

SUCCESS STORY —

## CMR GROUP

Fruits CMR is driving its digital transformation with a comprehensive solution for security, operational control, and intelligent networking.



## CMR GROUP

CMR GROUP is a leading company in the fruit and vegetable sector, with over 140 years of experience, specializing in the distribution and marketing of fruits and vegetables both nationally and internationally. Its parent company is Fruits CMR, located in El Prat, Barcelona.

With commercial branches in Spain, France, the Netherlands, Portugal, and Morocco, its main activity is the wholesale marketing, import, export, and distribution of fresh produce.

The organization also includes within its structure a production company in Brazil, as well as a business dedicated to the production and marketing of 100% fruit-based ice creams.



## The challenge    Technological modernization to enhance security and operational efficiency

Fruits CMR was undergoing a process of technological modernization to address three key challenges:

- Ensuring the security of its facilities across multiple sites.
- Optimizing the control of operational processes in key areas such as packaging and recycling.
- Unifying the access and attendance system under a comprehensive solution.

With logistics and production centers in Mercamadrid, Mercabarna, El Prat, and Mercaleón, the company needed a scalable technology platform that not only provided high-quality video surveillance, but also enabled the management of production processes such as monitoring product packaging and supervising waste disposal in the recycling area.

In addition, Fruits CMR needed to replace its access control system, which did not integrate employee attendance management or allow for performance tracking by area or shift. The goal was to centralize access and time management into a single, connected, and secure platform.

*"Instel has supported us in a key technological modernization process, deploying video surveillance, access control, and network solutions in a coordinated and efficient manner. Their technical approach and adaptability have been crucial in enhancing security and operational control across our facilities."*

Quim Morer, Chief Information Officer at CMR GROUP

## The solution    Technology architecture focused on security, control, and productivity

To address the group's needs, a comprehensive solution was developed and implemented to optimize various operational and management aspects:

- **Smart IP video surveillance for security and operational control.** IP video surveillance cameras from Axis Communications were installed in key strategic areas to ensure both security and operational monitoring:
  - Packaging areas, with cameras focused on process tracking and time control.
  - Recycling zones, where waste disposal into different containers is monitored.
  - Cold rooms and freezing areas, securing critical storage zones.
  - Loading docks, interior corridors, and pedestrian and vehicle access points.

Axis cameras offer high resolution, advanced night vision, and efficient compression capabilities, not only ensuring security but also optimizing operational processes in real time.

- **Recording servers.** To ensure continuous recording and reliable image storage, dedicated servers with redundant architecture were deployed at each of the company's main facilities. These systems enable decentralized yet coordinated management, with secure remote access and high availability for security and operations teams.

## The solution Technology architecture focused on security, control, and productivity

- **Integrated access and attendance control on a single platform.** The company replaced its old access control system, which only validated entries and exits, with a comprehensive solution from Intemo Technologies, capable of unifying access control and employee attendance tracking. The Intemo platform, installed in Madrid and Barcelona, allows for logging work hours, controlling access to critical areas, and linking attendance data to specific processes such as packaging.
- **High-performance network infrastructure.** A CommScope Cat-6A GigaSPEED structured cabling system was deployed, designed to ensure high-speed and reliable data transmission across the entire infrastructure. This cabling efficiently supports critical systems such as Axis IP cameras, recording servers, and access and attendance control systems. The implementation of this network not only ensures optimal and stable performance, but also allows for seamless integration of the group's technological systems, providing a scalable infrastructure that supports future expansion and evolving technological demands.

*"Thanks to the new infrastructure, we have improved real-time monitoring of critical areas and optimized access and attendance management. This has allowed us to increase operational efficiency and have more accurate information for decision-making."*

Quim Morer, Chief Information Officer at CMR GROUP

## Benefits

- **Greater traceability and production control:** Monitoring and tracking of key processes have been significantly improved, ensuring more detailed and efficient production control.
- **Real-time supervision in critical areas:** Real-time monitoring of areas such as recycling and storage has been optimized, facilitating informed decision-making and compliance with regulations.
- **Optimization of operational time:** Attendance control has been integrated with production operations, enabling the reduction of unproductive time and increasing team efficiency.
- **Robust and reliable connectivity:** A certified, high-performance network infrastructure has been implemented, ensuring stable connectivity across all technological systems, from cameras to recording servers.
- **Scalability and future readiness:** A flexible technological environment has been created, fully prepared to adapt to future growth while meeting the highest standards of quality and performance.



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