

### Kwebbl

## Introduction

### Platform Architecture

Unlike traditional systems, with a master-slave fail-over setup, Kwebbl is a true cloud platform where data and functionalities are automatically distributed over all our datacenters worldwide. All global datacenters work together to show up as one single unified PBX to the users.

With multiple datacenters in Europe, and expansion scheduled in Asia and the USA, users are always automatically routed to the closest available datacenter to ensure a local experience. If the closest datacenter is unavailable, the user will automatically fail over to another available datacenter. In true cloud fashion, system capacity scales with load and user requirements. We can easily scale server capacity, either by provisioning modules in our private cloud or by scaling out to third party cloud providers. Our modular approach ensures that we can scale out exactly those modules that are under load, without having to duplicate our whole infrastructure. Our highly modularized architecture is built around a decentralized, asynchronous and distributed API and Database Engine. This core is the key in our ability to offer our communications platform globally as a true cloud platform.

### About Kwebbl

Kwebbl was founded early 2013 as part of the Digifoon Group and has offices in Amsterdam, Switzerland and Ukraine. In Ukraine a development team set out to develop a brand new cloud communications platform. Using the latest internet and cloud technologies, a scalable and secure system was built with an all-important focus on the user experience of the end-users. Kwebbl operates this platform from multiple data centres and ensures continuous innovation, allowing hosted voice and other service providers to focus on customers instead of technology.

## Platform Architecture

Unlike traditional systems, with a master-slave fail-over setup, Kwebbl is a true cloud platform where data and functionalities are automatically distributed over all our datacenters worldwide. All global datacenters work together to show up as one single unified PBX to the users.

With multiple datacenters in Europe, and expansion scheduled in Asia and the USA, users are always automatically routed to the closest available datacenter to ensure a local experience. If the closest datacenter is unavailable, the user will automatically fail over to another available datacenter.

In true cloud fashion, system capacity scales with load and user requirements. We can easily scale server capacity, either by provisioning modules in our private cloud or by scaling out to third party cloud providers. Our modular approach ensures that we can scale out exactly those modules that are under load, without having to duplicate our whole infrastructure. Our highly modularized architecture is built around a decentralized, asynchronous and distributed API and Database Engine. This core is the key in our ability to offer our communications platform globally as a true cloud platform.

## Documentation and information:

[Kwebbl's platform & functionalities 2016.pdf](#)

Find [here](#) the support page  
See below for a list with supported features when using the Gigaset PRO IP Devices on the providers network.

## Supported Features

The Kwebbl logo is displayed in a bold, lowercase, sans-serif font. The letters are a vibrant yellow color. The logo is centered within a light gray rounded rectangular box that has a thin black border.

Feature	N870 IP	Maxwell 3	Maxwell 2	Maxwell basic	N720 IP	N510 IP	Maxwell 10
Software release:	2.12.0	2.16.6	2.16.6	2.16.6	108	242	2.6.32
Basic Call	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Calling line (CLIP)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Connected line (COLP)	_1	_1	_1	_1	_1	_1	_1
Anonymous call	_2	_2	_2	_2	_2	_2	_2
Do Not Disturb	Yes	Yes	Yes	Yes	-	-	Yes
Message waiting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call list/history	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voice mail deposit/retrieval	_1	_1	_1	_1	_1	_1	_1
Call waiting	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call Hold / Toggle	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call forward (CFU)	_2	_2	_2	_2	_2	_2	_2
Call forward (CFNR)	_2	_2	_2	_2	_2	_2	_2
Call forward (CFB)	_2	_2	_2	_2	_2	_2	_2
Call Transfer attended	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call Transfer early attended	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call Transfer unattended	Yes	Yes	Yes	Yes	-	-	Yes
Call completed elsewhere	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DTMF (RFC2833)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conference 3pty	-	Yes	Yes	Yes	-	Yes	Yes
BLF Busy / Idle indication	-	Yes	Yes	Yes <sup>3</sup>	-	-	Yes
Call pick-up direct	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call pick-up group	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call pick-up BLF	-	Yes	Yes	Yes <sup>3</sup>	-	-	Yes
Auto provisioning	_1	Yes	Yes	Yes	Yes	Yes	Yes
<b>SIP Security</b>							
SIPS	_2	_2	_2	_2	-	-	
SIP via TLS	Yes	Yes	Yes	Yes	-	-	
SRTP	Yes	Yes	Yes	Yes	-	-	

-	Not supported by device
_1	Not supported by the platform
_2	Platform feature via FAC
3	Via key extension module

code	feature
*31* number	Anonymous call to this number
*32* number	Toggle Code: Enables/Disabled anonymous call for the next call On or Off (Announcement)
*32	Toggle Code: Enables/Disable anonymous call for all calls On/Off (Announcement)
#32	Toggle Code: Enables/Disable anonymous call for all calls On/Off (Announcement)
*35	Toggle Code: Hotdesking to login/out on a device
*35*[int]	Toggle Code: Hotdesking to login/out on a device
*35*[int]*[pin]	Toggle Code: Hotdesking to login/out on a device
*100 / #100	Toggle Code: Login/off in waiting queue, dependent on your previous state.
*101 / #101	Login/off in all waiting queues.
*102 / #102	Change Waiting queue status for all queues to "break"
*103 / #103	Logoff from all waiting queues.
1233	Voicemail box of user
*8	Pick up first ringing
*8[extension number]	Directed pickup of [Extension]
*8[group number]	Group pickup
*96 / #96	Voicemail box of user
*[xx]	Toggle Code: To activate/deactivate the dial plan with number xx
1233 [vmbox-nr]	Listen to voicemail messages of voicemail box number [vmbox-nr]
*96 [vmbox-nr]	Listen to voicemail messages of voicemail box number [vmbox-nr]
#96 [vmbox-nr]	Listen to voicemail messages of voicemail box number [vmbox-nr]

## Auto provisioning

The Gigaset N510, N720, Maxwell 10, Maxwell 3/2 and Maxwell basic are released behind the Kwebbl platform including auto provisioning.

Go to Devices and click +Add and choose Gigaset pro:

## New device

[Next Step](#)

1 — 2 — 3

### STEP 1: Adding device and assigning to extension

Brand \*

Gigasetpro

Select the desired certified Gigaset pro product:

Model \*



Maxwell 10



Maxwell 3



Maxwell Basic



N510 IP PRO



N720 IP PRO

Enable auto-provisioning by clicking on No switch to change to Yes:

Model \*



Maxwell 10



Maxwell 3



Maxwell Basic



N510 IP PRO



N720 IP PRO

## Provisioning

I want to use provisioning for this device: ☒ No

Enter the device MAC address and ID:

Provisioning

I want to use provisioning for this device: ☒ Yes

MAC-address \*

MAC ID \*

To finalize, click on next at the top.

When all steps are taken, like adding users and so on, the device will now automatically be added to the Gigaset pro redirect server.  
Connect or restart the device and the device will auto-provisioned.

## Press Release



### Gigaset pro and Kwebbl are teaming up

# Gigaset pro

**Arnhem, March 3, 2016** - Gigaset pro, provider of innovative unified communications solutions for businesses, is teaming up with Kwebbl, the Smart Cloud Communications platform, to create a full service-hosted PBX telecom solution with multiple types of high-end DECT and desktop phones, smoothly integrated into one combined solution. After multiple tests, Gigaset pro has certified all of their IP phones on Kwebbl's platform while Kwebbl's engineering team created a 'Drop Shipment' provisioning solution within their panels, making it possible for thousands of European resellers and end-users to easily connect a Gigaset pro device onto the hosted PBX platform.

### Platform Architecture

Unlike traditional systems, with a master-slave fail-over setup, Kwebbl is a true cloud platform where data and functionalities are automatically distributed over all our datacenters worldwide. All global datacenters work together to show up as one single unified PBX to the users. We can easily scale server capacity matching any user requirements at a certain time, either by provisioning modules in our private cloud or by scaling out to third party cloud providers. Thanks to the highly modularized architecture, which is built around a decentralized, asynchronous and distributed API and Database Engine, we are able to offer our communications platform globally as a true cloud platform.

### Premium devices seamlessly integrated

The Platform architecture of Kwebbl enables the premium products of Gigaset pro to offer the end customers the end-to-end services they need. The services include auto-provisioning for each device, from the Maxwell desktop series to the single and multicell N510 and N720 offerings. Naturally the premium, bestselling handsets of Gigaset pro offer the end user maximum mobility and coverage in and around the office. The ISPs offering the Kwebbl services are certified in the Gigaset pro Network as Interop Comfort Partner, a valuable status for offering premium services and devices.

Ivo de Vries, CCO Kwebbl, says, "I'm proud that an international high end business phone manufacturer as Gigaset pro chose Kwebbl to be its innovative business partner. The partnership gives our European Provider and Reseller partners an enormous competitive advantage in the market of hosted telephony solutions."

Martin Reulen, sales manager at Gigaset pro Benelux, says, "With Kwebbl we are able to offer our joint end-customers a future proof and unified communication solution. We integrated the cloud PBX business solutions from Kwebbl in combination with our high-end IP DECT and IP desktop telephony products. The combined services will be an advantage for the end-customers, because it supports their business, wherever they are."

#### **About Gigaset pro**

Gigaset pro, part of the Gigaset Group, caters for business customers all over the world with its wide range of premium products and offers professional communication solutions customised for the needs of each company. Gigaset pro products are designed to excel in every area, including user-friendliness, flexibility and compatibility. Gigaset distributes its pro portfolio through a network of certified partners with a focus on EMEA.



#### **More information:**

**Martin Reulen**

**Head of sales Gigaset Pro Benelux**  
**Gigaset pro | Because it's your business**  
**m. +31611515155**

#### **Maxwell 3 and Basic Press release:**

