Industry

- **Site & stock security**

- **Prevention of technical failures**

- **Access control**

AQUILAE
artificial intelligence for video analytics

Site & stock security

Securing access to sensitive areas

Increasing reliability of detection

- ✓ **Detect intrusions**
- ✓ **Evaluate risky situations**
  - Variation in light conditions
  - Unpredictable movement of objects
  - Scene occlusion
- ✓ **Protect specific perimeters**

Benefits

- Reduced false alarm rate
- Immediate lift of doubt
- Self-learning algorithms

Prevention of technical failures

Detection of internal & external anomalies

Grouping of cameras by areas of interest

- ✓ **Assess the probability of technical failures**
- ✓ **Detect anomalies** (example of fire detection: hot spot, flame, smoke)
- ✓ **Detect** uncategorized **anomalies**
- ✓ **Prevent** breakdowns & accidents

Benefits

- Lower corrective maintenance costs
- Quicker intervention
- Self-learning algorithms

Access control

Automation of access controls (vehicle barriers, etc.)

Real-time or delayed monitoring

- ✓ **Check** & **recognize people** (morphology) & **vehicles** (license plate)
- ✓ **Recognize specific characters** (barcodes, symbols...)

Benefits

- Reliability of identification, even when attempting to change appearance
- Reduced operating costs (fewer control staff)