

3GPP TSG SA#102

11-15 December 2023, Edinburgh, UK

SP-231627

Qualcomm

# Views on SA2 rel.19 package

Source: Qualcomm

# SA2

## Release 19 prioritization

- Include all the SA#101 approved SIDs:
  - Energy Efficiency and Energy Saving as Service Criteria (**FS\_EnergySys**) (13 TUs)
  - NG RTC phase 2 (**FS\_NGRTC\_Ph2**) (11.5 TUs)
  - Satellite in 5G Architecture phase 3 (**FS\_5GSAT\_ARCH\_Ph3**) (12.5 TUs)
  - MPS for IMS messaging and SMS (**FS\_MPS4msg**) (6 TUs)
  - XRM phase 2 (**FS\_XRM Ph2**) (14 TUs)
    - Down scope WT 1.3 since support for UL PDU set QoS is already accomplished in rel.18 (see SP-231597)
- Total number of TUs = 58

# SA2

## Release 19 prioritization

- Qualcomm's high priority items (from the remaining SIDs):
  - Multi-Access (FS\_MASSS) (14 TUs)
  - CN Enhanced Support for AI/ML (FS\_AIML\_CN) (14 TUs)
    - Only interest in WT-1 (8 TUs)
  - Phase 3 for UAS, UAV and UAM (FS\_UAS\_Ph3) (12 TUs)
  - Vehicle Mounted Relay Phase 2 (FS\_VMR\_Ph2) (11 TUs)
- Total number of TUs for the 4 high priority SIDs = 45

# SA2

## Release 19 prioritization

- Other considerations:
  - Scope alignment with TSG RAN is needed for a number of items:
    - AIML\_CN WT1, ProSe Phase 3/SL Relays, Femtos, VMR\_Ph2, Sensing (ISAC), Ambient IoT (AloT), XRM\_Ph2
  - Interest in accommodating Public Safety needs for multi-hop ProSe Relays
    - SA2 focus on Layer-3 multi-hop ProSe Relay only, since Layer-2 design depends on RAN. Multi-path support to be down prioritized.
  - For Integrated Sensing and Communications (ISAC) RAN related WTs should start only after RAN “gives the green light” to SA2 i.e. SA2 study should not be “proxy” for technology study of RAN
  - For Ambient IoT (AloT) SA2 should be aiming for study only in rel.19 (study only TUs in the SID) but exception handling can be agreed in Dec. 24 if RAN agrees to convert the SID to WID
  - Roaming Value Added Services (RVAS) and Indirect Network Sharing (NetShare) can be pursued as TEI19 “normative” WI, possibly with some indication that will be considered “high priority” in SA2 TEI19 approval process



# Thank you

Follow us on: **f** **t** **in** **@**

For more information, visit us at:

[www.qualcomm.com](http://www.qualcomm.com) & [www.qualcomm.com/blog](http://www.qualcomm.com/blog)

Nothing in these materials is an offer to sell any of the components or devices referenced herein.

©2018 Qualcomm Technologies, Inc. and/or its affiliated companies. All Rights Reserved.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. Other products and brand names may be trademarks or registered trademarks of their respective owners.

References in this presentation to “Qualcomm” may mean Qualcomm Incorporated, Qualcomm Technologies, Inc., and/or other subsidiaries or business units within the Qualcomm corporate structure, as applicable. Qualcomm Incorporated includes Qualcomm’s licensing business, QTL, and the vast majority of its patent portfolio. Qualcomm Technologies, Inc., a wholly-owned subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of Qualcomm’s engineering, research and development functions, and substantially all of its product and services businesses, including its semiconductor business, QCT.