



SWEDISH EMERGENCY
MANAGEMENT AGENCY



RAKEL

A new common radio communication system
for safety and protection authorities

Stefan Kvarnerås, CEO Raket



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Stefan Kvarnerås

- Police officer since 1988, from 1994 mainly working with technical issues at local and regional police level
- The Swedish Agency for Administrative Development - 2000
- Swedish National Police Board 2000- 2002
- RAKEL Committee 2002 – 2004
 - Responsible for the production of demand specifications
 - Responsible for the evaluation of technical tenders for the Swedish Defense Material Administration, FMV.
- Swedish Emergency Management Administration, KBM 2004 –
 - Previous head of Roll-Out and Operation within the RAKEL
 - KBM's head of negotiations in relation to the Saab Consortium
 - Acting CEO Raket



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Swedish Emergency Management Agency (SEMA)

Reduce vulnerability and increase emergency management capability in Sweden

Rakel

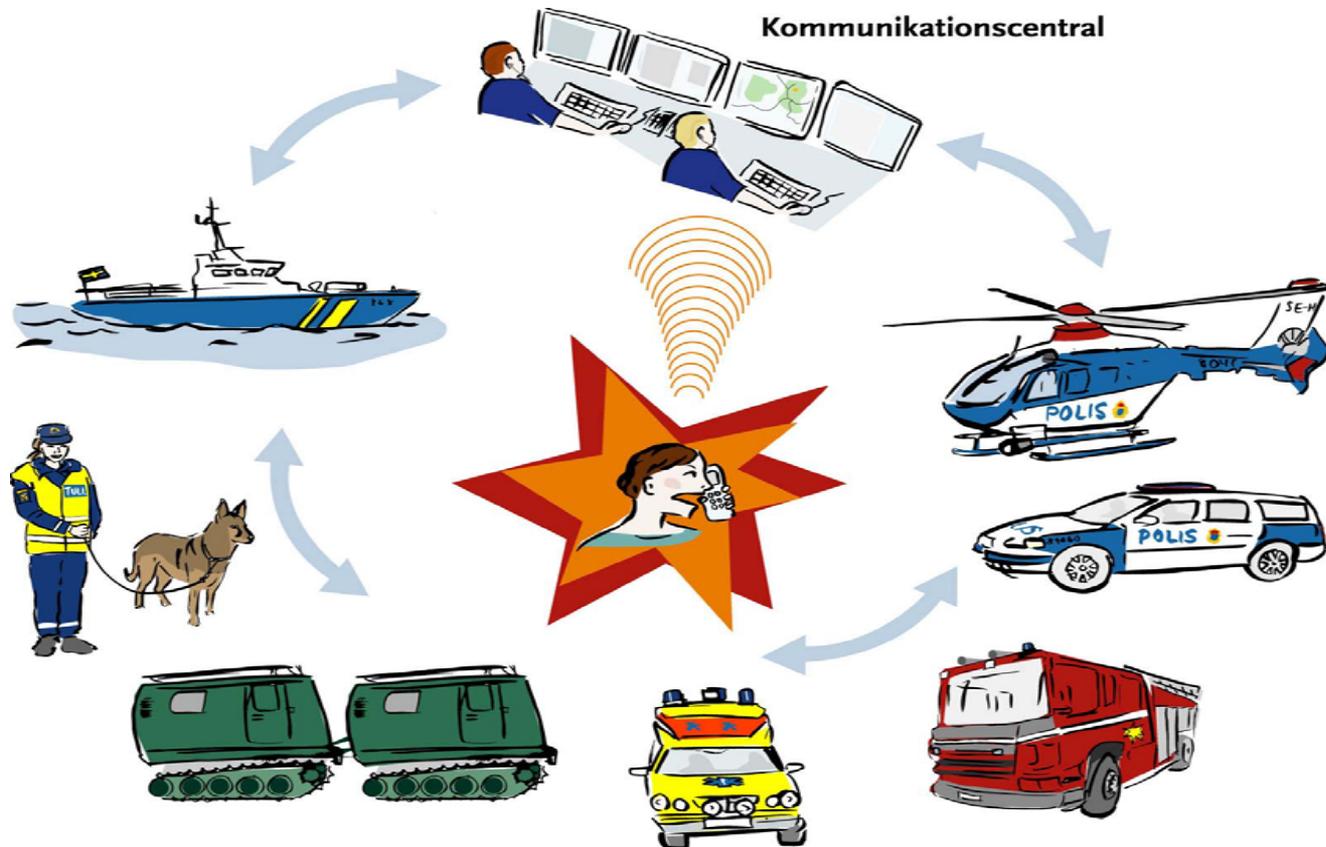
Make the society and citizens safer



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RAKEL Users





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Public Safety Authorities:

- Police
- Coastguard
- Customs
- Local Rescue Services
- Emergency Healthcare and Ambulance Services
- Armed Forces
- Local and Regional Crisis Management

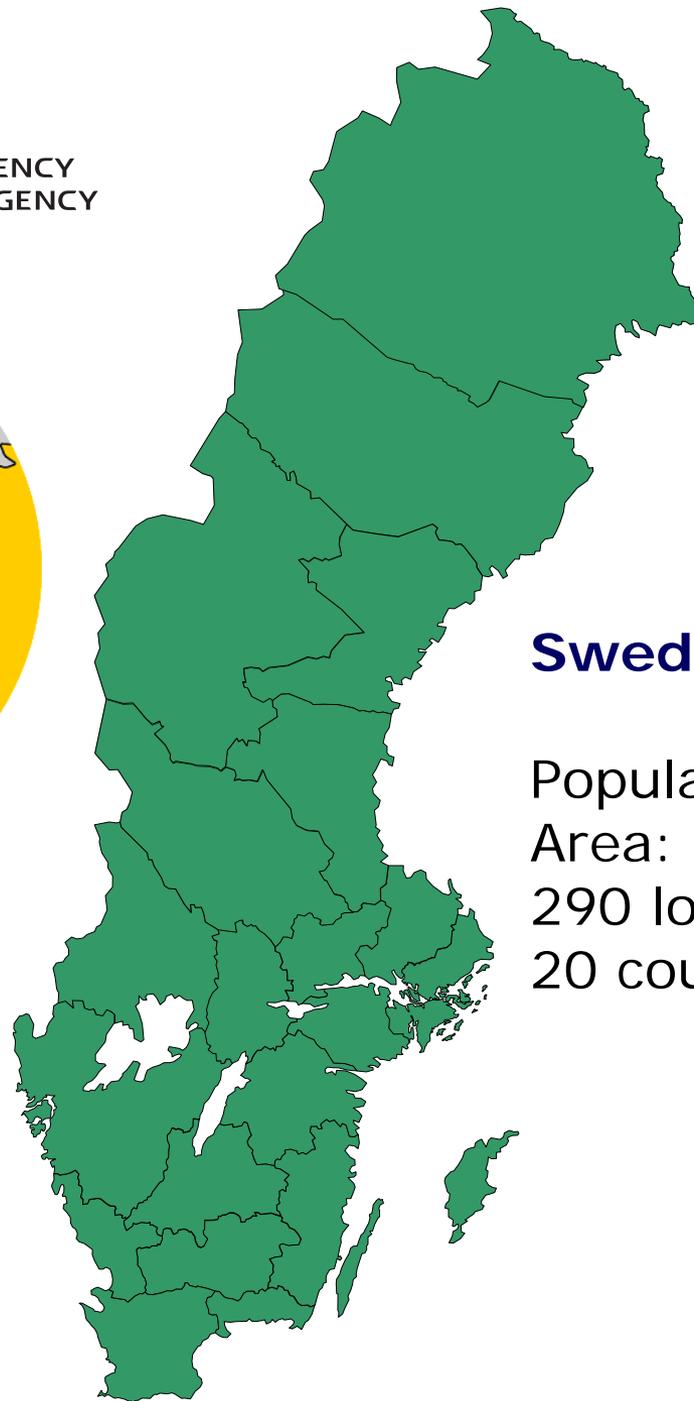
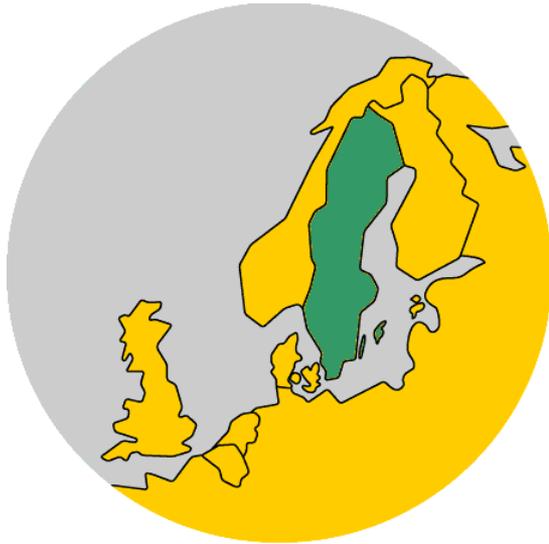
And others:

- National Rescue Services (Maritime Administration, Civil Aviation Authority)
- Electricity Distribution Companies



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Sweden

Population: 9 million

Area: 450.000 square km

290 local authorities

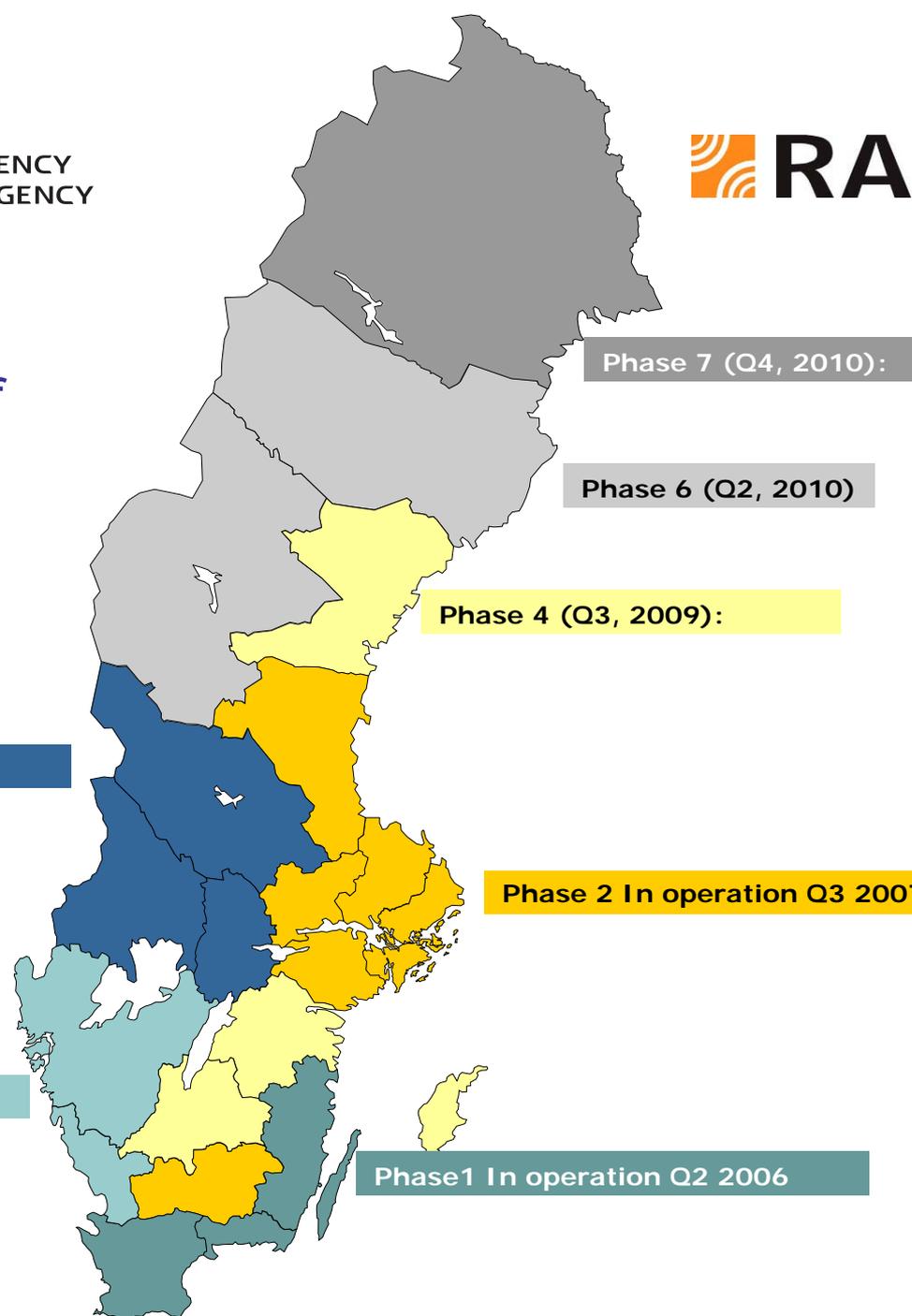
20 county councils



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Roll-out plan and commencement of operation





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Why Raket?

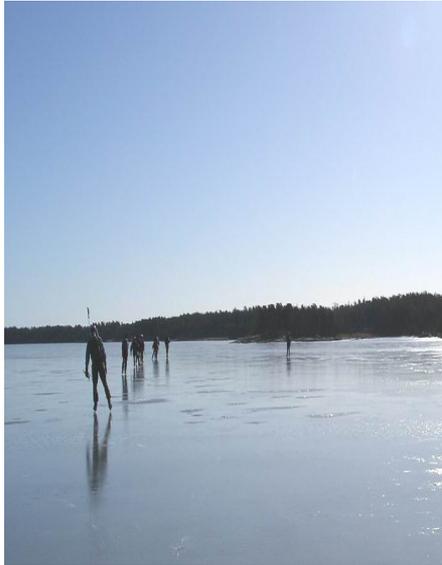
The skate accident in 2006, an example of when efficient communication plays a decisive role.





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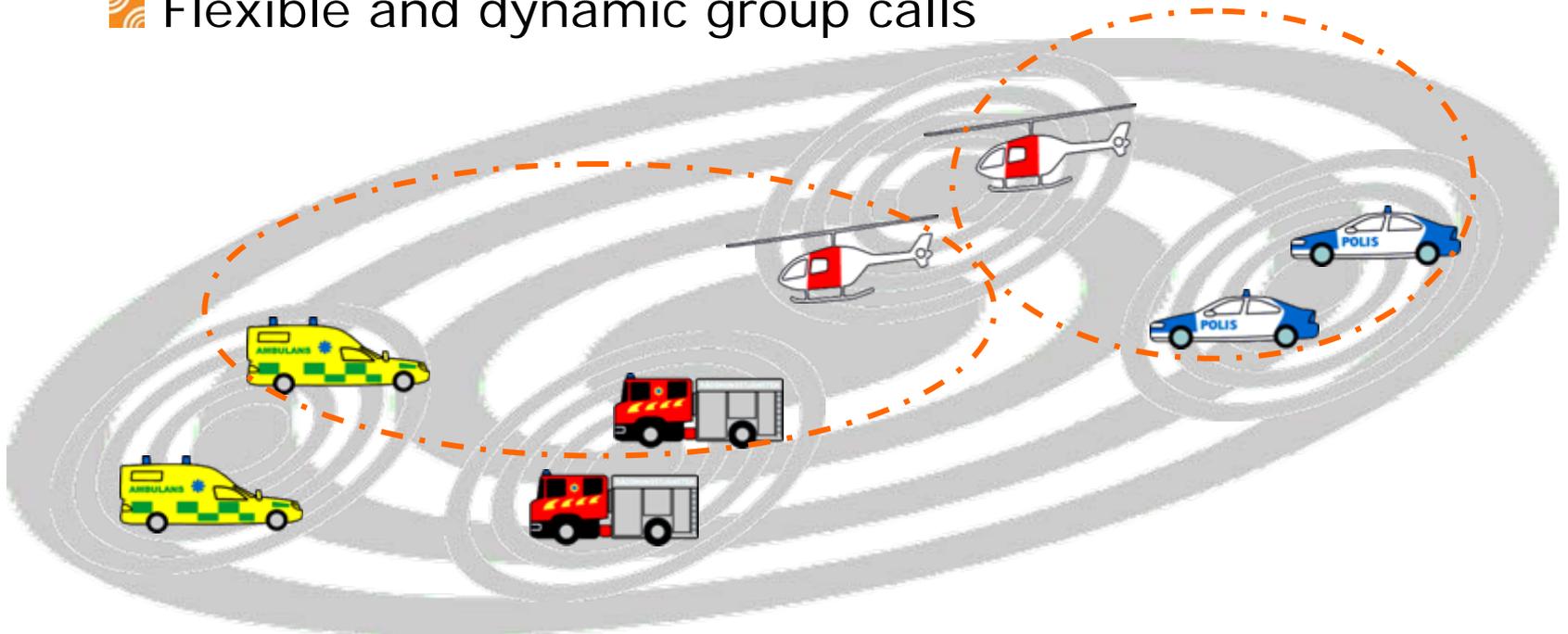
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Report from The Swedish Accident Investigation Board

✓ **Communication failed due to different systems and frequencies**
If Raket was in use...

 High capacity for many users at the same time

 Flexible and dynamic group calls





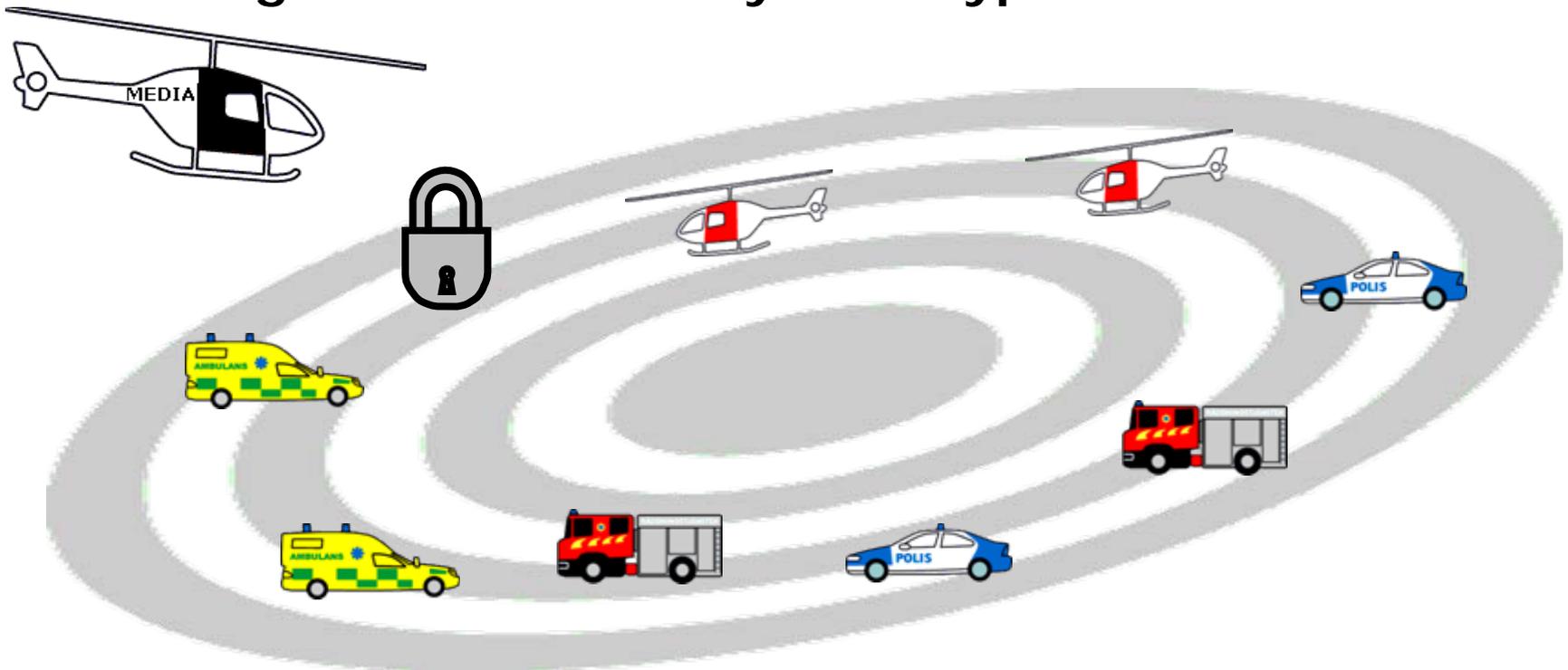
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If Raket was interference from media

 **High level of security – encryption**





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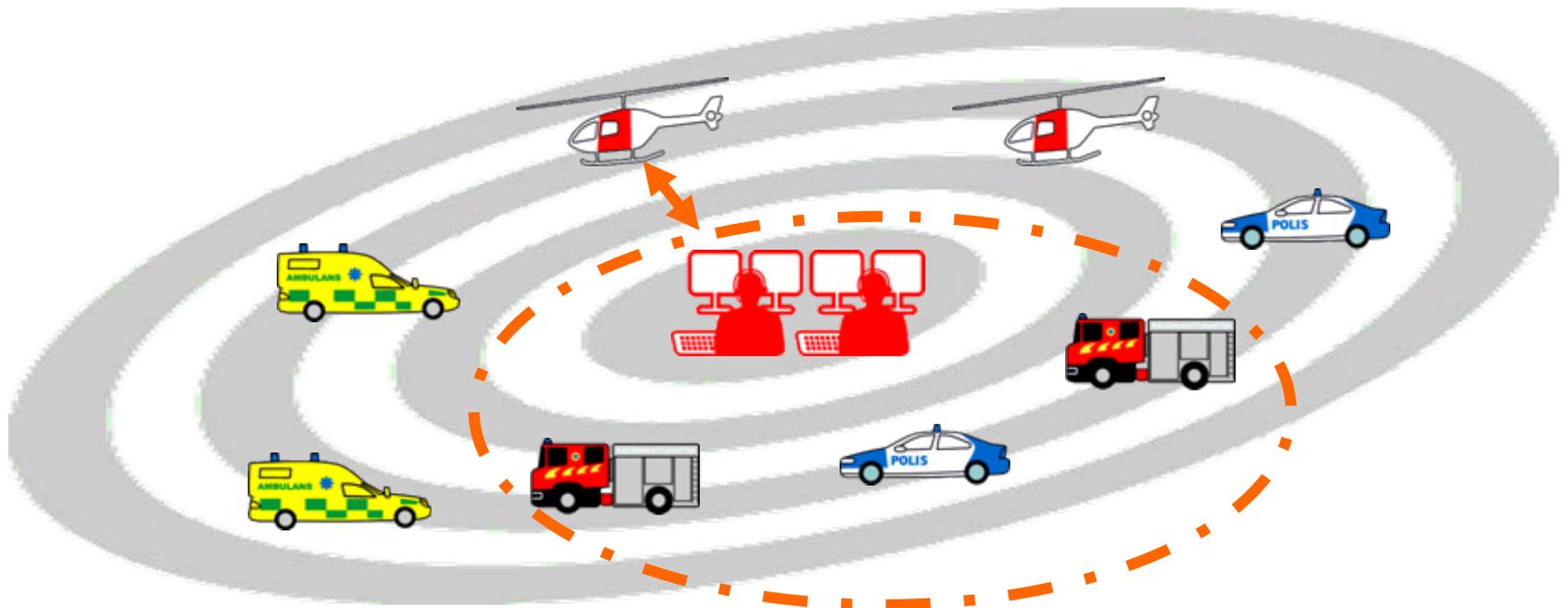
 **RAKEL**

Report from The Swedish Accident Investigation Board

✓ If RAKEL was in use, Coordination Center unable to contact certain units

 Traffic managed by communication central

 Ability to make individual and group calls





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Other benefits using Raket and Tetra

- Robust
- High availability
- Quick access
- Priority for emergency calls
- Direct mode
- Trunk mode
- Easy to use

TETRA in Europe

