Qualcomm Technologies, Inc. iUICC Demo

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Agenda

1 Path to iUICC

2 iUICC Hardware Architecture

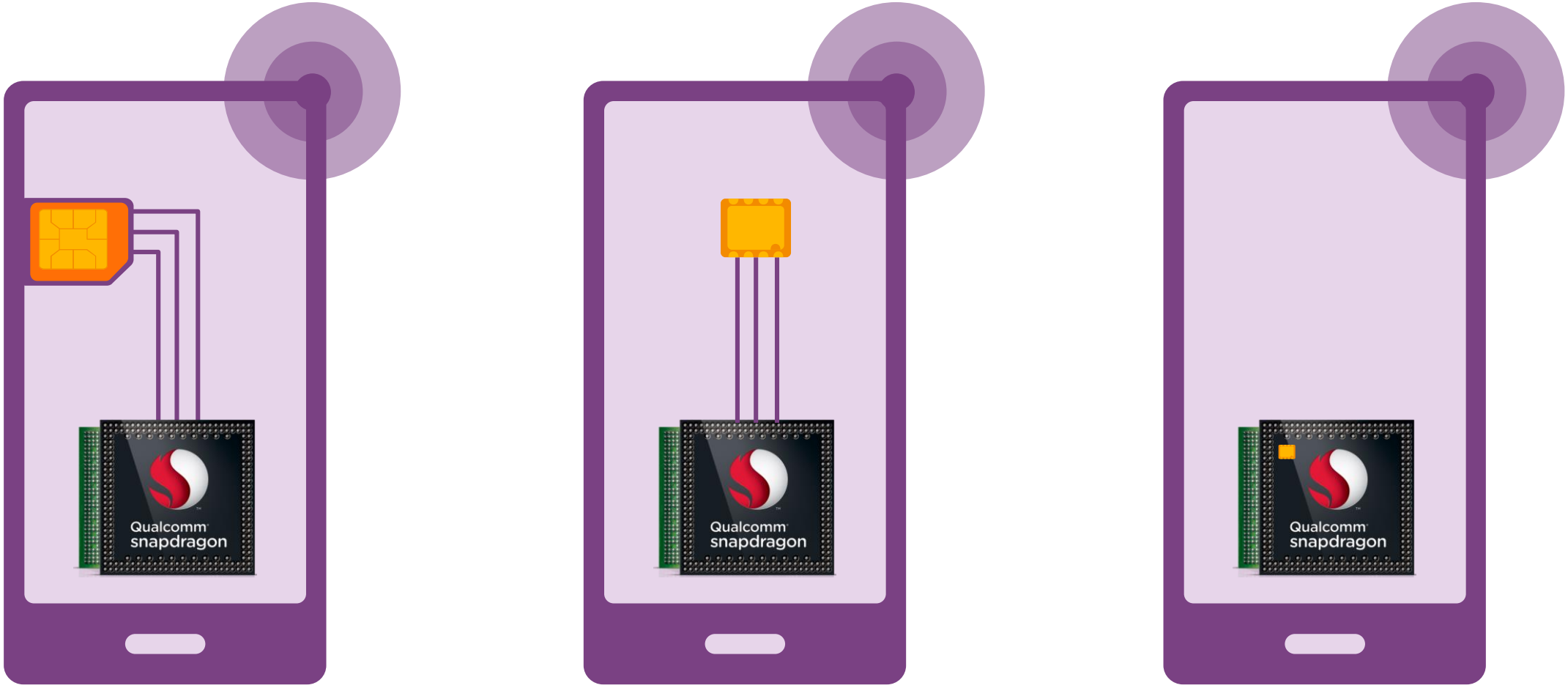
3 iUICC Software Architecture

4 iUICC Demo Setup

5 Demo

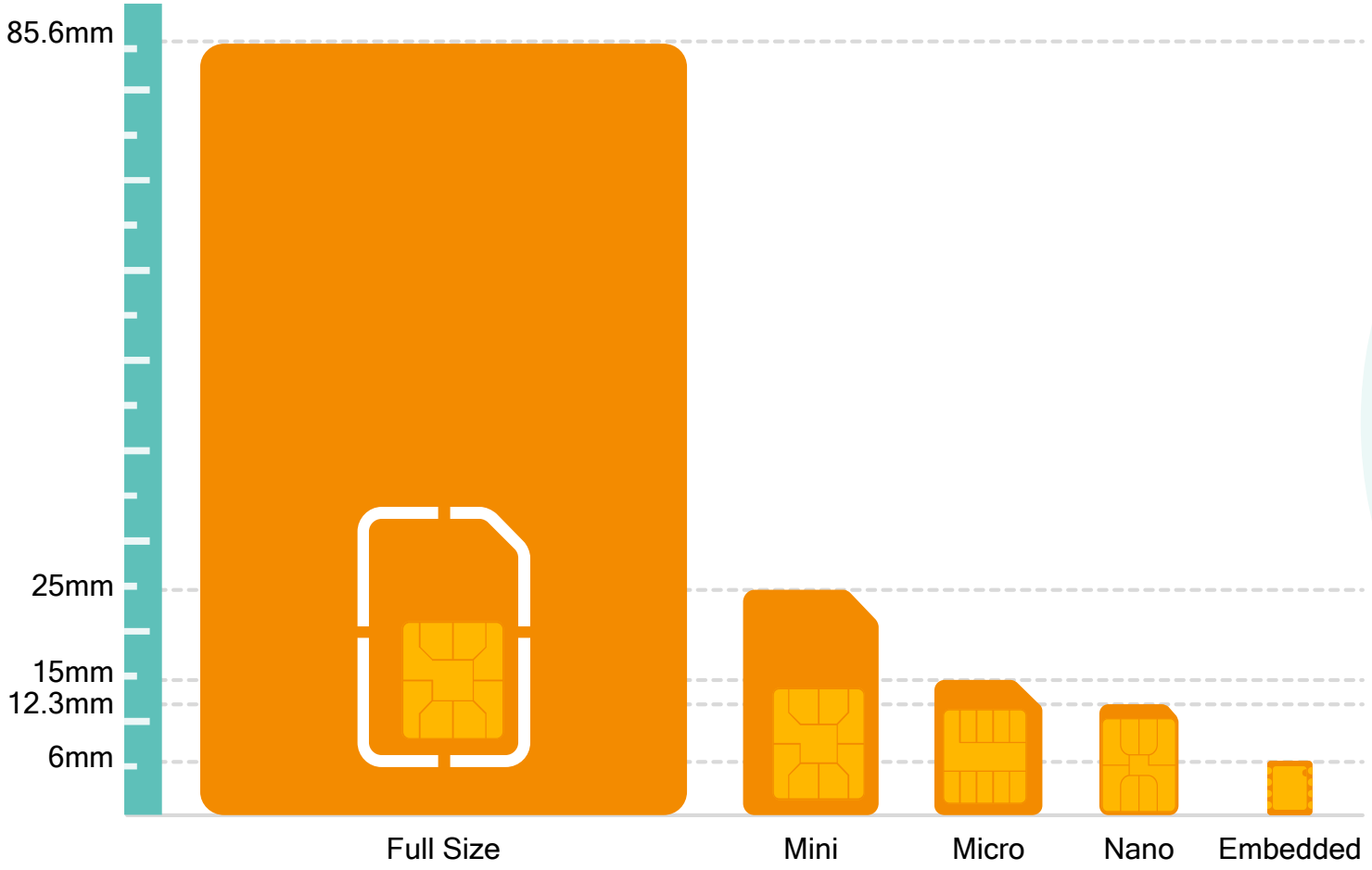
6 Q&A

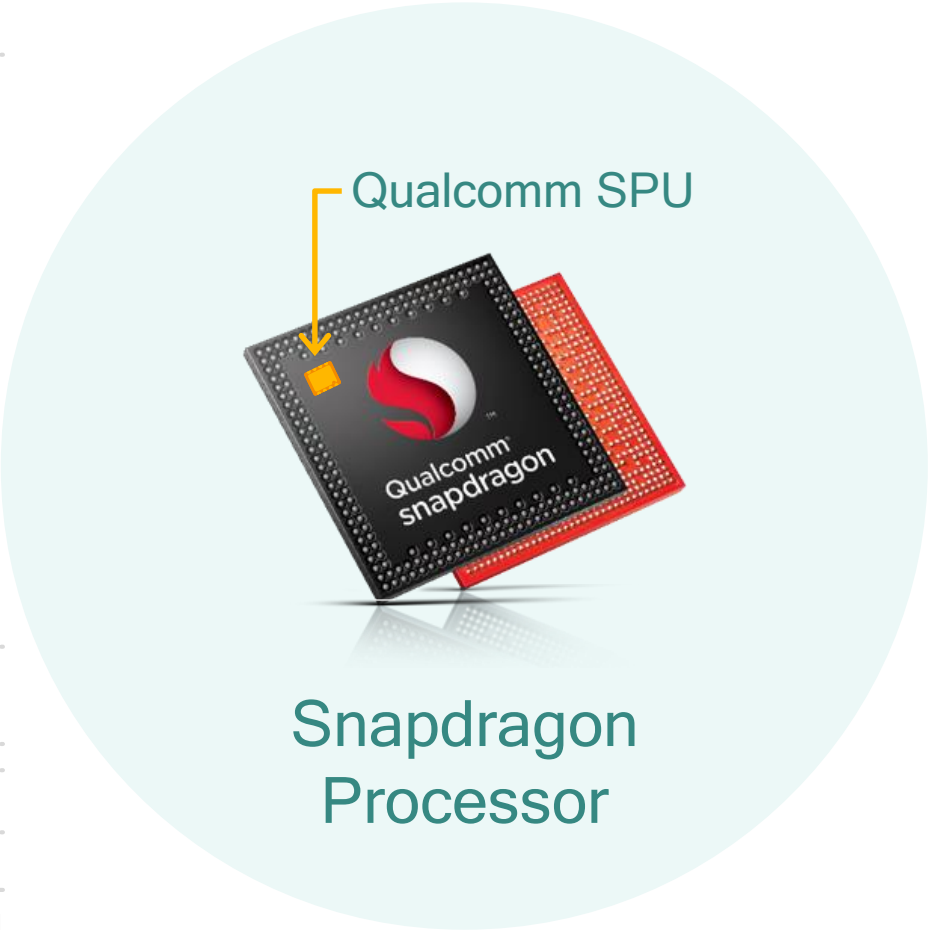
Path to iUICC



Qualcomm SOC not to scale

Size benefit of integrating the SIM card





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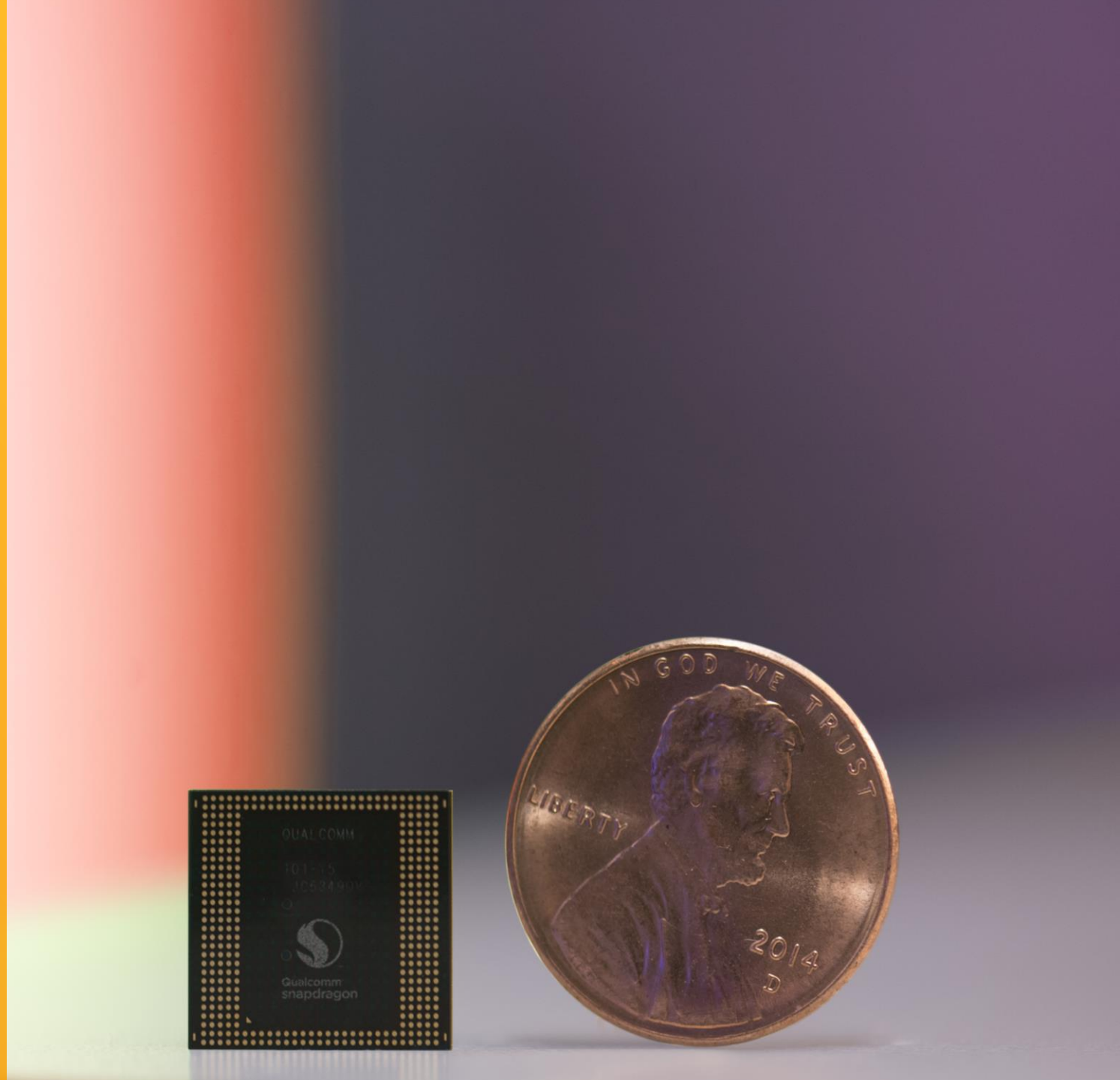
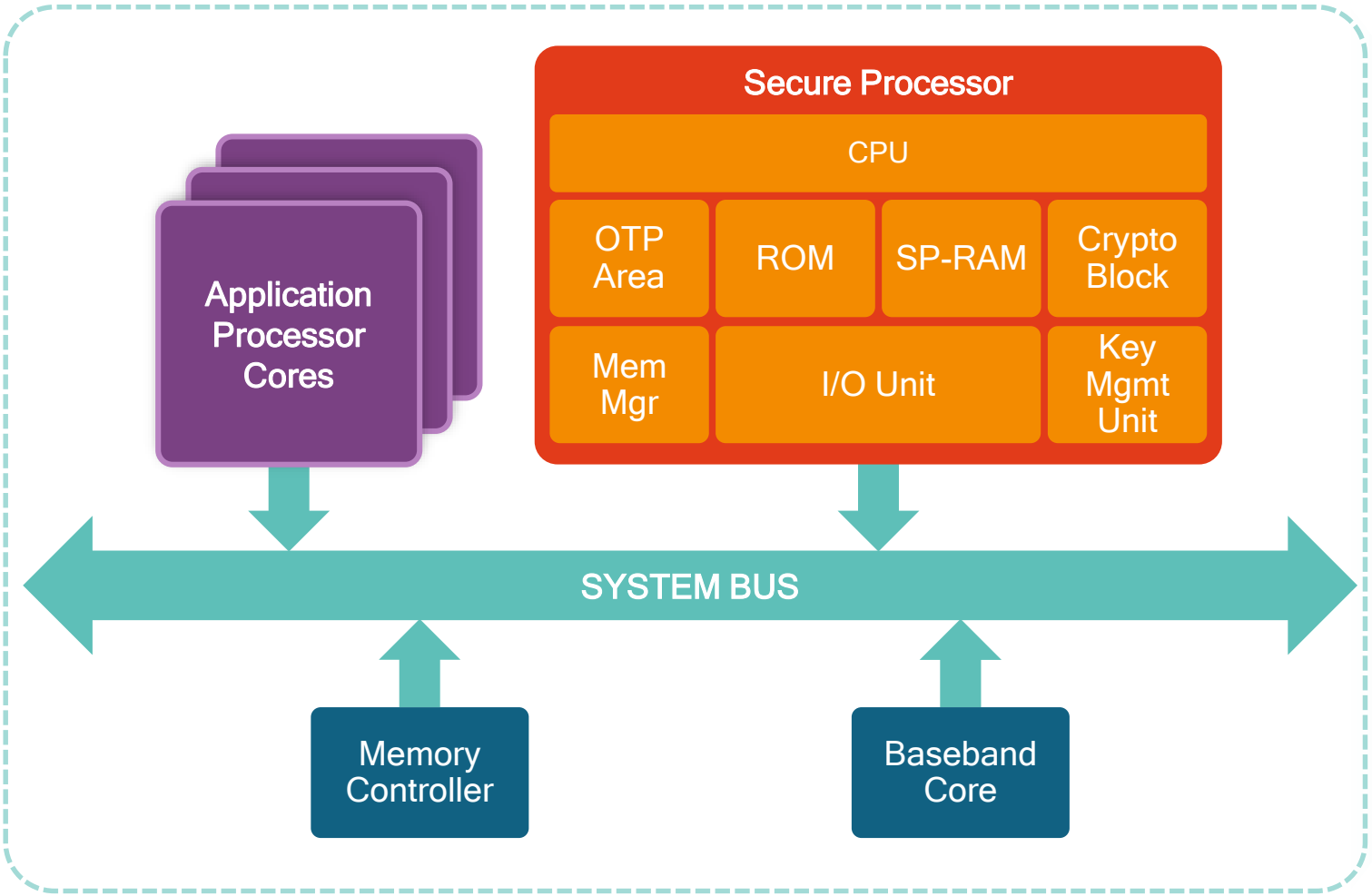
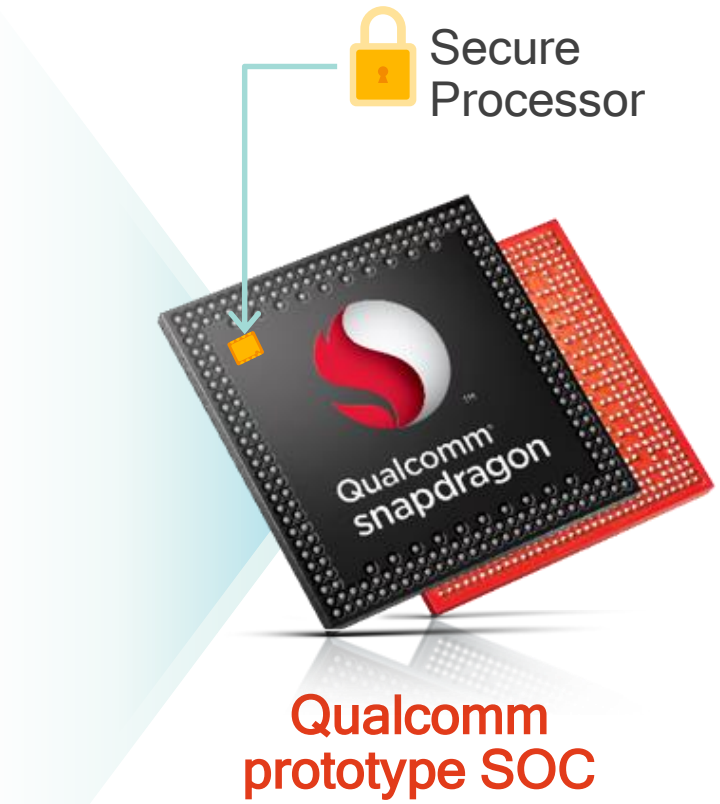
Snapdragon Processor



Hardware Architecture





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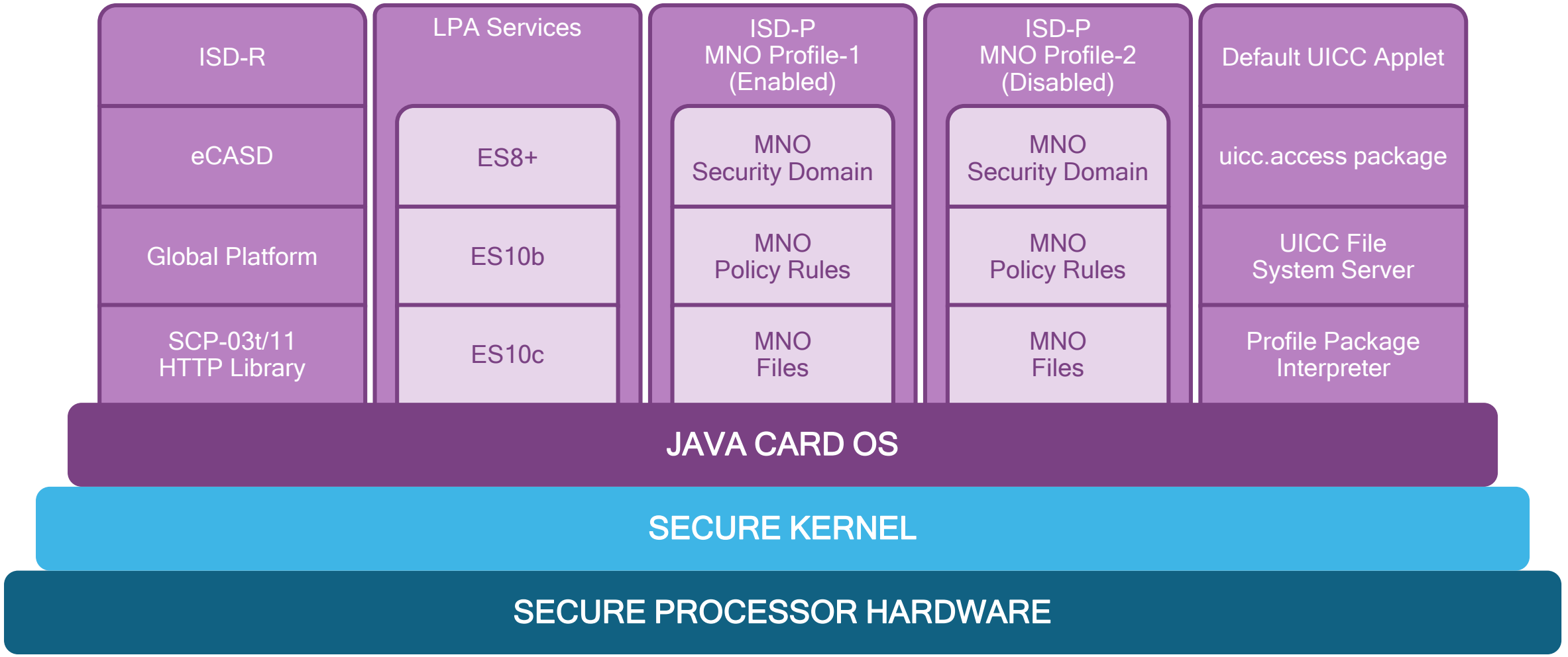
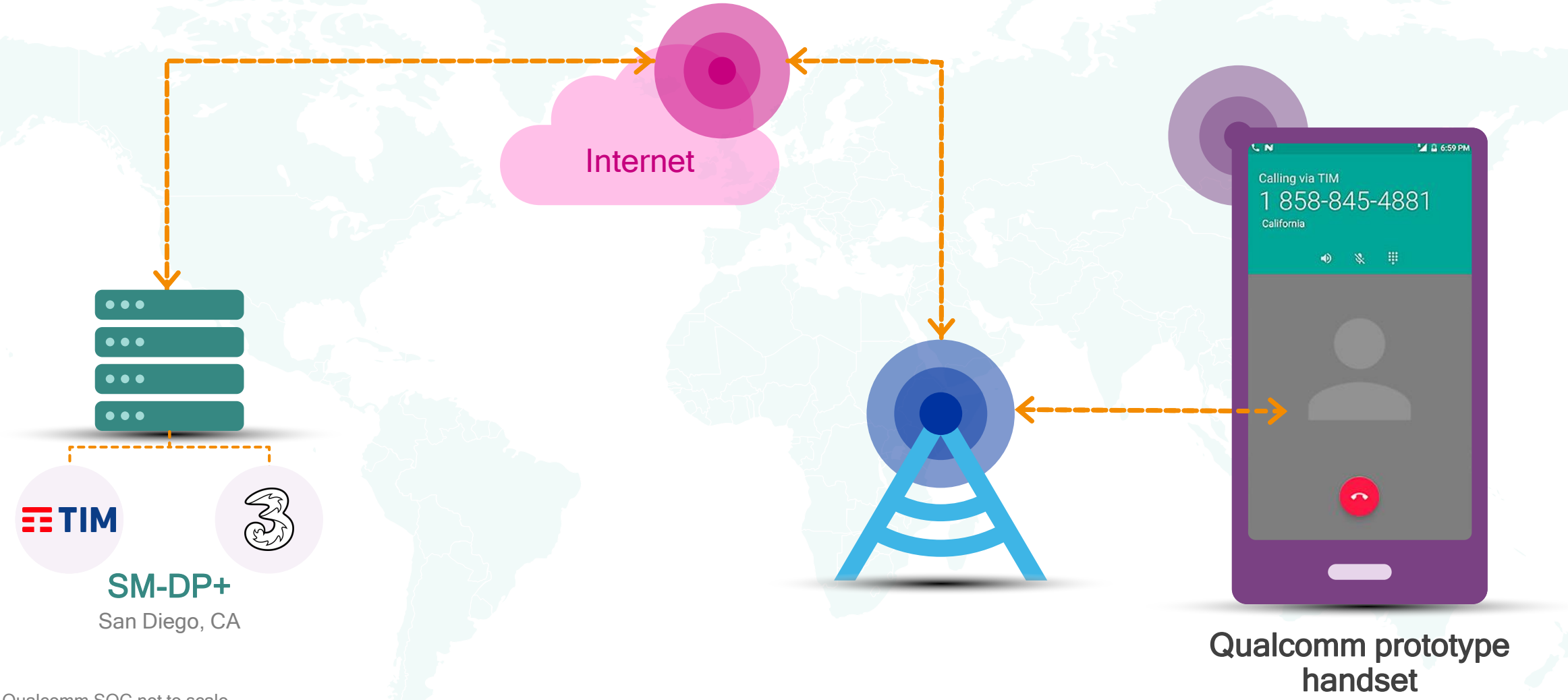
Software Architecture



iUICC Demo Setup



Qualcomm SOC not to scale

Demo

Q&A

Thank you

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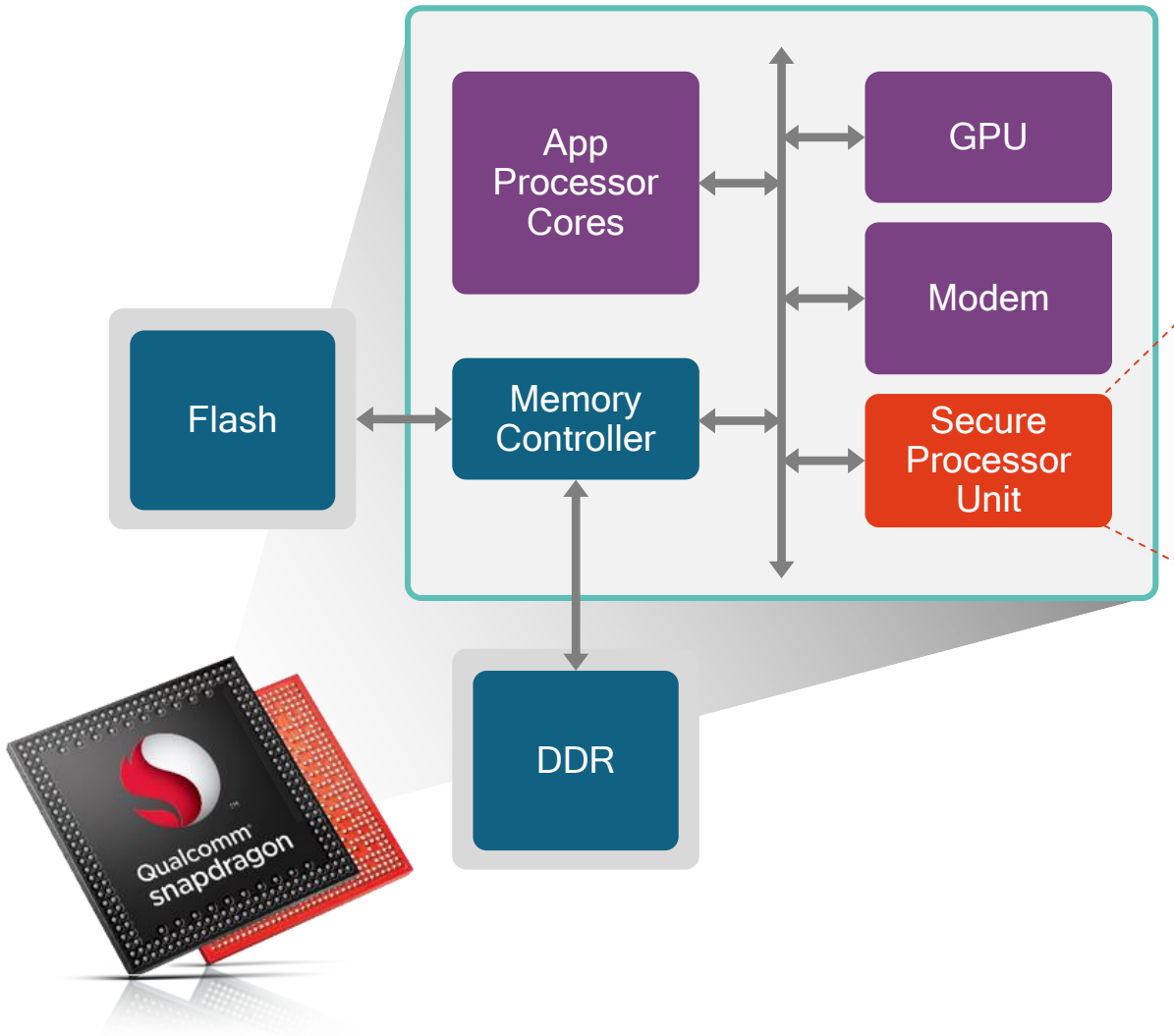
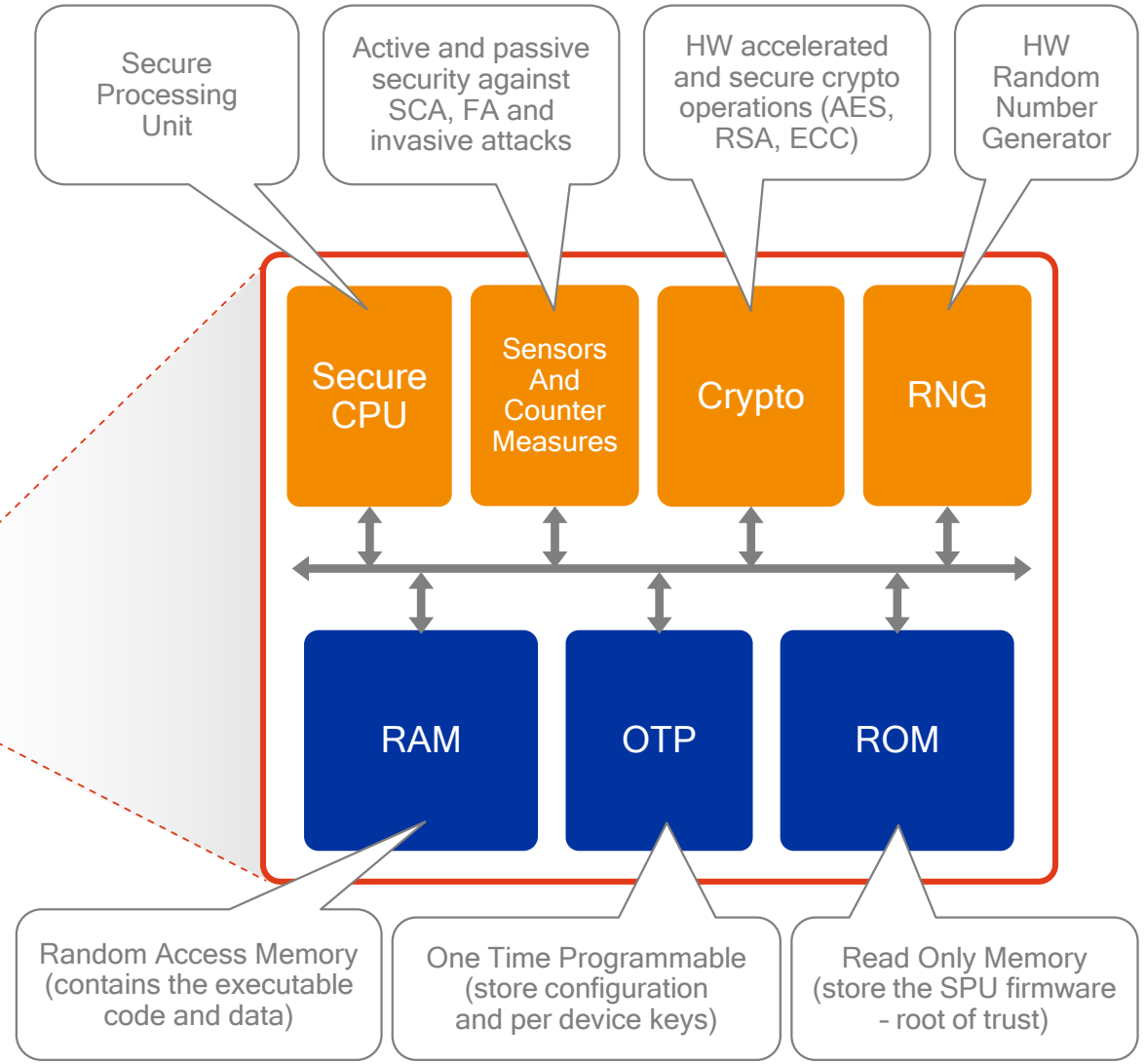
Additional Material

iUICC Security





iUICC Security

The **Secure Processor Unit** is equivalent to a discrete smartcard Secure IC except that it does not host Flash memory

Code and Data at rest are stored in the device Flash with a high level of security enforced by SPU:

- **Confidentiality** (AES-256 encryption)
- **Authenticity** (CMAC-AES-256)
- **Anti-Rollback** (version counter handle and stored in SPU)

Qualcomm® iUICC design is targeting EAL4+ certification according to PP084 (Secure IC Platform)