

Enhancement for Rel-19 RedCap

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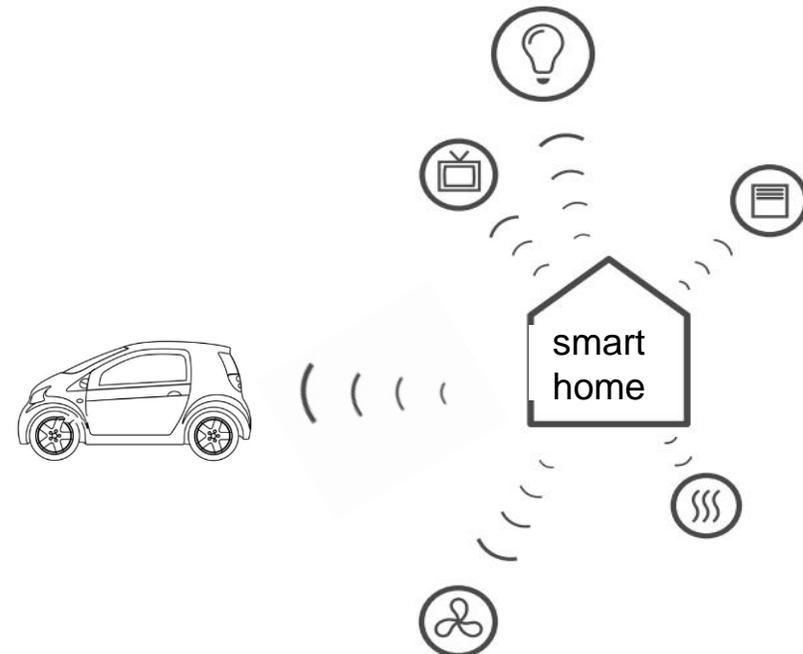
Motivation for Rel-19 RedCap

□ Motivation:

RedCap is expanding the application of 5G to wearable devices, surveillance cameras and IIoT. It will enable 5G commercial networks to meet the requirements of medium/low data rate users such as IoT, and help expand the 5G ecosystem and make 5G more widely deployment. At the same time, scenarios such as NTN, MBS and SL are expected to support 3GPP-based coverage for all device types.



NTN with RedCap



SL with RedCap

Objectives for Rel-19 RedCap

- For Rel-19 RedCap enhancement, the following objectives are considered:
 - Identify requirements for RedCap in NTN/SL scenarios.
 - Study coverage enhancements for NTN system due to reduced number of Rx/Tx.
 - Further study power saving for RedCap UE.

Thanks