



Extreme LTE Agility for Emergency Handling

Premium Mobile Broadband

Luc Imbert

Public Safety and PMB Practice Lead Cisco EMEAR

PMB practice team

April 2016

Public Safety and Security

Tetra and P25 handle
Critical Voice but do not
provide broadband



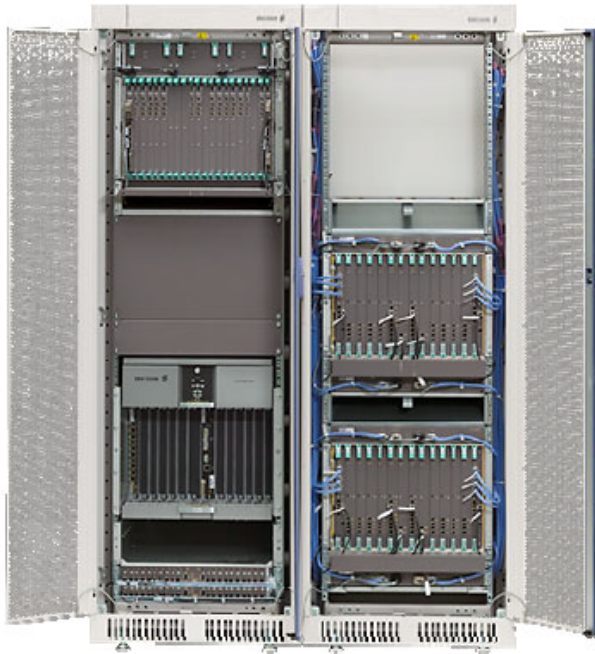
4G LTE provide a future proof
framework but commercial
architectures are irrelevant to
Safety and Defence

Requirements

- Mission critical infrastructure; available in emergencies
- Day-to-day use for familiarity
- Infrastructure & coverage on-demand
- Resilient Mobile Broadband services to add on top or replace Critical Voice Networks

In Perspective ...

COTS LTE for Operational World require virtualisation

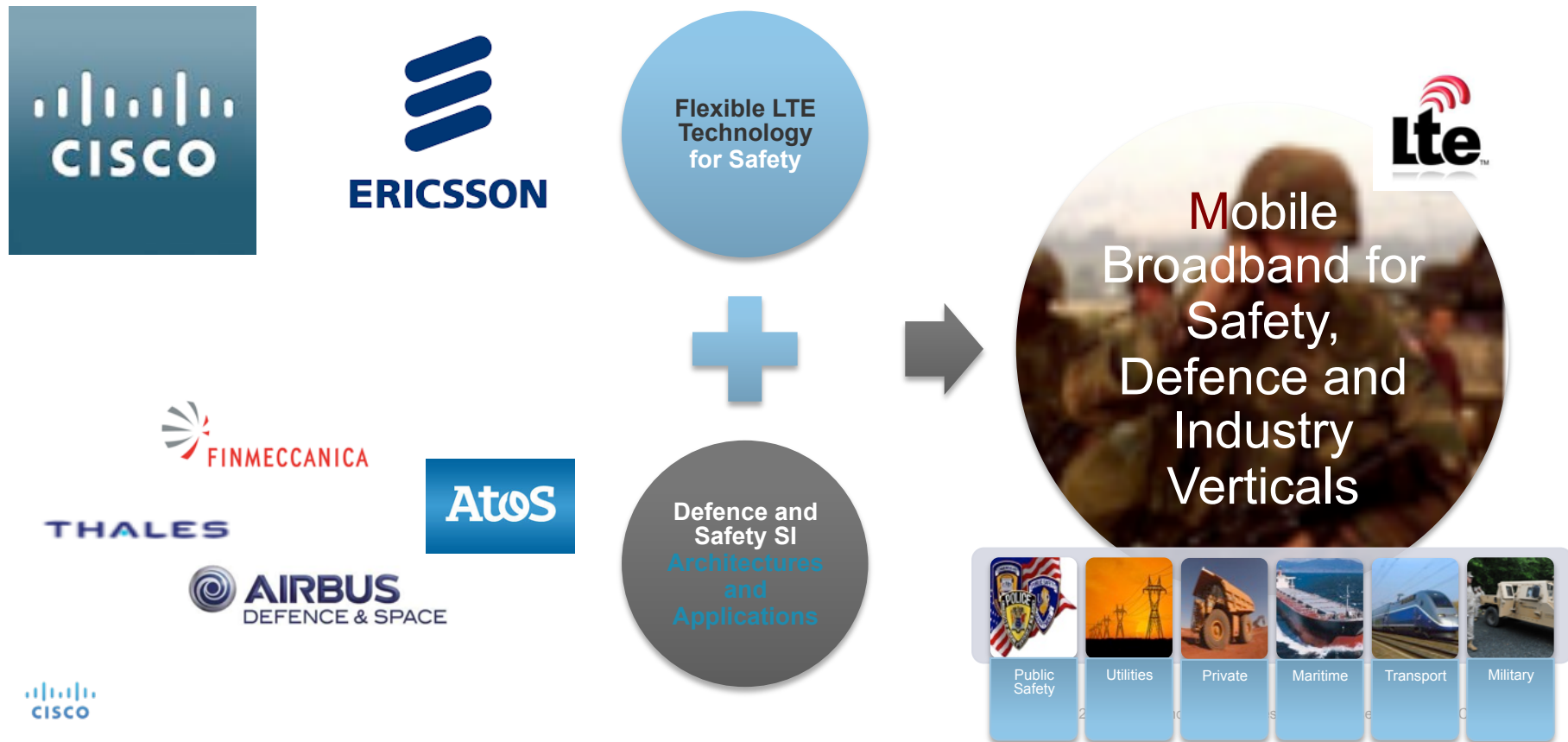


Evolved Packet Core *for public LTE*

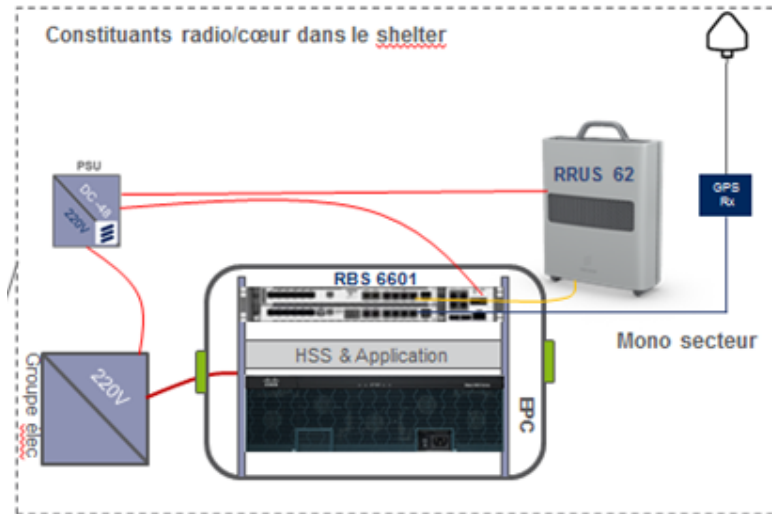


Evolved Packet Core *for Premium LTE*

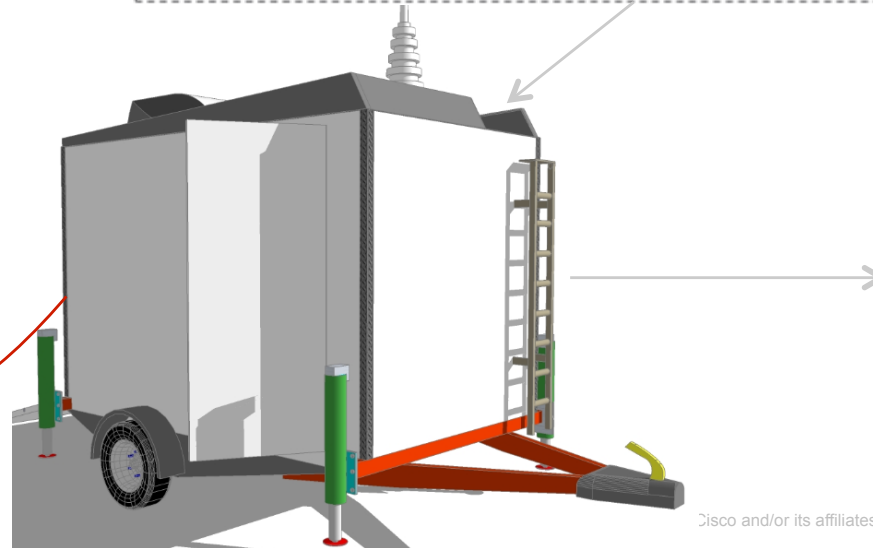
The Public Safety Go To Market is a new ecosystem between technology providers and Vertical Experts



Vehicular Tactical Bubble



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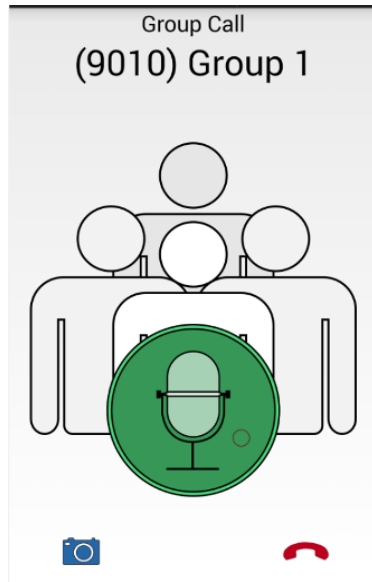
PMB Tactical LTE portable option

- Cisco EPC, vPC
- Klas Telecom eNodeB and Server
- Cisco CSR1000v virtual router
- Netnumber TITAN HSS
- Thales Nexium Wireless MC-PTT

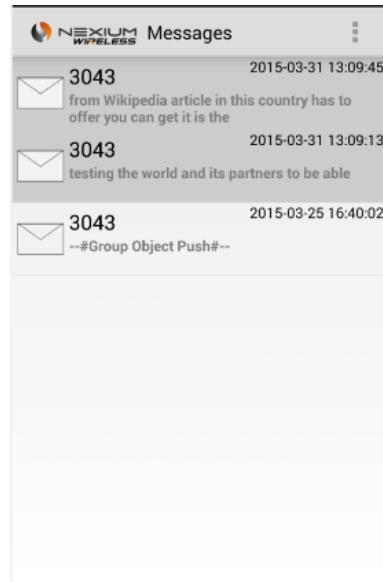
A FULL LTE NETWORK RUNNING ON BATTERIES!



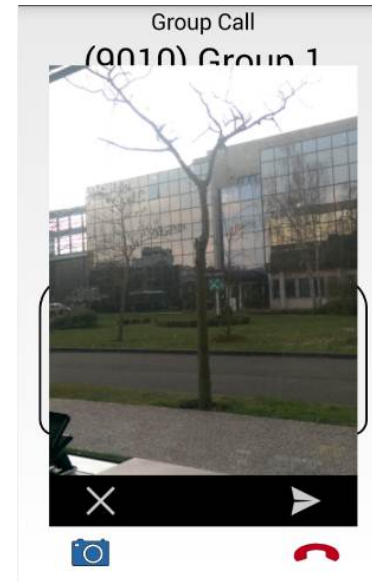
Mission Critical Push-To-Talk Services



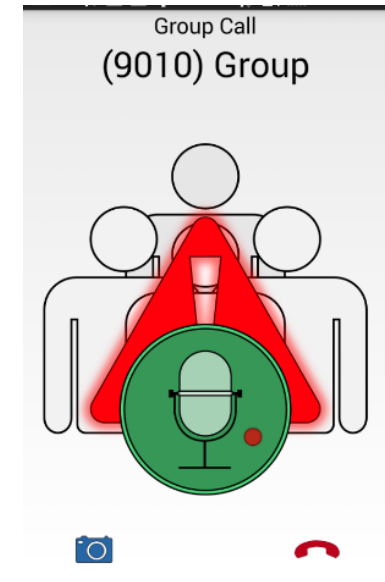
Group Call



Messaging

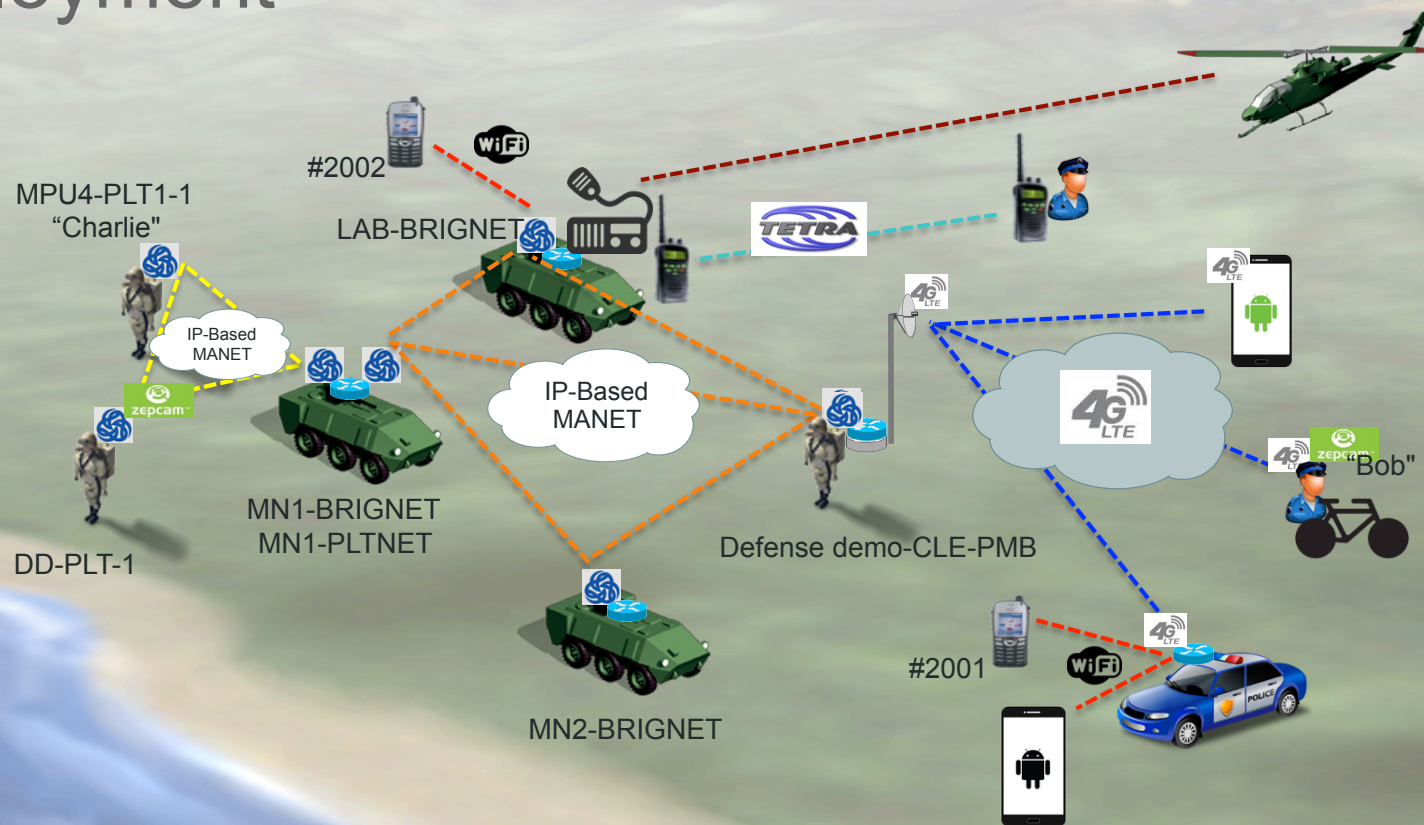


Push to video

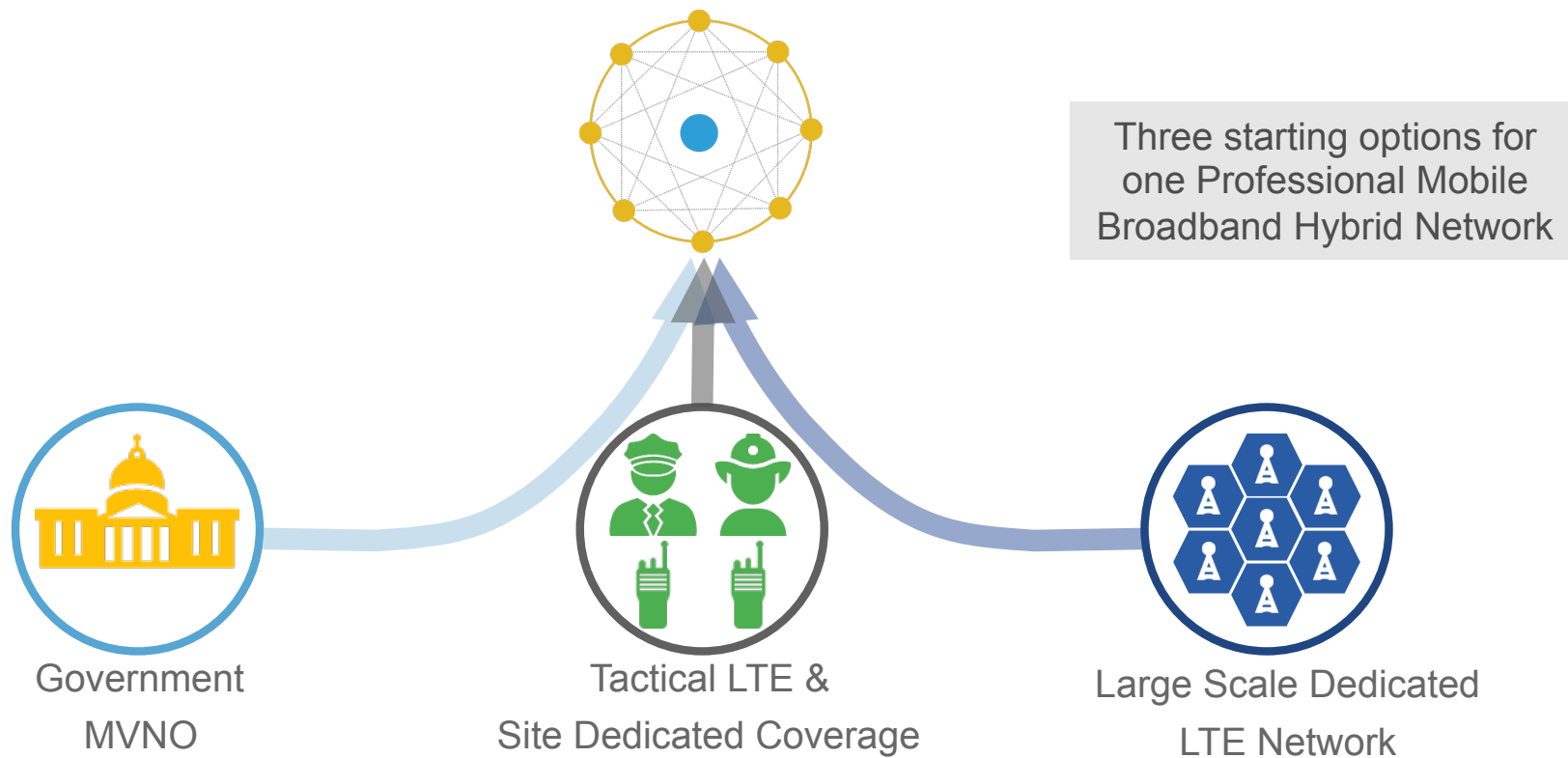


Emergency call

The overview of Cisco Live 2016 demo deployment



Country Wide Hybrid Mobile Broadband Network for Government & Professionals



We have identified LTE for safety as a global market move we want to address.

A solution and a specific ecosystem evolution is required.

Hybrid Networking is driving this evolution.

