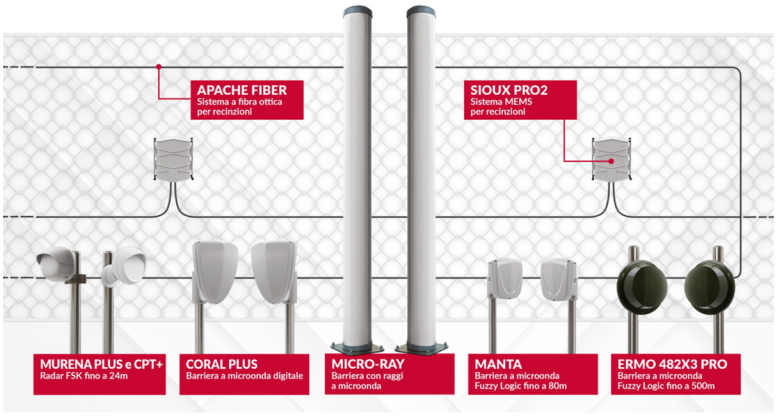
INTEGRATION



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 GENETEC platforms optimize the level of security provided to meet these challenges.

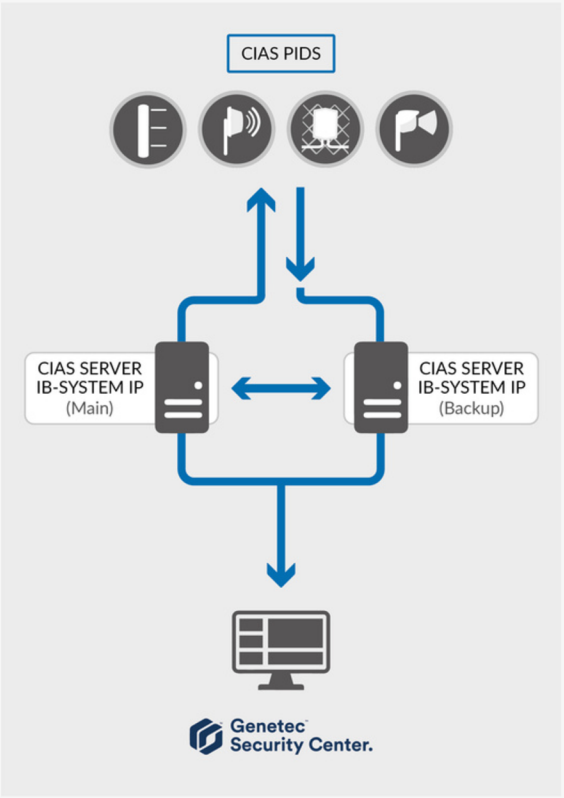
WHO IS GENETEC ?

Genetec, a Canadian company and leader in the security surveillance industry, provides security solutions that can observe and understand the surrounding environment. Thanks to the Security Center platform, information, sensors and security systems can be connected in a single, intuitive interface to provide rapid response for. Intervention the protected site. Genetec unifies video surveillance with access control and intrusion monitoring.

See www.genetec.com for more information

FEATURES

Integration of the CIAS protocol is done through the IB-System IP collection and polling system, which, by communicating with the external field where sensors are located, can transfer all pre-alarm, alarm, fault, tamper, and non-response states into the Genetec platform.



COMPATIBILITY

CIAS

Ermo 482X3pro
Micro-Ray
Murena Plus
Sioux MemsPro2

Genetec

Omnicast Pro 4.8 SRx
Omnicast Ent 4.8 SRx
Modulo RSA
Security Center Pro 5.2.. 5.11 SRx
Security Center Ent 5.2.. 5.11 SRx

HOW DOES INTEGRATION WORK?

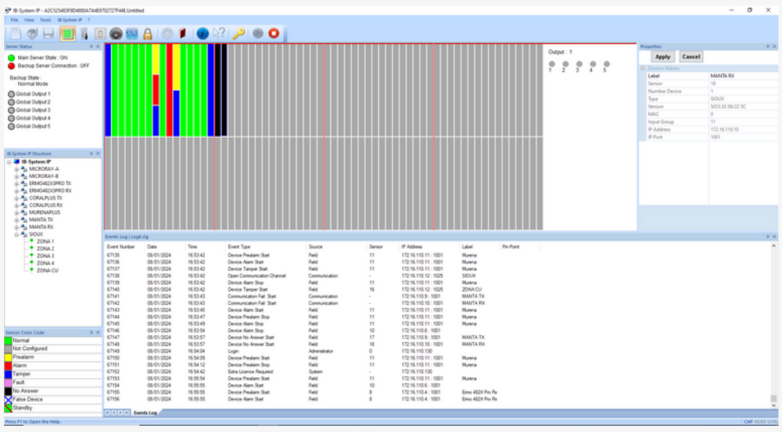
When an intrusion attempt is detected by CIAS sensors deployed on the perimeter, a response and interaction alert is immediately activated. Specifically, IB-System IP will collect all information from the field, process the message and communicate it to the Genetec platform located in the control center.

The received signal, based on presets or previously programmed intervention logic, will direct one or more cameras to the event to confirm the presence of the intruder and trigger a video recording. This integration enables rapid interpretation and classification of the alarm event and to achieve effective site protection - even in the most adverse weather conditions.

WHAT IS IB-SYSTEM IP?

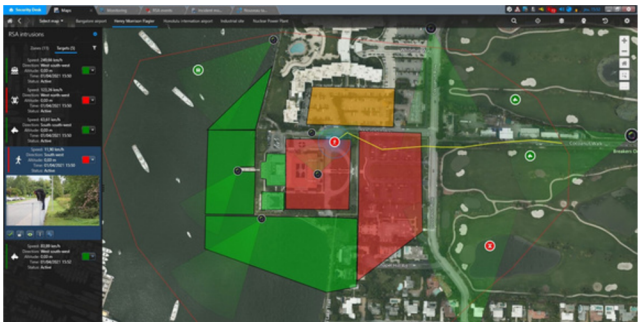
IB-System IP is CIAS's software system for capturing a full range of alarm states. Collection is via Ethernet connection over TCP/IP protocol or via RS485 network and CIAS IP converter. The system can handle up to 1280 sensors with a latency time never over 500mSec. The application handles a number of Cyber Security layers essential in perimeter protection of critical infrastructure systems such as: AES128 encrypted communication, MAC Signature and IEEE 802.1X Security.

IB-System IP allows connection to Omnicast or Security Center, Genetec's Video Management Systems, through the "Genetec" plugin specially designed by CIAS. This protocol can manage all sensors in the system from a single output.



MODULE RSA (Restricted Security Area)

The same plugin also allows integration with the special RSA module inside Security Center added by GENETEC to provide more advanced perimeter protection through a graphical user interface. The Restricted Security Area allows real-time tracking of the intruder's movement, showing its path through geographic maps for early intervention.



CONFIGURATION

In IB-SYSTEM IP the plug-in is automatically activated through the license in the hardware key (upon purchase of the specific PLUGIN-GENETEC license). GENETEC plug-in activation by a dedicated license, named GSC1SDK-CIAS-IB-SYSTEM. If the plug-in is present, IB-SYSTEM IP shows the "Genetec" page in the OPTIONS panel. Once all fields are set up for all the EVENTS you can then proceed to configure the ALARMS in OMNICAST/SECURITY CENTER creating specific ACTIONS related to the generated EVENTS.

HOT BACK-UP OF SYSTEM

In the unlikely event of the the main server goinges down, a backup server ensures the continuity of alarm management.