PROTECTRAIL Sicily Demo Site
Scenarios of the demo
Definition of asset to protect

Asset type to be protected
- Railway line

Who or what to protect
- Railway premises;
- Cables in ducts;
- Passengers.
Demo for PROTECTRAIL

Threats

➢ Presence of unauthorized people on railway line;
➢ Theft of copper cables;
➢ Terrorist attack.

Purpose

➢ Prevent or delay the intrusion;
➢ Early warning of the presence of unauthorized persons on the railway line.
Events

- Attempt to cut the fence;
- Attempt to climb up the fence;
- Unauthorized presence in the railway area;
- Cable theft from ducts.
SCENARIO 1

ATTEMPT TO CUT AND CLIMB THE FENCE

- The intruder arrives near the fence;
- The intruder tries to cut the fence activating the fence alarm system;
- The intruder tries to climb the fence;
- The intruder abandons the area.
SCENARIO 2

AUTHORIZED PRESENCE OF MAINTENANCE OPERATOR IN THE MONITORED AREA

- A possible intruder enters the protected area;
- The VCA (Video Content Analysis) Alarm is activated;
- The security operator, after clarification, acknowledges and closes the alarm.
SCENARIO 3

UNAUTHORIZED ACCESS WITH CABLE THEFT ATTEMPT

- The intruder is inside the protected area;
- The VCA (Video Content Analysis) Alarm is activated;
- The intruder gets near the cable ducts and tries to cut them;