

Personal Pearls and Perils









Digitalization in our sector

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EUROPEAN RAIL TRAFFIC MANAGEMENT SYSTEM

REALTINE PROFILE

ON BOARDATION

Threat landschape for Rail





We visited again The Kingdom of Crooked Mirrors, Sweden, because our volunteer from the DDoSia project whispered to us that Sweden a will give Rb 99 (AMRAAM) air-to-air missiles to Ukraine

We do not like this news, however, as well as the Swedish infrastructure, from the income for the use of which such "gifts" are paid.

Swedish sites were disabled:

Port of Helsingborg https://check-host.net/check-report/112efb70k497

XOskarshamn Ferry Port (https://t.me/sskarnaukhov/50597) https://check-host.net/check-report/112f04eckb4a

XNorrtåg is the Swedish railway carrier https://checkhost.net/check-report/112f82cak511

Blekinge Coastal Railway https://check-host.net/checkreport/112f811akc3e

☆ > TECH > CYBERSECURITY

AKIRA

COMPUTER HACKING OF AN SNCF SERVICE PROVIDER, STOLEN PERSONAL DATA



Several hundred companies, including SNCF, and government agencies were victims of this major cyberattack.

The personal data of railway workers, stolen when a service provider of the SNCF was the victim of a computer attack, were broadcast on the dark web, said the public railway group Wednesday, calling on its





Legislation

NIS (2)

•Essential entities: Railway Undertakings, Infrastructure Managers, Digital infrastructure, ICT Service Management

•Important entities: Manufacturers of railway locomotives and rolling stock, mechanical and electromechanical signalling, safety and traffic control equipment, computers, electronics, machinery equipment

Cyber Resilience Act: Digital products

- Essential requirements for life cycle and for vulnerability handling
- Critical products (Class I and Class II): stricter conformity assessment
- Conformity: self assessment / certification

CSA: Cyber Security Act: Certification Schemes

- EU-CC: Common Criteria
- Cloud Services



Overview of Sectoral Ecosystem



Railway Undertakings

Infrastructure Managers

Manufacturers of rolling stock

Manufacturers of railway equipment

ICT service providers

Manufacturers of ICS/ OT equipment

Manufacturers of ICT equipment

Source: Enisa report on railway cybersecurity



Initiatives for Cooperation



Pearls of Sectoral Cooperation



Perils of Sectoral Cooperation





Turning Perils into Pearls

ER-ISAC

Maturity assessment

- 13 domains
- 1.5 on a scale of 1 to 5

Stakeholder interviews

Meet project

- Focus on improving 6 of the 13 domains
- Cooperation with other ISACs

Reboot information flow



Succes factors from a study on cooperation

Trust

Open and transparant communication

Leadership

Shared goals

Evaluation

Expertise

Knowledge transfer



Turning Perils into Pearls

CISO Forum (Est. 2023)

- Strategic direction •
- Common voice •
- Commitment and empowerment
- Network of CISOs •



Lessons Learned



Cooperation needs trust and builds trust

International cooperation differs from national



Involvement and commitment of senior executives

Ra

Building communities takes time and perserverance

Time for Discussion

What is your experience:

- Is cooperation needed?
- What are the pearls you have discovered?
- Which perils did you have to circumvent?
- How can we learn from each other?

