



LLOYDS OF LONDON

SECURING THE WORLD'S LEADING INSURANCE PROVIDER

Lloyd's began in Edward Lloyd's coffee house in Tower Street in the City of London. Although the exact date of its establishment is unknown, evidence exists that Lloyd's coffee house was well-known in London business circles by 1688.

Edward Lloyd provided reliable shipping news and a variety of services to enable his clientele of ships' captains, merchants and wealthy men to carry on their business of insuring ships and their cargoes with each taking a share of risk. By signing their names one beneath the other on a policy, together with the amount they agreed to cover, they became known as 'underwriters'.

By the end of the 18th century the underwriters had elected a committee and moved to their own premises in the Royal Exchange. This exclusive club of Lloyd's underwriters has developed over three centuries as the world's leading insurance market providing specialist insurance services to businesses in over 200 countries and territories. Lloyd's is home to 44 managing agents and 62 syndicates, which offer an unrivalled concentration of specialist underwriting expertise and talent.

Lloyd's present building at One Lime Street was officially opened by HM Queen Elizabeth in November 1986. This facility is one of the most spectacular modern buildings in the heart of London's financial district with its construction being predominately steel and glass. The bell from the ship HMS Lutine was salvaged and is located in the underwriting room. Formerly used to announce news of overdue ships, it is now only rung on ceremonial occasions.

Electronic Access Control was provided as an element of the

original mechanical and electrical building services works and at that time complemented the physical, manned and procedural security regime. However increasing security threats prompted a review of their existing security measures. The existing Access Control System was proving difficult to support with expansion and reporting capabilities being limited.

Being an experienced user of Electronic Access Control Systems, Lloyd's, in conjunction with their facilities provider ISS Coflex, produced an access control system requirements brief and invited a number of potential suppliers to offer solutions. This exercise concluded with Lloyd's awarding G4S Technology a contract to provide a Symmetry™ Enterprise Security Management System (SMS) to replace and expand the existing installation with a combination of Mifare smart card readers and integrated smart card and biometric readers at some 90 locations. Controlled pedestrian barriers were also being provided at the entry/exit locations.

System design allowed for the SMS to reside on a dedicated bi-directional network ensuring a highly fault tolerant secure solution was achieved. High capacity SMS multiNODE distributed intelligent controllers, each accommodating up to 50,000 card holders, are provided to support smart card readers controlling turnstiles at each location. Whilst wishing to improve the level of security, Lloyd's also wanted an aesthetically pleasing appearance. To achieve this objective, turnstiles from IDL's Fastlane range were selected and configured to provide 21 lanes of control over five locations. Whilst retaining a Manned Security presence at each controlled location, combined Access and ID cards only need checking by exception, essentially of those persons whose



"Replacing and expanding the existing Access Control solution"

cards are not authorised for automatic entry via Card Reader controlled turnstiles. Simultaneously, the buildings perimeter security has been raised and maintained to a consistently higher level. Within the facility, integrated smart card and biometric readers are employed to restrict access to a number of sensitive areas and rooms.

G4S Technology's SMS imports data via the clients LAN from a standalone I.D./Access card production system populating the access control data base.

Prior to commencement, G4S Technology carried out detailed design work and established a mutually agreed project plan indicating key dates and timelines. Disruptive or noisy work was undertaken outside of normal working hours. It was also essential to maintain the security integrity of the building during the period of bringing the SMS on line and removal of the existing system.

About G4S Technology

G4S Technology is part of G4S plc, the world's leading international security solutions group.

G4S Technology designs, manufactures, installs and maintains fully integrated building security systems, protecting everything from small offices and schools to large multi-national organisations and high security Government facilities. G4S Technology has been providing unified security solutions for over 30 years, delivering 30,000 systems across 80 countries, to mitigate risk and protect staff, premises and assets.



G4S Technology

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