



GETAFE COUNCIL HAS DEPLOYED A MOTOTRBO™ IP SITE CONNECT SYSTEM

TO DELIVER EFFICIENT, INDEPENDENT COMMUNICATIONS FOR RAPID INCIDENT RESPONSE



GETAFE COUNCIL

Getafe council is responsible for the government and administration of the municipality of Getafe, in the southern part of the Community of Madrid, Spain. Chaired by the Mayoress of Getafe, it is responsible for municipal services, including the local police and public safety unit. The local police are mainly involved in crime prevention, maintaining public order, personal disputes and traffic control, often in collaboration with public safety teams. On the streets of Getafe there are currently almost 300 local police and public safety officers working together and they all now communicate via the new MOTOTRBO IP Site Connect network.

CHALLENGE

Getafe council spent some time studying various solutions to solve its communication issues. The first challenge was to renovate its communications room and install its own independent digital network, which it could manage to its own preferences and scale to anticipate future growth. Moreover, it wanted to be able to locate any officer at any time, as well as benefit from other additional functionality provided by a DMR digital network.

Tecnitrán Telecomunicaciones, a Motorola Solutions platinum partner, had already been working with Getafe council for several years, supplying hardware and services to various municipal departments; and, following a tender for a new communications room and DMR network, the council and municipal technicians opted for the Tecnitrán proposal which, in collaboration with Motorola Solutions, best met its requirements.

CUSTOMER PROFILE

Organisations:

Getafe Council
(Local police and public safety teams)

Partner:

Tecnitrán Telecomunicaciones

Industry:

Local government

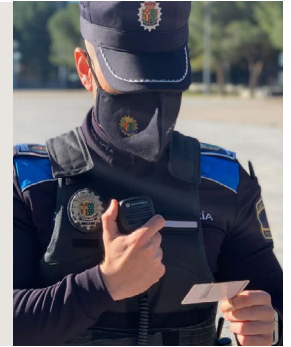
Location:

Getafe, Spain



“Installing our own MOTOTRBO network has let us have the independence, flexibility and scalability we need, as we grow our local police and public safety teams; the new system perfectly meets our potential future requirements. And the project has been expertly and proactively managed by our partner Tecnitrán. Tecnitrán doesn’t only bring a wealth of local knowledge to the table, but they’ve also done lots of work with many other town halls and police forces throughout Spain and so have really valuable, relevant experience, which is always helpful in these types of projects.”

Francisco Jumela Amador, Police Inspector, Getafe Local Police



SOLUTION

Getafe council has deployed a MOTOTRBO IP Site Connect system with 14 MOTOTRBO SLR 5500 repeaters linked via an IP network, to provide continuous, seamless coverage throughout the municipality, as well as capacity for a high number of simultaneous communications. The system has been installed and configured redundantly in four different sites.

At the same time, the council has deployed a comprehensive dispatch software system, SmartPTT, in the new local police control room. There are five dispatch stations in front of a videowall consisting of ten 55” monitors, so that operators can locate and position officers efficiently via the radios’ integrated GPS. The council also uses SmartPTT to record, register and archive all officer communications.

Divided into different call groups, 300 police and public safety officers now rely on the MOTOTRBO network for voice and data communications between all users and the communications room. They can make group calls, and individual calls to all users, as well as emergency calls, when needed. The MOTOTRBO DM4601e mobile radios with integrated Bluetooth have been installed in vehicles and most officers carry a MOTOTRBO DP3441e portable radio with an IMPRES battery, to ensure the radio keeps working during long shifts. The RSM, meanwhile, enables the officers to work hands-free when they need to.

BENEFITS

This successful deployment is representative of the high-level projects that Tecnitrán manages for municipalities throughout Spain, as one of its senior management team explains: “This project is very typical of the work we do and we like to recommend Motorola Solutions’ MOTOTRBO systems for their reliability, scalability and high performance.” In fact, user feedback has been exceptional and the council has noted a direct correlation between its own network management and an increased efficiency in managing incidents.

Francisco Jumela Amador summarises the advantages of the new system: “The audio is exceptional, communications are much clearer, secure and immediate, and the option for private calls between users is very important to us too. The network offers a greater capacity and absolute full coverage in all four corners of Getafe. We also value the manageability, ease of use, reliability and robustness of the radios. Day-to-day the MOTOTRBO system with SmartPTT allows us to achieve improvements in response times, as well as greater efficiency and productivity in our officers. And we hope we will have the possibility of interconnecting or installing other Motorola Solutions applications and collaborative elements within the same MOTOTRBO network in the future.”



Motorola Solutions:

MOTOTRBO IP Site Connect UHF system comprising:

- 14 x MOTOTRBO SLR 5500 repeaters
- 42 x MOTOTRBO DM4601e mobile two-way radios with Bluetooth and GPS
- 266 x MOTOTRBO DP3441e portable two-way radios with Bluetooth, GPS, IMPRES™ batteries, holster and remote speaker microphone (RSM)
- 25 x MOTOTRBO DP3661e portable two-way radios with Bluetooth, GPS, IMPRES batteries, holster and RSM
- SmartPTT with 5 dispatch consoles and mobile app

Benefits:

- Independent network with optimal coverage for Getafe’s local police and public safety teams, enabling a faster, more coordinated incident response
- Flexible, fully scalable system, in line with the council’s future and developing needs
- Excellent take-up and feedback, with end users really appreciating the more reliable, clear and available communications, as well as the intelligent audio features
- Increase in operational efficiency, thanks to the deployment of SmartPTT in the communications room, and the radios’ additional functionality including integrated GPS