PROTECTRAIL

Exploitation of the results

UIC leaflet
PROTECTRAIL : AN INTEGRATION PROJECT

• Integration of technologies
  – interoperability framework described in the White paper
  Targeted to TECHNICAL EXPERTS

• Essential for end users: control rooms operators, security managers, and decision makers
  – Organisational and human aspects described in a leaflet of recommendations for UIC members
ORGANISATIONAL AND HUMAN FACTORS

• Integration of a new system is not only a matter of technology but also organisational and human factors.

• Take into account the organisational and human factors particularly in designing an integration project as PROTECTRAIL.

• Needs of end users are taken into account from the beginning of the project.

• New technology is adapted to the system and to the organisation in place in order to improve the resilience of the system.
4 Types of Recommendations

- Organisational
- Training
- Public education
- Ethical
ORGANISATIONAL

• Prevention
  – Prevention plan, scenarios, crisis preparation,

• CCTV system
  – Working conditions, vigilance, attention, training

• Security Operation Control Centre
  – System, collaboration, workspace, organisation, training

• Crisis Management System
  – A common approach to manage the crisis

• Public announcements
  – Which information, how to communicate
TRAINING

- Training for railway staff in emergency situation
  - Initial training, specialised emergency training, retraining

- Multidisciplinary and international trainings
  - MIRROR, Serious game, NATO CBRNe training

- Examples of training programme
  - Training for technicians, rails operators, authorities
PUBLIC EDUCATION

• Security culture
  – Citizens has to become a player in security response

• Passenger awareness
  – How to recognise, report, anticipate

• Cognitive aspects
  – In decision making
ETHICAL

• Importance of the right to privacy
  – Privacy of the person, of personnal behaviour, of personnal communication, of personal data

• Protection of worker’s personal data
  – Videosurveillance in the employement context
  – Surveillance of electronic communication
• **PETS** (privacy enhancing technologies)
  – Reduces the risk of contravening privacy principles and legislation
  – Minimises the amount of data held about individuals
  – Empowers individuals to retain control of information

• Privacy by design
  – Privacy and data protection should be integrated into the design of information and communication technologies