

Media Release

For immediate release

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Cutting edge perimeter security system protects Beirut Seaport

To combat the inherent problems of people smuggling; shipping container theft and tax evasion, the Beirut Seaport Committee needed a perimeter security system capable of withstanding the harsh coastal conditions and operating without power on the seaport's 5 km perimeter fence.

In addition, the system needed to be capable of interfacing with the existing CCTV system and DVR (Digital Video Recorder) plus operate on the various types of fences surrounding the site's perimeter.

The chosen security system, Secure Fence™, developed by Future Fibre Technologies and installed by Site Technology - Beirut has overcome these challenges to operate successfully on the seaport site's perimeter.

One of the major difficulties of the Beirut Seaport Perimeter Security Project was the numerous types of fence construction around the perimeter, says FFT's Middle East Regional Manager, Adam Wilding-Webb.

"The fences around the site are comprised of weldmesh, chainlink and palisade," Mr Wilding-Webb says, "each of which has a unique set of characteristics and behaves differently in the wind and harsh environmental conditions."

"Thanks to FFT's advanced signal processing technology, the system was installed so that these large differences in characteristics do not affect the system's ability to run without nuisance alarms," he said, "in spite of the strong winds and heavy rain common in the area."

The installed system interfaces with the Beirut Seaport's CCTV system and importantly, requires no power anywhere along the perimeter. Putting power on the perimeter fence would have proven to be extremely costly due to the proximity of major roads close to the fence line and the difficulty of digging under these.

The entire 5km perimeter operates with just one Secure Fence™ system, which is completely immune to the very salty conditions encountered at seaport sites.

Unlike traditional Perimeter Intrusion Detection System (PIDS) solutions, which use copper cables, Secure Fence™ contains 100% fibre optic cabling in the field, and is therefore unaffected by corrosive environments such as salt.

Designers and manufacturers of the system, Future Fibre Technologies, offer intrusion detection solutions for airports, military, government, petrochemical and telecommunications clients around the world.

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Prepared by Connecting Images Marketing Communications
on behalf of Future Fibre Technologies.

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About Site Technology

Site Technology is a leading turnkey solutions provider supplying a wide range of services from design, supply, installation, commissioning and maintenance of all systems and equipment in different specialized activity sectors.

Founded in 1992, today the company employs more than 1,700 people working in 6 countries. Site manages its business into six geographic areas: Abu Dhabi – Dubai – Doha – Beirut - Riyadh and Paris. Site's structure offers customers a single point of contact at a local level for operations and brings together focused teams to meet local needs and deliver customized solutions.

The company comprises 3 business groups:

- » Contracting Group
- » Technology Group
- » Power Group

Our mission is to expand services and operations across the Middle East and lead the market by providing value added services, exceeding customer expectations, and gaining market trust through exceptional performance, matchless quality and unrivaled standards.

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