



TRAFICOM

Finnish Transport and Communications Agency
National Cyber Security Centre

Cyber weather

November 2019

#cyberweather gives you an update on the key information security incidents and phenomena of the month. We want to give our readers an overview of what has happened in the field of cyber security during the past month. The situation can be:



calm



worrying



serious

Cyber weather, November 2019

Network performance

- ▶ A major outage in Telia's mobile telephone network on 22 November prevented some emergency calls.
- ▶ In terms of DoS attacks, November was quiet.



Spying

- ▶ According to the Finnish Security and Intelligence Service (SUPO), foreign intelligence services are increasingly interested in Finnish critical infrastructure and strategic investments.



Malware and vulnerabilities

- ▶ Despite fault tolerance, data has been lost because of programming errors in SSD firmware.



Data breaches and leaks

- ▶ Multi-factor authentication would prevent the majority of Office 365 data breaches.
- ▶ A large data leak exposing approximately 1.2 billion records was discovered in November.



Scams and phishing

- ▶ Black Friday scams were mainly unsuccessful.
- ▶ Christmas is getting close: a scammer used the fake address "Real Santa".



IoT and automation

- ▶ Finland is the first European country to begin verifying the security of smart devices. The Cybersecurity label helps consumers buy safer products.

