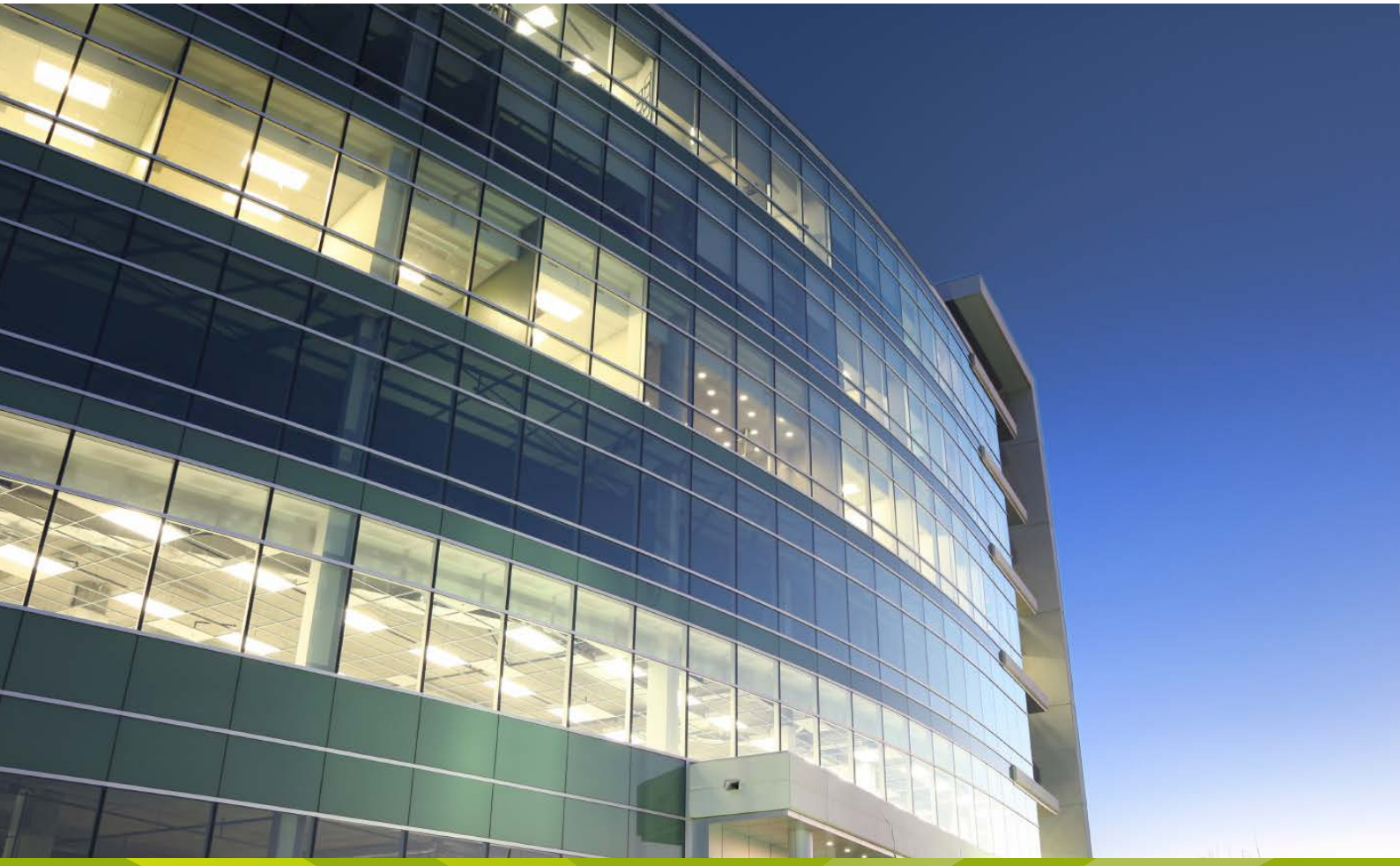
Hytera
Respond & Achieve



Patrol System

Management of patrol security personnel

The Hytera Patrol System is a user-friendly and, at the same time, a cost-efficient solution for the management of patrol security personnel. With the help of RFID technology and reliable DMR radio, you can monitor the patrol personnel at all times, thereby increasing their safety and efficiency.



DMR
DIGITAL MOBILE RADIO ASSOCIATION

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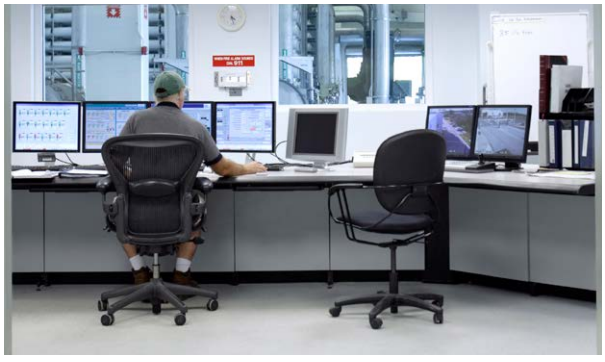
Application

PATROL SYSTEM









Highlights of the Patrol Systems

Different application fields

The Hytera Patrol System can provide support in all different types of application areas to optimize the patrol management. Wherever patrol personnel is being employed, routes can be planned and monitored with the help of the patrol software: for example, in factories, logistic centers, hotels or retail industry.

Efficient patrol management

Routes and timetables can be created and adjusted with the help of the patrol software. This allows for flexible changes to routes and to optimize them with respect to your current requirements.

Proven DMR radio technology and RFID

The radio technology employed for the data transfer to the call center is based on the open ETSI standard DMR. The data of the patrol are collected using passive RFID-capable checkpoints and the DMR handheld mobile radio PD415.

Flexible usage

A repeater as well as a mobile radio (MD785/MD785G) can be used as receiving station. In case of a repeater, the patrol system is connected via IP, which allows it to be placed at a remote location. In case of the MD785/MD785G, this is accomplished with the standard programming cable.

Reliable data transfer

If data cannot be transferred to the call center due to a lack of DMR radio coverage, the PD415 radio offers functions that allow transferring these data at a later time. As soon as the radio is connected again with the DMR system, the data of the patrol can be sent again with the push of a button. As an alternative, the offline data transfer via cable is also possible.



How does the patrol system work?

Hytera's patrol system is based on RFID technology and conventional DMR radio from Hytera. The DMR handheld radio PD415 with integrated RFID reader is used. With the help of this RFID reader, it is possible to read out passive RFID tags.

The RFID tags are made up of a patrol identification card and a checkpoint. These checkpoints are installed in the area to be safeguarded along the intended patrol route.

Upon taking up their post, the patrol person registers with his patrol identification card at a PD415 radio and is subsequently also logged into the patrol system. If he passes a checkpoint in the course of his route, he scans it with his radio. The data acquired are transmitted from the radio to the patrol software where they can subsequently be analyzed.

Functions of the patrol software

The patrol software offers all the functions for an efficient management of patrol personnel and their patrols. Upon receiving the data, it shows the current locations of the patrols and logs them.

Comprehensive administration

As the administrator, you are managing all of the information with respect to patrol personnel, checkpoints and patrols within the patrol software.

Visualization of patrol routes

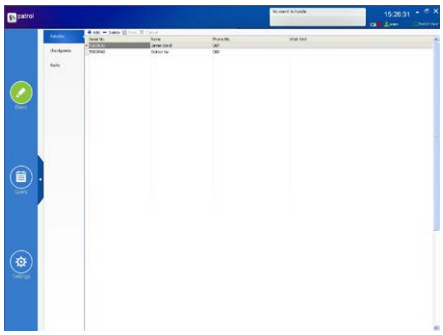
For the visualization, you can import your own map material in form of graphics files into the patrol software, e.g., in JPG format. In the process, you can cleanly integrate special features via the menu, such as several floors of a building.

Analyzing patrol data

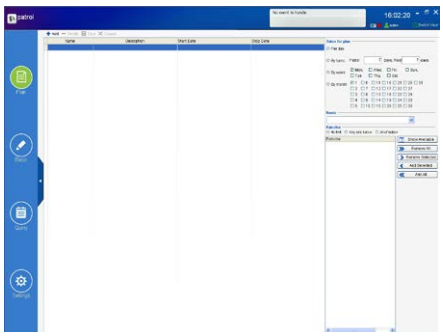
The patrol software provides numerous useful functions for searching and statistical analysis of the data received. If needed, they can be exported to an Excel file or a PDF document.

Structure of the Patrol System

To set up the patrol system from Hytera, you will need DMR handheld radios of type PD415 and the corresponding RFID accessories in the form of RFID identification cards and RFID checkpoints.
The data of the patrol collected with the help of these components are transmitted by the radios to an Hytera DMR repeater or a radio of type MD785/MD785G.







The representations shown above are intended for reference purposes only. The products themselves may deviate from these representations.

Components of the Patrol Systems



DMR handheld radio PD415



DMR mobile radio MD785/MD785G



Patrol software



DMR repeater RD625



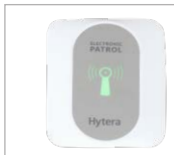
DMR repeater RD965



DMR repeater RD985



Identification card POA71



Checkpoint POA72

Accessories

Type	Model	Brief Description
Radio	PD415	The PD415 DMR handheld radio gives you conventional DMR radio and an integrated RFID reader. — Frequency range VHF: 136 - 174 MHz / UHF: 400 - 470 MHz — Degree of protection IP54 and MIL-STD-810 C/D/E/F/G — Stores up to 250 offline data records
Accessories	POA71 patrol identification card	The patrol identification card is a passive RFID tag with which the patrol person registers at the radio.
	POA72 checkpoint	The checkpoint is installed at important stations, e.g., inside of business premises or a building.
Software	Patrol software	Used to create patrol duty schedules and for analyzing and monitoring the data received from the patrol.
Receiving stations	DMR repeater RD625, RD965, RD985 or RD985s	The patrol software can be connected with Hytera DMR repeaters via IP to receive data from the patrol.
	Mobile radio MD785/MD785G	As an alternative to the DMR repeaters, the patrol software can be connected to a mobile radio MD785/MD785G with the help of a programming cable.

Your Hytera partner:

Further information can be found at:
www.hytera-mobilfunk.com

Contact us if you are interested in sales, distribution or application partnership: info@hytera.de

SGS Certificate DE11/81829313

Hytera
Respond & Achieve

Hytera Mobilfunk GmbH

Address: Fritz-Hahne-Straße 7, 31848 Bad Münder, Deutschland
Tel.: +49 (0)5042 / 998-0 **Fax:** +49 (0)5042 / 998-105
E-Mail: info@hytera.de | **www.hytera-mobilfunk.com**

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