



Security doors

Access uniqueness



In nuclear activities, EVITECH's Jaguar® video analytics solution ensures safe monitoring of uniqueness of access through double doors access.

Issue : When a safety critical building, such as a nuclear plant, is the place where hundreds of people access and work during a year, a strict control of entrances must be done, in accordance with access grants. Among all the possible types of access gates, there are these two-doors small access rooms which make it possible to enter alone or with a carriage. A solution is needed for automatic detection of people alone in order to automate doors opening process, while situations where somebody enters with a carriage need a control in order to ensure that there is only one person in the gate.

Solution : One, two, or three wide angle video surveillance camera(s) are installed in the security door room to monitor moving objects (persons, carriage) within. The minimum is one camera under the roof, watching all the ground, but for safety critical issues, one or two additional cameras in the corners of the room can be helpful. EVITECH's Jaguar ensures an automatic monitoring of the cameras, and if a visible mass of more than one person is detected in the room, an event is sent to the security officers. They can then watch the camera images, and use a remote speaker in order to give directives to the person inside the security room (enter one by one, remove carpet on the carriage, etc).

Tests : tests are done by the security officers who simulate various situations of people entering the room alone, or with a carriage, or by two persons (stuck together or separate). The appropriate limit is set so that no risk is taken for opening the door to one single individual, even if it can raise a false alarm event when a fat individual enters the room.

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 :