

# Migration from Analog to Digital

## Singapore Horse-racing Club Uses Hytera DMR Trunking Solutions

**User**  
The Singapore Turf Club, Singapore

**Market segment**  
Sports

**Project time**  
2015

**Products**  
Hytera DMR Trunking Lite  
DS-6211 Trunking Base Station  
Hytera dispatch system  
PD70X/PD78X/X1p Portable Radio  
MD78X Mobile Radio



### Background >>

The Singapore Turf Club was founded in 1842 as the Singapore Sporting Club to operate the Serangoon Road Race Course at Farrer Park. It is today the oldest existing and only horse-racing club in Singapore and one of the premier racecourses in the world. The Singapore Turf Club is the only authorized operator of horse racing, and totalisator (horse betting) services in Singapore.

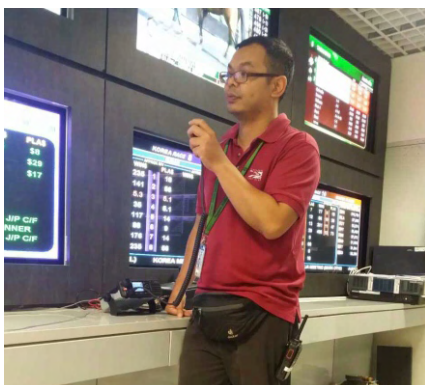
Currently, STC ran an analog system for its communication department. With the growing demands in communication, STC realized the inferiority of analog system in communication and data service. Signal coverage is very limited and talking group is not insufficient for increasing users. Stand-by & Talk-time is not ideal and the out dated terminal is very heavy.

### Customer Demands >>

Rapid, efficient, reliable on-site communication has been an essential requirement for sports venues, for the safety of staff and the public as well as for smooth operation. STC wants to build up a new wireless communication system to reach below requirements:

- At least 95% signal coverage can be reached in the whole park,
- Minimum 6 talking groups can exist simultaneously
- Support trunking mode
- Support voice & data recording
- Mass Broadcast





## Hytera Solution

Due to the physical aspects of the park, there are many challenges brought for newly installed communications solution:

- Wide open area and spread around buildings
- without connecting
- Stringent regulation on spectrum usage by iDA

Hytera overcame above difficulties and provided Hytera DMR Tier III trunking solutions to the client, including DMR Trunking Lite system, Hytera dispatch system and DMR terminals.

## Benefits

Hytera DMR Trunking system has exceed the client's expectation in the area of voice clarity, network coverage area and product reliability and also brought positive experiences to the users:

- Better coverage and clearer voice communication
- Longer stand-by and talk-time
- Less use of frequencies and zero congestion
- Track & monitor voice and data communication
- Broadcast of emergency messages

## Voice from Customer

*"We are pleased with the performance of the Hytera DMR Trunking system and it has exceed our expectation in the area of voice clarity, network coverage area and product reliability."*

—Yan Zhong Sen, Assistant Manager of the Singapore Turf Club

*"Having work with the team from Macro Vista & Hytera during the implementation stage, I must say that the team has conducted themselves with a high standard of professionalism."*

—Azman, Specialist of the Singapore Turf Club



### 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 marketing@hytera.com

HYT, Hytera are registered trademarks of Hytera Communications Corp., Ltd. © 2015 Hytera Communications Corp., Ltd. All Rights Reserved.