

C6-070253

Contact Information Manager Proposed solution overview

Source: Gemalto, G&D, Sagem-Orga, ST-Incard, Microelectronica

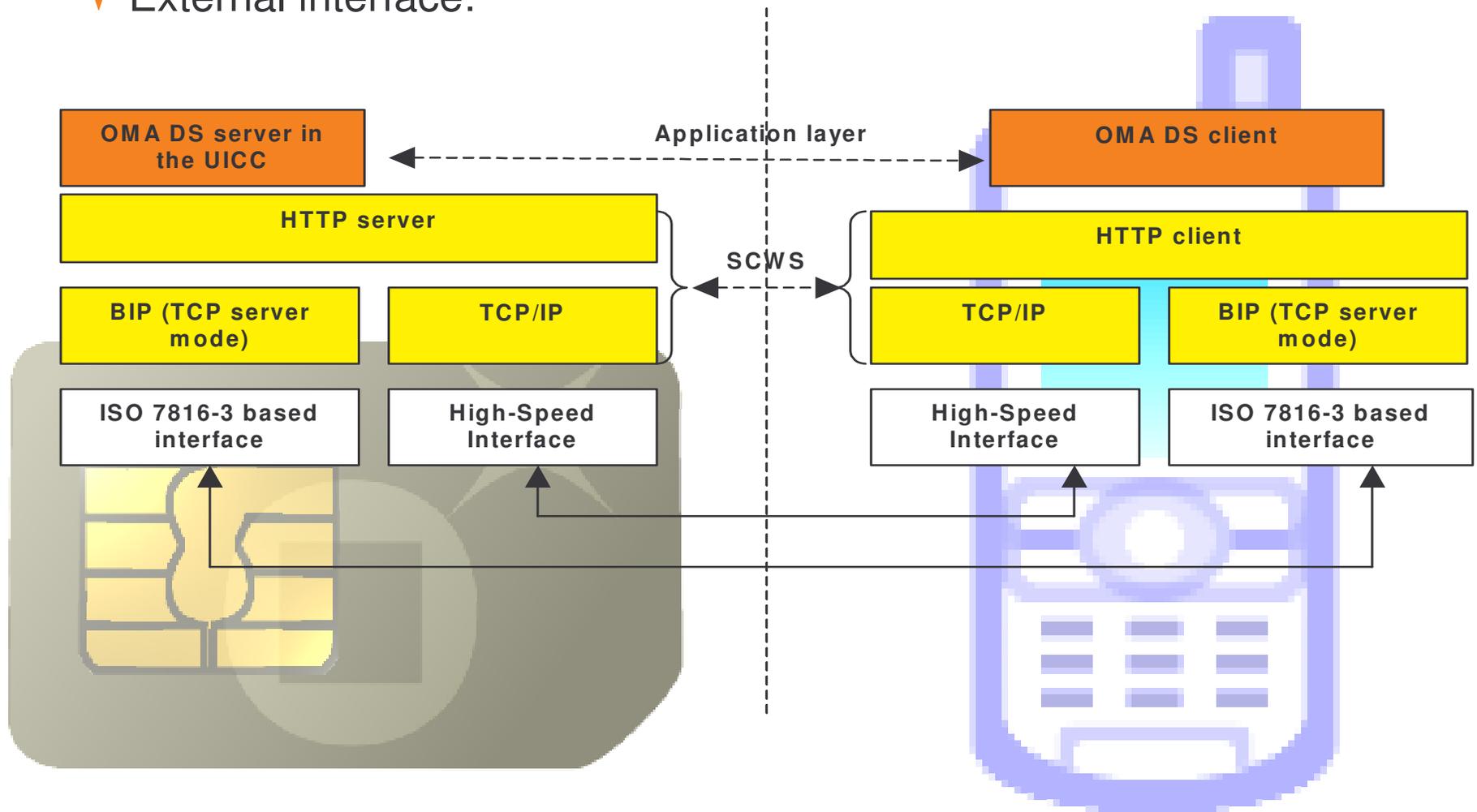
3GPP TSG-CT6 Meeting #43
Osaka, Japan, 8 – 11 May 2007

Agenda

- ✦ Architecture overview
- ✦ Advantages
- ✦ Work plan proposal

Architecture overview

✦ External interface:



✦ Internal interface: based on Java Card™ technology

Advantages

- ★ Satisfies Contact Information Manager requirements in TS 21.111
- ★ Builds on existing technologies (Smart Card Web Server, OMA DS, vCards, etc)
 - OMA DS Client / Server architecture allows remote & local synchronization
 - OMA DS technology is bearer agnostic: local synchronization can run on both ISO interface and the new high-speed interface
- ★ Unifies the handset user's phonebook
 - Handset Phone Book can be synchronized with both the UICC and the network servers.
 - Support both text and multimedia phonebooks
- ★ Reduces the cost of moving phonebook from one handset to another at point of sales.

Work plan proposal

- ✦ Adopt the OMA DS based solution
- ✦ Develop a new specification dedicated to the Contact Information Manager:
 - Define the requirements that enable an interoperable implementation of the UICC Contact Information Manager:
 - identify the required building blocks such as SCWS, OMA DS, Multimedia File system;
 - identify the required features such as filtering mechanisms, vCards profile, etc
 - Adapt the OMS DS triggering mechanisms to the UICC environment
 - Define new building blocks required to fulfill the remaining TS 21.111 requirements such as Group Management
 - Define internal Java Card™ API