

Russian MESH Security Case Study

THE ADDRESS

Russia

THE REQUIREMENTS

To provide scalable security system infrastructure

THE TECHNOLOGY

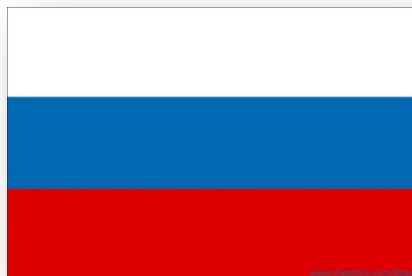
- 11n Range

THE BENEFITS

- All weather wireless network
- Simple installation
- Central Management
- Rugged design

SILVERNET

Customer Overview



Russia is the largest country in the world with large oil and mineral resources. Russia or, also officially known as the Russian Federation, is a country in northern Eurasia. It is a federal semi-presidential republic, comprising 83 federal subjects.

The Challenge

To supply a wireless system that could transmit multiple cameras back to a control room with PTZ but also have WIFI for roaming security guards to see alarms and video streams on their handheld devices.

The Solution

Using the **CONNECT2 EXTERNAL** wireless **MESH** system as a Multipoint to Multipoint system **Hereford Security** was able to install a system which linked back to the centrally managed digital recording system in the control room which wirelessly connected to multiple remote stations with CCTV cameras attached.

The system was quickly installed and the **Hereford Security** team were delighted with the monitoring facilities within the **SilverCloud** network monitoring software as well as the ability to quickly configure the system.

Due to the high bandwidth availability the system can be easily expanded and have multiple cameras added to without any system performance degradation.

The Technical Bit

The high bandwidth **MESH** range was used for Multipoint to multipoint links to the control room. Due to their minimal size and weight and the ability of giving cabled speeds across the network.

A key feature of the system was to operate in temperatures below -40 and the ability to control and manage the wireless system from anywhere in the world, thus removing the need for site visits. As well as the added resilience that a **SilverNet** wireless **MESH** system has.

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