

NAFFCO Deploys Proxim's High Performance Tsunami[®] Point to Point Solutions to Interconnect its Offices Across the City of Dubai

Introduction

The National Fire Fighting Mfg. Co Ltd (NAFFCO) is the world's leading producer and supplier of life safety solutions for all types of high quality firefighting equipment, fire protection systems, fire alarms, security systems, custom-made vehicle such as fire trucks, ambulances, mobile hospitals and airport rescue firefighting vehicles (ARFF).

NAFFCO has over 10,000 members and over 4 million square feet of manufacturing facilities. It currently exports to over 100 countries worldwide. Some of their better known projects are the Dubai World Central International Airport, Burj Khalifah, Palm Jumeriah – the world's largest man-made island, and the Parish Sorbonne University etc.

Challenge

NAFFCO has been aggressively expanding offices and manufacturing facilities across the city of Dubai. NAFFCO management decided to interconnect its satellite facilities with its head office, however due to the relatively long distances between facilities, wire based connectivity was not feasible. MISSAN Computers, a pioneer service provider for a wide array of business needs ranging from wireless, voice & telephony, to business continuity & disaster recovery and CCTV, stepped in to connect the different offices and facilities.



Solution

NAFFCO selected Proxim's high performance Tsunami[®] QB point to point solutions to connect its offices within the city. With the head office as the central aggregation point, four point to point connections were deployed to the old office, warehouse (project Store), pipe factory, and fire trucks factory. Two more point to point links were placed for CCTVs and a connection between the old office and brass light as shown above.

"When NAFFCO approached us for a reliable and cost-efficient solution. We evaluated a couple of wireless solution providers but only the Tsunami[®] gave us the needed performance over the distances."

- Sushil Warriar, Business Development Manager, MISSAN IT Solutions & Services.

"Despite the dense wireless environment, the network performs with almost zero down time and from an installation perspective, the entire process was quick and hassle free."

- Abu Amir Mohammad General Manager, MISSAN IT Solutions & Services.



Highlights

- NAFFCO is the world's leading producer and supplier of life safety solutions.
- It needed a reliable network infrastructure to support its offices and manufacturing facilities expansion across the city of Dubai.
- NAFFCO selects Proxim's high performance Tsunami[®] point to point solutions to connect its various departments within the city.

Missan IT Solutions & Services

Missan IT Solutions & Services, is a leading information technology and consultancy services organization in UAE, Sharjah since 2004. The company has emerged as a prime services provider delivering technology-driven business solutions to meet the strategic objectives of diverse industries.

About Proxim Wireless

Proxim Wireless is a pioneer and global leader in advanced Wi-Fi, point to point, and point to multipoint outdoor wireless systems that deliver high performance and high availability communications.

With over 30 years of wireless experience, Proxim is recognized for its unparalleled reliability, superior performance and drive for innovation.

Result:



“Having a unified network infrastructure is imperative to our operations. To match our high standards and mission critical applications, we needed a network solution that delivers reliably at all times. We conduct a thorough battery of tests and found Proxim’s equipment to be a good fit.”

–Engineer Mohannad Hennawi - NAFFCO.

The network allows increased collaboration between departments and teams. NAFFCO is able to aggregate all its sales, marketing, logistics and production information to its central database in the head office. The IT team runs enterprise resource planning applications on its new network that includes heavy applications such as CAD/CAM, VoIP for free intra-office calls. The network also supports the BYOD wave where employees use their personal phones and tablets to work.