

## **Navtech Radar's AdvanceGuard wins competitive tender to secure Khalifa Port's land and sea perimeter**

The Khalifa Port project specifies AdvanceGuard, thanks to its ability to meet the port's complex geographical landscape requirements and exceptional parameters – including a perimeter that crosses land and sea. The contract to carry out the Khalifa Port installation of AdvanceGuard was awarded to our system integrator partner, Green TSI.

### **Where and what is Khalifa Port?**

Khalifa Port is Abu Dhabi's flagship port, located between Abu Dhabi and Dubai in the United Arab Emirates. It is one of the largest deep-water harbours in the world.

Due to its great strategic importance, Khalifa Port requires state-of-the-art perimeter surveillance that can be relied upon 24/7/365, regardless of weather, light or temperature conditions in the area (all of which can be very demanding). The port's perimeter covers both land and sea, and the site is busy and complex with a great volume and variety of activity that must be distinguished from any genuine threat.

Khalifa Port simply cannot afford un-noticed intrusions, but neither can it tolerate false alarms.

### **What makes AdvanceGuard ideal for Khalifa Port?**

AdvanceGuard consistently wins side-by-side comparisons during comprehensive field trials and shows low false alarm rates. It uses long-range 360°-field-of-view radar to detect and track unlimited targets with just a few high-performance sensors. Its highly advanced rules-based software provides full situational awareness, 24/7/365, ignoring 'business as usual' behaviours but pinpointing the location of targets and intelligently raising alarms when real threats occur.

AdvanceGuard works in all weather and light conditions, requires minimal infrastructure and is highly effective, even at 2 km.

### **How did Green TSI with Navtech Radar win this tender?**

Prior to the tender award, we ran a proof-of-concept to ensure that all of Port Khalifa's requirements would be met, then conducted a complete site survey and trial to show the system's exceptional performance on site.

The versatility of AdvanceGuard allows Port Khalifa to integrate the radar solution with its existing VMS system, automatically directing cameras when relevant movement is detected. The entire system provides wide-area detection that covers land and sea, both within and outside the perimeter.

With AdvanceGuard, Khalifa Port has a robust and reliable solution that quickly and accurately detects approaching vessels and intruders in all weather and light conditions, generating continuous automatic surveillance, inside and outside the perimeter. This protects the port, its assets and personnel, and its world-leading reputation.

Please [click here](#) to read the full Port Khalifa case study.

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Khalifa Port is Abu Dhabi's flagship port and one of the largest deep-water harbours in the world. It is a busy and complex site, with a perimeter crossing land and sea. False alarms are not an option – but nor are incursions. Read our case study to find out why AdvanceGuard has been chosen to protect this strategically important site: <https://navtechradar.com/new-khalifa-port-case-study/>

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#AdvanceGuard