Quality Focused, Customer Responsive

Hytera Offers Advanced DMR Tier III Trunking System to Tackle The Communication Challenges at HK Airport

User
Hong Kong Aircraft Engineering Company Limited (HAECO)

Market segment
Transportation

Project time
2013

Products
Hytera DMR Trunking Pro
2 DMR Trunking Base Station DS-6210
600 PD78XG Portable Radio
39 MD78XG Mobile Radio

Solution features
• World's first DMR Tier III Trunking System
• Full redundancy system
• Value-for-money terminals
• Quality-focused, customer-responsive

PD78XG

DS-6210 Trunking Base Station   MD78XG

Background »

Built in 1998, Hong Kong International Airport (HKIA) is the world's busiest cargo gateway and one of the world's busiest passenger airports and has earned the recognition as the world's best airport over 50 times. In 2012, 56.5 million passengers used HKIA and 4.03 million tones of air cargo passed through Hong Kong, which generated enormous social and economic value for Hong Kong.

Challenge or Demands »

HKIA is connected to about 170 destinations through about 1,000 daily flights by more than 100 airlines every day. In order to guarantee the fight safety and operational efficiency, comprehensive check and maintenance need to be done after every aircraft parking by maintenance service provider HAECO (Hong Kong Aircraft Engineering Company Limited).

Since the workload of maintenance is very large, reliable wireless communication will help maintenance personnel to communicate and handle their daily tasks more effectively. Moreover, as maintenance tasks always take place indoor or in-aircraft, seamless indoor/in-aircraft coverage is required. Besides, robust and environmentally protected terminal is required as it is always subject to dust, rain and oil.

Solution ⟩⟩

Hytera DMR Trunking Pro, was proposed with 2 DMR Trunking base stations DS-6210, 700 portable radios PD78XG and 39 mobile radios MD78XG. It can set up a complete communication system, covering the whole working area at Hong Kong Airport, for HAECO's daily maintenance work. Reasonable grouping and stable architecture of fault weakening and handling make sure the stable and safety communication for HAECO.

Two base stations DS-6210 are installed in two different places in the airport and interconnected by two IP links to cover the whole airport. 1+1 Base Station Control Unit (BSCU) with hot-standby configuration allows communication on a per site basis, even if the IP link between site and MSO is disabled, to increase the system reliability.

Benefits ⟩⟩

Compared with the existing traditional system at the airport, Hytera DMR Trunking Pro, the world's first DMR Tier III Trunking System, is more powerful and will bring the user more advanced communication experience with ultimate reliability and scalability:

1. Full redundancy system, like double IP link, BSCU hot-standby and fault weakening, guarantees the security and reliability of the system.

2. Strong tailor-made system processing ability can guarantee the communication security under large communication traffic.

3. Hytera DMR Trunking terminals, endowed with ergonomic design, all-round digital functions and remarkable quality, are value for money and enable user to be responsive to emergent situations.

4. Quality-focused, customer-responsive customer service attitude. All the problems during the project or after sales will be both responded at the first time by Hytera.

For more information, Please visit 🔲 case.hytera.com |▼| |▶|

Or contact us by ✉ Casestudy@hytera.com

Hytera Communications Corporation Limited

Address: Hytera Tower, Shenzhen Hi-Tech Industrial Park North,
Beihuan Road 9108#, Nanshan District, Shenzhen, P.R.C.
Tel: +86-755-2697 2999 **Fax:** +86-755-8613 7139 **Post:** 518057
Http://www.hytera.com   Stock Code: 002583.SZ