

INTEGRATED SOLUTION FOR MOTOTRBO™

SmartPTT

RADIO COMMUNICATION SOLUTION
FOR POLICE AND SECURITY



Do the headquarters provide ultimate control over remote regional fleets?

Does the dispatcher see the clear picture of the situation out in the field?

How to increase the safety of police officers during operations in dangerous conditions?

THE SOLUTION IS INSIDE



SmartPTT for Police and Security



Remote control rooms

Central dispatch screens installed in headquarter provide ultimate control over remote regional fleets. At any time experts working remotely can manage the operation of field workers.

Multi-level dispatching

SmartPTT architecture presumes building the systems conforming to organizational structure of public safety authorities like police or disaster management. Dispatch screens can be installed at any level of the organization hierarchy – regional, district or state level.



Personnel safety

GPS tracking, emergency signal, Lone Worker and Man Down features. SmartPTT provides extended capabilities for safe operation in dangerous conditions.

Higher coordination capabilities

Effective joint work of different fleets is provided by means of GPS tracking and radio network bridging. Information about subscriber locations gives the dispatch clear picture of the situation out in the field. Patching between different groups or channels helps to enhance fleet communication capabilities.

Integration into existing communication environment

Seamless integration into e-mail services and telephony, ability to interconnect with mobile devices like tablets and smartphones considerably increase the efficiency of public safety operation.

Police of Veliky Novgorod, Russia

SmartPTT increases operational efficiency for Novgorod police officers

System description

- SmartPTT Enterprise
- 24 sites, 535 subscribers

Solutions



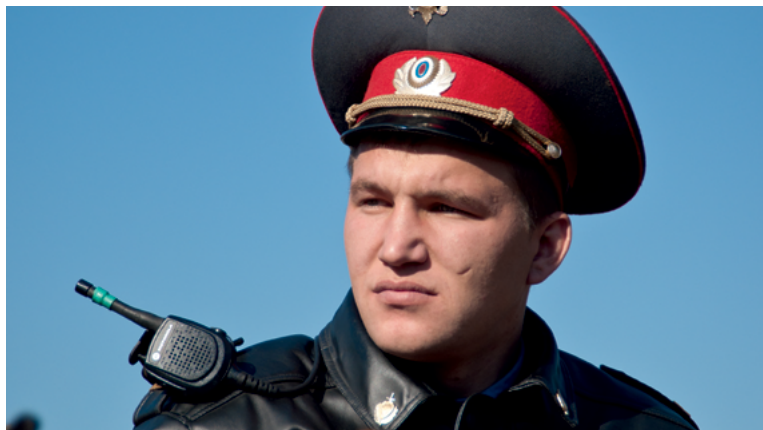
Radio
Dispatch



Radio Network
Bridging



SmartPTT
Monitoring



Challenges

- Creation of a single radio network for 21 administrative districts of the region
- Radio coverage for the main roads of the region
- Constant talks and position monitoring of the police officers in the field
- Radio channels were to be protected from unapproved transmission

Benefits

- 100% coverage within inhabited areas and all main roads of the region
- Seamless communications with SmartPTT-enabled roaming between the base stations
- Higher operational efficiency for the officers
- Easier interoperation between city and countryside authorities
- Fast decision-making

Investigation Police of Chile

SmartPTT supports communications and safety of police officers

System description

- MOTOTRBO IP Site Connect
- SmartPTT Enterprise
- 4 sites, 90 subscribers

Solutions



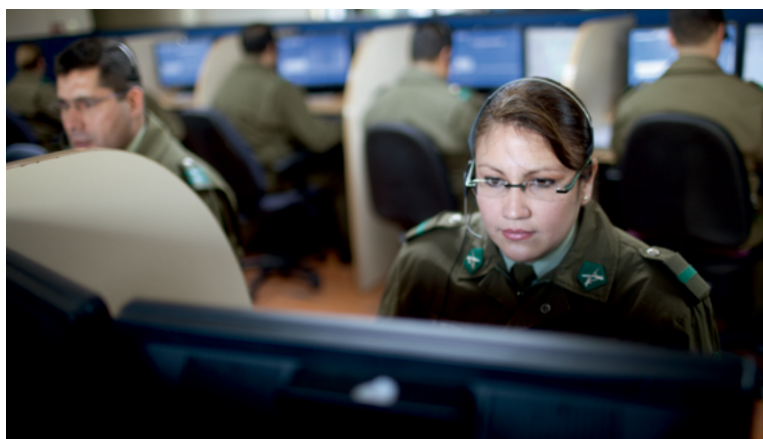
Radio
Dispatch



GPS
Tracking



Radio Network
Bridging



Challenges

- Operational communication should be provided
- Higher level of protection for the police officers was required
- Key demand – to keep constant log of all events, including voice calls

Benefits

- High quality voice connection over a large area
- Increased safety of the police officers with GPS tracking
- Reliable storage of information about all actions in the system

Condominium “Terras de São José” in Sao Paulo state, Brazil

Luxury condominium improved the security with SmartPTT

System description

- MOTOTRBO IP Site Connect
- SmartPTT Enterprise
- 1 site, 51 subscribers

Solutions



Radio
Dispatch



GPS
Tracking



Voice
Recording



Challenges

- The inhabitants of the luxury condominium needed modern and efficient 24 hours security system to provide them with peace and happiness
- Big territory and rich infrastructure of the condominium needed to be monitored
- As an annex to the condominium there is a school, and the speed of vehicles should be controlled
- The discipline of the employees, particularly security, should be perfect

Benefits

- The Security Centre of condominium became more modern and agile
- Through SmartPTT console the Monitoring Center of the Condominium can control all the steps of its agents on 175 acres with 4.2 million square meters of green area and 995 lots with 700 homes
- The displacements of the security guards are monitored through GPS positioning. Each guard is designed to operate in a certain area. If they leave the particular location, the central operator is notified automatically
- The speed of vehicles inside the condominium is controlled. If for some reason someone exceeds the limit of 40 km/h, SmartPTT shows an on-screen alert to notify the Control Centre operator
- Managers can generate reports and listen to recorded communications to assess whether the procedures are being complied with and make decisions to improve the safety of tenants



- Two-way radio systems integrator and software developer
- Motorola professional radio application partner
- 21 years in the market
- More than 220 qualified employees
- Customers in over 65 countries worldwide

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