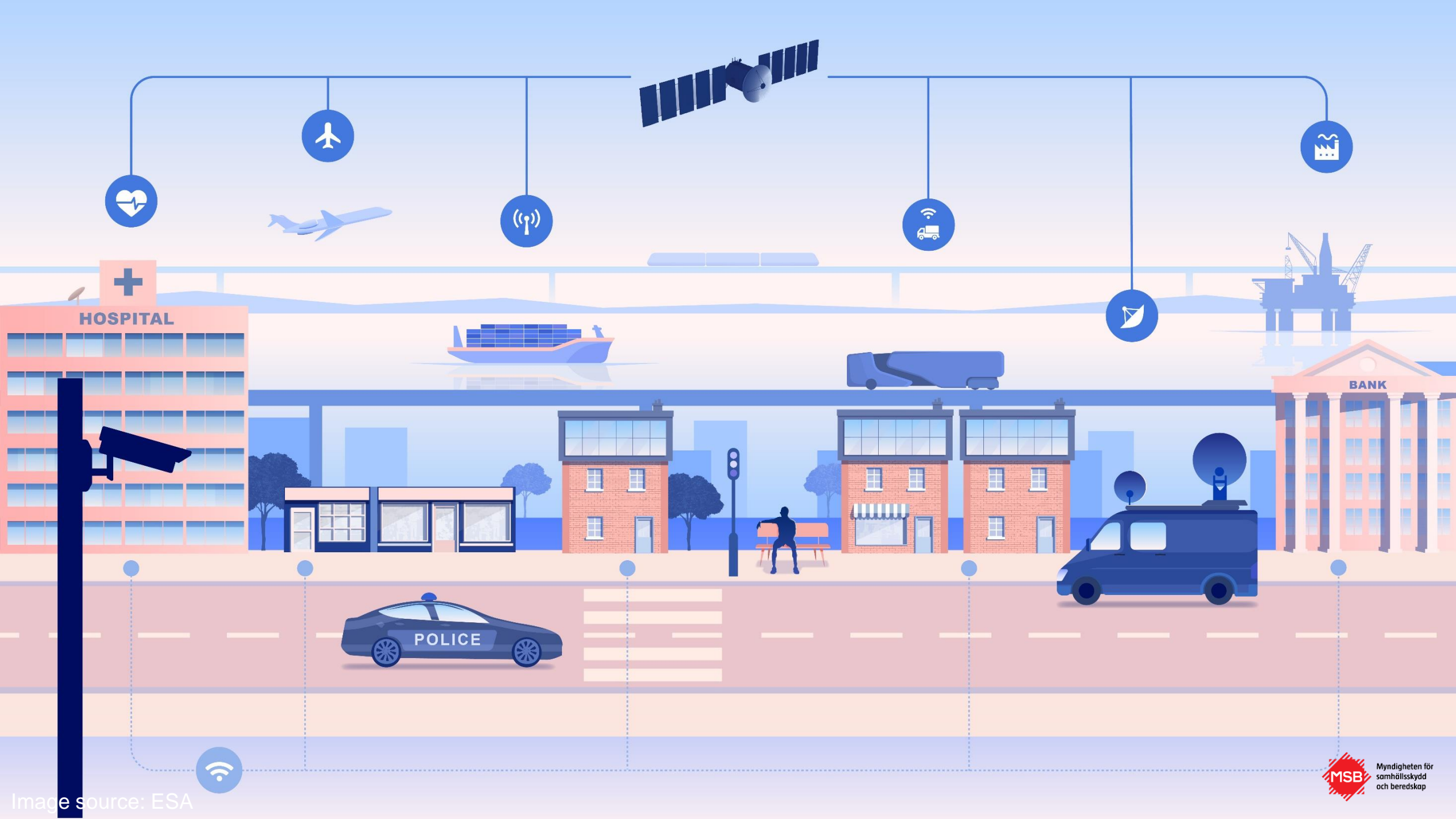


# MSB as the national Competent PRS Authority, CPA

Kristoffer Hultgren



Gps trackers & Spår  
 Störningsutrustning  
 Störningsutrustning till svenska myndigheter och militär.  
 OBS!!!  
 Produkter i denna kategori varken lagervarus eller säljes av oss. De är enbart här för att agera som en katalog för svenska myndigheter.  
 8 artiklar Sort By Datum Visa 18 per sida

# Russia says its radio-electronic shield now covers the Arctic

innovation **military**

## Norway presents evidence GPS attack on NATO exercise came from Russia

Norway has stunned the international community by presenting "proof" Russia was behind the GPS attack during war games.

**Gps blockerare**  
 GPS störsändare som stör ut GPS spårare och tr...  
 GStör störare ALLA

## Finnish PM: Russia Suspected Of Massive GPS Blackout In Finland During War Games

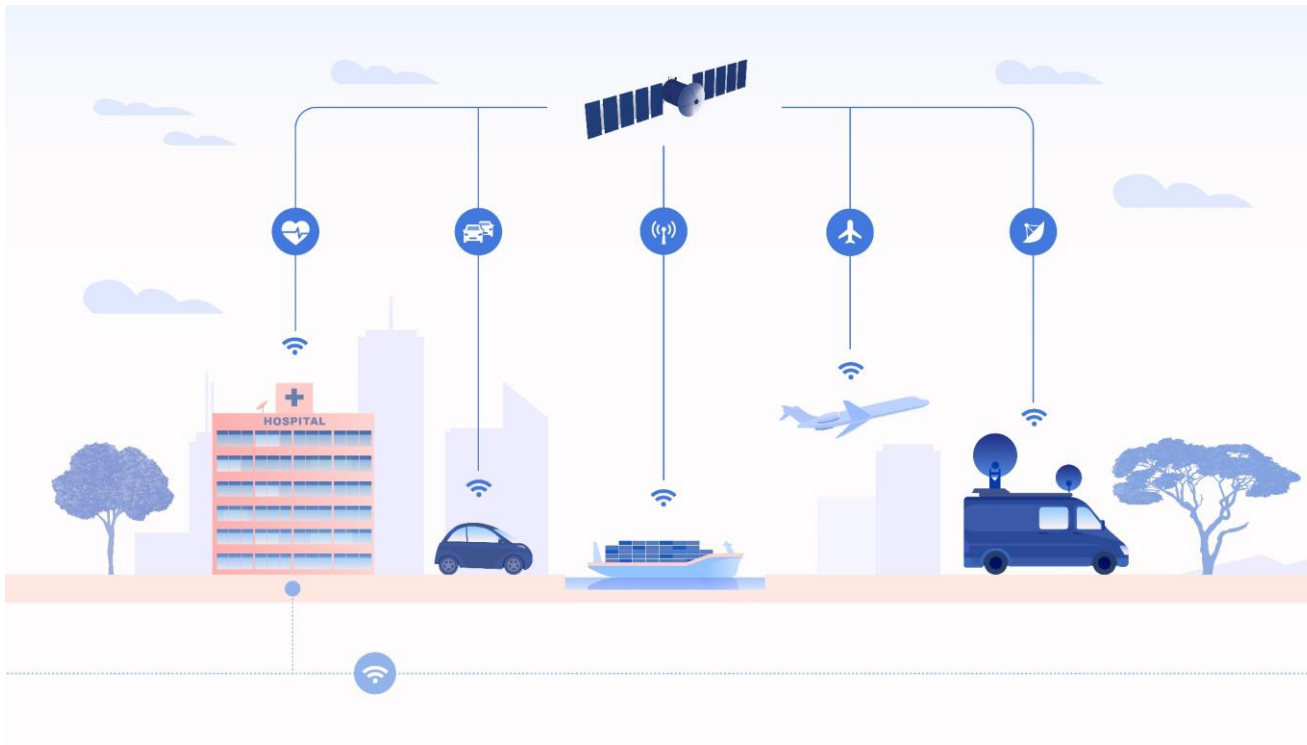
national public broadcasting company, that large-scale GPS jamming was intentional and the culprit could be Russia.  
 few weeks ago, a massive GPS interruption in the northern part of Finland was reported during a NATO exercise.

## Pilots again warned of GPS jamming in Norway's border region to Russia

The warning is in effect until Jan. 31  
 by Thomas Hühner, The Independent Swedish Observer - January 10, 2019  
 Share on Facebook Tweet or Retweet



# The connected society



## Civil sectors with GNSS dependencies

- Transports
- Energy
- Finance
- Industry
- Healthcare
- Information and communication
- Safety and security
- Food
- Crisis management

# Public Regulated Service, PRS

- Encrypted service
- More resistant to jamming and other intelligent attacks
- Intended for accredited users, e.g. first responders and critical infrastructure
- Developed for increased resilience during crises and other incidents



# Decision No 1104/2011/EU

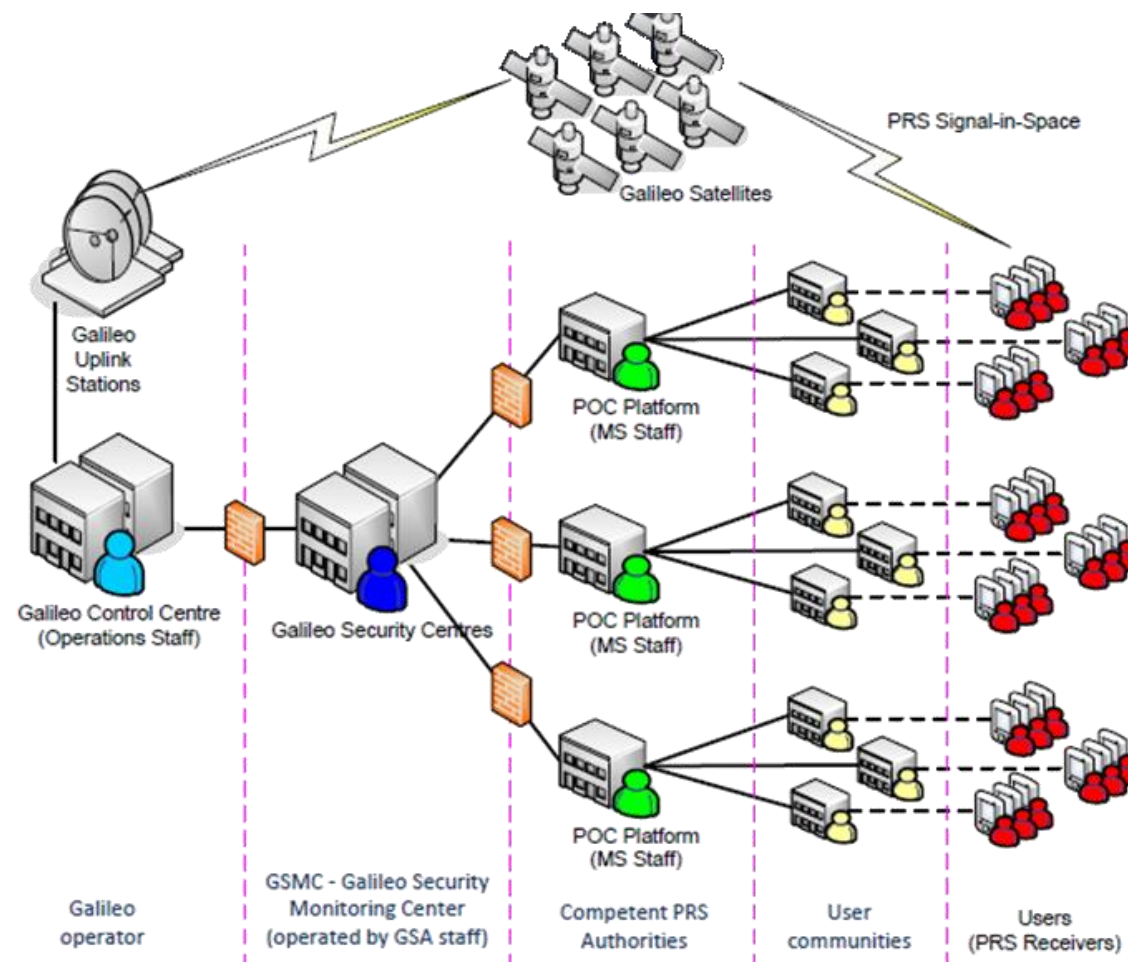
- All nations that intend to use PRS **shall** have a Competent PRS Authority (CPA) that designs and controls the national use
- Nations shall according to "1104" fulfil certain minimum standards, e.g.:
  - Developing national infrastructure
    - Receiver integration, key distribution, document distribution, etc
  - User group organisation
  - Definition and management of access rights for PRS users
  - Security management
  - Reporting of detected potentially harmful electromagnetic interference affecting the PRS
  - ...

# Work done so far

- Collecting user needs
- Acquiring the task
  - Organisational/budgetary aspects
  - Coordinating nominations for relevant EU committees and working groups
  - Recruiting/procuring manpower
- Initiating technical studies
  - Early studies of receiver concepts
  - Detection of jamming/spoofing

# Upcoming tasks

- Setting up equipment
- Formation of user communities
- Developing PRS receivers
- Developing a method for detecting jamming/spoofing
- Developing a national policy for critical applications





# Contact

**Kristoffer Hultgren**

Head of SE CPA

Swedish Civil Contingencies Agency  
651 81 Karlstad

E-mail: [kristoffer.hultgren@msb.se](mailto:kristoffer.hultgren@msb.se)

[www.msb.se](http://www.msb.se)