

MOTOTRBO & SmartPTT

for security of Poland's
Tricity railway line

"No matter if you go to school, university, work or to meet friends,
there is a big chance you'll get there by SKM's singular railway"

Michał Malinowski

CRITICALLY IMPORTANT

Passengers' safety

Tricity's inhabitants commute every day in all directions, from one end to another, or from the suburbs to the downtowns.

Being responsible for passengers' security, Rail Protection officers are the main users of the new digital radio system. They have noticed the visible increase in safety level on platforms and in trains after system implementation.

Previously homeless people often used trains as a shelter in winter and scared passengers a lot, especially at night. Now the officers handle this problem much better.

Property security

The company makes a big effort to keep passengers informed, but sometimes informational tables, lists of fares and timetables become destroyed by vandals.

In 2006 SKM installed video cameras at stops and stations. They improved security level on the platforms and inside station buildings, but the reaction speed still needed to be increased.

Now with SmartPTT the dispatcher can quickly find and send the closest Rail Protection officer to resolve the incident.

Cost reducing

Slow response time costs money. Instant communications within talk groups and SmartPTT GPS positioning, allowing react faster than ever, helps SKM to stand effectively against people defacing trains with graffiti.

This is going to reduce SKM's expenses almost on 50 000 USD, annually paid for removing paints from trains.

Increased efficiency

System management from SmartPTT dispatcher center, convenient tasks coordination, and employees movements control greatly increased efficiency of Rail Protection service work for Tricity railway. They successfully carry out regular tasks and troubleshoot arising issues.

IMPLEMENTED PROJECT



SKM Rapid Urban Railway

(Tricity, Poland)

is a railway transportation system in Poland's Tricity metropolitan area (Gdańsk, Sopot, Gdynia and minor towns in their vicinity) along the coast of Baltic Sea, northern Poland.

SIMILAR TO A SUBWAY SERVICE OR LIGHT RAIL IN OTHER EUROPEAN CITIES



Serves over

1 million people

Operates since

2001

"THE BACKBONE OF MOBILITY IN TRICITY"



FREQUENCY OF 6 TO 30 MIN BETWEEN TRAINS



SYSTEM DESCRIPTION

IP Site Connect

5 sites



20 subscribers

SmartPTT Enterprise



RAILWAY PROTECTION OFFICE

PARTNER - CON-SPARK LTD



DAILY LIFE IN TRICITY



New MOTOTRBO and SmartPTT system has become one more step of SKM to their vision compliance, helping its transformation into "a customer oriented, technically modern company". "Our travelers will arrive quickly and safely" - SKM cares about it.

FUNCTIONALITY THE CUSTOMER MARKS OUT

Data transmission

Good voice quality on the wide coverage area and data services, especially GPS positioning, provided by MOTOTRBO and SmartPTT, became the key points to move from analog to digital.

Flexible custom console

SmartPTT custom console allowed organizing dispatcher center according to SKM's needs: 2 monitors where talk groups and individual calls panel are on the first screen, and GPS monitoring at online OpenStreetMap - on the second one. If the needs will change, the console can be also reconfigured at any moment.

Voice logging

Voice traffic recording has become one of the most important tools for SKM. It helps handling passengers' complaints and deliver materials for investigations in case of any accidents.



NOT JUST A SOFTWARE,
BUT SAFETY AND EFFICIENCY OF YOUR COMPANY

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