PixAlarm / Panodrone

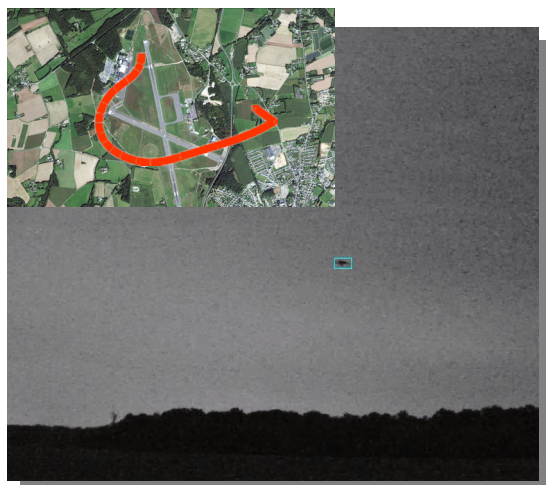**Drone detection server for sensitive areas**

INPIXAL

Secure your sites

PixAlarm / PanoDrone is an **all-in-one drone intrusion detection server,** with **video streaming and recording capabilities**.

Based on InPixal algorithms, PixAlarm / PanoDrone performs cost efficient drone detections over video streams in real-time, whatever the conditions are.

Compatible with standard video-surveillance systems and thanks to an intuitive user interface, PixAlarm allows users to protect sensitive sites against drones intrusion without need of dedicated operators and infrastucture.

Many functions, one product

PixAlarm / PanoDrone includes the following features :

- **Detect and track drones intrusion on a 360° perimeter**
- **Operating range from 150m to 500m** depending on sensor choice
- **Stream all connected cameras** to your web browser
- **Notify external services** (FTP emails, VMSs, …) on alarms
- **Interact with other equipments through dry-contacts**: light, sirens, etc.
- **Replay alarm videos**, associated with a geolocation
- **Auto-detect cameras defaults**, like low light, tampering and blur.
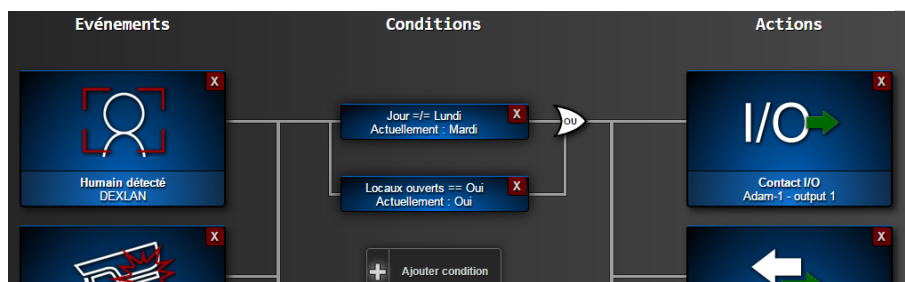- **Permanent recording of incoming videos**

Accessible and adaptative

With its intuitive web interface, all the information reported by PixAlarm/PanoDrone can be **viewed remotely** from your computer or a tablet via a password protected access.

Thanks to its graphical scripting engine, PixAlarm/PanoDrone performs various actions according to your use cases and needs.
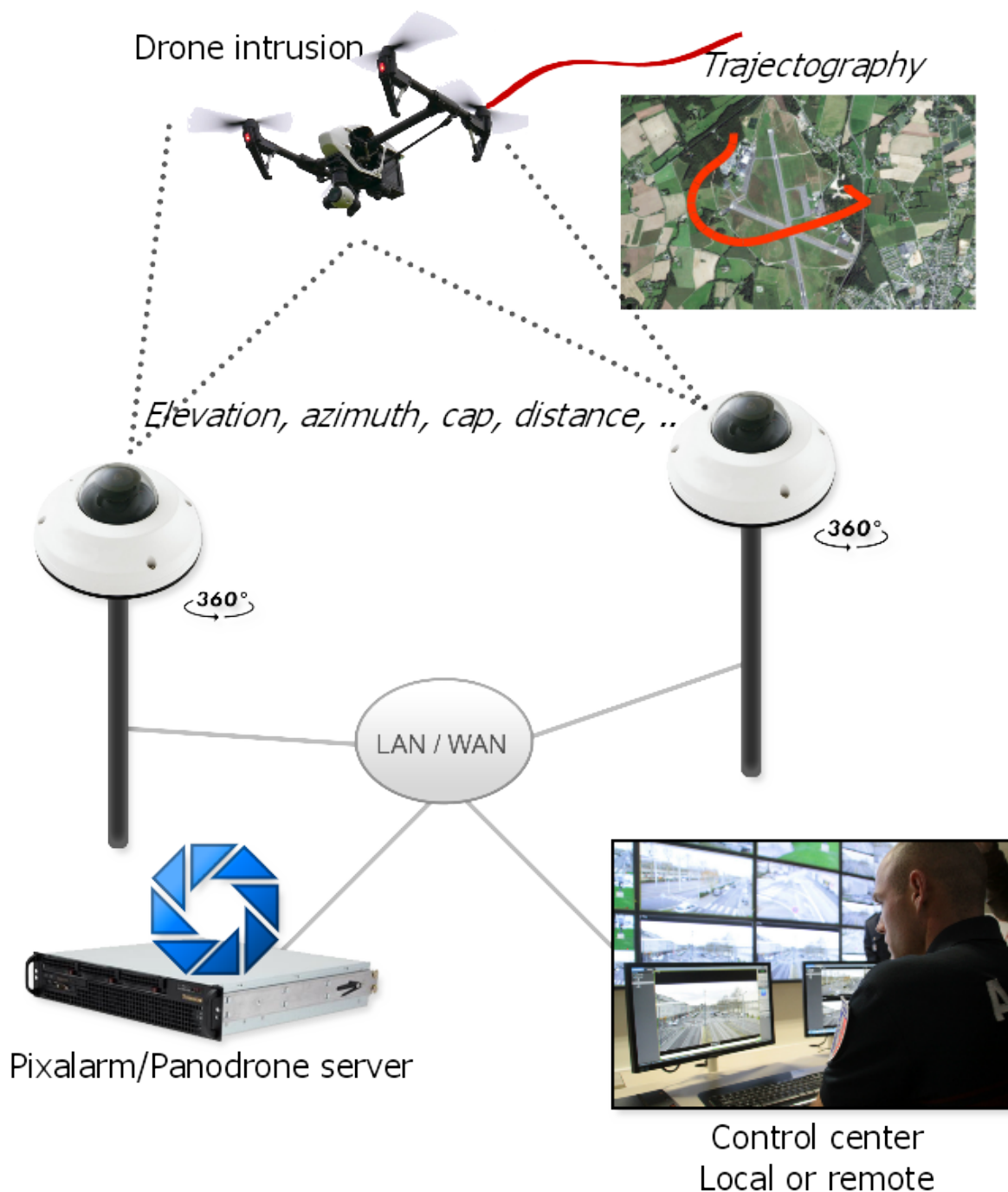
Integration with VMSs

Pixalarm/PanoDrone interfaces with main VMSs from the market : Genetec SecurityCenter, Mirasys, etc. Pixalarm/PanoDrone is also part of the SPID system. It interfaces with CEDARNET sensor network and can be used in conjunction with SPID audio and goniometric drone detectors. SPID is supported by ANR french research agency and SGDSN.

PixAlarm / PanoDrone

Advanced planning

PixAlarm/PanoDrone allows you to plan all behaviours of the application : what to do, when, under what conditions.

Drone intrusion

Trajectography

Elevation, azimuth, cap, distance, ..

360°

360°

LAN / WAN

Pixalarm/Panodrone server

Control center
Local or remote

Serveur	PixAlarm 16+ : from 3 to 6 cameras (2U rack)
	Input : panomorphic IP cameras
	Included 1 year of free support and 3 years guarantee
Dimensions	450 x 440 x 89 mm
Fonctions	Outputs : Email, Modbus, FTP, ...
	Multi formats video decoding
	Storage : 30 days local recording
	Local recording and MPEG streaming
	Interfaces :100 % Web
	Compatible with VMSs