

OpenScape Business V3

Configuration Kwebbl SIP Trunk

- Austria
- Belgium
- Germany
- Netherlands
- Switzerland

OpenScape Business V3 Mainboard Family OpenScape Business S

About this document

This configuration guide describes an example of how to set up the SIP trunk *Kwebbl SIP Trunk* as an ITSP connection to the OpenScape Business.

Note: The basis for this document is the current OpenScape Business *V3R4*. Since OpenScape Business is constantly developed, input masks and interfaces as well as requirements may change in the future. The settings and entries described here then apply accordingly.

System	OpenScape Business
Released with Version	V3R4
Kwebbl SIP Trunk	Features & Capabilities
Account (DID/Client)	DID
Multisite	yes - single trunk / dedicated trunk
CLIP / CLIR	yes / yes
CLIP no Screening	по
COLP	по
Call Forwarding (302)	по
DTMF (RFC2833/4733)	yes
Codecs G.722/G.711/G.729	no / yes / no
T.38 Fax	по
Secure trunk	по

Remarks:

OpenScape Business is not approved for the use of the T.38-Fax protocol on the *Kwebbl SIP Trunk* profile.

Table of Contents

Information	4
Trunk Configuration Data	4
Configuration Wizard	6
Internet Telephony	6
Define bandwidth (# Trunks)	11
Special phone numbers	12
DID configuration	14
Additional Configuration	15
License	15
Mandatory configuration in Expert Mode	16
Codec Parameters	16
Appendix	17
Create profile	17
Extended SIP Provider Data	19

Table of History

Date	Version	Changes
12.02.2025	1.0	release with OpenScape Business V3R4

Information

The Kwebbl SIP Trunk SIP-Trunk will be released for the first time with OpenScape Business V3R4.

Trunk Configuration Data

The configuration data needed to setup the *Kwebbl SIP Trunk* are available in the *Kwebbl* Customer portal.

Trunk Configuration

To use the trunk functionality, it is necessary to create a trunk on the Kwebbl platform. A SIP trunk can be created in the tab **[Devices]**, subtab **[Trunks]**.

Click on [+Add] to create a new trunk and follow the 2-step configuration wizard.

•=	Phones T	runks						
DASHBOARD								CONCURRENT CALLS:
To								4
DIAL PLANS			PRIMARY ACCOUNT		SECONDARY AC	OUNT		
ណំ	Name -	Brand 0	IP address	Expires	IP address	Expires	Concurrent calls 0	
DEVICES	Trunk	Other / Model N	192.168.10.36, 203.0.113.45	14/01/2025 16:01 🔘		None 💿	4	(i) (ii) (iii) (ii

Configuration Wizard – Step 1:

Edit trunk	Next Step
0	-2
STEP 1: Trunk settings	
DEVICE DETAILS	
Name *	Concurrent calls *
Trunk ?	10 2 -
Brand *	Model *
Other ~	Model N ?
Numbers format for inbound calls *	
E.164 (with plus) e.g. +31024165	i1777 -
IP WHITELIST	
IP address •	Subnet *
203.0.113.45	/32 - 255.255.255.255 - 🗙
	/22 - 255 255 255 255 -
	132 - 233,233,233,233,233
ADDING NUMBERS	
Choose the Number or/and Caller ID you w	rant to add *
Select an item	
OID DID	Caller ID
ADDED ITEMS	
493012345678	×
DID	Caller ID
310241651777	×
OID DID	Caller ID
Failover to dial plan	Enable: 🔴 No

DEVICE DETAILS

• Name: Type the name of the trunk

• **Concurrent calls:** Choose the number of simultaneous call channels (1-100)

- Brand: Choose the brand of the trunk
- **Type:** Choose or type the model of the trunk
- Numbers format for inbound calls: Choose
- the number format for SIP headers:
 - With plus: e.g. +310241651777
 - Without plus: e.g. 310241651777

IP WHITELIST

• **IP address:** Specify the IP address and subnet to whitelist it for the trunk accounts registrations.

ADDING NUMBERS

• Choose the Number or/and Caller ID you want to add: Open the dropdown menu and select the target number. Press [+] to assign the selected number to the trunk.

 $\circ\;$ DID: Select the option if you want to receive calls on this number.

• Caller ID: Select the option if you want the trunk to be able to dial out with this number.

• Failover to dial plan (optional): enable the option to redirect calls to an (external) fallback number to ensure the end user's reachability in case the trunk is for some reason unavailable. The routing needs to be preconfigured on the panel.

Configuration Wizard – Step 2:

Edit trunk		Finish
0	_2	
STEP 2: Login details		
PRIMARY ACCOUNT		
SIP Server *		
1.trunk.sip.kwebbl.net		
Username *	Password	Generate
u7tpak5szck3		۲
SECONDARY ACCOUNT		
SIP Server *		
2.trunk.sip.kwebbl.net		
Username *	Password	Generate
o2mp9i6c4m0y		Ö

At the second step you will find the **Primary Trunk account** and **Secondary Trunk account details:** username, password and SIP server address.

The password for the trunk account can be created manually or generated.

It is strongly recommended to register the trunk on both Primary and Secondary SIP servers to ensure failover in case of service disruptions.

Click [Finish] to save the Trunk. The trunk and all associated information will be displayed in the [Trunks] subtab.

			PRIMARY ACCOUNT		SECONDARY ACCOUNT			
1	Name :	Brand 0	IP address	Expires	IP address	Expires	Concurrent calls 0	
1	Trunk	Other / Model N	192.168.10.36, 203.0.113.45	14/01/2025 16:01 🥘		None 💿	4	(a) (x)

Once the trunk is registered on the Kwebbl platform, a green registration dot will appear on the panel. By hovering over the green dot, the user-agent details can be viewed. If the trunk account has not been registered yet or lost the registration, the dot will be grey.

Additionally, the trunk internal and external IP addresses, as well as the registration expiration timer can be viewed on the panel.

This configuration example is part of the *Kwebbl* documentation "SIP Trunk Configuration".

Configuration Wizard

Internet Telephony

Go to Central Telephony – "Internet Telephony"

							OpenScape Business Ass	stant
							administrator@system	Logoff
Home	Administrators	Setup	Expert mode	Data Backup	License Management	Service Center		
Setup								
▼ Wizard	ls	C	entral Telephony					()
Basic	Installation							
Netwo	ork / Internet		Edit CO Trunk	ISDN / Analog / IT	SP	1000		
Teleph	nones / Subscribers		of analog a	ultipoint connection: ind ITSP trunks	s (MSN) and PABX number for	ISDN connections, and as	signment	
Centra	al Telephony	- 7		lenhony				
User T	elephony		Edit Access par	ameters of the Inte	rnet Telephony Service Provide	r (ITSP), e.g., user accoun	t,	
Securi	ty		password,	SIP station number				
UC Su	ite		Edit Access put	mbers for integrated	d voicemail. Set up of voicemail	hoves		
Cloud	Services	1.5	Dhave Da	- I. (Court Dialian	volceman. Get up of volceman	50,00		
Mass I	Data		Edit Set up cen	tral speed-dial dest	inations for the system's interna	al phone book		
			Multisite M	lanagement				
			Configurat	on of multi-ITSP co	nnections			
			Edit Call Detail	Recording detail recording cor	nnection parameters for call det	tail applications		
			Edit Music on	Hold / Announcem	ients	and successive and both of		
			answering	w melodies and anr	nouncements for Music on Hold	and announcement before	3	
			Edit Set up call	elephone allocation and acce	ass authorization for the entrance	e telephone at the analog	station	
			connection	and callen and door		so comprise at the unuag		

Figure 1

The overview page appears for entering the location data. The most flexible type of configuration is to enter the Country code only. The *Kwebbl SIP Trunk* is released for the following countries:

- Austria
- Belgium
- Germany
- Netherlands
- Switzerland

The following example is based on the country code *Germany*.

Setup - Wizards -	Central Telepho	ny - Internet Tele	ephony			8
			Over	view		
Note: changes done Note: At least the co PABX number	in expert mode n infiguration of the	nust be reviewed/ 'Country code' is	repeated after running through the needed for features such as 'Intern	w <mark>izard</mark> . et telephony' ar	nd 'MeetMe conference'.	
			Country code: 00	49	(mandatory)	
			Local area code: 0		(optional)	
			PABX number:		(optional)	
Help	Abort	Back	OK & Next			



Click [OK & Next].

Provider configuration and activation for Internet Telephony

- "No call via Internet" -> uncheck
- "County specific view": here *Germany* and select *Kwebbl SIP Trunk*



As long as the profile *Kwebbl SIP Trunk* is not available, please create a private profile *Kwebbl_2* (see appendix).

Setup - Wizards	- Central Telephony - Internet	Telephony	×
	P	rovider configuration and activation for Internet Telephony	Î
Note: changes do	one in expert mode must be revie	No call via Internet: Country specific view: Germany v weed/repeated after running through the wizard.	
	Activate Provider	Internet Telephony Service Provider	1
Add		Other Provider	
Edit		F.4.	
Edit		Contraction From	
Edit		Kwebbl SIP Trunk	
Edit		TRY Statut and a	
Edit		Dirac Pay for 30 ² Test	
Edit		Eventual intervention in	
Edit		Let with	
Edit		ad ext	•
Help	Abort Back	OK & Next Display Status	

Figure 3

Activate Provider and click on [Edit].

Setup - Wizards - Central Telephony - Internet Telephony	
Internet Telepho	ny Service Provider
Provider Name	e: Kwebbl SIP Trunk
Enable Provide	c 🗹
Secure Trun	c 🗌
Domain Name	e: 1.trunk.sip.kwebbl.net
Transport protoco	l: udp 🗸
Provider Registrar Use Registra	r 🗹
IP Address / Host name	a: 1.trunk.sip.kwebbl.net
Por	t: 5060
Reregistration Interval at Provider (see	600
Provider Proxy	
IP Address / Host name	: 1.trunk.sip.kwebbi.net
Por	t: <u>5060</u>
Use Outbound Proxy	r. 🗆
IP Address / Host name	e: 0.0.0.0
Por	t: 0
Provider Inbound Proxy Use Inbound Proxy	r 🗆
IP Address / Host name	e: 0.0.0.0
Por	t 0
Provider STUN Use STUN	k 🗆 🗸
Help Abort Back OK & Next	Delete Data

On the next page no changes are required. The Primary Trunk account is preconfigured.

Figure 4

Click [OK & Next].

	0	•		0	
Setup - Wizards -	Central Telepho	ny - Internet Tel	ephony		×
			Internet Telephony Sta	ations for Kwebbl SIP Trunk	
			Name	e of Internet Telephony Station	
Add			Ne	ew Internet Telephony Station	
Help	Abort	Back	OK & Next		

In the next dialog the specific customer SIP user data will be configured.

Figure 5

Click on [Add].

The Data is provided by the *Kwebbl* customer portal.

Internet telephony station:	Username
Authorization name:	Username
Password:	Password
Default number:	Main number of connection in E.164 format (e.g.: +4930300153). The default number is used as outgoing number when no DDI number is assigned to a station. Usually the Lead Number is entered here.

	Sentral Telephon	ij internet ien	prony		
			Internet Telephony Stati	on for Kwebbl SIP	Trunk
			Internet telephony station:	pjy0vjv	
			Authorization name:	pjy0vjv	
			Password:	•••••	
			Confirm Password:	·····	
all number assig	nment		Use public number (DID)	24	▼
			ITSP-multiple route:		
			Default Number:	+4930300153	
efault Number SP as primary Conter one of the ca spective call. Il call numbers su	D access Il numbers supplie pplied by your netv	d by your networ work provider are	k provider here. This will be used in to be entered within the trunk and	outgoing calls as the call telephones configuration (ling party number in case no other number is available for th (DID field) primary CO access.
	209 - 402 To a	43		1020	47 (2027) 88

Figure 6

Enter the relevant data and click [OK & Next].

Setup - Wizards ·	Central Telephor	ıy - Internet Tele	hony	
			Internet Telephony Stations for Kwebbl SIP Trunk	(
			Name of Internet Telephony Station	
Edit			pjy0vjvj	
Help	Abort	Back	OK & Next	

Figure 7

Click [OK & Next]

	Call Number Assignment f	or Kwebbl SIP Trunk	
Name of Internet Telephony Static	Internet Talenbony Phone Number	Direct inward dialing	Use as PABX number for outgoing calls
The second secon			
nume of internet reception j out	Internet relephony i none Rumber	Direct inward dialing	ooc us i Hox number for outgoing cum
ler to complete the configuration	ase verify that the relevant user DIDs are set in	stations.(Telephones / Subsc	ribers configuration)
ler to complete the configuration	ase verify that the relevant user DIDs are set in	stations.(Telephones / Subsc	ribers configuration)

Figure 8

Click [OK & Next] (no input needed)

Setup - Wizards -	Central Telephony - Internet	Telephony	×
	P	rovider configuration and activation for Internet Telephony	Î
Note: changes dor	ne in expert mode must be revie	No call via Internet: □ Country specific view: Germany ✓ wed/repeated after running through the wizard.	
	Activate Provider	Internet Telephony Service Provider	
Add		Other Provider	
Edit		1.4	
Edit		C THEORE THAT	
Edit		Kwebbl SIP Trunk	
Edit		Ref. Roll. Function	
Edit		10 m. For the SP Test	
Edit		Eveninged Permittee P	
Edit		L-1-11	
Edit	D	ultra -	•
Help	Abort Back	OK & Next Display Status	

Figure 9

Click [OK & Next]

Define bandwidth (# Trunks)

The amount of simultaneous Internet (Assigned Lines) calls must be aligned with the Maximum Active Calls assigned to the Trunk Group of the *Kwebbl SIP Trunk* customer portal.

Setup - Wizards - Central Telephony - Internet Te	lephony		
	Settings for Internet Telep	hony	
Simultaneous Internet Calls Available Lines for ITSP: 174			
Please enter in field 'Upstream up to (Kbit/sec)' the U Upstream up to (Kbps) = 2048	pstream of your Internet connection communicat	ed by your Provider. You have t	yped in
In the 'Change Feature> Internet Telephony' Assist the network load, you will need to reduce this numbe	ant. This upstream allows you to conduct up to 10 r of simultaneous calls.	Internet phone calls simultane	ously. If the call quality deteriorates due to
The number of simultaneous Internet Calls also depe	nds on the licensing.		
	Upstream up to (Kbps): 2048		
Numt	per of Simultaneous Internet Calls: 4	Distribute Li	nes
Line assignment			
Internet Telephony Service Provider	Configured Lines		Assigned Lines
Kwebbl SIP Trunk	0	4	
Help Abort Back	OK & Next		
Figure 10			



Special phone numbers

In this dialog it is possible to route special phone numbers. If special numbers are not to be routed via the ITSP direction, this must be changed accordingly.

Setup - Wizards - Central Telephony - In	ternet Telephony	
	Special phone numbers	
Note: Please make sure that all special call numb	ers are supported by the selected provider without fail.	
Special phone number	Dialed digits	Dial over Provider
1	0C112	Kwebbl SIP Trunk 🗸
2	0C110	Kwebbl SIP Trunk 🗸
3	0C0137Z	Kwebbl SIP Trunk 🗸
4	0C0138Z	Kwebbl SIP Trunk 🗸
5	0C0900Z	Kwebbl SIP Trunk 🗸
6	0C118Z	Kwebbl SIP Trunk 🗸
7	0C116Z	Kwebbl SIP Trunk 🗸
8	0C115	Kwebbl SIP Trunk 🗸
9	0C010Z	Kwebbl SIP Trunk 🗸
10		Kwebbl SIP Trunk 🗸
T		
Help Abort	Back OK & Next	

Figure 11

Click [OK & Next]

On next page status of ITSP is displayed.

	Wizards - Central Telephony - Internet Telephony								
		Statu	s for the Inte	rnet Telephony S	Service Provide	r (ITSP)			
		Pro	vider		Us	er			
Restart		Kwebbl SIP Trunk		Enabled	pjy0vjvj	registered	Diagnose		

Figure 12

Click [Next]

"Exchange Line Seizure"

Select which trunk will access code 0. Enter the local area code without prefix digits (needed only when local area code was not entered in first step PBX number)

Setup - Wizards - Central Telephony - Internet Telephony	8
Exchange I	ine Seizure
Trunk Access Code	0
Dial over Provider	Kwebbi SIP Trunk 🗸
Area Code Please enter the local area code.	
Local area code: 0	30
Help Abort Back OK & Next	

Figure 13

Click [OK & Next]

Overview with all configured "Outside line Seizure" are displayed.

Setup - Wizards - Central Telephony - Internet	Telephony	×
	Seizure Code for the 'Outside line Seizure'	
	Seizure code for 'Outside line Seizure'	
Kwebbl SIP Trunk	0	
Help Abort Back	OK & Next	

Figure 14

Click [OK & Next] and

	The changes for the feature '	nternet Telephony' are completed
he Internet Teleph	hony is switched on and configured.	
nce an "Internet T	Telephony Service Provider" has been activated/deactivated, it is nec	essary to run through the "Central Telephony - CO Trunk ISDN / Analog" wizard again.
	1757 & 250 & 267 & 26 & 267 & 27	

Figure 15

on the next page [Finish].

DID configuration

In the DID Section, the DID will need to be entered (remaning part without country code, and if configured without local area code, PABX number).

Expert mode - Telephony Serve	r										8
Station	IP Clients										
Station UP0 Stations			Edit Subscriber				C.	ievice Info			
P Clients	Callno †	DID	First Name	Last Name	Display	Type	Clip/Lin	Active	Fax Callno	Fax DID	115
Analog Stations	Search										
ISDN Stations				16			~		[7	
DECT Stations				<u></u>			-		L	<u></u>	
▶ EVM	-	-	-		-	No Port	✓ -	-	-	-	_ <u>-</u> _
Virtual Stations	132	-).			System Client	▼].	v .		-	
UC Applications	312 -	→ 303001531112	1-]-	-	System Client	¥ -	~	-	-	76
Profiles/Templates	188 -	→ 30300153883		1.	-	Deskshare User	v .	~	288	303001531114	7.
DDI Extensions	-	-	16	1.	1	No Port	¥ .	- i -		-	
Mobility User											
SIB User	Rage 1 of 20									ltome nor nago 1	0 75 50 100
Trusted External User	Fage 10120									ireius bei bade T	N 84 11 199
Stations Overview											
Key Programming	Apply	Undo	Help								

Figure 16

Additional Configuration

License

Add the "S2M/SIP Trunk" license to the SIP-Trunk

							OpenScape Business Assis	stant
							administrator@system	Logoff
Home	Administrators	Setup	Expert mode	Data Backup	License Management	Service Center		
License M	1anagement							
License in	nformation	C	O Trunks					0)
▼ Addition	nal Products							-
OpenSc	cape Personal Edition	The	access to central or	ffice via PRI(S2m/T	1) trunks or via Internet telepho	ny is licensed by CO trunk licer	nses	
▼Local U	ser licenses	SIP	trunks	Available licens	es for SIP and PRI(S2m/11) tru	nks: 246		
Overvie	ew	511	duines	The configured nu	mber of simultaneous Internet of	alls		
IP User	r.			for each Inte	ernet Telephony Service Provide	ris: 4		
TDM Us	ser		Lice	nse number of simu	Itaneous Internet calls in this no	ode: 4		
Mobility	y User		License demand	for number of simu	Itaneous Internet calls in this no	ode: 4 🗸		
Desksh	are User	PR	(\$2M/T1)					
CO Trunk	5		Type Slot	Port	Feature	Demands	used licenses	
System L	icenses							
▼License	Profiles							
Create	Profiles							
Assign	Profiles							
Registrat	ion							
Activate I	License Online							
Activate (CL5 Connect							_
Activate I	License File		Abort	Apply				
Settings								
Figure	e 17							

Mandatory configuration in Expert Mode

Codec Parameters

Go to Expert Mode \rightarrow Telephony Server \rightarrow Voice Gateway \rightarrow Codec Parameters

To comply with the requirements of the *Kwebbl SIP Trunk* profile the following codec parameters must be changed:

- 1. G.729A/G.729AB are not supported and should be disabled.
- 2. OpenScape Business is not approved for the use of the T.38-Fax protocol on the *Kwebbl SIP Trunk* profile. Therefore T.38 Fax should be deactivated.

Expert mode - Telephony Server				×				
Voice Gateway	Codec Parameters							
SIP Parameters	Edit Codec Parameters							
ITSP Loc-ID Settings								
Codec Parameters	Codec	Priority	Voice Activity Detection	Frame Size				
Destination Codec Parameters	G 711 A-law	Priority 1 ¥	VAD.	20 ¥ msec				
Internet Telephony Service Provider	C 711 Janu	Delority 2 st	VAD:	20 14 1000				
Networking	G.711 µ-law	Phonty 2 V	VAD:	20 V Mised				
SIPQ-Interconnection	G.729A	not used 🗸	VAD:	20 🗸 msec				
Native SIP Server Trunk	G.729AB	not used 🗸	VAD: 🖾	20 🗸 msec				
	Enhanced DSP Channels							
		Use G.711 only						
	T.38 Fax							
		T.38 Fax:						
	Lise FillBitRemoval							
	Gas t inductively val.							
	Max. UDP Data	gram Size for T.38 Fax (bytes):	1472					
	Error Corre	ection Used for T.38 Fax (UDP)	t38UDPRedundancy 🗸					
	T.30 Fax							
		Enable ECM:						
	Misc	Lindolo Lonii.						
	IIISU.	ClearChannel:	Z Fran	ne Size: 20 🗸 msec				
	RFC2833							
	Transmission of Fax/Moder							
	Transmission of DTM	F Tones according to RFC2833:						
		Payload Type for RFC2833:	98					
	Redundant Transmission	of RFC2833 Tones according to RFC2198:						
	Apply Undo	Help						

After the T.38-Fax settings are changed OpenScape Business must be restarted.

Appendix

Create profile

As long as the *Kwebbl SIP Trunk* profile is not yet available, please first create a private profile with the name *Kwebbl_2* as follows.

Please open the wizard for "Central Telephony – Internet Telephony" as described in Figure 1 and Figure 2 and go to:

Provider Configuration and -activation for Internet-Telephony:

- "No call via Internet" -> uncheck
- "County specific view": e.g. *Germany* and select *Other Provider*

up - Wizards -	Central Telephony - Inte	rnet Telephony			
		Provider configuration and ac	tivation for Inte	ernet Telephony	
		No call via Internet:			
te: changes dor	ne in expert mode must be r	eviewed/repeated after running through th	e wizard.	V	
	Activate Provider		Internet Te	elephony Service Provider	
Add		Other Provider			
Edit		Full.			
Edit		CTROOP FOR			

Click on [Add].

Use the *default* template with name *Kwebbl_2*, enable the provider and configure the server data provided for the *Kwebbl SIP Trunk*

- Gateway Domain Name: 1.trunk.sip.kwebbl.net (Primary Trunk account)
 - **Provider Registrar:** 1.trunk.sip.kwebbl.net (Primary Trunk account)
- Provider Proxy:
 1.trunk.sip.kwebbl.net (Primary Trunk account)

as follows (see Figure 4):

_

Setup - Wizards - Central Telephony - Internet Telephony	8
Internet Telephon	y Service Provider
Base Template:	default v
Provider Name:	Kwebbl_2
Enable Provider:	
Secure Trunk:	
Domain Name:	1.trunk.sip.kwebbl.net
Transport protocol:	udp 🗸
Provider Registrar Use Registrar:	
IP Address / Host name:	1.trunk.sip.kwebbl.net
Port:	5060
Reregistration Interval at Provider (sec)	600
Provider Proxy	
IP Address / Host name:	1.trunk.sip.kwebbl.net
Port:	5060
Provider Outbound Proxy	
IP Address / Host name:	0.0.0.0
Port:	0
Use Inbound Proxy	0
IP Address / Host name:	0.0.0.0
Port:	0
Provider STUN	
058 5101.	
Help Abort Back OK & Next	Delete Data

Click [OK & Next]

In the following dialog, the access data is entered, as described in the instructions from Figure 5 onwards.

Setup - Wizards	Setup - Wizards - Central Telephony - Internet Telephony							
	Internet Telephony Stations for Kwebbl_2							
	Name of Internet Telephony Station							
Add	New Internet Telephony Station							
Help	Abort Back OK & Next							

Extended SIP Provider Data

To ensure compatibility with the *Kwebbl SIP Trunk*, the following settings must be made in Expert Mode \rightarrow Voice Gateway \rightarrow Internet Telephony Service Provider \rightarrow *Kwebbl_2* for the extended SIP provider data:

Internet Telephony Service Provider	
Edit Internet Telephony Service Provider Delete Inter	net Telephony Service Provider Add Internet Telephony Station
Extended SIP Provider Data	
Show Extended SIP Provider Data:	
Attention: the following parameters are used to adapt the beh These parameters are defined during the certification process malfunction of the provider interface.	avior of the SIP stack to a certain provider implementation. s for the provider. Changing these parameters may result in a
CLIP / CLIR	
CLIP outgoing in From header - display part:	omit 🗸
CLIP outgoing in From header - user part:	call number 🗸
Outgoing From Header - domain/host part:	domainName ❤
Diversion: From contains original CallingPartyNumber:	
Diversion: PAI contains original CallingPartyNumber:	
CLIP outgoing in P-Asserted-Id header - display part:	omit 🗸
CLIP outgoing in P-Asserted-Id header - user part:	call number 🗸
CLIP outgoing in P-Preferred-Id header - display part:	omit 🗸
CLIP outgoing in P-Preferred-Id header - user part:	omit 🗸
CLIP outgoing in Diversion header - display part:	omit 🗸
CLIP outgoing in Diversion header - user part:	call number 🗸
CLIP outgoing in History-Info header - user part:	omit 🗸
CLIR outgoing in From header - display part:	anonymous 🗸
CLIR outgoing in From header - user part:	fully anonymous 🗸
CLIR outgoing Privacy header:	id 🗸
COLP / TIP supported for outgoing calls:	COLP not supported V

Internet Telephony Service Provider	
Edit Internet Telephony Service Provider Delete Inter	net Telephony Service Provider Add Internet Telephony Station
Call number formatting	
Incoming call - Called party number:	request line
Incoming call - Calling party number:	From header user part
Incoming call - Type of number (calling):	automatic 🗸
Incoming call - Type of number (called):	automatic 🗸
Outgoing call - Type of number (calling):	automatic 🗸
Outgoing call - Type of number (called):	automatic 🗸
Mapping of provider number:	off 🗸
CLIP no Screening support:	not supported
Call No. with international/national prefix:	no 🗸
Called number in E164 format:	yes 🗸
Route optimization:	not allowed 🗸
MEX supported:	no 🗸
Contact URI contains:	RegistrationAOR V
TCP port used in Contact URI:	ephem. src-port 🗸
Registration	
Register Contact contains IP-Address:	locallPAddr 🖌
ContactUriWithProtocol:	
BNC Registration (SIPconnect):	normal registration 🗸
ReRegistration interval after failure (sec):	120
ReRegistration mode:	continuous 🗸
ReRegistration after call failure:	CallFailureIsNoRegFailure V

Internet Telephony Service Provider			
Edit Internet Telephony Service Provider	Delete Interr	net Telephony Service Provider	Add Internet Telephony Station
ecurity			l.
	UDP mode:	symmetric UDP 🖌	
Approved	d Peer selection:	trust configured Servers only	~
liscellaneous		543-	
	Direct Payload:		
Media Renegotia	ation Avoidance:		
Change di	rection attribute:	keep attribute	
Silence Suppr	ression attribute:	supported 🗸	
Medi	iasec extension:	not supported V	
	SDP Filter:	Default 🗸	
Ch	eck Redirection	Not supported	ā
LisePoutel IP			
User outeon	Ignore 100 Rel:		
	Support 100rel		
LIPD	ATE Supported		
D Easte Madia			
P-Early-wedia	neader support.	not supported V	
Session	n Timer support:	not active 🗸	
Send automatic 183 respo	onse timer (sec):	0	
L	JDP-Keep Alive:	UdpKeepAliveON 🗸	
Keep Alive interval for 0	OPTIONS (sec):	60	
Reregistration on OF	PTIONS Failure:	NoRegisterOnFailure V	
Answ	er to OPTIONS:	Without Body 🗸	
7.000			
Apply Undo Restart	ITSP Reset	Default Values Help	

Click on [Apply] and restart the ITSP [Restart ITSP].

Please close the window and run through the ITSP Wizard for *Kwebbl_2* again (Figure 3).