

# New Moscow Gallery to Champion Modern Art

## Hytera DMR Solutions Serve Museum of Modern Art in Russia

**User**  
Museum of Modern Art "Garage", Russia

**Market segment**  
Security

**Project time**  
2014

**Products**  
Hytera Dispatch System  
RD62X Repeater  
X1e/ X1p/PD50X Portable Radio  
MD65X Mobile Radio



### Background >>

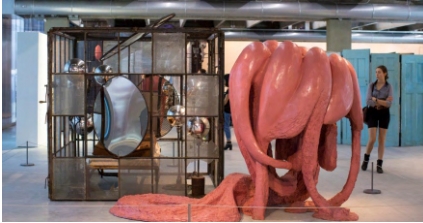
Founded in 2008 by Dasha Zhukova, Moscow's Museum of Modern Art "Garage" is the first philanthropic institution in Russia to create a comprehensive public mandate for contemporary art. Providing opportunities for dialogue, as well as the production of new work and ideas, the Museum's extensive program of exhibitions, events, education, research, and publishing reflects current developments in Russian and international culture. Central to these activities is the Museum's collection, which is the only public archive in the country related to the development of Russian contemporary art from the 1950s through to the present.

On May 1, 2014, Garage Center for Contemporary Culture changed its name to Garage Museum of Contemporary Art, reflecting the founder's commitment to providing long-term public access to living artists and art histories. On June 12, 2015, the museum moved to its first permanent home in Gorky Park, in the heart of Moscow, simply titled "Garazh".

### Customer's requirements >>

Garazh is aimed at offering established and upcoming artists a unique space to showcase their work, unlike anywhere else in the world. It creates international news and international headlines and opportunities here for artists that won't be anywhere else in the world.





To ensure safety inside the main building, adjoining territory and additional buildings, it was required to establish an efficient communication network with the repeater station designed for territory coverage up to 2-3 km at a radial distance from the repeater station. The communication system is required to track the location of any watchmen in real-time and record all conversations in the communication network. Security inside some exhibition halls shall talk in a mode hidden from visitors.

Facility location in the center of the city requires allocation of the agreed frequency resource to guarantee full-time communication at the facility and territory. Conversations of two independent groups at the same time are also needed.

## Solution >>>

Hytera Dispatch System operating in DMR protocol with some DMR radios was proposed to meet the customer's requirements. Hytera's ultra-thin full power digital portable radios X1p & X1e equipped with concealed carry wireless headsets are used by security person in specific tasks. Besides these, PD50X & MD65X are also provided to work with Hytera dispatch system and Portable repeater RD62X to achieve flexible networking & dispatching. The use of 2 network slots in pseudotrunk mode ensures operation of two independent channels. Conversation recording and subscriber monitoring is provided by the dispatcher network system.

## Advantages >>>

The Hytera solution has optimal price-quality ratio for small (up to 50-70 subscribers) communication networks for the benefit of security structures. Use of the unique Pseudotrunk mode enables to increase the quantity of used radio stations without loss of quality and two-slot mode of DMR protocol provides with 2 conversations at the same time without increase of the quantity of frequencies used by the customer. Location control and conversation recording is performed by the dispatcher complex located at some distance in a special premise. Availability of special audio accessories enables to ensure secrecy of conversations.



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