# VOLTE DEPLOYMENT ASPECTS

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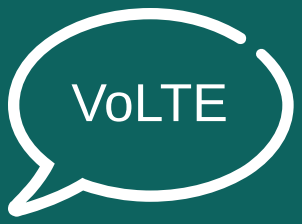
# VOLTE GOING COMMERCIAL




WORLD'S FIRST COMMERCIAL VoLTE LAUNCHES – AUG 2012

DEVICES MOVING FROM IOT TO COMMERCIAL READINESS

LTE COVERAGE INCREASING FAST

NETWORK VENDORS PROVIDING SOLUTIONS

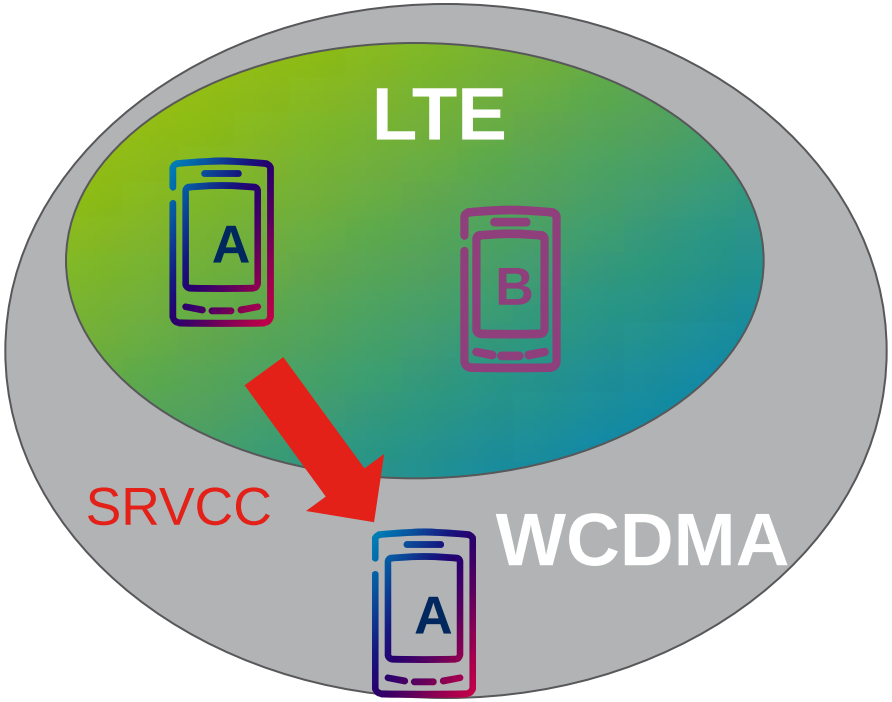
# VOLTE DEVICE ECOSYSTEM

- Several devices appearing in consumer market, with VoLTE being default voice service
- Early indications are positive, with very good network KPIs
- Significant preparation for VoLTE deployment across large number of operators

# COMMUNICATION EVOLUTION TARGET

- Voice & Video communication with fully integrated feature set
- HD Voice & Video for differentiation
- Evolved messaging services with group support
- Active Address Book with Presence & Capability management
- Seamless experience across accesses & devices
- Interoperable for global reach & extendable for differentiation

# SR-VCC

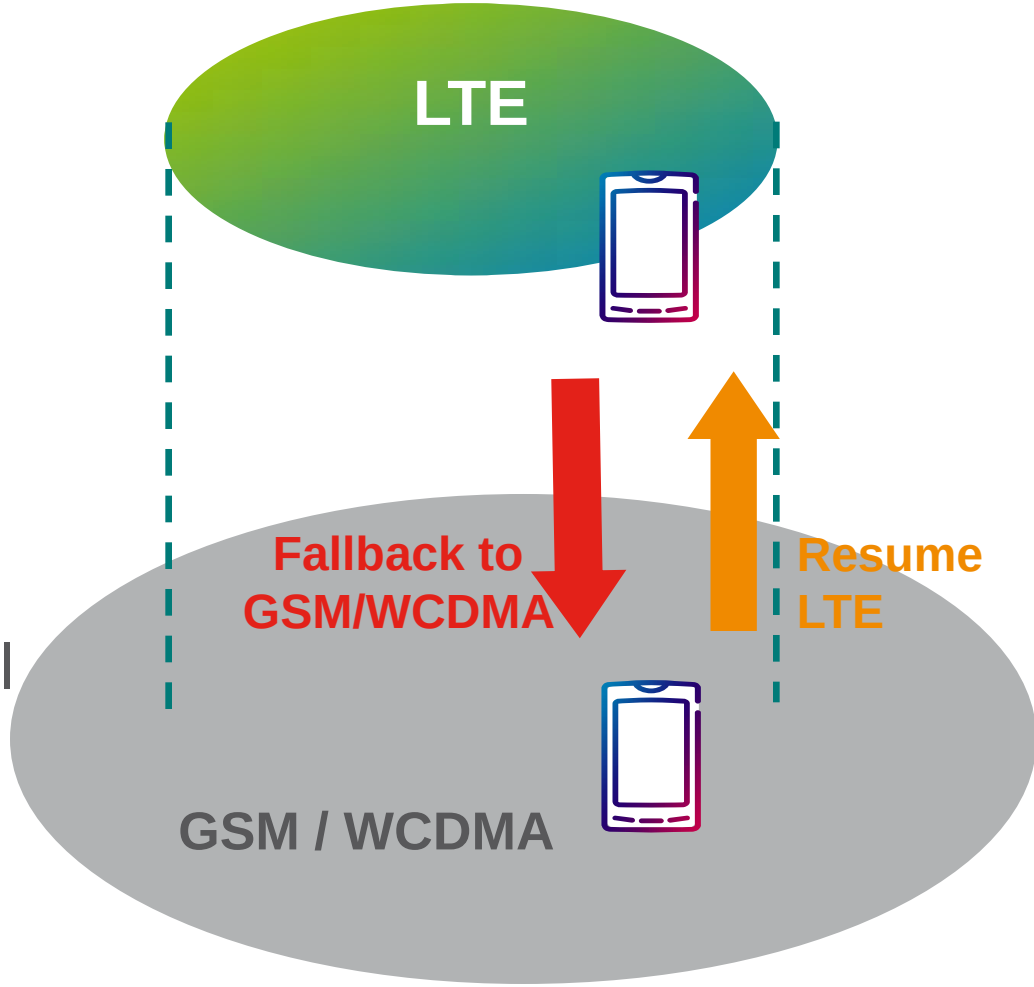



- SR-VCC needed to ensure continuity of voice services in most markets
- Qualcomm-Ericsson demonstrations in 2012, now in customer labs in readiness for deployment

"Voice handover in LTE networks – ensuring seamless services"
http://www.ericsson.com/news/121026-voice-handover-in-lte-networks_244159017_c

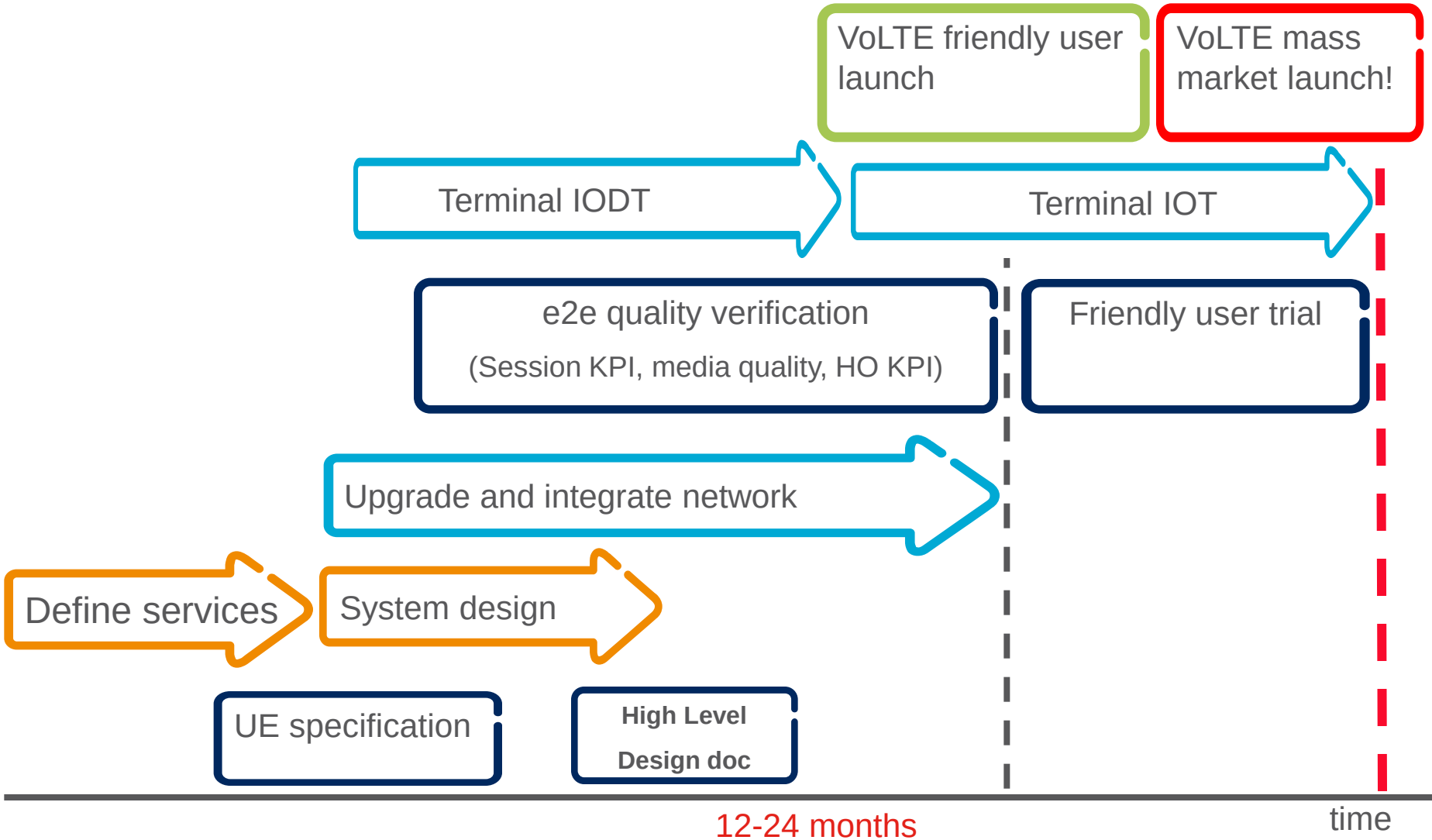
# CSFB FOR ROAMING

- CSFB widely deployed across the globe with all major LTE operators with handsets
- CSFB will remain in place for many years as principal LTE roaming solution




"Circuit-switched fallback. The first phase of voice evolution for mobile LTE services"
http://www.ericsson.com/news/120518_lte_voice_evolution_244159019_c

# KEY AREAS FOR A SUCCESSFUL VOLTE PROJECT



# VOLTE E2E APPROACH

**Aligned functionality and testing**

**Integration, optimization and reference implementations**

**IODT program with chipsets and devices**

**NETWORK MANAGEMENT**

**DEVICE VENDOR COOPERATION**

**End-to-end VoLTE approach ensures telecom grade services**

ERICSSON