ST54 & STPay-Mobile
solutions for mobile services

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STMicroelectronics

ST54 solution combining NFC, eSE and eSIM
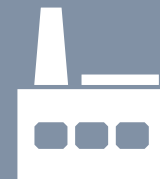
Key features

- Card switch

- MEP

- Strongbox

- UWB compliant

- 3.3MB eNVM

Deployed in the latest
Google Pixel 7 and
in all Pixels since 2019

First to support
convergence, combining
eSIM with NFC & eSE

3rd generation of ST54
with a full in-house
supply chain

Mass production
at the majority of
Tier-1 Android OEMs
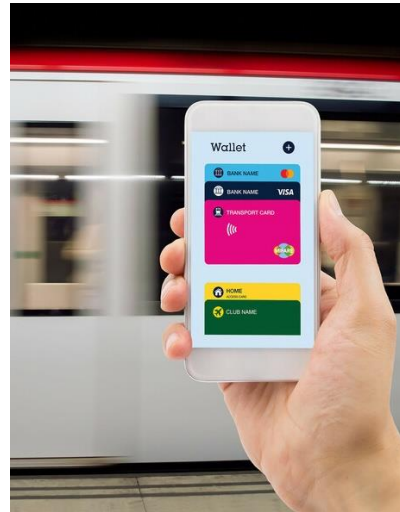
STPay-Mobile
enables secure virtual applications

ST SECURE

ST54

An **innovative** solution for new, connected lifestyles

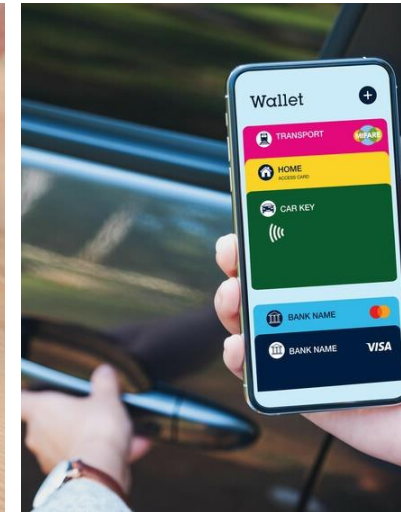An **end-to-end** solution to secure the assets that people value the most

A **fast and cost-effective** way to digitalize services overseas
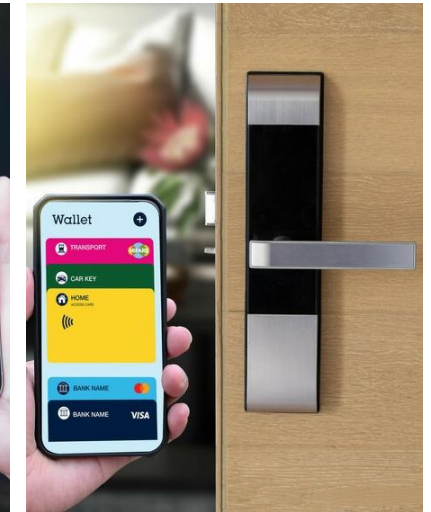

Mobile ticketing

Mobile payment

Mobile car access

Mobile access control

life.augmented

STPay-Mobile payment solution

Connects to service providers and standards

- Connected to major token service providers worldwide
  (Mastercard MDES, Visa VTS, and more)

- Compliant with PCI DSS security standards

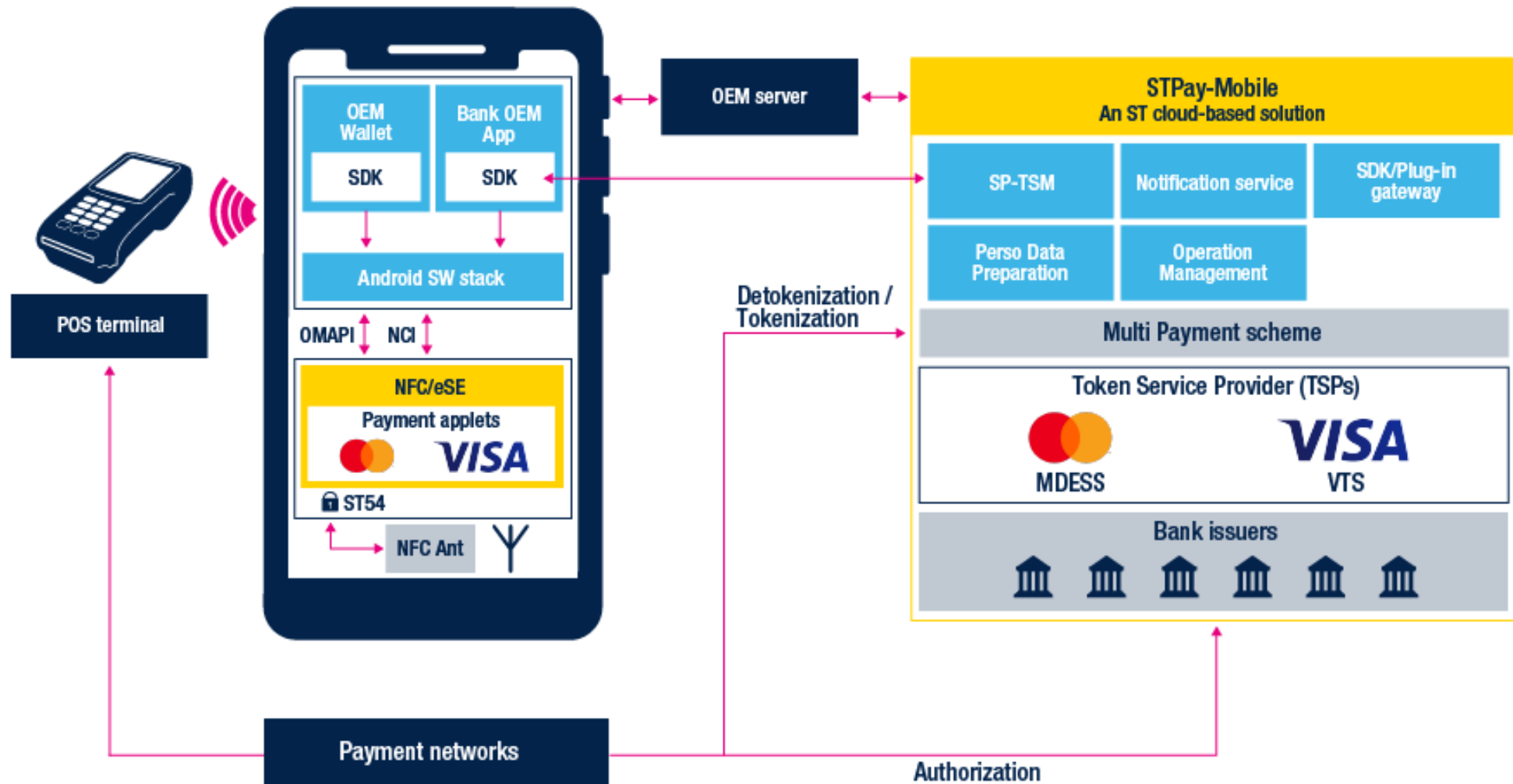## Offers a white-label NFC wallet: STPay-Mobile

- An ST cloud-based solution

- A certified payment SDK

- Token management
  - TR-TSP (request to TSP)
  - I-TSP (interface)
  - Lifecycle management

- Based on ST54 secure element

Deploys a Plug & Play solution for digital payment services

- For online / in-app / in-store payment

- Android-iOS interoperability

- Multi-user authentication (CD-CVM certification)

- Multi-card enrollment option

STPay-Mobile payment solution

STPay-Mobile payment solution

Connecting service providers and OEMs to offer a full payment solution

Support OEMs to build next-gen digital payment solutions

Enables fast and efficient deployment overseas

Simplifies integration into your own application

Comes as a ready-to-use and certified solution

Improves end-user experience on mobile applications

STPay-Mobile car access solution

Compliant with CCC and ICCE specification	Offers a white-label digital car key application	Deploys a Plug & Play solution for digital car access

Compliant with CCC and ICCE specification

- Car Connectivity Consortium

CARCONNECTIVITY
consortium

- ICCE

ICCE | 智慧车联产业生态联盟
Intelligent Car Connectivity Industry Ecosystem Alliance

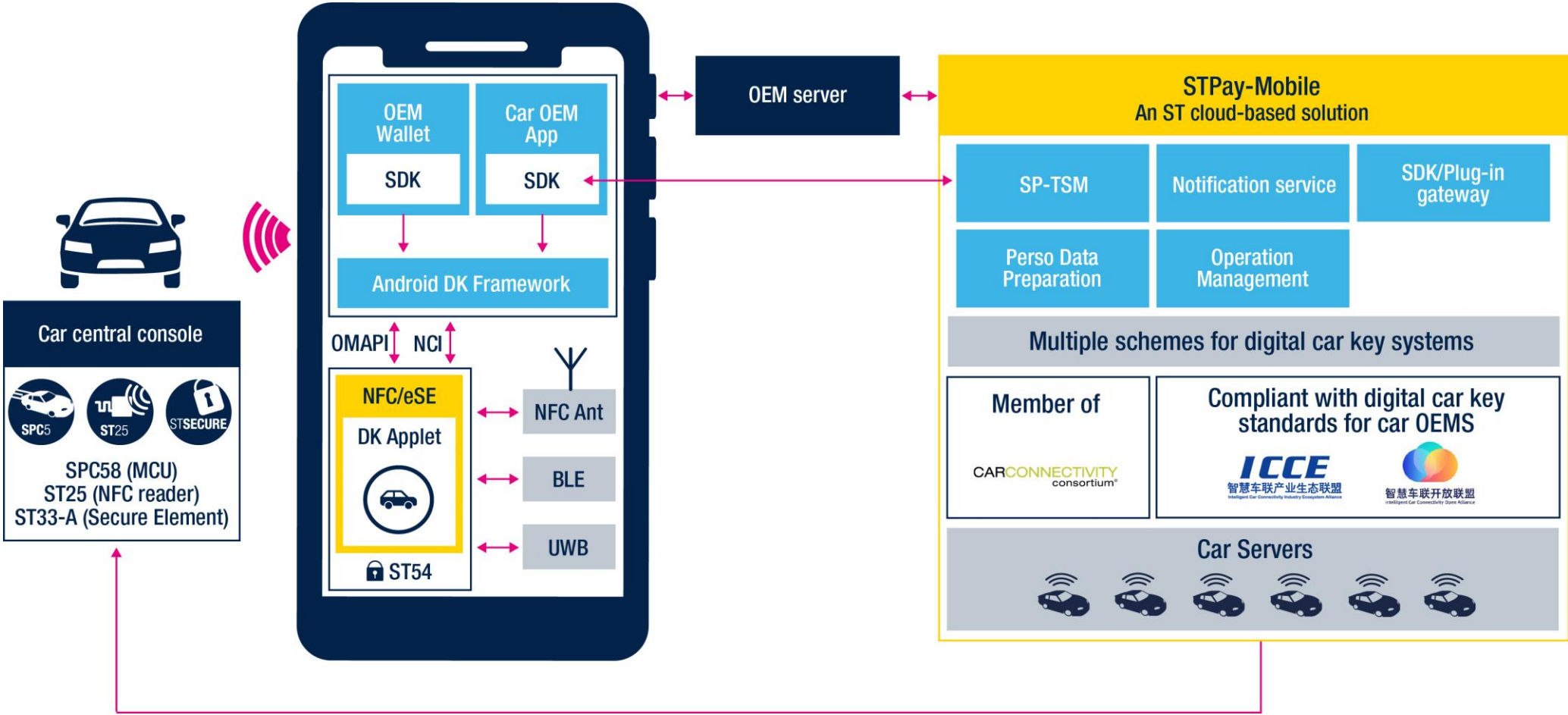**Offers a white-label digital car key application**

- Digital key framework integrated in demo app

- Server for owner pairing and key sharing

- Solution compatible with mobile and wearable devices

- Based on ST54 secure element

Deploys a Plug & Play solution for digital car access

- Owner pairing

- Key sharing

- Transaction: open car door and start engine

STPay-Mobile car access solution

STPay-Mobile car access solution

End-to-end digital car key solution integrated in your mobile wallet

Support OEMs to build digital car key solution

Enables fast and efficient deployment

Simplifies integration into your own application

Comes as a ready-to-use solution

Improves end-user experience on mobile applications

Our technology starts with You

Find out more at www.st.com

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