiral is a great example of how technology can be used with security systems to enable the business to run more effectively. Ty Admiral’s system also has the added benefit of being more energy efficient and decreasing time wasted on breaks.”

Sovereign Fire and Security and TDSi have a close working partnership. Last year TDSi named Sovereign Fire and Security as the UK Platinum Partner of the Year 2014 in recognition of the close working ties and ongoing success. TDSi recognised its partner's specification and installation excellence, whilst Sovereign Fire and Security highlighted the reliability and compatibility of TDSi’s products. Combining these strengths, the partners offer excellence and innovation to customers such as Admiral, whereby a vision and technical ability has provided a ground-breaking and highly successful solution for a busy business facility.



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