

Critical sites

Perimeter protection



EVITECH's Jaguar® video analytics solution ensures accurate protection of critical sites in many places. Deployments cover military sites, nuclear plants, production sites (metal, energy, construction) but also Intellectual Property sites (for example aeronautical design premises).

Issue : Defence, Industry and R&D customers are looking cost saving and efficient solutions for renewal or complement of existing perimeter protection (based on traditional technologies or even only on physical protection such as fences).

Solution : Depending on site illumination level, criticality of the infrastructure, and budget, colour cameras or thermal ones are installed on the site, whether as a virtual fence (one camera behind previous one), or from the main buildings (looking toward the fences). They can also cover roofs, or specific walls. The cameras are connected to Jaguar monitoring units (8 per unit), which report alarms to the local or remote supervision. Jaguar is configured to detect potential intrusion as well as loitering around the sites.

Tests : Tests are usually handled after system set-up by cooperation between EVITECH's technical team, the integrator and the site security officer who is of course the best informed of security threats on his site.

Remarks : Main reasons for deployments of JAGUAR in these sites are performance requirements, and financial constraints. JAGUAR permits a reliable detection of targets up to 50 to 100 % further when compared to other VCA solutions. Better detection range implies lower number of cameras, and lower number of detection units, which reduces total cost of the project. Also, when it comes to dealing with false alarms, the raising of less than 2 false alarms per day & camera by Jaguar on a few cameras, instead of e.g. more than 10 per day.camera for other solutions with more cameras, multiplies Jaguar's cost effectivity. This has a major impact on time/cost spent by human operator handling intrusion confirmation.

Compared to classical protection solution (infrared barriers for example), JAGUAR will provide a much higher level of performance, for very low civil engineering and maintenance costs.

About Evitech : Created in 2005 in France from a military R&D project, the company has rapidly developed with an average 200% CA progression rate. From a turnover of 500 K€ in 2008, the company targets a turnover of 1 M€ for 2009. EVITECH's software products address the fields of smart video surveillance for global security.

Headquarters :
Evitech Paris
3, rue Buffon
F-91400 Orsay
+33.8.2020.0839

Your reseller :