CISO's Challenges & Priorities: Transport

**Top cyber threats in the transport sector**
- Data Leakage
- DoS/DDoS Attacks
- Insider threat
- IOT Vulnerabilities/Legacy systems
- Weaknesses in mobile device security
- Advanced Persistent Threat (APT)
- Ransomware, Malware
- Phishing/Email attacks

**Top cyber challenges in the transport sector**
- **Lack of time** to implement controls, systems, and a comprehensive cyber-strategy
- **Lack of awareness** from both management and staff
- **Lack of budget** due to restrictions
- Lack of qualified and/or trained **personnel**
- Complexity and **legacy of the systems**

**Focal point 1**
**Certification**
- Companies are certified and CISOs are involved in the process.
- Importance to maintain a balance between certification and agility of processes and operations.
- Frequent use of cyber range exercises

**Focal point 2**
**Code of Conduct for CISOs**
- Code of Conduct is welcomed and will provide a minimum acceptable level of cybersecurity posture in companies especially the OES.
- Importance to educate senior management about IT security issues by integrating Corporate Risk Management with Cyber Risk Management.

**Focal point 3**
**Board of Directors**
- Need to establish a direct channel of communication to the Boards, e.g., specific reporting committee.
- CISOs to better communicate to Boards in terms of business and economic impact.
- Importance to align with HR for spreading cyber threat awareness across the company

**Focal point 4**
**Information sharing**
- Collaboration between EU-wide and nation-wide authorities and OES aiming for homogenisation of standards and controls and the creation of a trusted environment for information sharing between countries and sectors.
- Define a common framework with the same compulsory controls in every EU country and learn from more mature sectors

**Focal point 5**
**Procurement**
- System integration & maintenance, offered functionality & performance, cost & certification of the product/reliability, are the main criteria for procurement.
- Using EU certified cybersecurity solutions is considered as highly important.

This document is the result of an **EU-wide survey** of +**100 contributions** of CISOs or equivalent, from a wide range of sectors.

It proposes both a deep dive sector by sector analysis and a set of cross-sector recommendations.

**READ THE REPORT**

Further reading from ECSO
ECSO Sector Report
Transportation sector report: Cybersecurity for road, rail, air and sea