

# Regional Threat Landscape in Critical Infrastructure

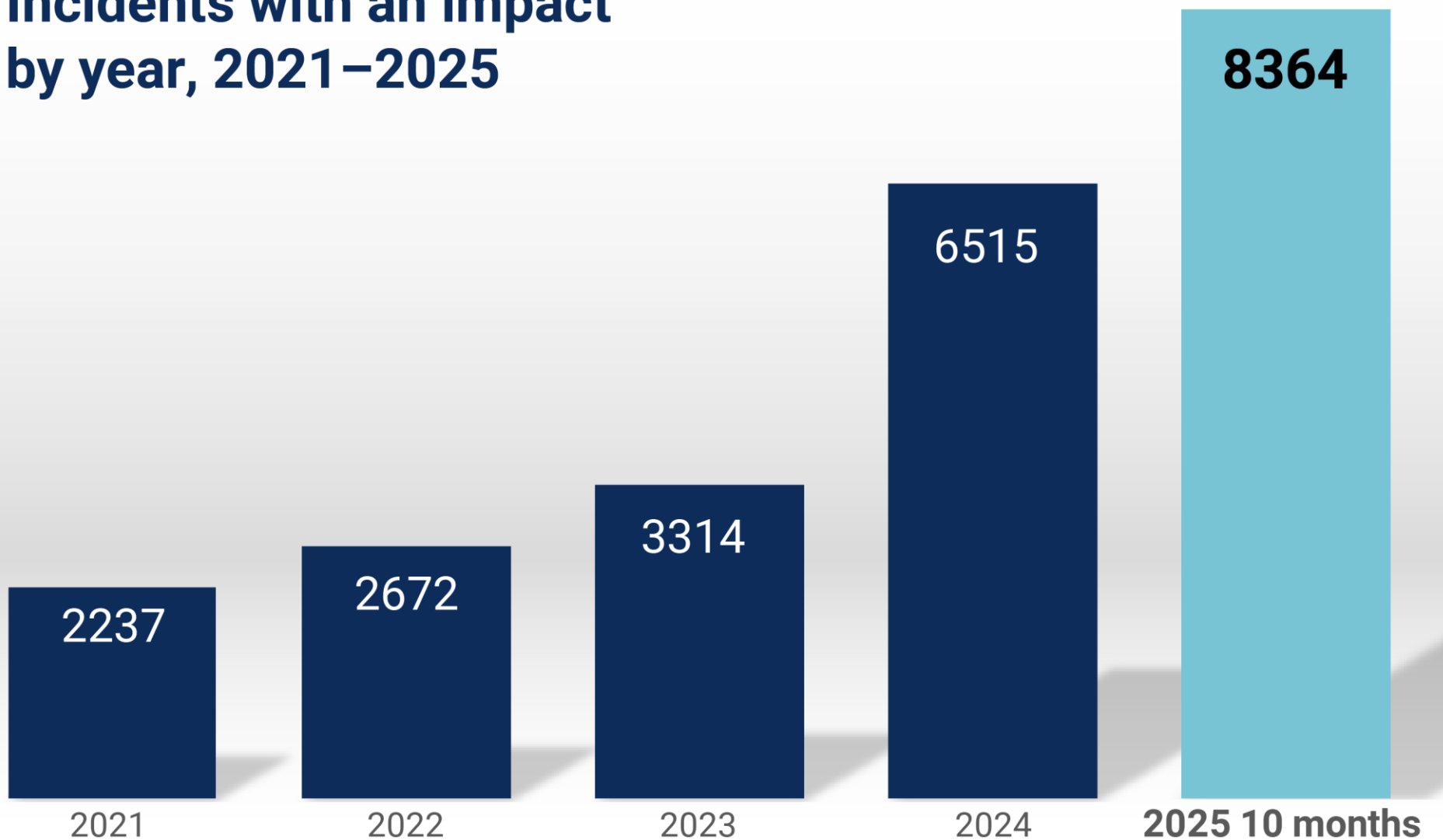
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## Incidents with an impact by year, 2021–2025





# Cyber defence of critical infrastructure

- Sectoral exchange of information and dissemination of information on threats
- Cyber defence courses, trainings, information days for the providers of vital and essential services
- Security testing of critical infrastructure; consultations





# Incidents related to the Estonian railway sector

- Estonian Railways and Elron websites were popular targets of DDoS attacks
- Attacks on service providers
- Ridango ticket system
- Physical accidents damaging the system

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## Elron ticket service back online after DDoS attacks from Russia supporters

NEWS

ERR, ERR News  
21.09.2023 20:26



An Elron train in Narva. Source: Jenny Va / ERR

A wave of Distributed Denial-of-Service (DDoS) attacks thought to have been the work of pro-Russia hackers and which brought the ticketing service of rail provider Elron have been foiled, and normal service has resumed.





# Incidents in the transport sector

- DDoS:
  - Tallinn Airport
  - Tallinn Port
  - Estonian Railways
  - Elron
  - Pilet.ee
- Service Provider Attacks
  - Ridango
  - Collins Aerospace
- Configuration Errors, Equipment Failures, Accidents





## Main conclusions

- Preferred target for cybercriminals
- Ransomware, data breaches, and service disruptions
- DDoS on ticketing systems, phishing, and service-availability threats
- Most attacks target institutional websites and office IT systems
- Overall cyber-risk level: moderate







## How we build resilience

- National SOC monitoring 24/7
- CERT-EE helps with incident response where they can
- Awareness raising, prevention
  - Secure passwords, MFA, using antivirus, updating software etc
- International cooperation
  - Cyber Europe
- Trainings for essential service providers



# Thank you!

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