

Auto-Valet Parking (AVP) Type-2 Simulator World-First AVP Type-2 Simulator Cuts Development Time using Digital Transformation

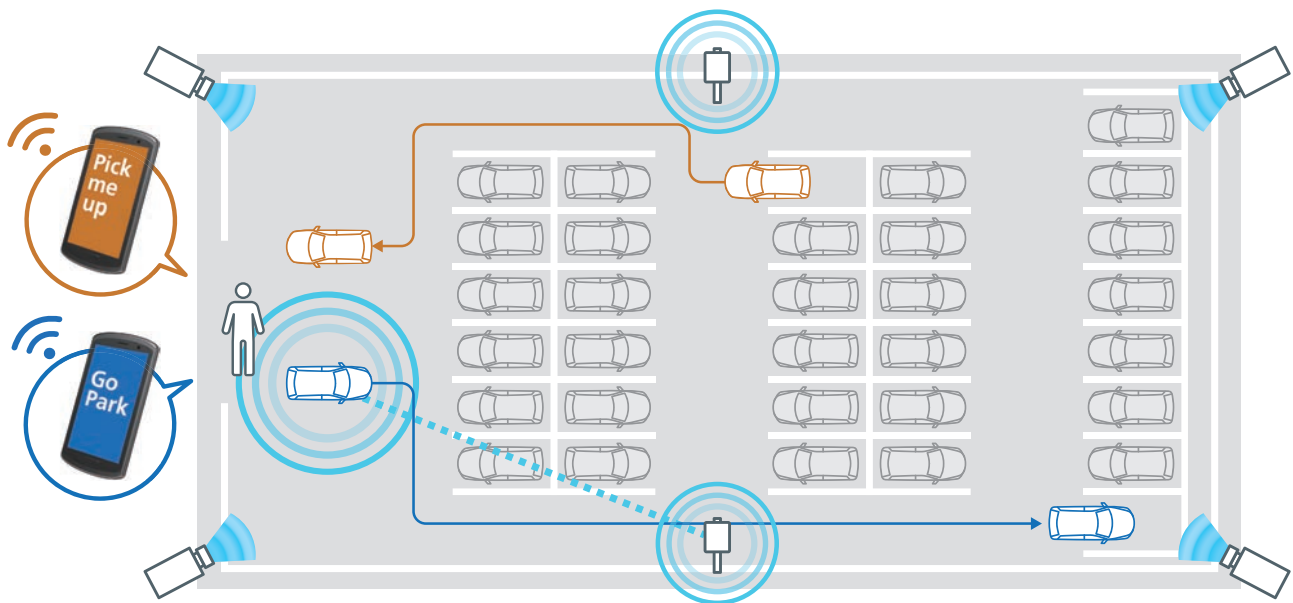


* This solution is offered by Anritsu in partnership with dSPACE GmbH with strengths in automobile-related simulation and APPOSITE Technologies LLC with strengths in communications measurement.

- ▶ Advances in "connected-car" technologies are promoting development of Auto-Valet Parking (AVP) Type-2 standards using sensors in automated parking garages combined with communications between the connected-car and Cloud. The Type-2 standard uses Cloud-based computing, eliminating the need for an in-vehicle, high-performance computer and offering convenient AVP for the connected-car.
- ▶ This world-first AVP Type-2 simulator reproduces various parking-garage conditions, including communications faults, which are key to successful AVP development. Using Digital Transformation helps cut the AVP system development time while the Type-2 standard prevents parking-garage accidents and vehicle break-ins/theft as well as minimizes parking and retrieval times.

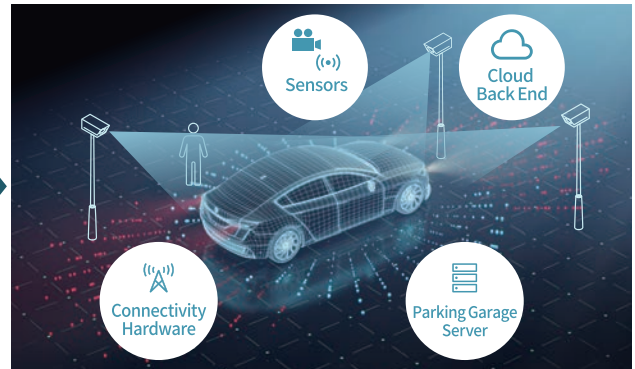
AVP: Park and retrieve car using smartphone

- In unmanned parking garage:
 - No accidents
 - No vehicle theft/break-ins
- Minimizes parking and retrieval times



AVP Type-2: Supports connected-car without onboard high-performance computer

- Type-1
 - Autonomous using car sensors
 - Requires expensive onboard high-performance computer
- Type-2
 - Automated remote control using parking-garage sensors and Cloud communications
 - Cuts cost by eliminating need for onboard high-performance computer



World-first AVP Type-2 simulates communications faults as key to development.
Digital Transformation helps cut AVP system development time, prevents parking-garage accidents and vehicle break-ins/theft as well as minimizes parking and retrieval times.

