

Communication in 70,000 Acre Area

Hytera Helps Kenya's Largest Wildlife Conservancy

User
Mara North Conservancy, Kenya

Market segment
Wildlife Protection

Project time
2016

Products
Hytera Dispatch System
RD98X Repeater
MD78X Mobile Radio
PD68X Portable Radio



Background >>

Mara North Conservancy (MNC) is one of the largest communities and private sector owned conservancies in the world, helping to alleviate poverty and ensuring environmental sustainability. It is a not-for-profit organization established in January 2009 which is occupying 74,000 acres area in the north-western zone of the Great Maasai Mara. It aims to create a best practice, world-class conservancy with long-term commitments to the environment, wildlife, and local communities.

Demands >>

As a world-class conservancy with long-term commitment to benefit the environment, wildlife and community livelihoods, MNC deeply understands the importance of real-time communication for daily missions, which not only protects the wildlife environment but also ensures the safety of the rangers, tourists and residents inside. Therefore, MNC has been looking for a reliable advanced communication system for a long time. Clear voice, ruggedness and broad coverage are their primary requirements.

Hytera Solutions >>

Based on the customer demands, after professional local site survey and in-depth study, Hytera digital conventional radio communication system is recommended. This solution includes RD98XS repeater, PD68X handheld with built-in GPS, MD78XG mobile radio and Hytera dispatch system.





Advanced DMR Solution

As one of the main stream digital radio communication standard, DMR solution has the advantages of clear voice, longer battery life, higher spectrum efficiency and abundant data services such as text message, GPS etc. IP based architecture design provides flexible expansion and convenient application interfaces, dispatching system, PSTN gateway, email system, telemetry etc.

Rugged Terminals

Hytera PD68X compact handheld is compliant with MIL-STD-810 C/D/E/F/G standards. IP67 rated water and dust resistance withstands up to 1m submersion for 30 minutes or more. It is suitable for use in all kinds of harsh conditions.

Large Area Coverage

Hytera RD98XS repeater is recommended to provide large area coverage, with high sensitive terminal, utmost enlarging the communication distance. The newly built network supports instant communication among 34 rangers in headquarters and 8 camps, and real time patrol report in-between camps and headquarters.

Smart Dispatching

Hytera dispatch system supports visualization management and dispatching operation. The main functions such as voice dispatching, text messaging, GPS positioning, recording etc, improve their efficiency dramatically.

Voice from Customer >>

"The digital network is amazing. Voice is clear and loud, and I could contact our rangers 30 kilometers away with my handset, which is unbelievable. With the GPS application system, it helps a lot to ensure the safety and security of our wildlife, rangers, visitors as well as the Masai residents in our daily work."

—— Williams, manager of Mara North Conservancy

"Hytera products helped us immediately and immensely to make calls among our 8 different stations spread out in the 70,000 acre area, even beyond our borders. This technology improved us and equally the wildlife's security in this area."

—— Patrick Siparo, manager of Mara North Conservancy



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