Multi-MCPTT-UE *Features*

Do you want to ...

... test your PS-LTE+MCPTT network...

... experiment with an MCPTT client...

... showcase any functionality...

with multiple UEs?

MCPTT Application Server

MCPTT Management Servers

MCPTT-capable IMS

PCRF   **BM-SC**   **LTE EPC**

LTE eNB

SDR

Management
- ❑ Full LTE logging
- ❑ Web interface
- ❑ Monitoring

Multi-MCPTT-UE
- ❑ MCPTT QCIs
- ❑ MCPTT eMBMS

Tests
- ❑ Basic networking
- ❑ MCPTT calls
  - ❑ Private
  - ❑ Group
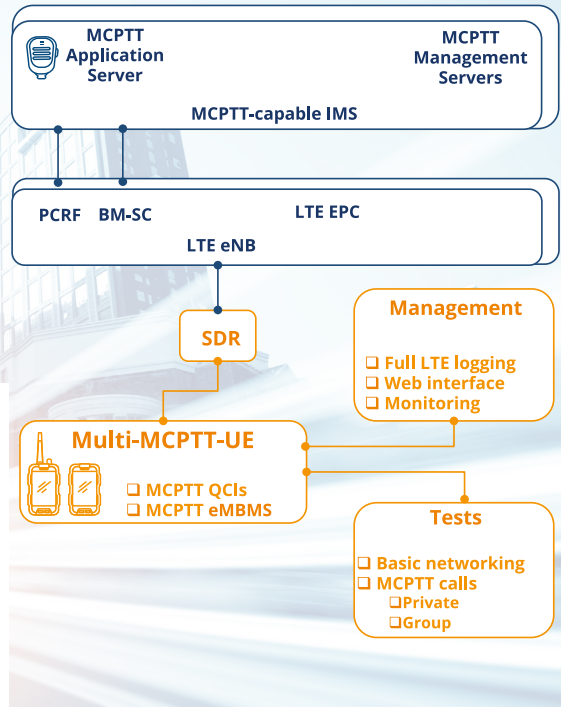
Key Features

- Multi-UE channel simulator/emulator
- Lightweight MCPTT client
- MC-grade: eMBMS + MC-QCIs
- QoS and dedicated bearers
- Configurable APN/PDN
- Configurable logging
- Web interface for test configuration
- Remote API support
- Monitoring terminal
- Compatible with different SDR/RRHs
- Basic networking tests
- Available MCPTT calls types (Rel'13)
  - ✓ Private and Group calls
- Parallel client execution
- Programs could be externalized (IP-based)

Additional Features

- LTE Rel'8 with selected Rel'14 features
- PHY/MAC/RLC/PDCP/RRC/NAS layers
- FDD/TDD support
- Bandwidths: 1.4, 3, 5, 10, 15 and 20 MHz
- MIMO DL support

Key Benefits

- Easily configurable
- Fast management and execution
- Lightweight MCPTT client
  - ✓ 3GPP Rel'13 compliant
- Carrier grade system
- Reduces CAPEX/OPEX
- Scalable
- Reduces integration phase
- Suitable for demos
- Easily portable

Nemergent *Solutions*