

Oracle Communications ASAP Cartridge for Alcatel SMC

The *ASAP Cartridge for Alcatel's SMC (Switch Management Center)* is an optional software component that enables ASAP to activate subscriber related services on Alcatel's 1000 S12 MOD1500 Soft switch Network Element, as well as media gateway services on Commatch Duet 6002 Media Gateway Network Element via the SMC.

Supported Services

Subscriber Services

Service	Actions & Description
Subscriber	<ul style="list-style-type: none"> • Create a new subscriber • Delete an existing subscriber • Query an existing subscriber • Add or Delete announcement for a subscriber
Subscriber Supplementary Services	<ul style="list-style-type: none"> • Modify an existing subscriber by adding or deleting supplementary services as listed: <ul style="list-style-type: none"> ○ Admin/Subscriber Incoming/Outgoing ○ Call Barring ○ Personal Identification Number Admin ○ Selective Call Rejection/Acceptance ○ Selective Call Forward ○ Fixed Destination Call ○ Calling Line ID Presentation/Restriction ○ Connected Line ID Presentation Restriction ○ Carrier Selection ○ All Call Forwarding variations ○ 3-way-party services/conferencing ○ Caller Return ○ Call completion ○ Do-not-disturb ○ Alarm/Wakeup service ○ Anonymous caller reject ○ Credit Limit

Media Gateway Services

Service	Actions & Description
Media Gateway Services	<ul style="list-style-type: none"> • MTA Configuration Services • MTA Port Configuration Services

Generic Requirements

- Rollback for the above services is required

Cartridge Contents

The *ASAP Cartridge for the Alcatel SMC* includes:

- Common Service Description Layer Commands (CSDLs)
- Atomic Service Description Layer Commands (ASDLs)
- Java methods
- Installation scripts
- Sample work orders
- Cartridge manual

This cartridge can be extended by any of the following:

- Customers
- Systems Integrators
- Oracle Communications Professional Services

The *ASAP Cartridge Development Kit (CDK) for Service Activation* provides guidelines for extending a cartridge.

Technical Specifications

Hardware & Software Requirements

The *ASAP Cartridge for the Alcatel SMC* is designed to operate with the following hardware and software:

- Alcatel SMC R3.2.2M-15E
- Alcatel S12 MOD 1572F
- Commatch Duet MGW v6.4

Network Element Interface

- The ASAP cartridge interfaces with the Alcatel SMC via a TCP/IP Telnet connection oriented sockets interface.
- This interface uses a proprietary message format using ASCII text encoding.
- The interface is asynchronous.
- Multiple sessions are used with different sessions used for requests and other sessions used for responses.