



## REMOTE VIDEO SURVEILLANCE SYSTEM OVER WIRELESS PLATFORM

The district of San Miguel has high traffic areas and high commercial activity where a reliable surveillance is needed, so it has taken on a video surveillance system that allows to provide security in strategic areas. In order to observe the impact of these areas, the cameras located in different parts of the district are controlled with a wireless network that operates in the 5.8 GHz license-free frequency. This network, which incorporates the 2 nodes, which house, every one, an average of 10 cameras, whose images are relayed to a central node, which completes the video surveillance system.

### TECHNICAL DETAILS

**Client:**

Municipality of San Miguel

**Location:**

San Miguel district.  
Region Lima, Peru.

**Solution:**

Remote Video Surveillance System  
over Wireless Platform

**WebSite:**

[www.munisanmiguel.gob.pe](http://www.munisanmiguel.gob.pe)

### CUSTOMER DESCRIPTION

San Miguel district is characterized by residential areas as well as having one of the busiest shopping areas and major de Lima, the capital city. Because of these elements, San Miguel authorities are committed to ensuring good governance of the district through a concerted coordination work with other public and private sector and community organizations.

These functions are carried out with the aim of achieving sustainable development and inclusive for all its approximately 129 000 inhabitants, guided by the order and security necessary for

coexistence and permanence of values, traditions and customs that have characterized San Miguel, with his vision of progress and integration into modernity.

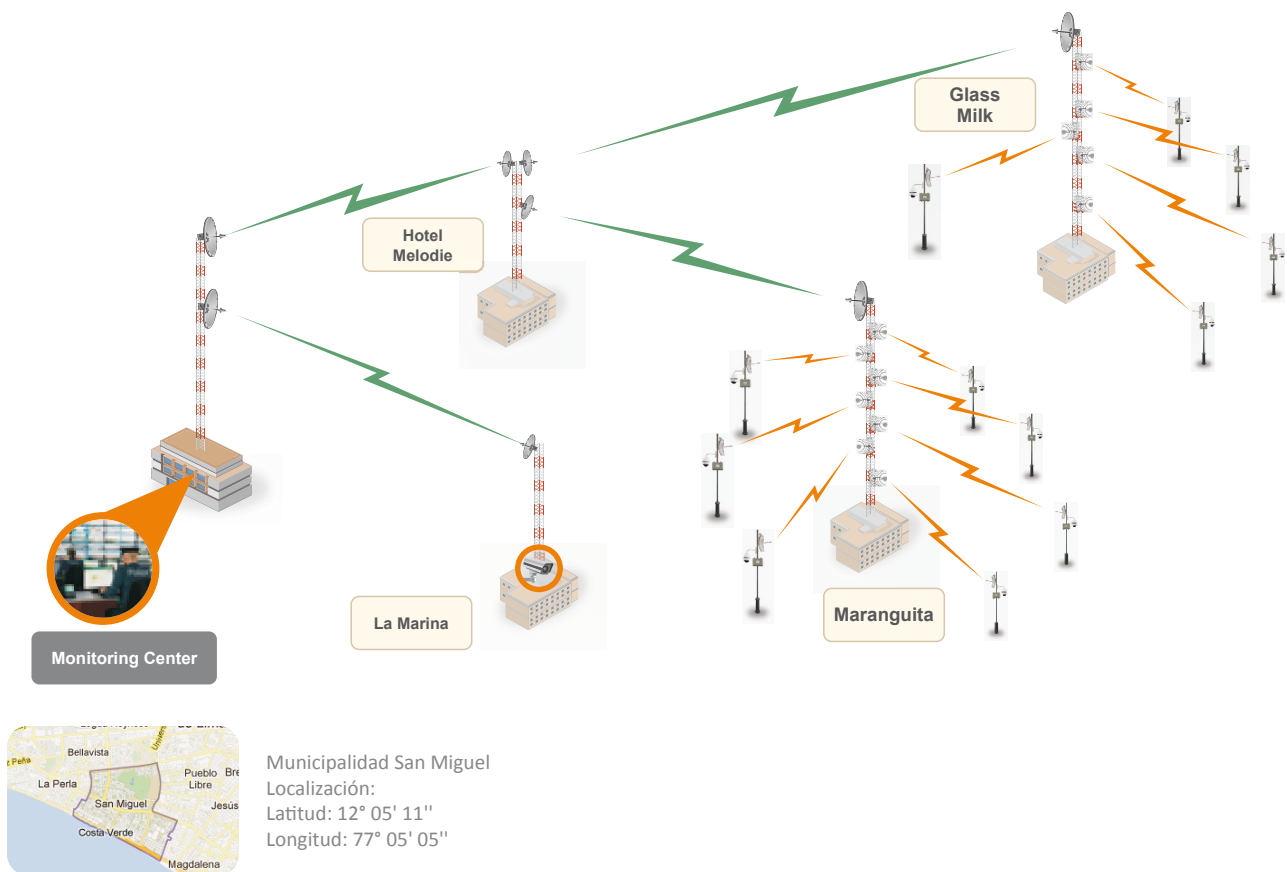
San Miguel is one of the districts of Lima by the population of the region enter daily Callao Lima region, so that their surveillance systems require high traffic cover this flow represents. Also bordering districts of about Lima Lima, Pueblo Libre, Magdalena del Mar and coastal management shares with other coastal districts of Lima.

## PROJECT DESCRIPTION

The district of San Miguel has an active trade zones that require an optimal security system to stop criminal acts. In order to observe the impact of these areas, the cameras located in different parts of the district are controlled with a wireless network that operates in the 5.8 GHz license-free frequency. This network, which incorporates the 2 nodes, which house, every one, an average of 10 cameras, whose images are relayed to a central node, which completes the video surveillance system.

The equipment is part of the solution provided to the Municipality of San Miguel has been adapted to specific customer needs. Therefore Backhaul system is used Multiband, which handles a lot of point to point making it necessary to structure the network into different segments to maximize the performance of the platform TCP / IP. Because of these characteristics are sought to implement a user-friendly system, network management and control, so the equipments were set up that provide access to the network at Layer 3 of the OSI model.

Thus, by implementing Netkrom Multiband equipments that make up a robust and secure, professional video system implemented for the client meets the requirements of reliability and availability 24 hours a day, 365 days a year, with a high quality and maximum frame rate per second and with the possibility of implementing various video applications, including a review of incidents in conjunction with continuous recording work.



## BENEFITS

- Citizens have the security and confidence to move about the streets of the district without fear of being victims of criminal acts.
- Monitoring, recording and display local and remote simultaneously, unrestricted by geographic location of equipment, thanks to the IP platform.
- Ability to review previous recordings without interrupting real-time recording.
- Remote configuration of all devices in the network.
- Ability to set privileges and access levels for the overall system and individually for each device.
- The wireless network architecture implemented allows you to install safety devices in widely separated locations.