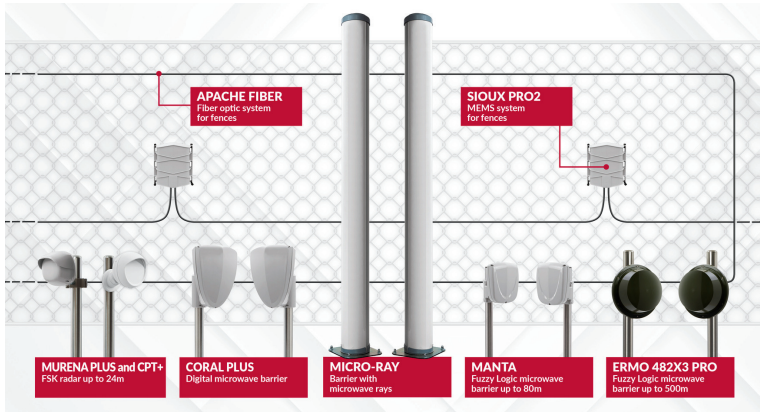
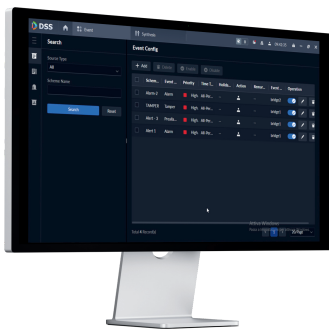


INTEGRATION



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

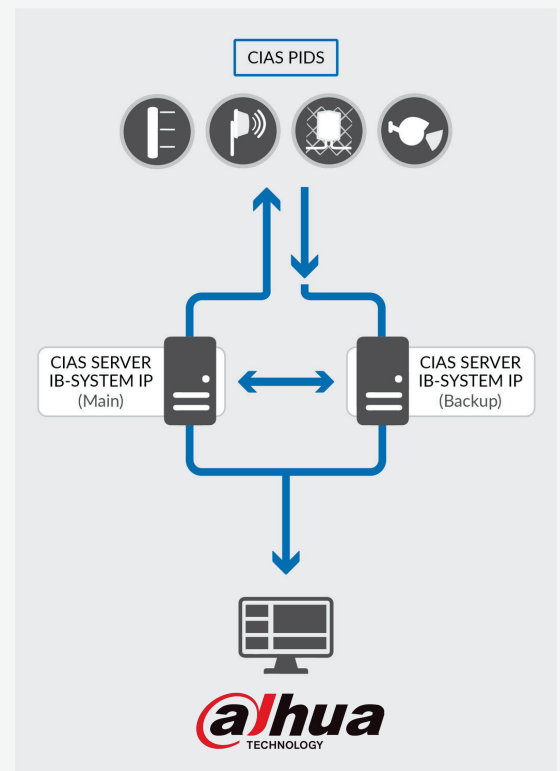


WHO IS DAHUA?

Dahua Technology is a globally recognized provider of video-centric AIoT solutions and security services. The company has grown into one of the leading enterprises in the security industry, offering a comprehensive range of products and solutions, including IP and HDCVI cameras, network and digital video recorders, video intercom systems, access control, alarms, thermal imaging and intelligent traffic technologies. Dahua is committed to continuous innovation, investing strongly in research and development to deliver reliable, advanced and cost-effective solutions for cities, businesses and customers across a wide variety of sectors worldwide.

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 DAHUA platform.



COMPATIBILITY

CIAS

Ermo 482X3pro
Micro-Ray
Murena Plus
Murena CPT+

Sioux MemsPro2
CoralPlus
Manta
Satellite-110
Satellite-8IN

DAHUA

DSS Pro

HOW INTEGRATION WORKS?

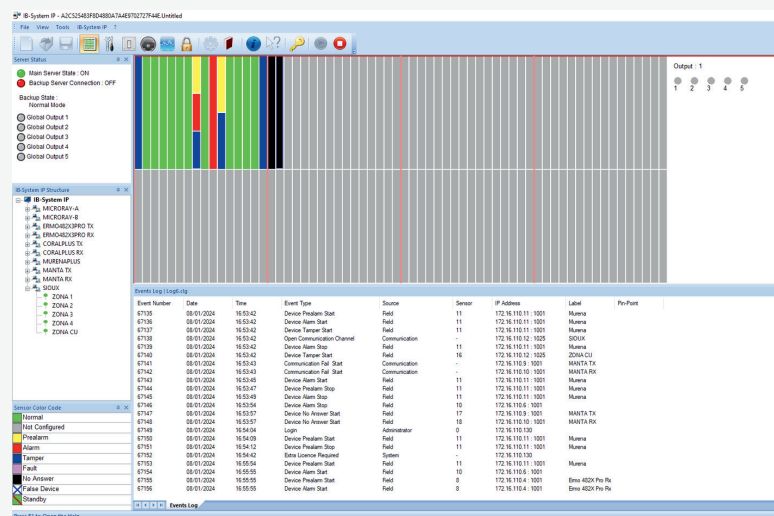
When an intrusion attempt is detected by the CIAS sensors located on the perimeter to be protected, a response and interaction mechanism is immediately activated. Specifically, IB-System IP will collect all the information coming from the field, certifying the alarms and communicating them to the DAHUA 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?

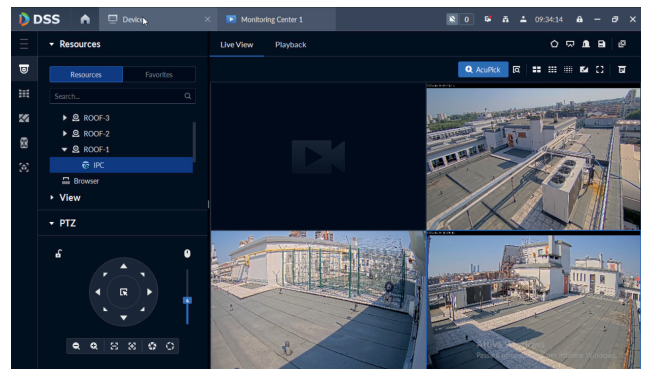
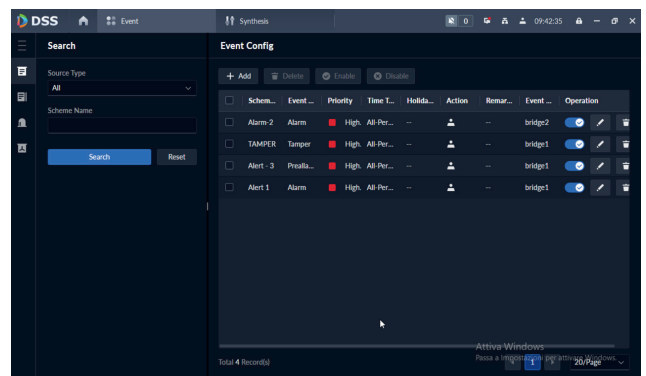
IB-System IP is the CIAS software system for the acquisition of all alarm states. The collection takes place via Ethernet connection on TCP/IP protocol or via RS485 network and Cias IP converter. The system is able to manage up to 1280 sensors with a latency time never exceeding 500mSec. The application 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 DSS Pro.



CONFIGURATION

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



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