

# Videosurveillance project Comune di Rende

## Project

The city of Rende is an important university center situated in the South of the Italy near the city of Cosenza. To make easy and efficient the road condition of the city centre of Rende, it has been created an efficient system of wireless videosurveillance to control the city traffic, and the security of the citizens.

The system's control room is located in the police station of Rende; the main system's features are:

- ☒ simple management systems;
- ☒ fully digital management and recording systems;
- ☒ system flexibility;
- ☒ fully future net implementation;



## Technologies

In reference to the project's guidelines, it has been defined the potentially sensible sites in the citizen area. Every site has been developed to realize a series of videosurveillance points interconnected, through an RF wireless infrastructure (OFDM Technology), to the control room located in the police station.

It'll be able to transfer the images acquired from cameras to the video management and recording server, situated in the control room.

The videosurveillance system is made by three different subsystems:

- ☒ image acquired system;
- ☒ images transportation system;
- ☒ Images acquisition, management and recording system (control room);

## Territory

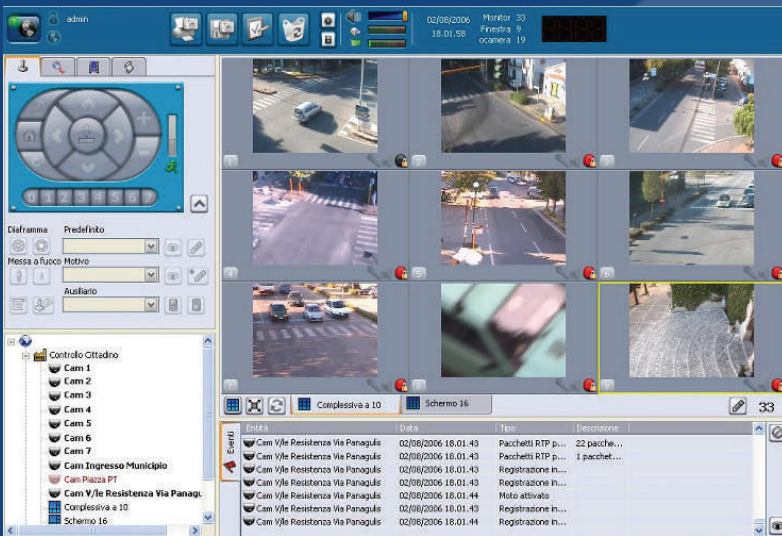
The territory where the plan has been implemented, is the city of Rende an important University Center of the south Italy near Cosenza.

The territory of Rende is characterized for its particular morphology -mainly hilly- and it's situated in the Crati's valley.

For the presence of the University of the Calabria, Rende has adopted an efficient system of videosurveillance to control not only the city traffic, but also the security of the citizens.

## Targets

- ☒ Integration with resident videosurveillance system with implementation of a new fully digital videosurveillance system Video over IP technology (Video over Internet Protocol);
- ☒ Hiperlan coverage and PTP links implementation (unlicensed 5,4GHz ISM band) to carrying images to the control room;
- ☒ Realize an acquisition, management and recording system (control room) fully based on digital devices;
- ☒ Guarantee high performances and high availability IT infrastructures;
- ☒ Ensure futures future net implementations;



## Technical solutions

- ☒ n°13 videosurveillance sites;
- ☒ n°1 Wifless™ Hiperlan PTP links ;
- ☒ n°2 Hiperlan Coverage;
- ☒ n°2 Hiperlan PTP links;

## Wifless™ Systems

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## Partners



Comune di Rende

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