How to bring together the world of urban transport and that of cybersecurity

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Multi Modal transport systems vs Cybersecurity

- ITS sector evolution, revolution
  - Societal
  - Technical
    - Accessibility
    - New modes
    - MaaS
  - Regulation

- CyberSecurity
  - *From* „Niche domain“ for experts
  - *To* Mainstream domain
2 worlds of Standardisation

- **ITS**
  - CEN
    - Transmodel
    - SIRI
    - NeTEx
    - ...
  - Private efforts
    - Mobility Data Suite
      - GTFS
      - GTFS/RT
      - GBFS

- **Cybersecurity**
  - ISO Efforts
    - ISO 27000 serie
    - Common Criteria
  - European Effort
    - ENISA
      - EUCS
  - National Efforts
Multi modal Transport Systems (MTPS) specificities

- Multiples types of interfaces
Multi modal Transport Systems specificities : Basic Assets

- MPTS system specificities analysis on a Cybersecurity perspective
Multi modal Transport Systems specificities: Cybersecurity Analysis

“Market Survey”
- Labelling
- Public Transport Standards
- CyberSec Standards

MPTS Specificities
- Business / functions / Technical identification
- Vulnerabilities identification
- MTPS Specific requirements elicitation

Recommendations for labelling
- Considering Existing labelling process
- Specific MPTS requirements

Proposal for MPTS CyberSec Standard
- Addendum to existing Standards
- Based upon Specific MPTS requirements
Thank you!

Smart and Sustainable Mobility for all.

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