

BAPCO²⁰²⁰

The Annual Event for Public Safety Technology

10 - 11 MARCH 2020

RICOH ARENA, COVENTRY

BAPCO-SHOW.CO.UK



Finnish story An ecosystem based on trust and co-operation





Facts of Finland and VIRVE

Asukastiheys neliökilometreittäin Suomessa 1.1.2008

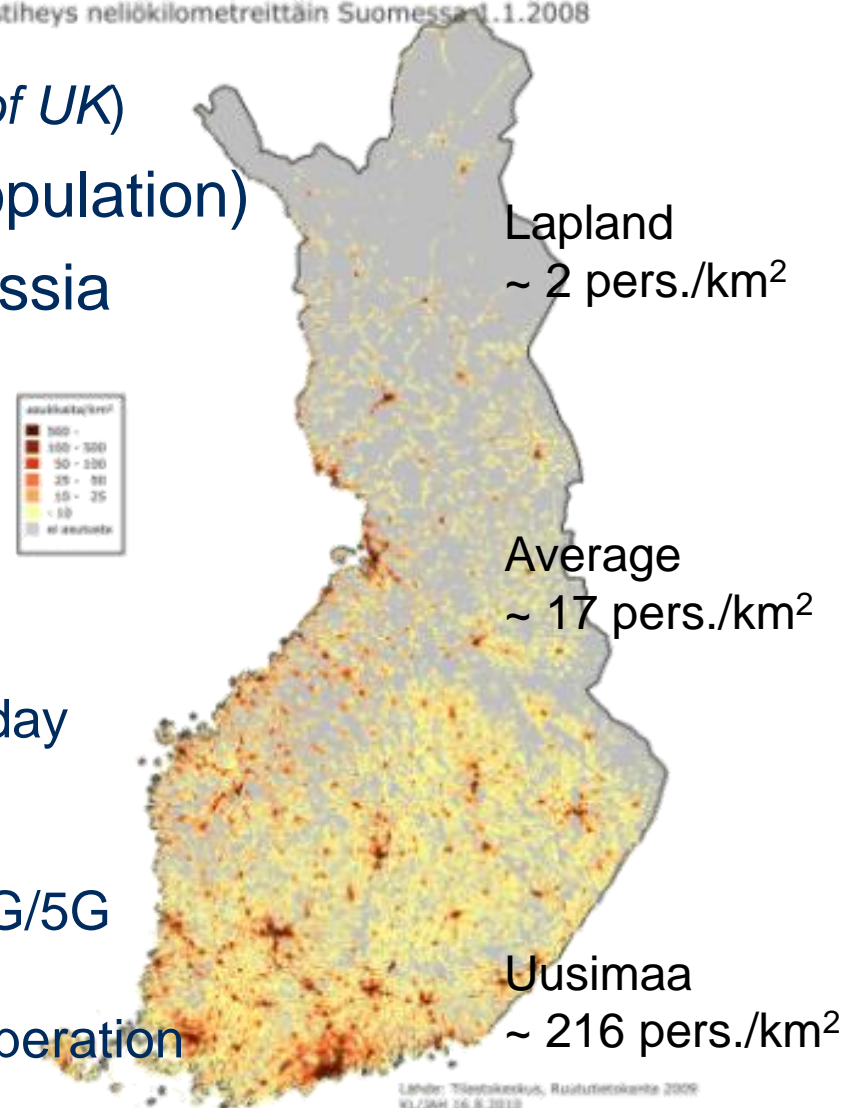
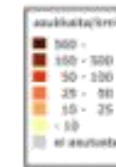
- Geographical area: 338.000 km² (~ 1,4 times the size of UK)
- Population: 5,5 million (less than 10% of the UK population)
- Member of EU; 1.340 km Schengen border with Russia

- VIRVE (TETRA) network:

- 100 % owned by State of Finland
- 1.400 Base Stations and 17 Switches
- 45.000 subscribers
- 150.000 group calls and over 7,5 million SDS messages/day

- VIRVE 2 (Broadband service:

- Procurement on-going for own core and MNO provided 4G/5G Radio Access Service
- Non-mission critical multi-access Broadband solution in operation





Case

National Critical Communication
eco-system in operation

snowmobile search and rescue











HÄTÄKESKUS
NÖDDE

Our Snowmobile rental customers have not returned and we cannot reach them

Emergency Response Centre

Where did they plan to go?

North of Äkäslompolo – Äkäslake, return via routes along road 80

Are they well equipped?

Yes – serviced snow mobiles, overall, helmets, but not much riding experience – we believe something has happened. We are really worried

Can you provide how they look like, how many, contact details?

They are five on three snow mobiles, blue overalls, ...

OK – thank you. We will send a unit to check the route and inform you later.



HÄTÄKESKUSLAITOS
EMERGENCY RESPONSE
CENTRE ADMINISTRATION



ERILLISVERKOT









Snow Train Safaris

LAPLAND

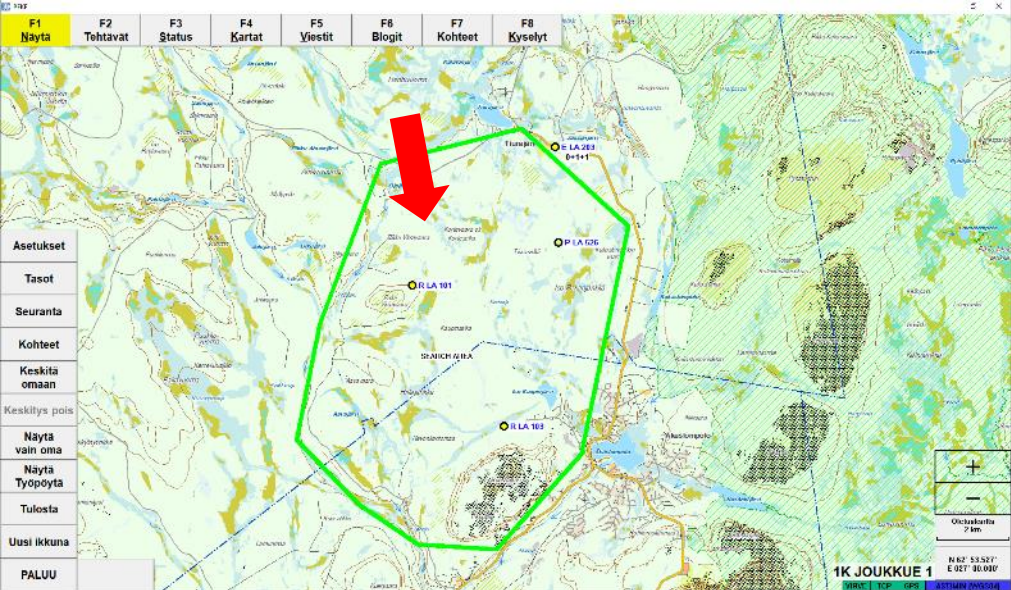


















NOKIA

Bittium





Photo: Maria Kuula/Erillisverkot



Critical Communications Finland ecosystem



Photo credit

- Pixabay – slides 4, 5, 6, 8 (foreground), 9, 15
- Markus Kiili – slide 7
- Emergency Response Center Administration – slide 8 background
- Olavi Airaksinen – slides 12, 13, 22, 23, 27
- Tapio Mäkinen – slides 16, 17, 19, 20, 21
- Marja Kuula/ Erillisverkot – slides 25, 26

Note: Photos may have been reframed to fit 16:9 screen

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