

## Network Elements and Equipment for GMI 2008

<b>Management</b>	
Auto Config Server / Remote Configuration Management Server	ACS / RCMS
Performance Management System	PMS
Fault Management System	FMS

<b>Applications</b>	
IPTV Application Server (incl IPTV-AS, IPTV-PS, CP, SSF, SDF)	AS-IPTV
Parlay Application Server	Parlay AS
Parlay/Parlay-X Gateway/SOA Gateway	
Parlay-X Application Server	Parlay-X AS
Presence Server	PS + PNA
Service Broker/SCIM	SB/SCIM
Service Control Point	SCP
SIP Application Server	SIP-AS

<b>Common Resources</b>	
Domain Name Server	DNS
Home Subscriber Server	HSS
Intelligent Networking - Service Selection Function	IN-SSF
Media Resource Broker	MRB
Offline Charging System	OFCS
Video Media Server (incl. SS-MCF, SS-MDF)	VMS-IPTV
Subscriber Location Server	SLS or SLF
Telephone Number Mapping Server	ENUM Server
User Profile Server Function-IPTV	UPSF-IPTV

<b>MSF R4 Core Session Control</b>	
Access Gateway Controller	AGC
Call Agent	CA
Non-SIP Session Control	
Signalling Session Border Gateway - Network Edge	S-SBG-NE

<b>IMS Core</b>	
Border Gateway Controller + Transit Routing Control	BGC+TRC or BGCF+TF
Interrogating - Call and Session Control	I-CSC or I-CSCF
Media Resource Function Controller	MRFC
Media Gateway Controller	MGC or MGCF
Proxy - Call and Session Control	P-CSC or P-CSCF
Serving - Call and Session Control	S-CSC or S-CSCF

<b>Transport Control</b>	
Policy and Charging Rules Server (3GPP/3GPP2)	PCRS
Policy and Charging Rules Server w/ WiMAX Extension	PCRS
Session Policy Decision Server	SPDS

<b>Transport Processing</b>	
Core Transport Network	
Data-Session Border Gateway - Network Edge/Core Border Gateway	D-SBG-NE/C-BGw
Data-Session Border Gateway-Network Core/Interconnect Border Gateway	D-SBG-NC/I-BGw
Multimedia Resource Function Processor	MRFP
Video Headend	VH-IPTV
Router capable of supporting IGMP V3 / Multicast Transport Function	RTR-IPTV / MTF

<b>Peering Network</b>	
IMS Domain	
ISDN User Part Trusted Domain	ISUP Trusted Domain
MSF R2/R3/R4 Domain	
Non-ISDN User Part Trusted Domain	Non-ISUP Trusted Domain
Public Switched Telephone Network	PSTN

<b>Inter-Connect</b>	
Signaling Gateway	SGW
Signaling Session Border Gateway - Network Core + Interconnect Border Core	S-SBG-NC+ IBC
Trunking Gateway	TGW

<b>Customer Premise Equipment</b>	
IMS UE ((3GPP/3GPP2/WiMAX/Broadband)	IMS UE
Delivery Network Gateway	DNG
Baseband Phone	POTS
DSL Router	DSL
IPTV STB (non-IMS)	IPTV-STB-NI
IPTV STB (IMS)	IPTV-STB-I
ITF (IPTV Terminal Function)	ITF
TR-069 Client	TR-069
Non IMS UE	Basic UE
PC with soft client ( IMS)	IMS UE-SC
PC with soft client (non IMS)	Basic UE-SC
Residential Gateway	RGW

<b>3GPP Access Tile</b>	
Gateway GPRS Node	GGSN
Node B	NodeB
Radio Access Network or Emulator	RAN
Radio Network Controller	RNC
Serving GPRS Support Node	SGSN

<b>Broadband Access Tile</b>	
Access Location Server	ALS
DHCP Server	DHCP Server
Router supporting DHCP Relay	Router
Authentication, Authorization, and Accounting Server	AAA Server
BRAS (Preferred Ethernet Backhaul and TR-101 Conformant)	BRAS
Access-Resource Admission Control Server	A-RACS
DSLAM (Preferred Ethernet Backhaul and TR-101 Conformant)	DSLAM

<b>WiMAX Access Tile</b>	
Access Service Network Gateway	ASN GW
Home Agent	HA
WiMAX Authentication, Authorization, and Accounting Server	AAA Server
WiMAX Base Station	WiMAX BS

<b>3GPP2 Access Tile</b>	
Base Transceiver Station	BTS
Radio Network Controller	RNC
Radio Access Network or Emulator	RAN
Packet Data Serving Node	PDSN
Authentication, Authorization, and Accounting Server	AAA