

## INDUSTRY

IP Video Surveillance System.

## END USER

Parmalat, is the unique Italian Public company, founded on the 6th of October 2005, the day it was quoted on the Milan Stock Exchange. Parmalat Group is one of the few Italian multinational food companies and one of the top global players in the "added-value functional food" segment, which, in 2008, had a turnover of 3.9 Billion Euros. The group is present in all five continents through either a direct presence or through license agreements.

## BUSINESS OBJECTIVE

The Main target of the installation is the centralization of all the security systems. The ability to see from the storage area in Scodoncello to the head office in Collecchio, allowing security teams to monitor all the areas from a single operations centre to ensure plant security.

## SOLUTION

Arema Security System ([www.aremasecurity.it](http://www.aremasecurity.it)) and Promelit ([www.promelit.it](http://www.promelit.it)) planned and installed the Di Mavision system, the Promelit platform which uses exclusively IP technology.

The system features 36 Promelit Varifocal cameras with IR, mechanical Day & Night, High image quality for every lighting situation and 2 cameras with Speed Dome technology. In Collecchio 27 cameras are installed in order to protect the industrial heritage and sensitive areas. In the Scodoncello storage area the installation includes 8 DiMax Varifocal cameras, a rack and a POE switch for Radio Bridges.

To connect the two plants, Arema Security System installed 2 couples of ProLink 522+ Radio Bridges point-to-point 5.4GHz with a signal transmission up to 108Mb/s; one couple transmits video streams and alarm signals to the main office and the other is directly connected to a remote workstation for the viewing of both live and recorded images. The pivotal element of this system is DiMavision platform which allows you to manage up to 10,000 cameras, optimizing IP video surveillance for various applications and to use advanced technologies to view, record and distribute audio and video.

Two workstations were installed in Collecchio and Scodoncello allowing security to access the DiMavision distributed architecture from any point of the system.

The software is made in such a way that it is possible to integrate additional video analysis modules also featuring a plate recognition system: DiMax Plates. Two camera groups were installed by the access ways in order to manage the database of authorized vehicles and to assist in automatic gate opening.

The video connection between Collecchio and Scodoncello was completed through an optic fiber connection, guaranteeing perfect signal transmission and immunity against electrical interferences. This solution allows the security team to monitor areas and to remotely view video signals coming from Scodoncello's plant within the porter's lodge in Collecchio.



## RESULT

Arema Security System solution allows the usage of the best technologies available on the market and it is open to future innovations thanks to HD image capture and traffic access control.

DiMavision management is easy and intuitive, with both live and recorded images, and the ability to assist in research and export.

Of no less importance are economical benefits: versatility of the devices, which can satisfy more functions at the same time, allowing you to optimize acquisition and management costs avoiding the usage of expensive devices and moreover allowing the user to interface with just one technical support.

As a result, Parmalat S.p.A. is protected by a very high-level security system.