



Mobility Application Server FMC and MVNO Support

Specifications

Solution Capability

Call Continuity Control Function	Seamless handover of active calls between Wi-Fi and Mobile network
Network Domain Selection	Intelligently route incoming calls over Wi-Fi or Mobile based on network availability and user preference
Unified Wi-Fi and Mobile telephone number	
Supports separate Wi-Fi and Mobile telephone numbers	
Dual Attachment	Simultaneous connection to Wi-Fi and Mobile network
Mobile network call termination	
Fixed network call termination	
Make outbound call in both Wi-Fi and Mobile network	
Receive incoming call in both Wi-Fi and Mobile network	
Caller ID presentation and restriction in both Wi-Fi and mobile network	
Call waiting in both Wi-Fi network and mobile network	
Call Forwarding in both Wi-Fi and mobile network	
3 Party Call in both Wi-Fi and Mobile network	
Receive SMS based message waiting indication while in Wi-Fi network	
Receive and send SMS messages over Wi-Fi network	

Receive and send SMS messages over Wi-Fi network

Packet Network: SIP with Wi-Fi or other access
Circuit switched Network: GSM/UMTS; CDMA

Interfaces

SIPv2
GSM MAP
IS-41 MAP
SIP/SIP-T to SoftSwitch
SS7 A/F link over E1/T1
SIGTRAN (M3UA)
3GPP IMS: Isc (SIP), Ma (SIP), Sh (Diameter), Rf
MEGACO (H.248)

Technical Specification

ARRIS Mobility Application Server FMC and MVNO Support

Specifications Continued

MAS/VCC Logical Components

CS-P	NEBS compliant chassis for call processing and Call Continuity Control Function logic execution
SG	Signaling gateway terminates the SS7 link and converts to SIGTRAN
SLR	Implements Network Domain Selection function. GMSC, HLR and VLR capability.
PSC	CDR collection and processing server
SAM	Provisioning tool for subscriber management
OMC-S	Network management tool

Standards

UL® 60950, FCC Part 15 Class A, CE

NEBS Level 3

IMS Release 7, PacketCable 2.0

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