

# GE Security won the race to secure Bahrain's F1 circuit



## Ministry of Works & Housing, Bahrain

The Ministry of Works & Housing of Bahrain is a government institution responsible for urban development, construction and maintenance of government buildings, roads, bridges and sewerage systems. Established in 2002, the Ministry employs over 1,500 people.

## Bahrain International Circuit

When the government of the Kingdom of Bahrain underwrote the development of the Bahrain International Circuit, it foresaw the facility as a catalyst for the future growth of the economy and the foundation for a string of innovative investments. Building the Bahrain International Circuit has set new standards for motor sports, leading to a return on investment which has been profitable to the Kingdom of Bahrain and the wider Middle East. The circuit houses many racing events throughout the year with the Formula 1 Grand Prix as its highlight.





### Pre-existing situation & GE Security's role

The circuit in Bahrain is viewed as a state-of-the-art circuit, designed with six different tracks. It also includes hospitality lounges, designed to host a wide array of corporate and social entertainment events. Receiving local and foreign dignitaries, VIPs and other members of the public, it was of utmost importance that the event infrastructure was equipped with a world-class fire protection system.

### GE Security's Solution

GE Security worked together with their local installer to present the client a worthy solution. A state-of-the-art fire detection system was proposed, that suited their facilities and ensured a safe environment.

This life safety system includes an extensive fire alarm network consisting of more than 20 EST3 control panels, over 2,000 addressable devices (modules & detectors) and over 200 notification appliances (bells, horns and strobes). All these devices are managed through the FireWorks software package, GE Security's graphic fire command centre for the EST platform. Additionally, the system is integrated in the building management system, thus enabling the efficient monitoring and control of all applications. Finally, because of the high-tech nature of the detectors, when a fire erupts and a detector reports an alarm, it is possible to verify its exact location. Consequently, fire fighters are able to catch fires at an early stage, avoiding potential disasters.



GE imagination at work

