

# PREVENTP PCP OPEN MARKET CONSULTATION

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# RAILWAY SECURITY PURPOSE

## SECURITY

- ⇒ Of people
- ⇒ Of the railway activity
- ⇒ Of the properties present on the railway undertaking's premises

## EVERYDAY ON THE SNCF NETWORK

- ⇒ 22 physical assault victims
- ⇒ Punctuality: 3119 minutes lost
- ⇒ 1.7 M€ security-related costs (2020)



# CCTV AT SNCF

**17 000** cameras in train stations

**45 000** cameras in trains

**5** CCTV Command and control center

**ONLY A FEW** video operators



# THE FUTURE WITH ARTIFICIAL INTELLIGENCE

## CURRENT FEATURES OF CCTV SYSTEMS ARE LIMITED



## ARTIFICIAL INTELLIGENCE WILL OPEN UP NEW AREAS

MONITOR SITUATIONS IN REAL TIME



DETECT AND ALERT ABOUT SPECIFIC SITUATIONS

INVESTIGATE BY PLAYING REPLAY



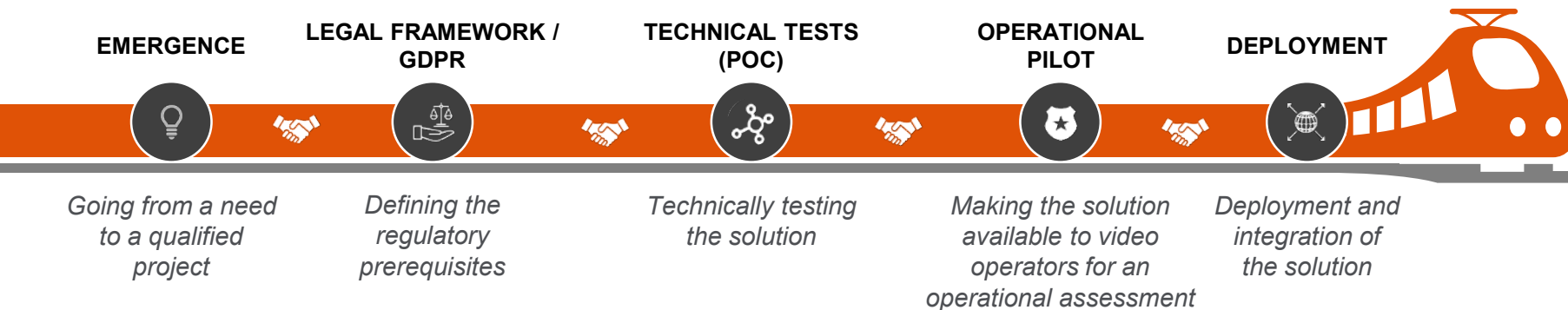
IMPROVE SITUATIONAL TRACKING AND INVESTIGATION

EXTRACT VIDEO FOR LEGAL PURPOSE



PRODUCTION OF VARIOUS STATISTICS

# SNCF INNOVATION APPROACH



## MAIN CHALLENGES FOR VIDEO ANALYTICS

**ETHICS**

**PERFORMANCE**

**LEGAL**

**ECONOMICS**

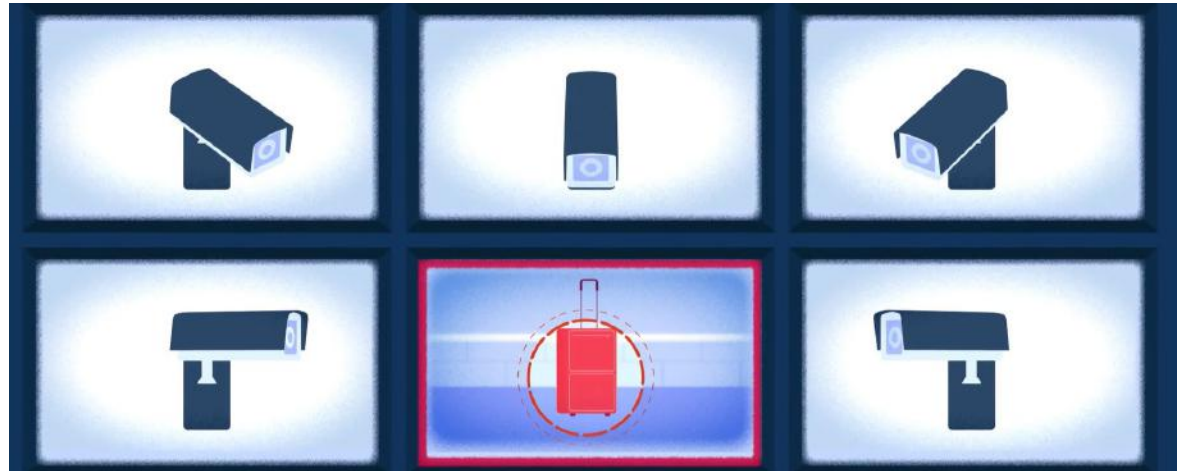
**RESPONSIBILITY**

**TRUSTWORTHY AI**

# PREVENT PCP

**PREVENT PCP PROJECT IS A REAL OPPORTUNITY TO DEVELOP AND TEST AI SOLUTIONS THAT CAN HELP SOLVING A MAJOR ISSUE :**

- **Automatic detection of unattended items and research of the owner(s)**
- **Operational efficiency and customers' satisfaction and safety**



THANK YOU