Oracle Communications

Cartridge Feature Specification for Gemplus OTA (Over-The-Air Activation platform)

Vendor: *Gemplus*

Technology: *OTA*

Software Load / Interface Version: 2.6

Protocol: Java GCOTA API over CORBA

Rollback Supported: *Yes*

Complexity: *Medium*

NE Interface Specification: *GEMPLUS GemConnect OTA 2.6. Developing Client Applications Date: 1 September 2005*

NE Description: *The Gemplus network element provides USIM (Universal Subscriber Identity Module) /SIM (Subscriber Identity Module) and service tracking and management capability*

Host Element Definition:

- Supports multiple connections to the network element
- Configurable login credentials (Host IP Address, Port, Host User id, Host Password and Product Id)
- Configurable connection timeout
- Configurable read timeout (on responses from the NE)

Supported Atomic Actions

Atomic Action	Description
Add subscriber on the OTA	This service adds a subscriber account on the Gemplus OTA platform.
Create subscriber on the OTA	This service creates an active subscriber account on the Gemplus OTA platform.
Delete subscriber from the OTA	This service deletes a subscriber account from the Gemplus OTA platform.
Modify subscriber on the OTA	This service updates a subscriber account on the Gemplus OTA platform.
Activate subscriber on the OTA	This service activates a subscriber account on the Gemplus OTA platform.
Deactivate subscriber on the OTA	This service deactivates a subscriber account on the Gemplus OTA platform.
Query subscriber on the OTA	This service queries a subscriber account on the Gemplus OTA platform.
Add subscriber SIM card on the OTA	This service creates a subscriber SIM card on the Gemplus OTA platform.

Create subscriber SIM card on the OTA	This service creates an active subscriber SIM card on the Gemplus OTA platform.
Modify subscriber SIM card on the OTA.	This service updates a subscriber SIM card on the Gemplus OTA platform.
Activate subscriber SIM card on the OTA.	This service activates a subscriber SIMcard on the Gemplus OTA platform.
Deactivate subscriber SIM card on the OTA.	This service deactivates a subscriber SIM card on the Gemplus OTA platform.
Delete subscriber SIM card from the OTA.	This operation will find the card entry specified with the IMSI-MSISDN pair and will remove the record. Any security data associated with the card will also be removed.
Query subscriber SIM card on the OTA.	This service returns the status of the subscriber's SIM card.
Add MSISDN to SIM Card	This service assigns a MSISDN to a SIM Card on the Gemplus OTA platform.
Delete MSISDN from SIM Card	This service un-assigns a MSISDN from a SIM Card on the Gemplus OTA platform.
Delete SIM Card Security Data	This service removes the SIM Card Security data on the Gemplus OTA platform.

Cartridge Deliverables

Software:

- Atomic Actions (for testing purposes)
- Service Actions (for testing purposes)
- Action Processors
- Connection Handlers
- Installation script
- Sample Network Element Configuration
- Sample Work Orders

Documentation:

- Cartridge Guide: Containing descriptions of the following items:
    - Atomic Actions
    - Service Actions
    - Installation Procedures
    - Sample Network Element Configuration
- Cartridge Release Record: Indicating the software used during the certification process of the product.

Customer Acceptance of this Cartridge Feature Specification

Customer representative authorised to accept:
Signature:
Date: