



## REMOTE VIDEO SURVEILLANCE SYSTEM OVER WIRELESS PLATFORM

To meet the security needs of the district of San Isidro, a comprehensive system of performance PTZ dome optimum viewing, recording and control has been deployed. This service is made possible through the wireless platform that works with point to point links, from TCP / IP architecture in conjunction with the characteristic of the OSI Model Layer 3 of the equipments that Netkrom has.

Netkrom has employed their Multiband Radio MB-ROMB equipments, whose capacity enables simultaneous performance of two wireless interfaces without affecting the quality of service in regards of performance and routing equipment.

### TECHNICAL DETAILS

<b>Client:</b> Municipality of San Isidro.	<b>Location:</b> San Isidro district. Region Lima, Peru.	<b>Solution:</b> Remote Video Surveillance System over Wireless Platform	<b>WebSite:</b> <a href="http://www.munisanisidro.gob.pe">www.munisanisidro.gob.pe</a>
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### CUSTOMER DESCRIPTION

The district of San Isidro is, in the streets, a mixing tradition and modernity. It keeps the legacy of having been founded on what once were the rustic San Isidro and San José de Huatica estates, while opening its doors to the new era by providing its neighbors all the amenities needed to live in peace, including security.

In addition, San Isidro has a personality marked by progress and urban development consisting of residences, multifamily buildings, commercial and financial center, becoming, in addition, as the district with the most important financial center

of the capital city, Lima, so brings together people from all districts, attending different activities. This flow tends to come mostly from the neighboring districts, Lince, La Victoria, Jesus Maria and San Borja, it adjoins the north-northeast flank and Surquillo, to the south and Miraflores and Magdalena del Mar, which also shares a portion of the coast of Lima.

For the features that are used to the residents of San Isidro, the district authorities are committed to providing quality services in all areas of life in society.

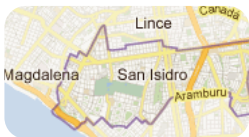
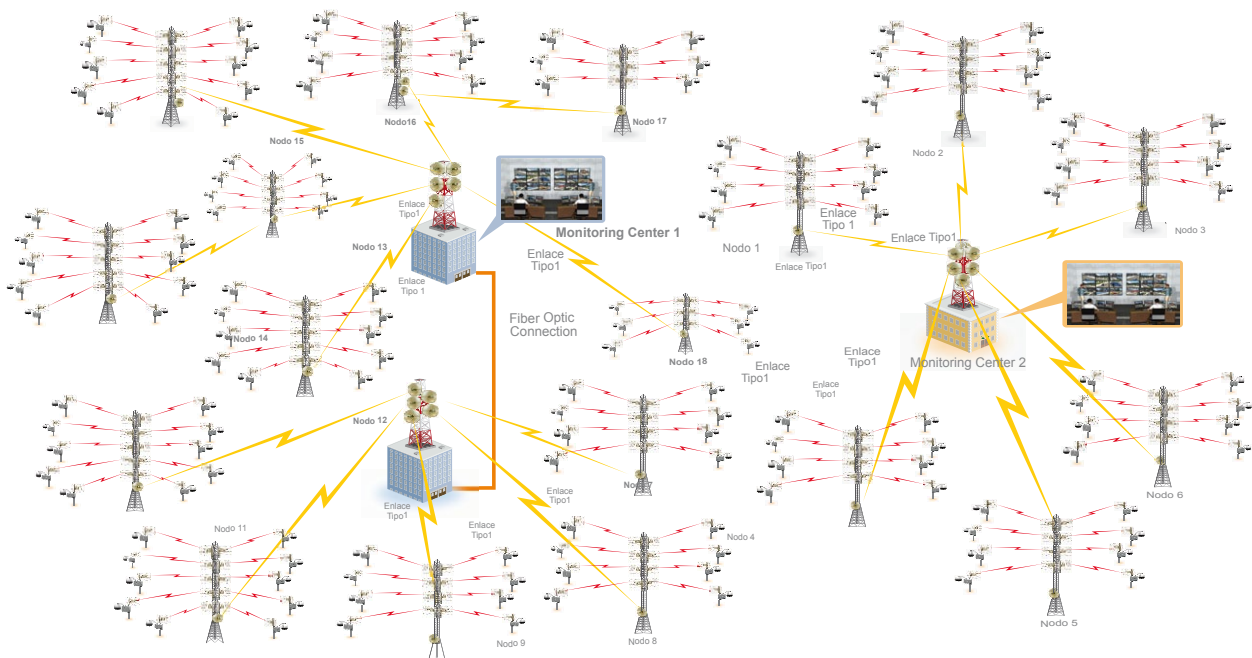
## PROJECT DESCRIPTION

San Isidro has high traffic and trade areas that require optimal safety systems operating continuously, so Netkrom has provided the municipality with a wireless video surveillance system, consisting of a network of surveillance cameras strategically located in such areas.

This system consists of a total of 150 surveillance cameras that provide security to the residents, from a complete wireless platform that works with the resources necessary for the transmission of real time video via links with Multiband Backhaul MB-ROMB equipments, working in free bands from 4.9 to 5 GHz and high gain antennas to meet the objective of optimum performance and link bandwidth.

In addition to the initial project, the Management of San Isidro Public Safety and the Netkrom Technologies Engineering and Operations Department conducted a study of incidence, field work and research which found 76 cameras installed to reinforce the security system , with a view to provide maximum security to the district.

Therefore, the network that has the municipality of San Isidro is based on a wireless platform optimized for a secure and robust system, which ensures significant reduction of crimes in residential, commercial and financial, which it meets a basic need of people who live and work in San Isidro.



Municipality of San Isidro  
Location:  
Latitude: 12° 06' 04"  
Longitude: 77° 02' 07"

### BENEFITS

- The district of San Isidro, to implement a complete security system, consisting of 150 video surveillance cameras, gives neighbors the confidence to transact business, travel and lead a quiet family life within the district.
- The characteristics of the wireless platform covering the need for rapid response to criminal acts, because the images are recorded in real time while viewing in a central location.
- Remote configuration of all devices in the network.
- The wireless network architecture implemented allows you to install safety devices in widely separated locations.
- Monitoring, recording and display local and remote simultaneously, unrestricted by geographic location of equipment, thanks to the IP platform.