

Rivas Digital City City Hall of Rivas Vaciamadrid



BOSCH
Invented for life

Industry:

Government building

End User:

Rivas Digital City

The city of Rivas Vaciamadrid is located in 10 km distance to Madrid at the conjunction of two rivers in a landscape that is famous for its ecology. That makes the city a fantastic place to life in and therefore Rivas Vaciamadrid with a population of 50.000 people has been the fastest growing city of Europe in the last twenty years.

The city hall of Rivas Vaciamadrid aims to maintain the well-being and development of its citizens. With the help of new technologies it wants to reduce the distance between governmental institutions and the citizens.

Business Objective:

The aim of the city hall to incorporate new technologies has not been fully achieved yet. Nevertheless, it can be seen in most of the communities that technologic innovations have improved and facilitated the communities' work and consequently helped them to be more efficient.

The project was assigned to connect new technologies with citizen interests.

Within the building of the local police it was required to establish a central CCTV system that makes it possible to control the traffic in the city and to guarantee the safety of public institutions, police and sport facilities.

Solution:

The proposed solution consisted of Bosch EnviroDome cameras equipped with dual-channel encoders VIP-X2 with dual streaming to control the traffic. Each camera can be operated remotely from any PC within the police building. A NVR Server was implemented for recording and storage of the streams.

For video surveillance of certain institutions such as sport facilities outdoor EnviroDomes for perimetric control and fixed cameras for indoor and outdoor use LTC0455/51 were installed. These cameras send a signal to the local recording encoders VJ8008 to make it available in the network. The signal of the domes is sent remotely to the NVR server. In addition, the control center of the local police was equipped with encoders VIP X, keyboards KBD and the video management software VIDOS for 64 channels.



Building of the city hall of Rivas Vaciamadrid

Finally, the integration of this new equipment with already existing Bosch CCTV products was realized. Furthermore, the system was update with domes and IP cameras.

Bosch products were chosen because of the quality of their images and the possibility to integrate them into the already existing systems and components such as access control, data transmission and remote control.

Results:

The company AUDITEL Ingeniería y Servicios, a Bosch partner, was able to offer and install a solution for traffic supervision and video surveillance of public facilities integrated into the central system for the city hall of Rivas.

Installed by:

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Control center (police building)



Police building



Installed cameras and domes



Encoder

