






# Broadsoft test results

Broadsoft Feature	N510	N720	N870	Maxwell 10	Maxwell 3/B	Comment
	 N510 IP	 N720 IP	 N870 IP	 Maxwell 10	 Maxwell 3	
Software version Gigaset	238	105	2.5.0	2.2.128	2.11.8	
<b>Basic</b>						
Call Origination	(successful)	(successful)	(successful)	(successful)	(successful)	
Call Termination	(successful)	(successful)	(successful)	(successful)	(successful)	
Session Audit	(successful)	(successful)	(successful)	(successful)	(successful)	For Maxwell 3/B use Software 2.15.9 or higher
Session Timer	—	—	(successful)	(successful)	(successful)	
Ringback	(successful)	(successful)	(successful)	(successful)	(successful)	
Forked Dialog	(successful)	(successful)	(successful)	(successful)	(successful)	
181 Call Being Forwarded	(successful)	(successful)	(successful)	(successful)	(successful)	
Dial Plan	(successful)	(successful)	(successful)	(successful)	(successful)	
DTMF – Inband	(successful)	(successful)	(successful)	(successful)	(successful)	
DTMF – RFC 2833	(successful)	(successful)	(successful)	(successful)	(successful)	
DTMF – DTMF Relay	(successful)	(successful)	(successful)	(successful)	(successful)	
Codec Negotiation	(successful)	(successful)	(successful)	(successful)	(successful)	
Codec Renegotiation	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>BroadWorks Services</b>						
Third-Party Call Control – Basic	(successful)	(successful)	(successful)	(successful)	(successful)	
Third-Party Call Control – Advanced	—	—	—	—	—	
Voice Message Deposit/Retrieval	(successful)	(successful)	(successful)	(successful)	(successful)	
Message Waiting Indicator – Unsolicited	—	—	(successful)	(successful)	(successful)	
Message Waiting Indicator – Solicited	(successful)	(successful)	(successful)	(successful)	(successful)	
Message Waiting Indicator – Detail	(successful) Except saved and urgent information.	(successful) Except saved and urgent information.	—	(successful)	(successful) Except saved and urgent information.	
Voice Portal Outcall	(successful)	(successful)	(successful)	(successful)	(successful)	
Advanced Alerting – Ringing	—	—	—	(successful)	(successful)	

Advanced Alerting – Call Waiting	—	—	—	—	—	
<b>Test Plan Package</b>						
Advanced Alerting – Ring Splash	—	—	—	—	(successful)	
Advanced Alerting – Silent Alerting	—	—	—	—	—	
Calling Line ID	(successful)	(successful)	(successful)	(successful)	(successful)	
Calling Line ID with Unicode Characters	(successful)	(successful)	(successful)	(successful)	(successful)	
Connected Line ID	—	—	(successful)	(successful)	(successful)	
Connected Line ID with Unicode Characters	—	—	(successful)	(successful)	(successful)	
Connected Line ID on UPDATE	—	—	(successful)	(successful)	—	
Connected Line ID on Re-INVITE	—	—	(successful)	(successful)	(successful)	
Diversion Header	(successful)	(successful)	(successful)	(successful)	(successful)	
History-Info Header	(successful)	(successful)	(successful)	(successful)	(successful)	
Advice of Charge	—	—	—	—	—	
Meet-Me Conferencing	(successful)	(successful)	(successful)	(successful)	(successful)	
Meet-Me Conferencing – G722	(successful)	(successful)	(successful)	(successful)	(successful)	
Meet-Me Conferencing – AMR-WB	—	—	—	(successful)	—	
Meet-Me Conferencing – Opus	—	—	—	—	—	
Collaborate – Audio	(successful)	(successful)	(successful)	(successful)	(successful)	
Collaborate – Audio – G722	(successful)	(successful)	(successful)	(successful)	(successful)	
Collaborate – Audio – Opus	—	—	—	—	—	
Call Decline Policy	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>DUT Services – Call Control Services</b>						
Call Waiting	(successful)	(successful)	(successful)	(successful)	(successful)	
Call Hold	(successful)	(successful)	(successful)	(successful)	(successful)	
Call Transfer	(successful) Except Blind Transfer.	(successful) Except Blind Transfer.	(successful)	(successful) Except Blind Transfer.	(successful) Except Blind Transfer.	
Three-Way Calling	(successful) Except Blind Transfer.	—	—	(successful) Except before answer.	(successful) Except before answer.	N720 Does not support conference call
Network-Based Conference	—	—	—	—	—	
<b>DUT Services – Registration and Authentication</b>						
Register Authentication	(successful)	(successful)	(successful)	(successful)	(successful)	

Maximum Registration	(successful)	(successful)	(successful)	(successful)	(successful)	
Minimum Registration	(successful)	(successful)	(successful)	(successful)	(successful)	
Invite Authentication	(successful)	(successful)	(successful)	(successful)	(successful)	
Re-Invite/Update Authentication	(successful)	(successful)	(successful)	(successful)	(successful)	
Refer Authentication	(successful)	(successful)	(successful)	(successful)	(successful)	
Device Authenticating BroadWorks	—	—	—	—	—	
<b>DUT Services – Emergency Call</b>					<b>(failed)</b>	
<b>DUT Services – PAccess- Network-Info Header</b>					<b>(failed)</b>	
<b>DUT Services – Miscellaneous</b>						
Do Not Disturb	—	—	—	(successful)	(successful)	
Call Forwarding Always	(successful)	(successful)	(successful)	(successful)	—	Maxwell Call Forward is disabled will be in 2.17 using FKS
Call Forwarding Always Diversion Inhibitor	—	—	—	—	—	
Anonymous Call	—	—	(successful)	(successful)	—	
Anonymous Call Block	—	—	—	—	(successful)	For Maxwell 10 use Software 2.5.33.1
Remote Restart Via Notify	—	—	—	—	(successful)	For Maxwell 3/B use Software 2.15.9
<b>Advanced Phone Services – Busy Lamp Field</b>						
Busy Lamp Field	—	—	—	(successful) Does not support below features: BLF Modify Monitored User List with Unicode. BLF NOTIFY of User Busy, Multi-Dialog. BLF NOTIFY of Terminating User Busy: Directed Call Pickup.	(successful) Only user busy and user idle display.	
Call Park Notification	—	—	—	—	—	
<b>Advanced Phone Services – Feature Key Synchronization, Private Line</b>					<b>(failed)</b>	
<b>Advanced Phone Services – Feature Key Synchronization, Shared Line</b>					<b>(failed)</b>	
<b>Advanced Phone Services – Missed Calls Display Synchronization</b>					<b>(failed)</b>	
<b>Advanced Phone Services – Shared</b>					<b>(failed)</b>	
<b>Call Appearance using Call Info</b>					<b>(failed)</b>	
<b>Advanced Phone Services – Call Park Notification</b>					<b>(failed)</b>	
<b>Advanced Phone Services – Call Center</b>					<b>(failed)</b>	

<b>Advanced Phone Services – Call Recording Controls</b>						<b>(failed)</b>	
<b>Advanced Phone Services – Call Recording Video</b>						<b>(failed)</b>	
<b>Advanced Phone Services – Security Classification</b>						<b>(failed)</b>	
<b>Advanced Phone Services – Conference Event</b>						<b>(failed)</b>	
<b>Redundancy</b>							
DNS SRV Lookup	(successful)	(successful)	(successful)	(successful)	(successful)	(successful)	
Register Failover /Failback	(successful)	(successful)	(successful)	(successful) Does not support Register Failback.	— Except Failover which takes 32 seconds.		
Invite Failover /Failback	— Except Failover which takes 32 seconds.	—	—	—	—		
Bye Failover	— Except Failover which takes 32 seconds.	—	—	—	—		
Register	(successful)	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>SBC/ALG - Basic</b>							
Outgoing Invite	(successful)	(successful)	(successful)	(successful)	(successful)	(successful)	
Incoming Invite	(successful)	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>SBC/ALG – Failover/Failback</b>							
Register Failover /Failback	(successful)	(successful)	(successful)	—	— Except Failover which takes 32 seconds.		
Invite Failover /Failback	— Except Failover which takes 32 seconds	—	—	—	—		
<b>Video – Basic Video Calls</b>							
Call Origination	—	—	—	(successful)	—		
Call Termination	—	—	—	(successful)	—		
Call Hold	—	—	—	(successful)	—		
Call Waiting	—	—	—	(successful)	—		
Call Transfer	—	—	—	(successful)	—		
<b>Video – BroadWorks Video Services</b>							
Auto Attendant	—	—	—	(successful)	—		
Auto Attendant – HD	—	—	—	—	—		
Voice Messaging	—	—	—	(successful)	—		
Voice Messaging – HD	—	—	—	—	—		
Custom Ringback	—	—	—	—	—		
<b>Video – BroadWorks Video Conference</b>						<b>(failed)</b>	
<b>Video – BroadWorks WebRTC Client</b>						<b>(failed)</b>	
<b>TCP</b>							
Register	(successful)	(successful)	(successful)	(successful)	(successful)	(successful)	
Outgoing Invite	(successful)	(successful)	(successful)	(successful)	(successful)	(successful)	
Incoming Invite	(successful)	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>IPV6</b>							

Call Origination	—	—	—	(successful)	—	
Call Termination	—	—	—	(successful)	—	
Session Audit	—	—	—	(successful)	—	
Ringback	—	—	—	(successful)	—	
Codec Negotiation /Renegotiation	—	—	—	(successful)	—	
Voice Message Deposit/Retrieval	—	—	—	(successful)	—	
Call Control	—	—	—	(successful)	—	
Registration with Authentication	—	—	—	(successful)	—	
Busy Lamp Field	—	—	—	(successful)	—	
Redundancy	—	—	—	—	—	
SBC	—	—	—	(successful)	—	
Video	—	—	—	(successful)	—	
Dual Stack with Alternate Connectivity	—	—	—	—	—	

**BroadWorks Xtended Services Interface (Xsi) and BroadCloud IM&P Support Table**

**Xsi Features – Authentication**

Authenticate with SIP Credentials	—	—	Software 2.12	(successful)	—	
Authenticate with BroadWorks User Login Credentials	—	—	Software 2.12	(successful)	—	
Authenticate with BroadWorks User Directory Number	—	—	—	—	—	

**Xsi Features – User Service Configuration**

Remote Office	—	—	—	—	—	
BroadWorks Anywhere	—	—	—	—	—	
Simultaneous Ringing	—	—	—	—	—	
Caller ID Blocking	—	—	—	—	—	
Call Forwarding Always	—	—	Software 2.12	(successful)	—	
Call Forwarding Busy	—	—	Software 2.12	(successful)	—	
Call Forwarding No Answer	—	—	Software 2.12	(successful)	—	
Do Not Disturb	—	—	Software 2.12	(successful)	—	

**Xsi Features – Directories**

Enterprise Directory	SW 243 or higher	—	Software 2.12	—	—	
Enterprise Common Phone List	SW 243 or higher	—	Software 2.12	—	—	
Group Directory	SW 243 or higher	—	Software 2.12	(successful)	—	
Group Common Phone List	SW 243 or higher	—	Software 2.12	(successful)	—	

Personal Phone List	SW 243 or higher	—	Software 2.12	(successful)	—	
Search All Directories		—	Software 2.12	—	—	
<b>Xsi Features – Call Logs</b>						
Placed Calls	—	—	—	(successful)	—	
Received Calls	—	—	—	(successful)	—	
Missed Calls	—	—	—	(successful)	—	
All Calls	—	—	—	(successful)	—	
<b>Xsi Features – Visual Voice Mail</b>					<b>(failed)</b>	
<b>XMPP Features – Contact/Buddy List</b>					<b>(failed)</b>	
<b>XMPP Features – Presence</b>					<b>(failed)</b>	
<b>BroadWorks Device Management Interoperability Test Plan Support Table</b>						
<b>HTTP File Download</b>						
HTTP Download Using XSP IP Address	(successful)	(successful)	(successful)	(successful)	(successful)	
HTTP Download Using XSP FQDN	(successful)	(successful)	(successful)	(successful)	(successful)	
HTTP Download Using XSP Cluster FQDN	(successful)	(successful)	(successful)	(successful)	(successful)	
HTTP Download With Double Slash	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>HTTPS File Download</b>						
HTTPS Download Using XSP IP Address	(successful)	(successful)	(successful)	(successful)	(successful)	
HTTPS Download Using XSP FQDN	(successful)	(successful)	(successful)	(successful)	(successful)	
HTTPS Download Using XSP Cluster FQDN	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>HTTPS File Download with Client Authentication</b>					<b>(failed)</b>	
<b>Time Zone Mapping</b>						
No associated test cases	(successful)	(successful)	(successful)	(successful)	(successful)	
<b>Language Mapping</b>						
No associated test cases	(successful)	(successful)	—	(successful)	(successful)	
<b>File Inspection</b>						
Inspect System Config File	—	—	—	—	—	
Inspect Device-Specific Config File	(successful)	(successful)	(successful)	(successful)	(successful)	
Inspect Other Config Files	—	—	—	—	—	
Inspect Static Files	(successful)	—	(successful)	—	(successful)	

Device Inspection						
Inspect SIP Settings	(successful)	(successful)	(successful)	(successful)	(successful)	
Inspect Line Settings	(successful)	(successful)	(successful)	(successful)	(successful)	
Inspect Service Settings	—	—	—	—	(successful)	
HTTP File Upload					(failed)	
Call Processing Sanity Tests						
Register with Authentication	(successful)	(successful)	(successful)	(successful)	(successful)	
Call Origination	(successful)	(successful)	(successful)	(successful)	(successful)	
Call Termination	(successful)	(successful)	(successful)	(successful)	(successful)	
Remote Restart	—	—	—	—	(successful)	For Maxwell 3/B use Software 2.15.9 or higher
Shared Line Origination	—	—	—	—	—	
Shared Line Termination	—	—	—	—	—	
Shared Line Status	—	—	—	—	—	
Busy Lamp Field	—	—	—	(successful)	(successful) Only user busy and user idle display.	
Network-Based Conference	—	—	—	—	—	
Flexible Seating						
Association via Voice Portal	—	—	—	—	—	
Association via Phone	—	—	—	—	—	
No Touch Provisioning						
Provision via DHCP Options Field	(successful)	—	Software 2.12	—	—	For N510 use Software 243 or higher
No Touch Provision via DM redirect	—	—	—	—	—	
No Touch Provision via Vendor redirect	(successful) Except BroadWorks DM Redirect.	(successful)	Software 2.12	(successful)	(successful)	For Maxwell 3/B use Software 2.15.9 or higher