



# HALLIBURTON

## SYMMETRY™ SECURITY MANAGEMENT SYSTEM SECURES ALL SCOTTISH SITES

Halliburton, founded in 1919, is one of the world's leading providers of products and services to the oil and gas industries. The company's operations involve the full lifecycle of oil and gas reservoirs throughout the world, adding value to each process. These include initial exploration and development, through to production, operations, maintenance, conversion and refining, and ultimately, through to infrastructure and abandonment. Halliburton employs over 100,000 staff spanning in excess of 120 sub-companies. G4S Technology is responsible for securing each of their Scottish sites, including premises in Aberdeen, Montrose, Wick and Arbroath. Halliburton is currently responsible for 11 owned buildings and nine leased premises within the area. G4S Technology oversees the security of each of these sites.

G4S Technology has been securing the interests of Halliburton since 1998, through the installation of our integrated access control and CCTV system. The original contract between the two companies entailed the provision of access control and CCTV to seven operational premises in Aberdeen. These buildings were of a variety of sizes, necessitating varied security solutions. The smaller buildings were equipped with between three and five access control door readers, whereas the larger sites required in the vicinity of 12 readers. Each building was also installed with integrated CCTV surveillance to protect the external site perimeters.

As Halliburton grew in stature over the ensuing years through the acquisition of various new buildings, each site was incorporated into the existing security system. Additional outlying sites such as those in Marywell, Montrose, Arbroath and Wick were also then incorporated into the central security network.

The comprehensive, multi-site system is monitored from a central control room, manned by G4S Technology personnel. This physical presence is provided by G4S Secure Solutions, as an addition to the technology installed by G4S Technology. The guards also deploy a dedicated mobile patrol service, undertaking manual security checks morning and night. This 'human' presence is not essential, as the G4S Technology technical software is able to oversee all movements onto, within and out of the sites, however Halliburton chooses to retain a combined technical and human security team.

Len Findley, Security Manager for Halliburton, expresses his satisfaction with the G4S Technology installation. Halliburton is "very pleased with all aspects of system quality, personnel and response to all system matters."

One of the principal instigators for Halliburton's choice of G4S Technology as its security provider was our ability to provide a fully comprehensive, multi-site security solution. The integrated system has been extremely well received since its installation and the working relationship between both companies continues to thrive. Various amendments have been made to the installation over the years, including the most recent transition from a system operating across dedicated fibre connections to a system operable from the main premises security network. The principal requirement from the G4S Technology security solution was to uphold the safety of Halliburton personnel and premises - this has now been achieved and maintained successfully since 1998, thanks to the integrated security solution designed, installed and maintained by G4S Technology.



"Very pleased with all aspects of system quality"

As part of the security installation, Halliburton is now able to manufacture and issue its own identity cards, via the card production system provided by G4S Technology. The production facility is based at the central control room and Halliburton staff are able to produce new and replacement cards for staff and visitors as required. Staff members can be provided with (in accordance with access rights) admission to each Halliburton site on the network, via the same photo identity card. At one point there was in the region of 6,000 cardholders.

The access control solution from G4S Technology is a scalable enterprise system, capable of coping with unlimited cardholders and configurations. The software is designed, as you would expect from a Microsoft® Gold certified partner, as a user-friendly, secure package which is easy to manage and includes many innovative and unique features.

G4S Technology's security management system is compatible with Windows® 2000 and Windows® XP operating systems and uses the Microsoft® SQL Server 2000 Desktop Engine (MSDE2000) - a royalty-free data engine based upon coreSQL Server technology - to deliver the power required.

Halliburton has strong historical links with both British and foreign military and has provided valuable support during various recent conflicts. These include World War II and the first Gulf War in Kuwait in addition to peacekeeping support in the Balkans, Bosnia, Croatia and Hungary, through humanitarian aid (food, laundry, transportation etc). G4S Technology is proud to be associated with an organisation of this stature and we are pleased to uphold the continually beneficial relationship between our two companies through the successful securing of Halliburton's numerous sites. With over 40 years experience designing, manufacturing, installing and servicing integrated security solutions, G4S Technology customers rest assured that their staff and premises remain in safe hands.

#### 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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