

# Metaswitch

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### About Metaswitch

Metaswitch is the world's leading network software provider, powering the transition of communication networks into a cloud-based, software-centric, all-IP future. They serve more than 1,000 network operators and suppliers around the world.

#### Important:



We changed the Gigaset software to support the long provisioning URL used by the Metaswitch platform. This change is made in N510 software 239 or higher and N720 software 100 or higher. This means that the devices need to be updated first via the device web-interface to this software version. Gigaset will change the production software to this newer version, expected end 2016.



The N720 firmware update via auto-provisioning (EPP) is not available. The firmware update in a multi-cell solution needs to be monitored by a technician in case of failure. Unsupervised upgrades can cause unacceptable outage in fail cases. Technician monitoring the upgrade can easily take actions in these situations to get the system up and running, therefore on-site firmware updates are preferred by Gigaset. We also advise only to upgrade the N720 system when advised by Gigaset, the software below is tested with the Metaswitch platform and upgrades just to upgrade is not recommended.

For the N510 we support the Firmware update via EPP.

The IOT is done using the Metaswitch test plan, see also the Metaswitch [interop database](#) for more information.

Feature	N610 / N670 / N870	Maxwell Basic / 2 / 3	N510 IP PRO
	2.52.0	2.24.12	239
Official Metaswitch certification	<a href="https://community.metaswitch.com/support/solutions/articles/76000060522-certified-gigaset-n870-endpoint-pack">https://community.metaswitch.com/support/solutions/articles/76000060522-certified-gigaset-n870-endpoint-pack</a>		
Basic Call Functionality	Yes	Yes	Yes
3-way Calling (Conference)	Yes	Yes	Yes
3-way Consultative Call Transfer	N.A.	-	Yes
Announcement Before Billing		Yes	Yes
Attended Call Transfer (no 3-way period)	Yes	Yes	Yes
Automatic Callback	Yes	Yes	Yes
Basic Call Park and Retrieval	Yes	Yes	Yes
Blind Call Transfer	Yes	Yes	N.A.

Bulk Provisioning Using DHCP Option 66	DHCP option 114	DHCP option 114	DHCP option 114	
Busy Lamp Field	N.A.	Yes	N.A.	
Busy Lamp Field Pickup	N.A.	Yes	N.A.	
Call Forwarding	Partially Supported	Yes	Yes	
Call Jump	-	Yes	Yes	
Call Waiting	Yes	Yes		
Calling Name Display	Yes	Yes	Yes	
Calling Number Display	Yes	Yes	Yes	
Cancel Call Waiting	Partially Supported	Partially Supported	Partially Supported	
Digit Map Programming	-	-	-	
Distinctive Ringing - Priority Calling	Yes	Yes	-	
DSCP		Yes	-	
Encrypted Signaling and Media (TLS/SRTP)	Yes	-	-	
Encrypted Signaling and Media (TLS/SRTP) - Long Duration Calls	Yes	-	-	
Endpoint Voicemail - Basic Functionality	Yes	Yes	Yes	
Endpoint Voicemail - Visual Message Waiting Indicator	Yes	Yes	Yes	
Enhanced Call Park	-	-	-	
Enhanced Park Orbit Monitoring	-	-	-	
Enhanced Parked Call Retrieval	-	-	-	
Fault Tolerance and disconnection (Single Interface Devices)	Yes	Yes	Yes	
G.711 Codec	Yes	Yes	Yes	
G.722 Codec	Yes	Yes		
G.726-32 Codec	-	Yes		
G.729 Codec	Yes	Yes		
Geographic Redundancy Support	Yes	Yes	Yes	
Hot Line	-	-	-	
Integrated DND	-	-	-	
Metaswitch ESA support			-	
Metaswitch Provisioning server - Endpoint Packs		Partially Supported	Yes	
Multiparty Video Calls	-	-	N.A.	
Multiple Line Hunt Groups	Yes	Yes	Yes	
NTP	Yes	Yes	Yes	
On-device media mixing for multi-party calls		Yes	Yes	
Originating Group Paging Calls	-	-	-	
Originating Intercom Calls	-	-	-	
Originating Push-to-Talk Calls	-	-	-	
Receiving Group Paging Calls	-	-		
Receiving Intercom Calls	-	-		
Receiving Push-to-Talk Calls	-	-		
RFC2833 (Out Of Band) DTMF Transmission	Yes	Yes	Yes	
Shared Line Appearance	-	-	-	

Shared Line Appearance Private Call Hold	-	-	-	
Silence Suppression with comfort noise	-	-	-	
Silence Suppression without comfort noise	-	-	-	
Simple Star Code Services	Yes	Yes	Yes	
SIP Call Forking	-	Yes	-	
Support for MetaSphere Call Feature Server Protection Switch		Yes	Yes	
Support for Metaswitch Perimeta Software Protection Switch		Yes	Yes	
TCP Communication	Yes	Yes	Yes	
Video Codecs	-	-	N.A.	
VoIP Voice Quality Monitoring - RTCP	Yes	Yes	-	
Provisioning: endpoint pack	<a href="#">Click to download</a>	Yes	Yes	