

Bosch Fire Alarm System in GECO Fire Protection Services Office



BOSCH

Invented for life

Industry:

Office building

End User:

Office of GECO Fire Protection Division/ Facility Management Division (Divisions of GECO Mechanical & Electrical Ltd.)

GECO Mechanical & Electrical Ltd, part of the Al Batha Group owned by the ruling family of Sharjah, is a leading mechanical, electrical and plumbing services provider with more than 1.500 employees which is also specialized in facility management, power projects and fire protection services. The company, the most preferred in the region, has an extensive successful track record of over 33 years in the market.

GECO's objective is to provide customers with technically advanced products and consistent, prompt services. In order to achieve this objective the company guarantees only to select and provide products with the highest quality.

Business Objective:

Fire detection and alarm systems are provided to alert the people in case of emergency. Moreover they are crucial for ensuring a safe evacuation on time. Hence fire systems and its reliability are more important than any other system in a building. Frequent occurrence of false alarms generally results in occupants ignoring the alarms which is a serious hazard for the life safety. Thus, the GECO project team decided for a Bosch system which is according to this field of application one of the most reliable fire alarm system.

Solution:

The feature and intelligence of Bosch fire alarm system products in conjunction with UAE partner GECO Fire Protection Services allowed to meet the various safety requirements of GECO Fire Division & Local Civil Defence of Sharjah.

The Bosch fire alarm system even exceeded the expectations of the end user so that all the requirements were met in the easiest way.

The smoke detectors provided in office rooms as well as the heat detectors in pantry are LSN improved versions. The sounder provided in the exit lobby is programmed with an emergency tone triggering a certain sound pressure level in the office area. Next to that a weather proof sounder was provided for the external parking area of the office.

The installed system also incorporates the unique Bosch 520 series flat detector - the most reliable fire detection system in style. The art of invisible fire detection is a complete new concept that combines great appearance with intelligent detection technology.



The new 500 series flat detector at GECO Fire Protection Services Office in Sharjah, UAE

For ensuring a reliable fire detection the new ultra-slim fire detector uses a dual virtual optical chamber. Moreover it has a range of different facing panels for customised installation - a solution perfectly suitable for sites having high architectural standards. Bosch FPA5000 Modular Fire Panel is also monitoring the Wagner aspiration detectors for an early & reliable fire detection.

From the beginning on GECO Fire Protection Services has been readily available for sales, service and maintenance issues.

Result:

GECO Fire Division preferred Bosch as a supplier for their fire and life safety system. The following significant benefits are finally provided:

- an early & reliable fire detection using aspiration
- the most reliable fire detection guaranteeing a non-compromising architectural freedom (art of invisible fire detection)

Due to the system's intelligence in detection and proper working of system even the staff in charge of office maintenance is pleased about the new Bosch Fire alarm system.

Installed by:

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