



CASE HISTORY

Maximum security for the prison of Novara (Italy)

THE END USER

Located in a building of the 1970s, the prison of Novara (Italy) houses two different sections: one for the detention of common criminals and another for the so-called "hard prison regime" for inmates imprisoned for Mafia-related crimes.

The structure also has outdoor recreational spaces, internal areas for common use and others used for family visits. Health care personnel and educators dealing with job training also have access to the facility.

THE CHALLENGE

Video surveillance and security in a prison pose several challenges, since in addition to safeguarding the health and life of inmates, security guards and external personnel who attend the place every day, it is necessary to add compliance with the principles of:

- necessity (guarantee of anonymity and elimination of data)
- proportionality (location and number of rooms, video redundancy, database creation, data retention duration and many other principles)
- purposes (definition of legitimate purposes) established by law for the protection of privacy.

Moreover, the Italian legislation, in accordance with the Article 41-bis of the Prison Administration Act, provides for specific norms about the video surveillance of "hard prison regime" inmates, that the prison of Novara houses in a dedicated area.

Maximum security for the prison of Novara (Italy)

The security system, in fact, must include continuous video surveillance, which the law considers a proportional and necessary means to make the public interest prevail to the detriment of the protection of the inmate's privacy.

Finally, from the point of view of hardware, the prison already had an analog video surveillance system, which had to be modernized for progressive digitization and conversion to state-of-the-art systems.

THE INSTALLER

Leone Allarmi is a company founded in 2004 but with more than twenty years of experience in the security sector. From the beginning, it has aimed to specialize in the integration between security, lighting, and automation, both in the residential and corporate fields, and in rapid intervention at any time.

For this project, Leone Allarmi was consulted by Abes, a company specializing in the security sector that also provides design, logistics and technical training services.



LEONE ALLARMI

Specialisti in impianti di sicurezza centralizzati e certificati



THE SOLUTIONS ADOPTED

eMotion VMS with OMNIA interface

Designed to provide a higher level of customization, eMotion is the most suitable Artec VMS license for the management of a single server and the access of an unlimited number of users connected at the same time.

eMotion is scalable and expandable, perfect for managing small to medium plants. Simple and intuitive, it can be extended at any time to manage and integrate other security devices, such as access control, anti-intrusion, or video analysis.

Integration

The implementation of the security system involved the construction of an optic fiber infrastructure for the integration of more than 100 cameras, including several at 5 Mp, and different types of sensors such as anti-climb barriers combined with Speed Dome, volumetric sensors, and emergency buttons.

A fundamental work of modernization of the current offer was then carried out: through the Artec Security Connector Integration System it was possible to centralize several pre-existing systems that until then had been managed through an old-generation synoptic panel; Bosch cameras have been enabled in the video analytics function to provide reports on graphical maps through Artec Everywhere.

OMNIA

All information from the alarm system is integrated into OMNIA, the interface provided by Artec to authorized personnel.

OMNIA is the Video Management Software created to unify all security devices in one user interface and provide all the tools to achieve a total security.

OMNIA's open architecture allows to interconnect Artec software with third-party software applications, integrate solutions such as fire, intrusion, and access control, and always give the user with a clear and detailed picture of the security status of the monitored area.