Alcatel Lucent OmniPCX Office R.10.3 (IBS) - Gigaset Handset Interop

Alcatel Lucent OmniPCX Office / OXO Connect with IBS DECT base.

About OmniPCX Office

Tested: OmniPCX Office R.10.3

The new name for the OmniPCX Office will be the OXO Connect.

The system can handle up to 120 handsets.

The tested DECT system is the system using the IBS (Intelligent base Station), which are connected to the digital extension ports. 3 channels using 1 port or 6-channels using 2 ports.

Also available is the IP-DECT system where test results can be found here.

See below for a list with tested features when registering a Gigaset pro handset to the Alcatel OmniPCX cordless system.

When you register a Gigaset pro handset to the Alcatel OmniPCX, the administrator has to add the handset manually via the Alcatel administrator OMC-tool. The administrator can select the **GAP** or **GAP enhanced** feature set. When using **GAP enhanced**, the platform will send more display information to the handset. In the list below you can see the difference between the 2 modes.

This test is done using the software versions that are reported on this page, we have no influence on the Alcatel software development. If the platform changes the software and the feature set of the DECT GAP support then it can be that additional or less functionality is possible.

DECT GAP protocol is a DECT standard and has a limited feature set, this causes that some functionality is not possible.

Feature	SL750H	S650H	R650H	Comment
Software	**63**	**63**	**11**	
DECT Registration	Yes	Yes	Yes	Start the GAP registration mode on the OmniPCX using the OMC-tool. During our test, we used the PIN "0000". Start the registration procedure on the Gigaset DECT handset and enter the PIN "**0000**" if requested. The Administrator can decide during the Registration procedure to chose for the **GAP** or **GAP enhanced** mode.
Outgoing Call	Yes	Yes	Yes	**GAP enhanced mode:** On the handset display you can see the information provided by the platform, like name /number and call status. **GAP mode:** Normal Gigaset display information, called number.
IVR / VM (DTMF)	Yes	Yes	Yes	With the settings below, the handset has to switch to DTMF using the code ## The handset can operate the IVR and Voicemail using the DTMF tones.
Incoming Call	Yes	Yes	Yes	External incoming calls shows the CLIP (Number) of the caller without the leading "0" for outgoing calls. In the Call lists, the numbers are stored with leading "0" so that call back is possible. **GAP enhanced mode:** Shows CLIP information from PBX, local phone-book is not used to replaced number with name. **GAP mode:** Show CLIP information and number is replaced with name if available in local phone-book.

Missed Calls	Yes	Yes	Yes	Missed calls are signaled with icon in screen and MWI key is blinking. Because of GAP protocol limitation, the missed calls is a feature of the handset and not signaled by the platform.
Call Waiting answer	Platform feature	Platform feature	Platform feature	The 2e incoming call is signaled via Call-waiting tone. To answer the incoming call you need to use the platform feature code "***9**". To swap between the calls, you need to use the feature code "***2**"
Call Waiting reject	No	No	No	
Call Hold	Yes	Yes	Yes	Call hold can be done in 3 ways. 1. Just press a key and other side will be put on hold, after .. time a recall will happen. 2. Press Feature code "*1" and you will hear tone in handset, press "*1" again to retrieve the call. 3. Mute handset microphone.
Attended transfer	Yes	Yes	Yes	During the call, just enter the number of the person you would like to transfer to. The caller is put on-hold and other side is ringing. When answered just end call to transfer or swap between calls using feature code "*2" **GAP enhanced mode:** Display information on handset is updated when call transfer is done. **GAP mode:** Display is not updated.
Unattended transfer	Yes	Yes	Yes	During the call, just enter the number of the person you would like to transfer to. The caller is put on-hold and other side is ringing. End the call to transfer. **GAP enhanced mode:** Display information on handset is updated when call transfer is done. **GAP mode:** Display is not updated.
Conference	Yes	Yes	Yes	Conference can be started when having one active call and one call on-hold and pressing the feature code "*3"
MWI	No	No	No	
Date and Time	No	No	No	Due to DECT GAP protocol limitation, the handset can not receive the data and time automatically from the platform. The user has to enter the date and time manually on the handset. When the handset is turned off/on, the date and time has to be entered manually again.
Call list	Yes	Yes	Yes	The Call lists are handled by the dect handset and not synchronized with the platform, the DECT GAP standard does not support call list synchronization. Supported are All / Outgoing / Missed / Accepted call list.
Int key	No	No	No	When pressing the "int" key, the handset will give a dial-tone and you can dial a number. The internal user list will not be provided, this is not supported by the GAP standard.
Phonebook	Yes	Yes	Yes	It is possible to use the handset phonebook, there is no possibility to access the PBX phonebook. **GAP enhanced mode:** Shows CLIP information from PBX, local phone-book is not used to replaced number with name. **GAP mode:** Show CLIP information and number is replaced with name if available in local phone-book.
Handset features	Yes	Yes	Yes	Dependent on the used handset, you can use the remaining handset features like: Alarm clock / Bluetooth / Audio settings / Organizer / ....
Handover / roaming	Yes	Yes	Yes	Based on customer feedback, the gigaset handsets are working perfect behind the Alcatel Lucent OmniPCX.

Alcatel-Lucent OmniPCX Settings.

The following DECT settings are used during our test.

Feature Rights

Phy. Add. `92-005-01` No. `145` Terminal `GAP Enh.(Disp.)` Name `GAP Gigaset`

Feature Rights Part 1

- ☑ Camp on Allowed
- ☐ Camp on Protection
- ☑ Conference
- ☑ Callback (automatic)
- ☑ Name Display
- ☑ Call Pickup Allowed
- ☐ UUS Allowed
- ☐ Meet Me Conf activation
- ☐ My IC Web Support

- ☑ Paging
- ☐ Selective Diversion
- ☑ External Diversion
- ☐ Intrusion Allowed
- ☐ Intrusion Protection
- ☐ Warntone Protection
- ☐ Identity Secrecy
- ☐ WAN API Access
- ☐ Video Support

OK Cancel Part 2

Feature Rights

Phy. Add. `92-005-01` No. `145` Terminal `GAP Enh.(Disp.)` Name `GAP Gigaset`

Feature Rights Part 2

- ☑ Transfer to external
- ☐ Private Subscriber
- ☑ Inhibit Flag
- ☐ Trunk Allot
- ☐ DND override allowed
- ☐ Protection against DND override
- ☐ MF Transparency
- ☐ CLI is diverted party
- ☐ Conference Bridge Allowed

- ☑ Join incoming and incoming
- ☑ Join incoming and outgoing
- ☑ Join outgoing and outgoing
- ☐ Remote Substitution
- ☐ DDC Protection
- ☐ Assign Auth. for MTR charge
- ☑ Inhibition Time ranges
- ☐ Remote custom. Company greeting
- ☐ Remote customization

OK Cancel Part 3

Feature Rights

Phy. Add. `92-005-01` No. `145` Terminal `GAP Enh.(Disp.)` Name `GAP Gigaset`

Feature Rights Part 3

- ☑ Mailbox of initial Called party
- ☐ Callback in VM Consultation
- ☐ Mailbox remote consultation
- ☐ In-Band DTMF over SIP Trunk

OK Cancel Part 1