MOTOROLA SOLUTIONS
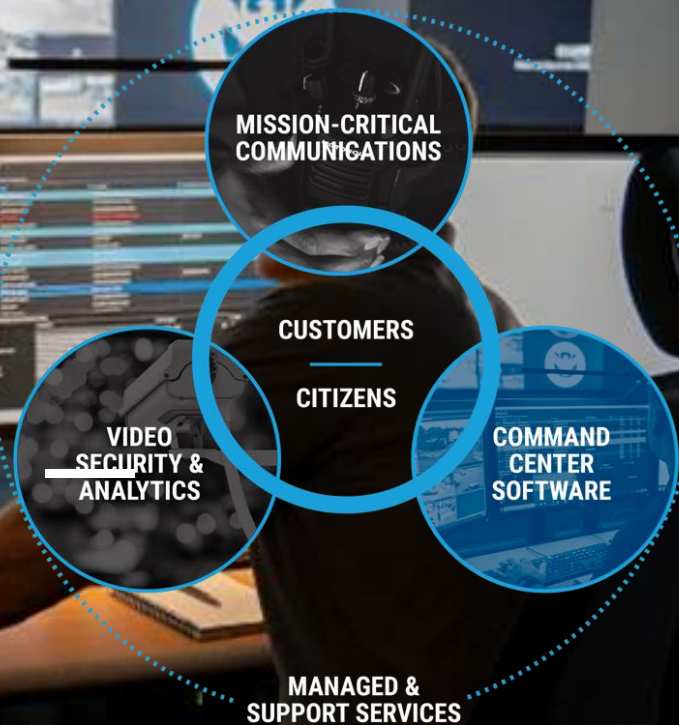
Convegno Comunicazioni radio per la sicurezza

Politecnico di Milano 26 Ottobre 2021

Ing. LORENZO SPADONI

MISSION-CRITICAL COMMUNICATIONS

CUSTOMERS

CITIZENS

VIDEO SECURITY & ANALYTICS

COMMAND CENTER SOFTWARE

MANAGED & SUPPORT SERVICES

MOTOROLA SOLUTIONS

WHAT IS MISSION CRITICAL?

CLICK ON DETROIT

POLICE OFFICER SAVES BABY FROM CHOKING

KISSIMMEE, FLORIDA

LOCAL 4

WEATHER | MACOMB TOWNSHIP | TODAY ☀ 54° | THU ☁ 53° | FRI ☁ 50° | 5:55 | 44°

MOTOROLA SOLUTIONS

WHAT IS MISSION CRITICAL?

99.99%
DISPONIBILITA'

50ms
LATENZA

MISSION CRITICAL COMMS

Mission Critical Voice + Multimedia Collaboration

Protect your push-to-X lifeline. So you're always connected.

We build infrastructure and devices that enable mission critical communications, so the lifeline is always in reach. By reinforcing radio with broadband capabilities, we enable the instant voice and multimedia collaborations that keep our users safe and aware when it matters most.

Global leader *in every two-way radio standard and LTE solutions.*

- APCO P25
- TETRA
- Digital Mobile Radio
- Professional Radio Standards
- Public Safety LTE Networks
- Purpose-Built Broadband Devices
- Broadband Push-to-X
- LMR/LTE Interoperability

SVILUPPI DEL MERCATO - PUBLIC SAFETY
Tre tendenze a livello globale

KEY TOPICS

LMR-BB COESISTENZA/MIGRAZIONE E' COMPLESSA
Diversi modelli
Coesistenza LMR-BB sarà a lungo termine
Collaborazione con Carrier, che hanno modelli di business diversi

LTE/5G
INTERWORKING
Coverage, DMO, Private spectrum

NON SI PASSA A BB SOLO PER LA VOCE
Applicazioni, spesso personalizzate per le esigenze nazionali
Video is the new King
Nuove tecnologie: AI

Device selection
APIs & collaboration
Cybersecurity

SOLUZIONI FRAMMENTATE: DI CHI FIDARSI?
Fornitori LMR "classici"
Produttori Infrastrutture LTE
IT suppliers: Microsoft, IBM, Hexagon...

Vision

SVILUPPI DEL MERCATO - PUBLIC SAFETY (ESN)

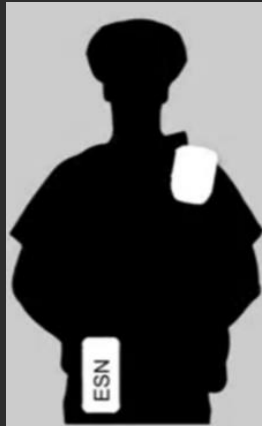## Diverse combinazioni per utenti con esigenze diverse

Radio TETRA +
Mission Critical
LTE device

RSM TETRA D2D
+ Mission Critical
LTE device

Radio
TETRA/LTE +
Standard LTE
device

TERMINALE
Convergente
TETRA/LTE

City of London
Police
preference

Home Office
short term
preference

Met Police
(London)
preference

Ambulance
preference

Immigration
preference

THANK YOU