

# Hytera TETRA System Delivers Flexible Solution to Louvre Abu Dhabi

## User

The Louvre Abu Dhabi

## Market segment

Commercial

## Project time

2017

## Products

Hytera TETRA BS

PT580H

PT580H Plus

Z1p



## Introduction >>

The Louvre Abu Dhabi is the first universal museum in the Arab world that presents both ancient and contemporary works of historic, cultural, and sociological interest from around the world. The fleet of terminals supplied by Hytera reached 200 staff specifically Security Safety Maintenance and Technical Department. It benefits the management to achieve smooth operations and increase the overall efficiency.

## Background >>

Born out in a diplomatic agreement signed on March 6, 2007, between the United Arab Emirates and France, The Louvre Abu Dhabi is the first universal museum in the Arab world that presents both ancient and contemporary works of historic, cultural, and sociological interest from around the world. Hovering above the sea with a 180 meters in diameter cupola pierced with interlace designs that appears like interwoven palm leaves, providing unique light and shade.

The 64,000 square meter museum which has been designed by the Pritzker Prize-winning architect Jean Nouvel is comprised of 55 detached buildings. Twenty-three of these buildings are devoted to galleries, exhibition halls, Children's Museum, restaurants, boutique gift shop and café.



PT580H/  
PT580H Plus

Z1p



## The Challenge ➤➤



The museum was inaugurated on November 8th 2017, unveiling rich permanent collections consisting of its own acquisitions particularly, 600 works ranging from Antiquity to the present along with 300 works on loan from French museums. The Louvre Abu Dhabi aims to complement the other Emirati museums and help transform the art and cultural scene in the Middle East.

Managing and maintaining efficient professional communications of a large highly qualified team can be very tough without a reliable means of communication.

## The Solution ➤➤



1. Hytera provided 200+Pcs TETRA terminals to all the staff and security.
2. The radio was equipped with 3W RF power (380-430mhz) to have a larger coverage compared with other terminals.
3. Integrated with bi-directional amplifier & DAS (distributed antenna system), providing comprehensive coverage inside the museum.
4. Strong and durable device to comply with IP67 and MIL-STD-810G enable users to have extraordinary experience.
5. Integrated with Siemens network management system, to provide customer unified unified umbrella management system.

## The results ➤➤

An advance solution in the form of state of the art security system is a part of the museum's complex in order to protect its high quality works and its precious legendary collections.

The fleet of terminals supplied by Hytera reached 200 staff specifically Security Safety Maintenance and Technical Department. It benefits the management to achieve smooth operations and increase the overall efficiency.

It also turned out that the main area would be extremely complex for communication system coverage because of the presence of large basement compose of galleries and corridors and numerous exhibition halls. However, the use of Hytera TETRA Base Station has guaranteed the compliance needed to meet the requirements. And by the provision of PT580H Plus transmit power new specification, it effectively enlarges the workable coverage area, including basements and extending coverage indoors. The radio supports Open Loop Power Control which adjusts the actual transmit power in 5dB paces when needed.



### Hytera Communications Corporation Limited

Stock Code: 002583.SZ

**Address:** Hytera Tower, Shenzhen Hi-Tech Industrial Park North, Beihuan RD.9108#, Nanshan District, Shenzhen, P.R.C.

**Tel:** +86-755-2697 2999 **Fax:** +86-755-8613 7139 **Post:** 518057

**Http:** [www.hytera.com](http://www.hytera.com) [marketing@hytera.com](mailto:marketing@hytera.com)