

# Disaster response and tactical 5G

with Ericsson

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# Ericsson's 5G leadership

206

Ericsson Live 5G Networks

55

Ericsson Live 5G Standalone Networks

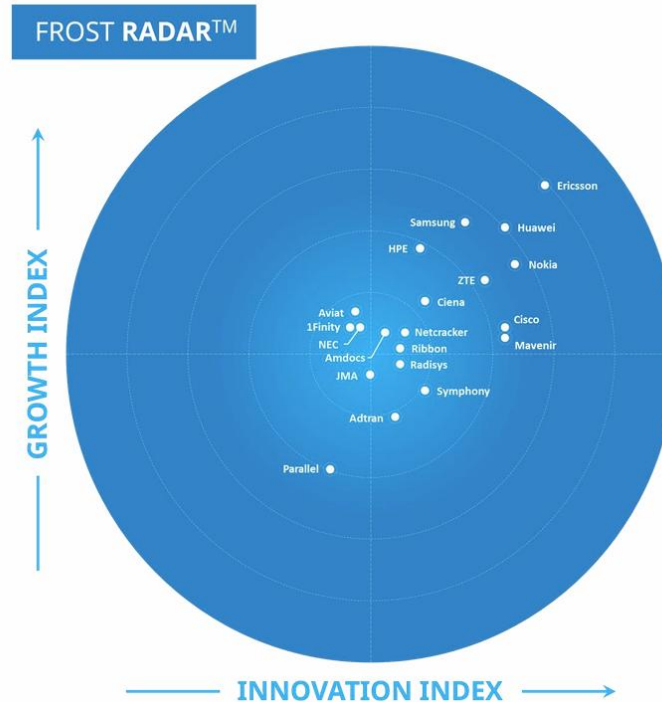
50% traffic

Around 50 percent of the world's 5G traffic, outside China, is carried over Ericsson's networks

Performance leader

74% win ratio in markets where present

## Frost Radar™: 5G Network Infrastructure



Ericsson named a leader in a **Gartner® Magic Quadrant™** for 5G for the fourth year running in 2025

Ericsson has been ranked as the top vendor in the **Omdia Market Landscape RAN Vendors (2025)**

# 5G moves the needle

## SCALE

Ubiquitous access

## SPEED

Ready for today and tomorrow's ecosystem

## PERFORMANCE

up to 20 Gbps bandwidth and 1ms latency

## COST

Global economies of scale

## SECURE

Multi-layered encryption and hardening

## MASS

up to 2.5 million devices per square mile

## OPEN

Global standards, enabling seamless interoperability

## FLEXIBILITY

Fixed/deployable, slicing, local break out, APIs etc.

*Mission Critical hardening*

*Verified with leading partner ecosystem and with end user deployments*

# MCX integration experience

## Integrated towards Ericsson's Dual Mode Core



## Future candidates



Pre-integration of all leading 3PP MCX vendors into Ericsson Core networks.  
Key objective is to de-risk projects and system implementations.

# TCCA Partnerships and collaboration forums



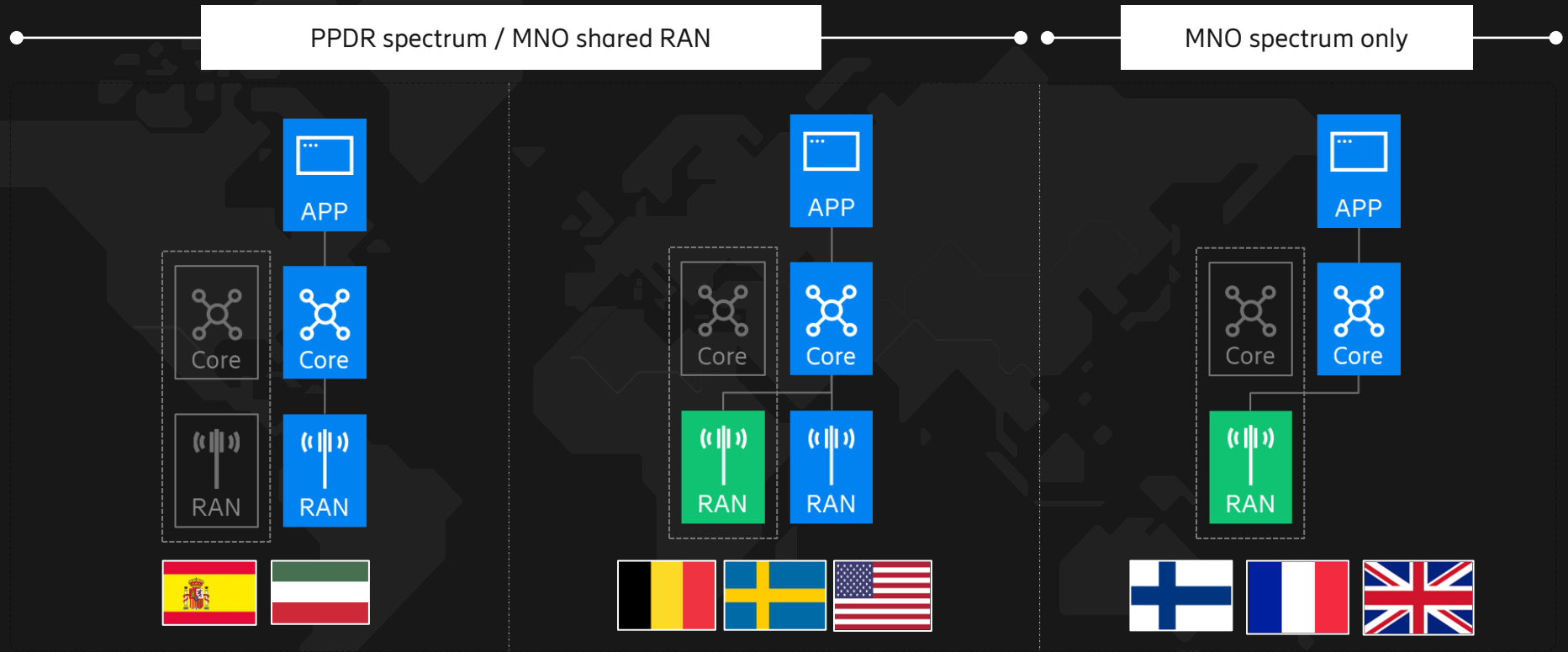
EUTC



# Global PS trends – Core and RAN deployment

Non-exhaustive

## Dedicated 4G/5G Core



Existing operator assets    Dedicated private assets    Shared assets

# Public safety use cases

A broadband network that enables

- Multi-agency collaboration
- MC-PTx, phone calls and text messages
- Connected vehicles i.e., VaaN
- Enhanced capabilities
  - Live video feeds, high-resolution image, smart wearables, body camera, drones, location accuracy, IoT sensors, AR/VR, patrol robots, face recognition, CBRNE Robots, EOD robots etc.



# Customer cases – deployable 5G

## Tactical Humanitarian Operations Response (THOR)



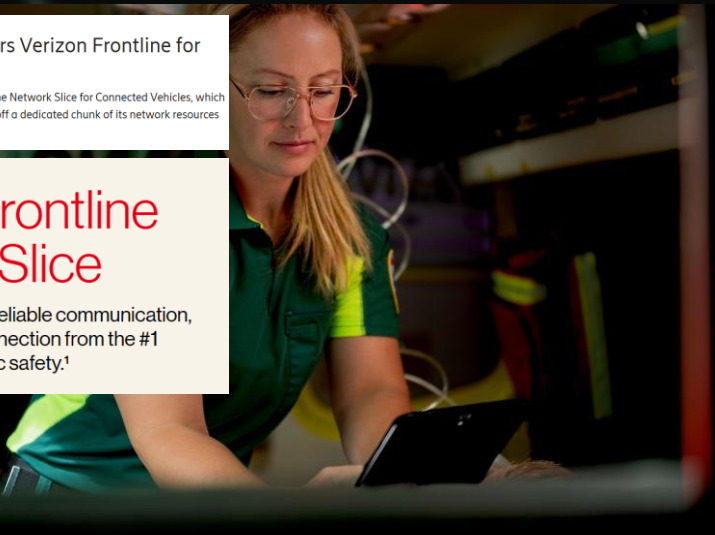
Source: [Verizon](#) [Ericsson](#)

## Ericsson Cradlepoint powers Verizon Frontline for First Responders

Verizon on Thursday announced its new Frontline Network Slice for Connected Vehicles, which will use 5G standalone (SA) technology to slice off a dedicated chunk of its network resources for public safety workers.

## Verizon Frontline Network Slice

When you need quick, reliable communication, rely on a dedicated connection from the #1 network choice in public safety.!



Source: [Verizon](#)



Source: [AT&T](#)

# Customer cases – integrated network

## Emergency services for a city of 200k people

- mission critical voice call
- inter-equipment coordination and
- data transmission

## Mission critical communication performance

- 7x faster than ordinary devices
- Lower and stable latency
- Contiguous coverage



# Customer cases – Vehicle as a Node



LOS ANGELES  
POLICE DEPARTMENT



COUNTY OF LOS ANGELES  
FIRE DEPARTMENT



SA POWER NETWORKS  
SOUTH AUSTRALIA

## Police video capture

- Ruggedized dual-modem in-vehicle routers
- Axon Fleet 3 in-car camera system

## Vehicle & fire apparatuses

- 400 connected vehicles
- 1000 connected fire apparatuses
- Wi-Fi, GPS with telematics integration
- Centralized management

## Connected Vehicle

- 170 vehicles connected vehicles
- Starlink +Ericsson 5G
- Enhanced crew safety
- Reduced resolution times

# Key takeaways



Increasing disasters, border tension and emergency situations requires resilient and advanced networks

Flexible network deployment models will accelerate adoption

Enhanced capabilities with 5G SA to protect critical infra. and save lives

Majority of early adopters have chosen Ericsson to deliver as trusted partner



**ERICSSON**

15<sup>0</sup> years