

Unified Communication Safeguards Kahramanmaras

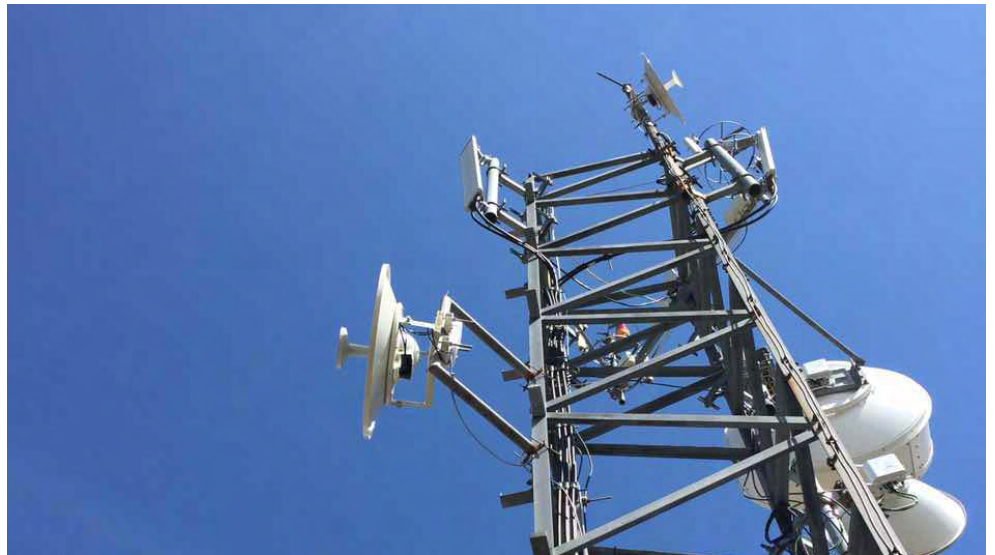
Hytera Offers DMR Solution to Kahramanmaras, Turkey

User
Municipality of Kahramanmaras, Turkey

Market segment
Government

Project time
2015

Products
Hytera Dispatch System
Hytera DMR IP Multi-site System
RD98X Repeater
PD78XG Portable Radio



Background >>

Kahramanmaras is a province located in southern Turkey. With economic development and changing situation of this city, the Municipality of Kahramanmaras strongly felt the necessity of a unified communication system across the whole province. Hytera's DMR IP multi-site solution fulfilled their need of full-coverage Professional Mobile Radio network, a significant part of this system.

Challenges >>

In the past, some remote sites in Kahramanmaras suffered from the lack of city infrastructures. The lack of steady power transmission and network facilities severely affected the communication around these areas. As a result, faraway villages became unreachable.

Even in those regions with urban infrastructure and communication platform, separate networks made it extremely difficult to coordinate different departments in short time when emergency and important events happened. Therefore, Kahramanmaras council asked for a solution that could provide full signal coverage and stable interconnection all around the province.

Solution >>

After repeated discussion with the customers, Hytera and Utel, a dealer of Hytera in Turkey, proposed DMR IP multi-site solution to Kahramanmaras government. Nine inter-connected base stations and hundreds of portable terminals PD78XG meet the customer's communications requirements. Turn-key services, including the installation of solar power generators, microwave link as well as antenna towers, guarantee the smooth operation of this unified communication system for municipal offices, firefighting departments and urban administration.





Benefits

Full-coverage

In order to solve the lack of power supply and link network, polar power generators and microwave links are deployed across Kahramanmaras. Together with Hytera DMR IP Multi-site solution, full-coverage unified communication is achieved.

Reliable Terminal

Compliant with IP 67 and MIL-STD-810C/D/E/F/G, Hytera DMR terminal PD78XG is able to work normally in changing climate and ensures satisfactory performance under harsh circumstance.

Efficient Dispatch

As regard to efficient coordination and control, Hytera Dispatch System makes dispatch easier through flexible dispatching calls and the real-time location of the users based on online Google map.

Telephone Interconnection

Regarding to some joint actions of various departments and different-level personnel, Hytera repeaters RD98X make it possible to interconnect the SIP telephone in the office and radio terminals across the province.

High Security Encryption

With the advanced encryption algorithm of Hytera DMR technology, Kahramanmaras municipality is reassured about the security of their communication.

Voice from Customer

“With the city's development, it is necessary to set up a communication platform between different departments. Utel and Hytera's products help us achieve our goal. We would like to extend our sincere appreciation to Utel. They are very hard-working, professional and the system is running very well. We are satisfied and this network, which really helps us a lot. Thank you.”

— Manager of Information Technology Department, Municipality of Kahramanmaras



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