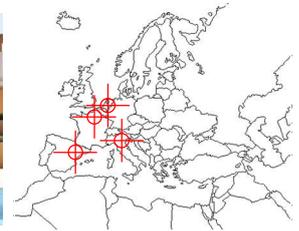


VIP Villa

Safety & security



EVITECH's Jaguar® video analytics solution ensures safe monitoring of the surroundings of VIP villas in Spain, Italy, and France.

Issue : Very Important Persons such as political leaders, industrials or celebrities must face the risks of robbery, abduction, and terrorism. They fear situations of intrusions which can become very violent because of the importance of their wealth, or their own symbolic value. Most of the time, they have unfortunately already experienced such situations.

Solution : Thermal or more classical video surveillance cameras are installed around the villa's gardens in order to ensure a safety round path, without breaking the inner garden and villa privacy. Every visitor of the villa, through all the possible legal accesses as well as every meter of perimeter wall is under surveillance of a camera, which is monitored by Jaguar. Every camera watches the next camera so an attack to the camera would be detected from the camera behind. Due to the exceptional sensitivity of Jaguar, cameras can be used at very long ranges : Jaguar was qualified for 135 meters detection of a crawling individual under 10 lux from a 30° FOV good quality video-surveillance colour camera (continuing detection up to 60 meters if lighting is attacked and decreases to 2 lux), and at 250 meters from a thermal 20° FOV camera. Such distances make it possible to fulfil perimeter as well as cross camera surveillance with 4-8 cameras monitored by only one Jaguar detector.

Tests : tests are done by the security officers who simulate intruders walking around the walls, the gates, and running/climbing on the walls at different speeds.

Remarks : Depending on the country, a administration agreement can be required for video cameras deployment, as well as recording of traffic in the public neighbourhood of the site. If classical colour or colour / Black and White commuting cameras are used, a minimum luminosity of several lux (typically : lighting installed every 25 meters around the site) will be required in order to ensure protection at night. Even with this lighting, if the site is exposed to fog (like in the mountains), it can happen that cameras are completely blinded, preventing any detection to be done. For higher discretion and best availability, use of thermal cameras allows to pierce the fog and the night for searching thermal information. Thermal cameras can detect at night as well as when daylight, and they are less affected by fog than classical cameras.

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.

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