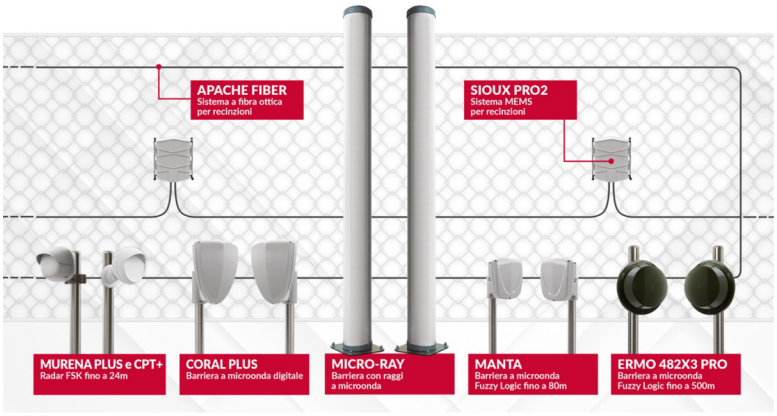
INTEGRATION



Extreme weather conditions such as fog, rain, humidity, temperature variations and sudden light changes pose the biggest challenges to video surveillance systems. Regardless of the presence of video analytics, Day/ Night or thermal, is to ensure the surveillance system achieves the highest probability of detection with the lowest number of false alarms possible.
The integration partnership between the CIAS and MILESTONE platforms optimize the level of security provided to meet these challenges.

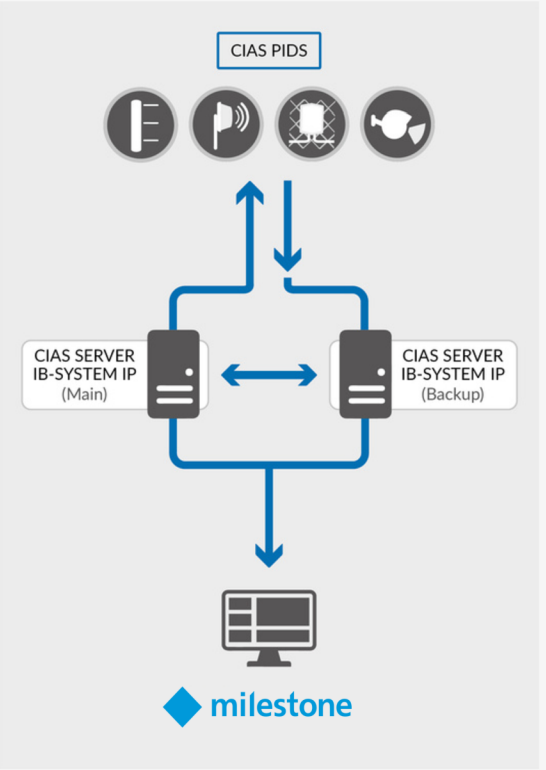
WHO IS MILESTONE ?

Milestone Systems is one of the leading global manufacturers of video management software (VMS), among the first to have created a completely open platform thus allowing integration with the widest choice of cameras and the best business solutions in the world. sector.
The perfect combination of Milestone's cameras, installed sensors, software and open platform analysis tools allows us to obtain usable information from video data, but always from a responsible perspective that gives priority to the human dimension.

Consult the website www.milestonesys.com/it for more information

CHARACTERISTICS

The integration of the CIAS protocol takes place through the IB-System IP collection and polling system which, by communicating with the external field where the sensors are present, is able to transfer all pre-alarm, alarm, fault, tampering and non-response states in the Genetec platform.



COMPATIBILITY

CIAS

- Ermo 482X3pro
- Micro-Ray
- Manta
- Coral Plus
- Pythagoras
- Murena Compact+
- Sioux MemsPro2
- Apache Fiber
- Blackfeet cable Plus

Milestone

- XProtect Express
- XProtect Professional
- XProtect Professional+
- XProtect Enterprise
- XProtect Expert
- XProtect Corporate

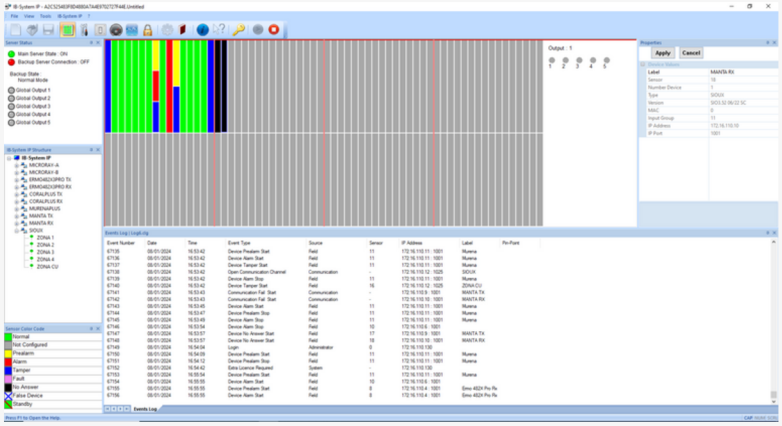
HOW INTEGRATION WORKS?

When an intrusion attempt is detected by the CIAS sensors located on the perimeter to be protected, a response and interaction mechanism is immediately activated. Specifically, IB-System IP will collect all the information coming from the field, certifying the alarms and communicating them to the Milestone platform located in the control center. The alarms received, based on the presets or previously programmed intervention logics, will direct the vision of one or more cameras at the location of the event in order to video confirm the presence of the intruder and start a video recording.
This integration makes it possible to speed up the interpretation and classification of the alarm event and obtain effective site protection even in the event of adverse weather conditions.

WHAT IS IB-SYSTEM IP?

IB-System IP is the CIAS software system for the acquisition of all alarm states. The collection takes place via Ethernet connection on TCP/IP protocol or via RS485 network and Cias IP converter. The system is able to manage up to 1280 sensors with a latency time never exceeding 500mSec. The application manages a series of Cyber Security levels essential in the perimeter protection of critical infrastructures such as: AES128 encrypted communication, MAC signature and IEEE 802.1X security.

IB-System IP allows you to set an output protocol for each of the 50 configurable outputs. IB-SYSTEM IP is compatible with Milestone System A/S versions of XProtectT that manage "Generic Events". To integrate with the Milestone System A/S XProtect video surveillance system, the "milestone.dll" plugin file is used, which is automatically installed by the installation SETUP.

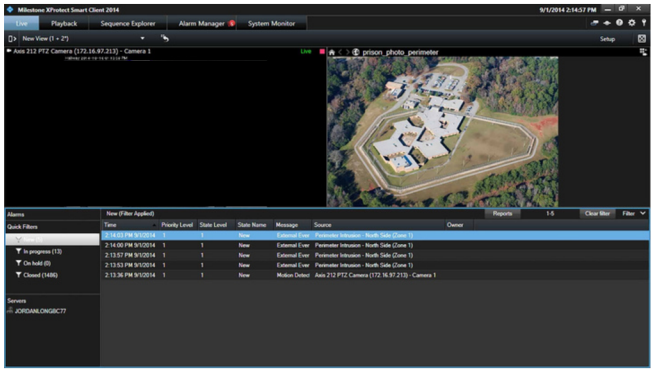


CONFIGURATION

Once the IB-System IP application has been started, you need to choose the Milestone protocol. To complete the configuration, you must enter the IP address of the server on which the Milestone System A/S XProtect software runs.

To interpret the events sent by the IB-System IP system you need to set the "Generic Events" in the Milestone system with the following syntax: Status | Device Number | Start end.

- It is important to set a high POLLING rate on the generic alarms port in Milestone to collect all events
- You need to make sure that “Generic Events” are enabled
- Check that the IP address of the source of the "Generic Events" is entered
- To ensure that the "Generic Events" generate an alarm it is necessary to activate the alarm from the "System Events" event with "External Event" detail and select the specific event of interest as the source



HOT BACK-UP OF SYSTEM

In the event of a failure of the main server, the presence of the backup server guarantees continuity in alarm management