



**TRAFICOM**

Finnish Transport and Communications Agency  
National Cyber Security Centre

# Cyber weather

September 2019

21.10.2019

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**#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:

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calm



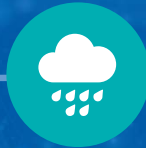
worrying



serious

# Cyber weather, September 2019

## Network performance



- ▶ Number of significant performance incidents more than doubled
- ▶ Erica and Apotti systems suffered from disruptions in communications networks
- ▶ Some application-level DoS attacks are difficult to mitigate

## Spying



- ▶ Industrial espionage group targets companies' suppliers in the aviation sector to access the companies' data
- ▶ State-sponsored hackers go after vulnerable remote access solutions

## Malware and vulnerabilities



- ▶ Simple tool published for exploiting vulnerable Microsoft Remote Desktop apps
- ▶ Malware that steal information and allow remote access distributed by email

## Data breaches and leaks



- ▶ Compromised websites used to maintain phishing sites
- ▶ Gaining control of a personal Facebook account led to impersonating a business on Facebook

## Scams and phishing



- ▶ Two major SMS subscriptions traps
- ▶ International FBI operation resulted in arrests of online scammers

## IoT and automation



- ▶ 5G Cyber Security Hackathon in Oulu from 29 November to 1 December
- ▶ Satori botnet operator pleaded guilty
- ▶ IoT network event on IoT-enabled smart living and cybersecurity label at Traficom on 12 November