

# A communication PF to bring flexibility for IoV: IRIGATE

Furukawa Electric, SORACOM, TOYOTA

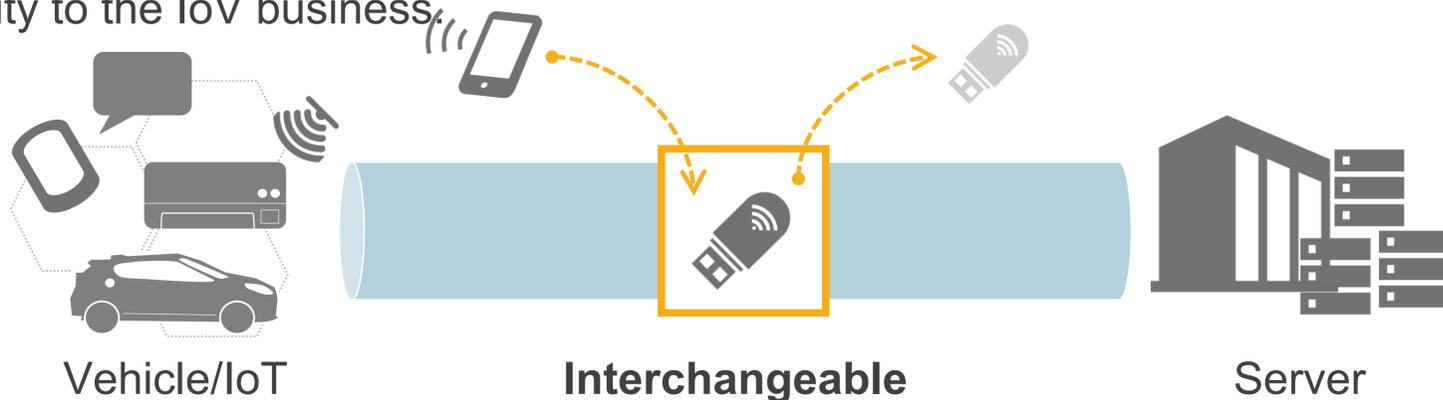
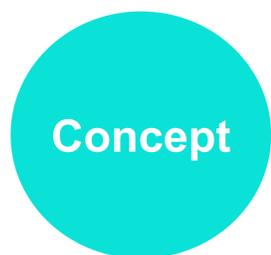


IoV: Internet of Vehicles

IRIGATE: Intelligent, Replaceable, Interconnection, GATE

## Goal

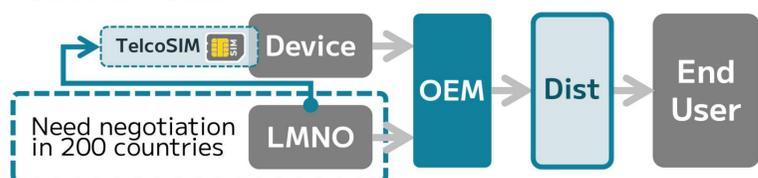
1. Cars usable for 20 years; telecom standards updates every 10 years
2. The goal is to enable connectivity exchange, and services can be available even after sunset, that bringing flexibility to the IoV business.



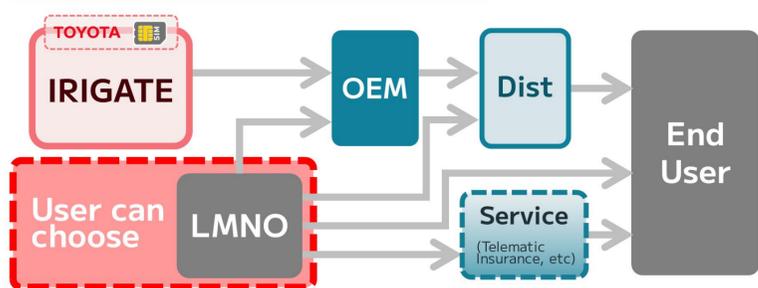
## Demo Overview

### IRIGATE Biz Mod.

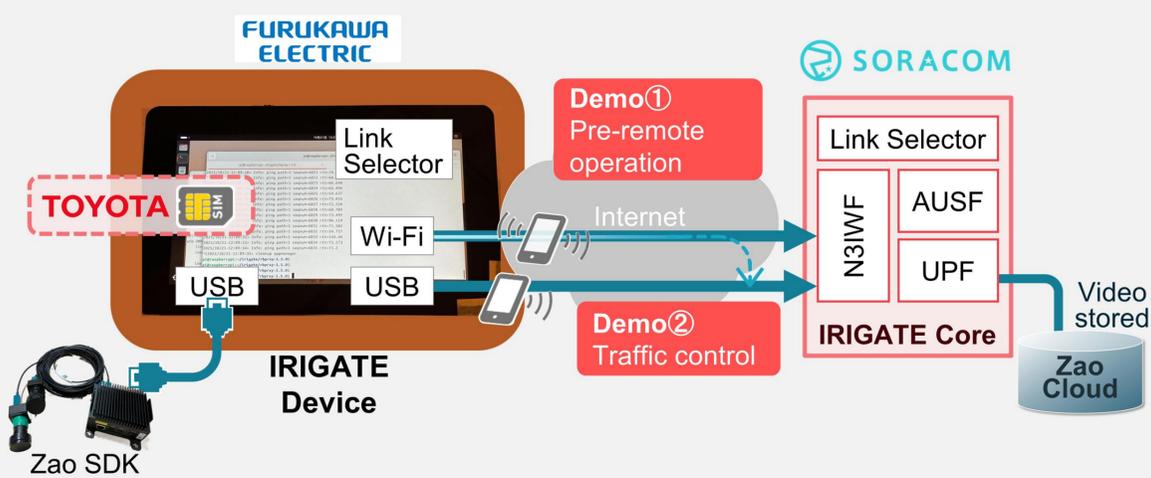
Current Model ···



IRIGATE enables this



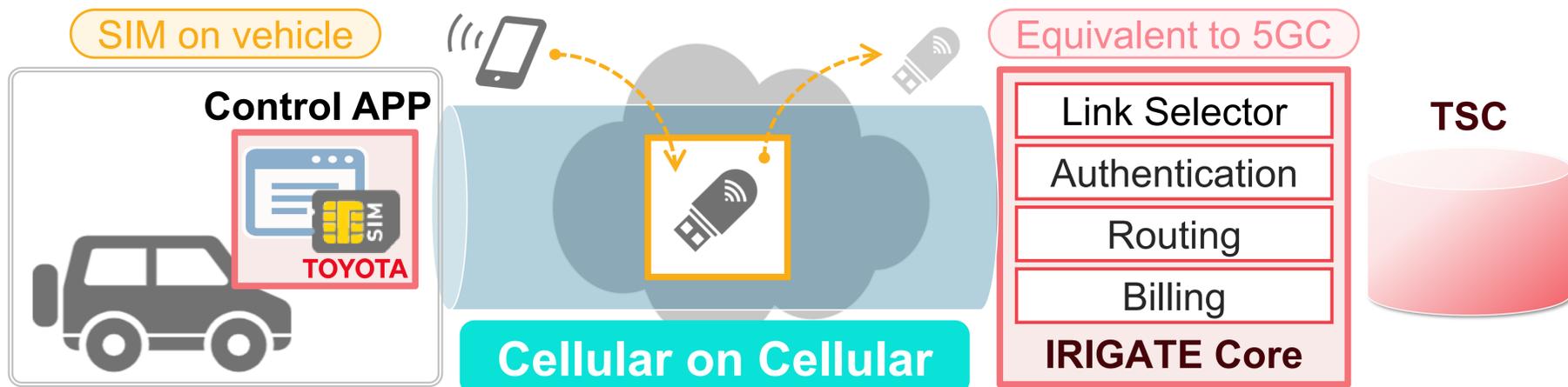
### Demo Setup



UPF: User Plane Function  
AUSF: Authentication Server Function

Zao is used for remote driving. Similar data is transmitted through IRIGATE in this demo.

## Enabling Technology



The system of MNO

