



Focus Areas for Release 12

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NOKIA
Connecting People

Our key themes for Release 12

- ✓ LTE public safety – addressing untapped market LTE segment
- ✓ Coping with the data and signaling storm
- ✓ Intelligent Traffic Steering

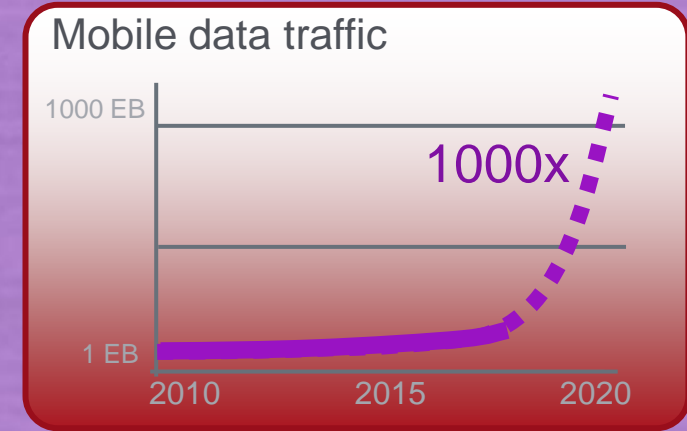
LTE public safety – addressing untapped market LTE segment

- There is acknowledged demand to provide mobile broadband service for professional use. By enhancing EPC and E-UTRAN as system enablers, the 3GPP system can be deployed to address the needs of a new market segment.
- The following work items among the currently active work are most relevant to meet this objective:
 - ProSe, functionality for public safety to be prioritized
 - GCSEL
 - EPC and E-UTRAN enhancements to be prioritized.
 - application layer making use of the group communication service enablers is out of scope of this work



Coping with the data and signaling storm

- We need features to allow for Network Optimizations due to data explosion, network stability and reliability. The following work items among the currently active work are most relevant to meet this objective:
 - Core Network Overload [CNO]
 - User Plane Congestion [UPCON]
- Features to allow for coping with the smartphone and M2M challenge: frequent and infrequent small data transmission, optimizations for device power consumption. The following work items among the currently active work are most relevant to meet this objective:
 - Small Data Transmission and Device Triggering [MTCe_SDDTE]
 - UE Power Consumption Optimizations [MTCe_UEPCOP]
 - Providing control to UE for inbound/outbound connections with PCP



Intelligent Traffic Steering

- The successful introduction of LTE networks has proven to further stimulate the use of wireless applications and services. The 3GPP system support for a more seamless and better coordinated traffic steering between cellular and WLAN technologies is more important than ever. WFA certification efforts for seamless Wi-Fi roaming are bringing new capabilities to WLAN that 3GPP should take on board.
- The following work items among the currently active work are the most relevant to cover the most immediate needs for more intelligent traffic steering:
 - WLAN Network Selection for 3GPP Terminals [WLAN_NS]
 - Optimized Offloading to WLAN in 3GPP-RAT mobility [FS_WORM]

