



Android

# Android for digital identity wallets

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# Key takeaways

## Android's Role

Enable OEMs, SE vendors, and wallet providers to fulfill government and user needs.

## StrongBox

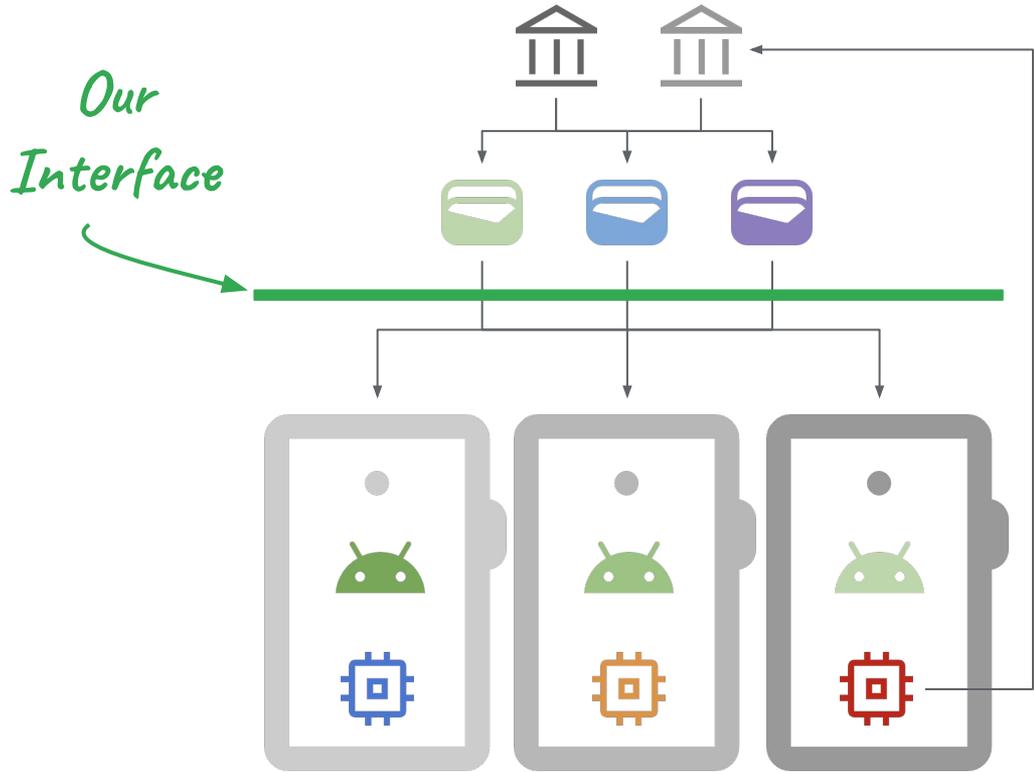
Android API contract to meet security requirements in a **scalable** way that **avoids fragmentation**.

## Certification Path

Active engagement with industry and governments to develop **reusable primitives** that empower innovation.

# Android's Role

**Goal:** Help OEMs, SE vendors, and wallet providers meet government and user needs.



# StrongBox: API contract that helps everyone

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## Scalability

SE vendors provide a security foundation. OEMs integrate with the SE and handle the API plumbing to the vendor's StrongBox implementation.

## Simplicity

Wallets justify LoA High by using a certified (local internal) component.

## Certification

Google helps the ReadySE Alliance enhance certification for local internal WSCA/WSCD (+ hopefully QSCD) through CSP and government consultations.

# StrongBox Certification Roadmap



## 1) Scope security needs

### WSCA/WSCD/QSCD

- Which functionalities *must* provide AVA\_VAN.5 / LoA High?

### Identifying gaps

- GlobalPlatform Device API day follow-up: Google reviewing “CSP Configuration for StrongBox” with BSI
- CEN CENELECT TC224 WG17 is developing WSCA PP. We’re advocating for local WSCA compatibility.



## 2) Supply chain adoption

### ReadySE Alliance support

- Certification of SE vendors’ StrongBox applet (as WSCA) and CSP, on top of hardware certification.

### Architecture-agnostic

- Google is developing a generic CSP PP with BSI and in GlobalPlatform to support vendors with architectures other than Java Card.



## 3) OEM rollout

### Adoption

- OEMs choose certified StrongBox implementations from vendors.

### Certification

- Wallets can meet security requirements and get certified by using the SE vendor’s StrongBox.
- Note: Wallets/apps can already use StrongBox **today** (not “full stack” certified).

# Thank you

