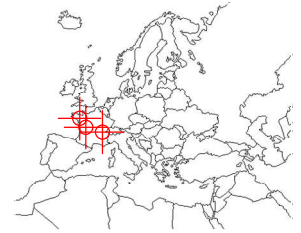


Fire detection

Safety & security



EVITECH's Jaguar® video analytics solution ensures fire start detection for various recycling activities in France.

Issue : Recycling activities concern cars, household waste, and industrial waste. They involve large processing plants where lying rubbish ferments and can raise a fire start, or where recycled cardboard can burn very quickly, or metal pieces collide and can trigger sparks and light a fire. Early detection of fire is critical for the plant continuation.

Solution : Thermographic surveillance cameras are deployed on turrets and can control the waste according to a set of different successive positions. These cameras make it possible to ensure surveillance and detection of hot spots, like engines at work in the plant, or fire starts. These spots, when processed with video content analysis detection rules, can reveal the fire starts. EVITECH's Jaguar monitors the cameras and ensures automatic detection of fire starts events. Jaguar uses different rules for separating the situations, according to the case where an engine is working, and detecting fire starts.

Deployed for 3 years on various waste recycling activities in France, with different kinds of thermographic cameras, Jaguar successfully detected several dangerous situations, with almost no false alarms, because of the reliability of the thermographic cameras used.

Tests : tests are done by the security officers who simulate fire on a wide empty area.

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 :