iSoftPhone 1.4 and vertico Starface PBX

Compatibility Tests

Ver. 1.2 (2007-10-24)



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1. Introduction

These Application Notes describe the configuration steps for using the iSoftPhone 1.4 with vertico Starface PBX. General administration information can be found in the product documentation. Products WEB sites:

- iSoftPhone <u>http://www.call4mac.com</u>
- Starface <u>http://starface.de</u>

2. Configuration

The configuration used in the test is shown at the picture below.





3. Equipment and Software

The following equipment and software were used in the configuration.

EQUIPMENT	SOFTWARE
iSoftPhone	1.4 (build 1.4040-070912)
Apple Macintosh	MacOS X 10.4.9
PC	Win XP Pro SP2
Starface VMware Image	2.2.0.2
VMware Player	2.0.0
X-lite	3.0



4. Configuration on Starface

This document shows only the basic configuration of Starface PBX, for more information please refer to Starface Manual and/or Starface website.

4.1 Initial configuration of Starface

After the operating system and server have been installed, you can start the configuration of Starface entering the IP address of Starface in a web browser from any computer in local network (in this documentation IP Address of Starface - 192.168.200.101).

Initial configuration of Starface contains of three steps:

Step 1. Detecting and presetting Telephones

Step 2. Configuration of Lines and Phone Numbers

Step 3. User Setup

In this document we skip first two steps of initial configuration (the phones and lines are configured manually).

STARFACE Vol	P Software - Microsoft Internet Explorer	
File Edit View	Favorites Tools Help	2
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	STARFACE Installation Process	
	3 steps for first installation Language Selection: English 💌	
	1. Step: Detecting and Presetting Telephones	
Phone	In this menu all existing IP telephones and ATA adapters for the employment with STARFACE get preset. This process can be carried out either automatically or manually.	
	2. Step: Configuration of Lines and Phone Numbers	
Lines	In this section all necessary ISDN lines and SIP providers as well as the appropriate internal and external phone numbers are set up and configured.	
	3. Step: User Setup	
User	The account for the STARFACE administrator or first user gets established to grant future logins.	
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Click 'Next'.



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	Step 1 - Detecting and Adding Phones	
	Automatic Scan for Telephones	
	Search now Server IP-Address: (192.168.200.101 V)	
	0% IP range to search: 192.168.200.0 - 192.168.200.255	
Phone	Configured Devices	
	Quantity Type	
Lines		
User		
	Add Additional Telephones: Manually Specify IP range to search Show List	
	Back Next	2
🞒 Done		🔮 Internet

Click 'Next'.

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File Edit View Favorites Tools Help	<u></u>
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Step 2 - Configuration of Phone Numbers	
Line Configuration	
Configuration Lines Emergency Call	
Phone National Preselection: 0049 Local Preselection: 721	
Prefix:	
Deposit: None Internal Number:	
Internal Numbers	
Lines Number Range: 10 to 99	
User	
Save Apply Cancel	
Back Next	
Done and the second sec	ernet

In 'Number Range' specify the range of internal numbers, then save the changes.



🚰 STARFACE VoIP Software - Microsoft Internet Explorer	
File Edit View Favorites Tools Help	22
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Step 2 - Configuration of Phone Numbers	
Line Configuration	
Configuration Lines Emergency Call	
Phone National Preselection: 0049 Local Preselection: 721	
Prefix:	
Deposit: None Internal Number:	
Internal Numbers	
Lines Number Range: 10 to 99	
User	
Save Apply Cancel	
Back Next	
Done	🖉 👔 Internet

Click 'Next'.

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	Step 3 - Adding User		
	User: Register new		
	User Data		
	Login Data		
Phone	Login-ID: 0001	Password: Random password	
	User Data		
	Last Name:	First Name: 🛛 Authorization: 🗹 Administrator	
	E-Mail: Me	ssage	
Lines	Call Number Assignment Ple Internal Call Number 18 19 20 21 22 23 24 Telephone Assignment - none -	ase register at least one administrator and hember his or her login-ID and password.	
		Save Apply Cancel Back Finish	
Done			🖉 Internet

The third step of initial configuration is obligatory. You need to create at least one user with administrator rights.

Attention!!! Only users with administrator rights can configure Starface PBX.

STARFACE VoIP Software - Microsoft Internet Explorer	- 8 >
Rack + 🔿 - 🔽 🔊 🔨 🕜 Gaarch 🖓 Bauronhae 📭 🗇 - 🧏 🔟 - 🦳 🗐 -	
Andry - Control Manager - Man	
Step 3 - Adding User	
User: Register new	
User Data	
Cogin Data	
Phone Login-ID: 0001 Password: Random password	
User Data	
Last Name: smith First Name: john Authorization: 🗹 Administrator	
E-Mail: John@mail.com Voicemail Box: 🗹 activate	
Call Number Assignment	
10 - none - 11 - 12 - 13 - 14 - 15 - 16 -	
Telephone Assignment	
- none -	
Saye Apply Cancel	
Back (Finish)	

Enter 'Password' ('Login-ID' is created automatically). Enter user data (Last Name, First Name, E-Mail). Pick 'Internal Call Number' for this user. Save the changes.





STARFACE Vol	IP Software - Mi	crosoft Internet Explore	r						_ 8 ×
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	Step 3 - Addin	red users:							
	All Users	A-C D-F G-J	K-M N-P	O-T U-W	X-Z				
Phone		Search	Rows	: 10 ~	© ®	Page 1/1	> $>$		
	Last Name 🔺	. First Name	External No.	Internal	Primary Phone	1	~		
	smur	John		10	SIP/Default	61	Â		
							Ð		
Lines									
User									
	New user								
					Ва	ack F	inish		
Done							40	internet	

Click 'Finish'.

The initial configuration of Starface is now finished.



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		COMFORTPHONING
	Login Login ID Password	
Done		Internet

A new window appears. Log in to the administrator account that you have created during initial configuration.



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*	Call	□ Redirect	Call Lists	Q Addressbook	co Voicemail	Keys	්ත් Conference	Preferences	→ Logout		STARFACE COMFORTPHONIN
) (E) Dor	e										🔮 Internet

Once you have logged in, you are in main menu of Starface.



4.2 Adding new user

🚰 http://192.168.200.101 - STARFACE VoIP Soft	tware - Microsoft Internet Explorer
File Edit View Favorites Tools Help	
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Call Redirect Call Lists Addres	Ssbook Voicemail Keys Conference Preferences Logout
	Preferences
(12)	User: john smith
Admin	User Data Redirect Phones Voicemail Groups Phone-Plugin Add-ons
	Last Name: smith First Name: john
	Login-ID: 0001 Password: Change Password
	E-Mail: john@mail.com Language: Default 🗸
	Save Apply Cancel
Ce Done	i i i i i i i i i i i i i i i i i i i

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Click Preferences and then 'Admin' button to get to the configuration area.

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http://192.168	8.200.101 - STARFA	CE Administration - M	licrosoft Internet Exp	orer		
	General					
	List of registere	d users:				
Users	All Users	A-C D-F G-	J K-M N-P	Q-T U-W	X-Z	
Groups		Search	Rows	: 10 ~	۵ ک	Page 1/1 🕥 📎
	Last Name 📥	First Name	External No.	Internal	Primary Phone	<i>a</i> ×
Phones	smith	john		10	SIP/default	
Conference						+
Addressbook						
•						
Voiœmail						
Routing						
Lines						
Server						
Statistic						
*+	New user					
Extended Settings						Close
Done						Internet

Open 'Users' tab.

Than click the Add symbol • to add new user.



	General	
Lisers		
- Oseis	User Data	
	Login Data	
Groups	Login-ID: 0002 Password: ******* Random password	
	User Data	
Phones	Last Name: brown First Name: mark Authorization: 🗌 /	Administrator
Conference	E-Mail: mark@mail.com Voicemail Box: 🗹 activate	
-	Call Number Assignment	
	Internal Call Number External Call Number:	_
Addressbook	11 - none -	
-		
Voiceroail	13	
voicernaii	14	
.7	15	
Routing	17	
	Telephone Assianment	
Lines		
	- none -	
Server		
N		
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*+	Save Apply	Cancel
Extended	U	Class
Settings		U.IIINE -

Enter 'Password' ('Login-ID' is created automatically). Enter user data (Last Name, First Name, E-Mail). Pick 'Internal Call Number' for this user. Save the changes.

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General						
List of regis	tered users:					
All Users	A-C D-F G-J	K-M N-P	Q-T U-W	X-Z		
	Search	Ro	ws: 10 V	۵ ۵	Page 1/1	⊘
Last Name	🔺 First Name	External No.	Internal	Primary Phone	A	
brown	mark		11	SIP/default		X
smith	john		10	SIP/default	Ì	X
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	_					
New use	r)					
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New user appears in the 'Users' tab.



4.3 Adding new phone

http://192.168.	.200.101 - STARFACE Administration - Microsoft Internet Explorer	
(General	
	List of configured phones	
Users	All phones A-C D-F G-J K-M N-P Q-T U-W X-Z	
Groups	Search Rows: 10 V © Page 1	/1 ③ ≫
2	State Device Type 🔺 Device Name IP Zugeordnete Personen	
Phones		(+)
202		40
onference		
1		
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oloemali		
outing		
Lines		
Server		
\sim		
Statistic		
*+	Add Additional Telephones: Manually Sear	ch again
Extended Settings		Close
ne	📔 📔 👘 Interne	t d

Open 'Phones' tab. Than click 🛨 to add new device.



ttp://192.168.20	00.101 - STARFACE Administration - Microsoft Internet Explorer
Ge	neral
	Device: Add New
Jsers	Details
iroups T T S hones	Felephone Type: aastra480i Functionality: Phone Phone Felephone name: Image: Comparison of the system of the syste
E	Extended Configuration
	Options
	nat: Codecs: alaw,ulaw restr. to IP:
	Save Apply Cancel
3	Close



Image: Server IP-Address: aastra480i Password: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Random passw Image: Server IP-Address: allnet7950 Image: Server IP-Address: Image: Server IP-Address: Image: Server IP-Address: Siemens openstage 60 Siemens openstage 60 Siemens openstage 60 Siemens openstage 60 Siemens openstage 60 Siemens 0penstage 60 Siemens 0penstage 60 Siemens 020 snom300 snom300 snom300 snom300 Snom300 snom300 snom300 snom300 snom300 Snom300
Users Details Telephone Type: aastra480i aroups Telephone name: Telephone name: alinet7910 alinet7910 alinet7950 alinet7950 alinet7950 Server IP-Address: elmegIP290 FrizBox-phone GXP2000 Handytone286 Last known Device-IP: Inference options Inat: Siemens Openstage 60 Siemens Openstage 60 Siemens s450ip Siemens Montage 80 siemens 450ip siemens 3450ip sinom320 snom300 snom300 snom300 snom300 snom300 snom300 snom300 snom370
Telephone Type: aastra480i Functionality: Phone Phone Telephone name: aastra480i Password: Random passw Server IP-Address: allnet7910 allnet7950 Last known Device-IP: emergIP290 FritzBox-phone GXP2000 FritzBox-phone V Options LinksysPAP2 Siemens Openstage 60 ssbook Siemens openstage 60 Siemens s450ip snom190 snom220 snom300 snom300 snom300 snom300 snom300 snom300 snom370
SPA1001 SPA2000 SPA2002 SPA841 Standard Sip thomson2030 new

Pick 'Standard Sip' from the list.

пет	

Device: Edit Details Telephone Type: Standard Sip Y Functionality: Phone Y Telephone name: isoftphone Server IP-Address: 192.168.200.101 Y Last known Device-IP: Extended Configuration Options nat: choose Codecs: alaw.ulaw restr. to IP:	General			
Details Telephone Type: Standard Sip Telephone name: isoftphone Password: isoftphone Server IP-Address: 192.168.200.101 Last known Device-IP: Extended Configuration Options nat: choose Codecs: alaw.ulaw restr. to IP:	Device: Edit			
Telephone Type: Standard Sip Telephone name: isoftphone Password: isoftphone Random password Server IP-Address: 192.168.200.101 V Last known Device-IP: Extended Configuration Options nat: choose V Codecs: alaw,ulaw restr. to IP:	Details			
Extended Configuration	Telephone Type: Telephone name: Server IP-Addres	Standard Sip V isoftphone	Functionality: Phone Password: isoftphone Random passw Last known Device-IP:	vord
Options nat: choose Codecs: alaw,ulaw restr. to IP:	Extended Confi	guration		6
nat: choose Codecs: alaw,ulaw restr. to IP:	▼ Options			
	nat: Codecs: restr. to IP:	choose V		

Enter 'Telephone name' and 'Password'. Save the changes.



o://192.168.200.101	- STARFACE Administ	ration - Microsoft Int	ernet Explorer		_
Genera	al l				
List of	configured phones				
sers All p	hones A-C C	-F G-J K-M	N-P Q-T U	J-W X-Z	
pups	Se	arch	Rows: 10 Y	۵ ۵	Page 1/1 🕥 🤅
State	Device Type 🔺	Device Name	IP	Zugeordnete Person	en
	Standard Sip	isoftphone			
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stic					
+ Add	Additional Telephones	: Manually			Search again
led					\frown
ngs					Close
¢ + Add tended ettings	Additional Telephones	:: (Manually)			Search agair Close

New phone appears in 'Phones' tab.

You can now setup your iSoftPhone (see chapter 5).



://192.168.200.10	1 - STARFACE Administr	ation - Microsoft Int	ernet Explorer	_
Gener	al			
List o	f configured phones			
sers All	phones A-C D	-F G-J K-M	N-P Q-T U-W	x-z
pups	Se	arch	Rows: 10 V	🛞 🔇 🛛 Page 1/1 🕖 🤇
State	DeviceType 🔺	Device Name	IP Zugeo	ordnete Personen
es 📕	Standard Sip	isoftphone	192.168.200.59	
_				+
in role				
pok				
ail				
g				
tic				
Add	Additional Telephones	: Manually		Search again
ed				
gs				Close

Refresh 'Phones' tab.

The green led means that your iSoftPhone has successfully registered on Starface (after you have configured iSoftPhone).



4.4 Assigning phone to a user

General						
List of register	rea users:					
All Users	A-C D-F G-	J][K-M][N-P]	Q-T U-W][x-z]		
	Search	Rows:	<u> 10 </u>	۵ ک	Page 1/1	Ø
Last Name 🔺	First Name	External No.	Internal	Primary Phone		
smith	john		10	IAX2/1001	<u> ৰ</u> দ্দ	×
						÷
						-
New user						
						_
					Clo	se
					Internet	

Click the Edit symbol \checkmark to edit the settings of user account.



:p://192.168.200.101 - 9	STARFACE Administration - Microsoft Internet Explorer	_ 🗆 ×
General		
User: jo	hn smith	
Users User D	ata Redirect Phones Phone Numbers Group Membership Rights	
Groups Last Nam	ne: smith First Name: john	
Login-ID): 0001 Password: Random password	
E-Mail:	john@mail.com Language: Default Y	
ence		
book		
il		
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tic		
	(Save) (Apply) (Can	cel
+ L		
ngs		se
	🙆 Internet	

Open 'Phones' tab.



p://192.168.200.101 - STARFACE Administration - Microsoft Internet Explorer	X
General	
User: john smith	
User Data Redirect Phones Phone Numbers Group Membership	Rights
Primary Phone: IAX2/1001 Call Waiting Indication: V act	ivate 🚺
Telephone Ringing Number	Active i
> IAX2/1001	
	Ŧ
(Add Phone) (Save	Apply Cancel
	Close
	💙 Internet

Click the Add symbol 🗭 .



General User: john smith User Data Redirect Phones Phone Numbers Group Membership Rights Primary Phone: IAX2/1001 Call Waiting Indication: activate Telephone Ringing Number Active IAX2/1001 Select A Telephone SIP/isoftphone Select Cance Add Phone Save Apply Cancel	General User: john smith User Data Redirect Phones Phone Numbers Group Membership Rights Primary Phone: IAX2/1001 Call Waiting Indication: activate Telephone Ninging Number Active Telephone Select A Telephone Select Cancel Select Cancel Add Phone Save Apply Cancel Close	/192.168.200.101 - STARFACE Admini	istration - Microsoft Internet Explorer	
User: john smith User Data Redirect Phones Phone Numbers Group Membership Rights Primary Phone: LAX2/1001 Call Waiting Indication: @ activate Telephone Ringing Number Active IAX2/1001 Select A Telephone SIP/isoftphone SIP/isoftphone Select Cancel Add Phone Save Apply Cancel	User: john smith User Data Redirect Phones Phone Numbers Group Membership Rights Primary Phone: TAX2/1001 Call Waiting Indication: @ activate Telephone Ringing Number Active IAX2/1001 Select A Telephone SIP/isoftphone SIP/isoftphone Select Cancel Add Phone Save Apply Cancel Close	General		
User Data Redirect Phones Phone Numbers Group Membership Rights Primary Phone: IAX2/1001 Call Waiting Indication: I activate I IAX2/1001 Select A Telephone I I IAX2/1001 Select A Telephone I I IAX2/1001 Select A Telephone I I SIP/isoftphone I I I Select Cancel I I Add Phone Save Apply Cancel	User Data Redirect Phones Phone Numbers Group Membership Rights Primary Phone: IAX2/1001 Call Waiting Indication: a ctivate IAX2/1001 Select A Telephone Image: Colore Colore IAX2/1001 Select A Telephone Image: Colore IAX2/1001 Select A Telephone Image: Colore IAX2/1001 Select A Telephone IAX2/1001 Select A Telephone IAX2/1001 Select Cancel IAX2/1001 IAX2/1001 IAX2/1001 IAX2/1001 IAX2/1001 IIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	User: john smith		
Primary Phone: IAX2/1001 Telephone Ringing Number IAX2/1001 Select A Telephone IAX2/1001 Select A Telephone IAX2/1001 Select A Telephone IAX2/1001 Select Cancel Add Phone Save Add Phone	Primary Phone: IAX2/1001 Telephone NAX2/1001 Select A Telephone SIP/isoftphone Select Cancel Add Phone Save Apply Close	User Data Redirect	Phones Phone Numbers Group Membership Righ	its
Telephone Ringing Number Active I IAX2/1001 Select A Telephone IX SIP//isoftphone IX IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Telephone Ringing Number Active IAX2/1001 Select A Telephone IX SIP/isoftphone Image: Sip/isoftphone Image: Sip/isoftphone Sip/isoftphone Image: Select Cancel Image: Select Cancel Add Phone Save Apply Cancel	Primary Phone: IAX2	/1001 · Call Waiting Indication: ☑ activate	i
IAX2/1001 Select A Telephone SIP/isoftphone + SIP/isoftphone + Select Cancel Select Cancel	IAX2/1001 Select A Telephone SIP/isoftphone + Select Cancel Select Cancel	Telephone	Ringing Number	Active i
Add Phone Save Apply Cancel	Add Phone StP/isoftphone Select Cancel Save Apply Cancel Close	▶ IAX2/1001	Select A Telephone	
	Close	Add Phone	SIP/isoftphone	(+) Apply Cancel

Select a phone. Click 'Select'.



G	eneral	
	User: john smith	
ers	User Data Redirect Phones Phone Numbers Group Membership Rights	
·s	Primary Phone: IAX2/1001 V Call Waiting Indication: V activate	<u>i</u>
	Telephone SIP/isoftphone Ring n Number	Active i
	IAX2/1001	
	SIP/isoftphone	✓ ×
		(+)
L		
L		
ŀ		
L	(Add Phone) (Save) (Apply)	Cancel
		Close

Pick 'Sip/isoftphone' from the list. Set iSoftPhone as your primary phone.

"IAX2/..." is a Plug-in phone integrated in Starface.



//192.168.200.101 - STARFACE Administration - Microsoft Internet Explorer		_ 🗆 >
General		
User: john smith		
User Data Redirect Phones Phone Numbers Group Membership	p Rights	
Primary Phone: SIP/isoftphone Call Waiting Indication:	🗹 activate	I
Telephone Ringing Number	Acti	ve i
> IAX2/1001		
> SIP/isoftphone		
		()
		-
Add Phone	Save Apply C	ancel
		Close

Save the changes.

5		3
n	e	-

nttp://192.168	.200.101 - STARF#	CE Administration - M	icrosoft Internet Exp	lorer		
	General					
	List of registere	d users:				
Users	All Users	A-C D-F G-J	K-M N-P	Q-T U-W	X-Z	
Groups		Search	Rows	: 10)	ی (۵)	Page 1/1 📀 🍉
	Last Name 🔺	First Name	External No.	Internal	Primary Phone	<i>a</i> ~
Phones	smith	john		10	SIP/isoftphone	
Conference						+
្រា						
Addressbook						
-						
Voiœmail						
Routing						
Lines					C	6
Server						8
statistic	New user					
Extended						
settings						Close
one						Internet

Now in 'Users' tab you can see the name of a phone assigned to 'john smith'.



🎒 http://192.168.:	200.101 - STARFACE Administr	ation - Microsoft Inte	ernet Explorer			<u>_ ×</u>
0	eneral					
	List of configured phones					
Users	All phones A-C D	-F G-J K-M	N-P Q-T U-1	N X-Z		
Groups	Sea	arch	Rows: 10 Y		≪ < Page 1/1	> >>
	State Device Type Standard Sin	Device Name	IP 192,168,200,59	Zugeordnete smith john	Personen	×
Phones	 Standard Sip 	isorchione	192,100,200,39	siniar joini	<i>w</i>	
Conference						+
Addressbook						
Voicemail						
Routing						
Lines						
Server						
Statistic						
*+	Add Additional Telephones	Manually			Search a	igain
Extended Settings					C	lose
🙆 Done					🔮 Internet	

In 'Phones' tab you can see the name and IP address of the user assigned to 'isoftphone'.



4.5 Adding new SIP line

🕲 http://192.16	8.200.101 - STARFACE Administration - Mozilla Firefox	_ 🗆 🗙
	General	
	Line Configuration	
Users	Configuration Lines Emergency Call	
Groups	National Preselection: 0048 Local Preselection: 61	i
-	Prefix:	
Phones	Deposit: 💿 None 🔿 Internal Number:	
(45 ⁵)	Internal Numbers	
Conference	Number Range: 10 to 99 Apr	
Addressbook		
•		
Voicemail		
Routing		
Lines		
Server		
Statistic		
* +	Save Apply Can	cel
Extended Settings		se)
7-1		

Open 'Lines' tab.

Fill the 'National preselection' and 'Local preselection' fields. Optionally set a prefix for external calls and 'Deposit'.

Save the changes.



tp://192.16	8.200.101 - STARFACE Administration - Microsoft Internet Explorer	
	General	
	Line Configuration	
Users	Configuration Lines Emergency Call	
	Line Allocation	
roups		(
2		4)
nes		
8		
rence		
book		
Iall		
es		
-		
/er		
2		
tistic		
+	New Line	Save Apply Cancel
ended Hipas		
comys		Close
,		🔹 🚺 💓 Internet

Open 'Lines' tab.

Click the Add symbol 🛨.



Select your SIP Provider from the list. If your provider is not on the list, pick 'new...'.

If you have selected Provider from the list go to page 36.



General				
Edit Provider				
Provider Name:	freeconet			i
Line Protocol	SIP			
Line Configurat	ion			
type:	(friend Y)	host:	213.218.116.65	
dtmfmode:	(rfc2833 V)	permit:		
auth mode:	Username/Pass' 💙	deny:		
auth:	plaintext v	canreinvite:	no v	
nat:		disallow:	all	
allow:	ulaw,alaw			
insecure:	very	progressinband:		
port:		qualify:	no v	
defaultip:		rtptimeout:		
rtpholdtimeout:		mask:		
fromdomain:	sip.freeconet.pl	fromuser:		
Number Displa	y:			
type:	(rfc3261 V)			
format incoming:	(0011 (222) XXX)	format outgoing:	(0011 (222) XXX →)	
		(Save Delete Can	icel

Enter configuration data.

Provider Name – the name of your SIP provider host – IP address of your SIP provider fromdomain – domain name of your provider

Save the changes.



tp://192.168.20	00.101 - STARFACE Administration - Microsoft Internet Explorer	
Ge	eneral	
	Line Configuration	
· /	Configuration Emergency Call	
	Line Allocation	
· ·	Provider Connection Line Number: 1 Name:	×
	Provider: freeconet Provider Status: User Name: mil Password: my password Provider Number Area Extended	
book		+
D		
stic		
	New Line Save Apply	Cancel
ed Js		Close
e		ernet

Enter the name of SIP line.

Enter 'User Name' and 'Password' to your account at external SIP Provider.



cp://192.160	8.200.101 - STARFALE Administration - Mozilia Firefox		
	General		
	Line Configuration		
Users	Configuration Lines Emergency Call		
	Line Allocation		
Groups	Provider Connection Line Number: 1	Name: freeconet	×
8	Number Format: (0049 1234 5678)	Ĩ	
Phones	Number Type Number	Number Area	
245	Single Number > 0048616690536	∆ <mark>⊮c</mark> ×	
Conference	Single Number (h) Number Block	4	
1	Provider Number Area Extended		
ddressbook		_	
		+)
Voiœmail			
Routing			
Lines			
Server			
Statistic			
* +	New Line	Save Apply Ca	ncel
Extended			
ocuriys			ose

Enter Single Number/Number Block assigned to your account by your SIP provider.



http://192.168.	200.101 - STARFACE Administration - Microsoft Internet Explorer	_ 🗆 ×
(General	
	Line Configuration	
Users	Configuration Emergency Call	
	Line Allocation	
Groups	Provider Connection Line Number: 1 Name: freeconet	×
Phones	National Preselection: 0048 Local Preselection: 61 Line Prefix: ** 1 *	
Conference	Deposit: Default O Internal Number:	
Addressbook	Max Connection:	
	Manual Configuration Active:	
Voidermail	Provider Number Area Extended	
	(+)	
Rodang		
Lines		
Server		
Statistic		
*+	New Line Apply Can	cel
Extended Settings		se
Done	🔰 🚺 🔮 Internet	

Enter your country code ('National preselection') and regional code ('Local Preselection').

If multiple lines have been configured, you can define 'Line prefix' to direct calls via a specific line.

Save the changes.

X
пет

p://192.168.2	200.101 - STARFACE Administration - Microsoft Internet Explorer	
G	ieneral	
	Line Configuration	
	Configuration Emergency Call	
	Line Allocation	
	Provider Connection Line Number: 1 Name: freeconet	×
	Provider: freeconet Provider Status: Registered User Name: mil Password: my password Provider Number Area Extended)
	New Line Save Apply Car	cel
1	Cia	ise
	🛛 👘 Internet	

Provider Status: Registered means that Starface has successfully registered on the SIP server of your Provider.

😻http://192.16	58.200.101 - STARFACE Administration - Mozilla Firefox	
	General	
	Routing Properties	
Users	Properties Cost Optimized Routing	
Groups	Routing Priority: No routing	i
Phones	Routing during unav COR Rule Line Calls: to Depos Line + COR	i
Conference		
Addressbook		
Voicemail		
Routing		
Lines		
Server		
Statistic		
* +	Save Can	sel
Extended Settings	Clo	se
Zakończopo		

Open 'Routing' tab. Select desired 'Routing Priority' from the list. If you have only one external line configured, select 'No routing'.

Gener	ral	
Rout	ing Properties	
Kode		
Pro	operties Cost Optimized Routing	
Rout	ing Priority: No routing	
Rout	ting during unavailability	
Calls	s; to Deposit V	
	Say	Cancel
	· · · · · · · · · · · · · · · · · · ·	

Save the changes.





4.6 Assigning external number to internal user (for incoming calls)

To receive incoming external calls, you have to assign an external number to one of internal users/groups.

List of registered users: All Users A-C D-F G-J K-M N-P Q-T U-W X-Z Search Rows: 10 V @ Page 1/ Last Name A First Name External No. Internal Primary Phone smith john 10 SIP/isoftphone A	
All Users A-C D-F G-3 K-M N-P Q-T U-W X-Z Search Rows: 10 V & Page 1/ Last Name A First Name External No. Internal Primary Phone smith john 10 SIP/isoftphone A	
Search Rows: 10 V C Page 1/ Last Name A First Name External No. Internal Primary Phone smith john 10 SIP/isoftphone Image: Signature of the second	
Last Name First Name External No. Internal Primary Phone smith john 10 SIP/isoftphone smith john 10 SIP/isoftphone New user New user New user	je 1/1 💿
smith john 10 SIP/isoftphone	
New user	×
New user	- Ŭ (Ŧ
New user	
(
Toternet	Close

Open 'Users' tab. Click the Edit symbol 🖌 .



tp://192.168	3.200.101 - STARFACE Administration - Microsoft Internet Explorer	
	General	
1	User: john smith	
Users	User Data Redirect Phones Phone Numbers Group Membership Rights	
Groups	Display Number: no display Primary Number: 10	v)
8	Phone Number Default Rule	i
hones	10 Standard Call V	×
åð ference		R
essbook		
remail		
-		
Jang		
nes		
rver		
+	Add Number Save Apply	Cancel
nded ings		Close
Extended Settings	👔 Intern	Close

Open 'Phone Numbers' tab. Click the Add symbol •.



	General	
-	User: john smith	
Users	User Data Redirect Phones Phone Numbers Group Membership Rights	
Groups	Display Number: (no display Y) Primary Number: (10	
0	Phone Number Default Rule	
Phones	10 Select Phone Number	×
Conference	Internal Phone Number: External Phone Number: 11 12 13 14 15 16 16 17 18 19 20 1 21 22 22 Image: Cancel Concel	+
# +	Add Number Save App	oly Cancel
Extended Settings		Close

Select external phone number. Click 'Select'.



.100.2	100-TOT - STAKFALE Administr	ación - Muzilla Firefux		-
G	eneral			
) u	lser: john smith			
	User Data Redirect	Phones Phone Numbers	Group Membership Rights	
5)isplay Number: 🔵 no displ	ay V	Primary Number: 10)
	Phone Number	Default Rule		
s	10	Standard Call 💙		×
1	0048616690536	Standard Call 💙		×
e				
				Ŧ
ook				
sil				
3				
-				
-				
_				
	Add Number		Save Apply	
			<u>(</u>)	
ed I				-
ed s				Close

Save the changes.

K	V	2
Z		
n	е	т

General						
List of registe	ered users:					_
All Users	A-C D-F G-J	K-M N-P	Q-T U-W	X-Z		
	Search	Rows:	10 V	> >>	Page 1/1	⊘
_ast Name 🏼	 First Name 	External No.	Internal	Primary Phone		
smith	john	0048616690536	10	SIP/isoftphone	ø	\times
					(+
New user						
					6	lose

In 'Users' tab you can see the external number assigned to internal user 'john smith'. All incoming external calls will be now directed to this user.

5. Configuration on iSoftPhone 1.4

Once iSoftPhone 1.4 is installed then SIP server settings must be configured.

5.1 Configuring SIP server account

To configure SIP server account please press the icon is from the bottom toolbar of iSoftPhone.



5.2 Preferences "Register/Credits"

In the new appeared "Preferences" window please select "My SIP accounts" tab.

	Preferences
-	Register/Credits My SIP accounts Interface
Provider:	iPphone 🛟
	• Create new SIPphone account
	If you don't have an account and you want to create one on SIPphone server.
	O Buy a credit for my SIPphone account
	If you have an account on SIPphone server and you want to charge it
	O Configure iSoftPhone for my existing SIP account
	If you have an account on other server and you want to configure iSoftPhone to use it
	O Find my friend on SIPphone
	Search SIPphone for any person
	Cancel



5.3 Preferences "My SIP accounts"

The empty "My SIP accounts" tab was shown below.

Register/Credit	ts My SIP accounts Other
New SIP account (10)	+
Server address:	
Username:	
Password:	Show
Display name:	
Authorization name:	
Enabled: 🗆	
Audio codec	
Choose Automatically PCMU PCMA GSM G726-32 iLBC	Automatic choice The codec will be negotiated with a SIP server.
Connection settings	
Listen RTP port: 10 STUN server: Outbound proxy:	0500





To configure SIP account that was created on Starface PBX please press the

icon 🛃 and fill up parameters as was shown below.

New SIP account (10)	
New SIP account (10)	• + -
Server address:	192.168.200.101
Username:	isoftphone
Password:	Show
Display name:	
Authorization name:	isoftphone
Enabled:	\mathbf{Z}
Audio codec	
Choose Automatically PCMU PCMA GSM G726-32 iLBC	Automatic choice Automatic choice The codec will be negotiated with a SIP server.
Connection settings	
Listen RTP port:	10500
STUN server:	
Outbound prover	

Server address: IP address of the Starface server

Username/Authorization name: **Telephone name for this phone** (see chapter 4.3)

Password: **Password for this phone** (see chapter 4.3)

After all please confirm settings by pressing "OK" button.

5.4 Registration on SIP server account

Once SIP account settings were configured then iSoftPhone will try to connect and register on Starface PBX. The process was shown below.



When all parameters were configured properly and iSoftPhone successfully registered on Starface PBX then application window will look as shown below.









Congratulations! You have successfully configured iSoftPhone with Starface PBX.



6. Making calls

Making calls from iSoftPhone is easy! Just enter the number to dial and hit <ENTER> or press button. Below was shown sample call process for dialed internal number 10.





Once the connection is established then iSoftPhone display's will look like shown below.

	iSoftPhone ®			
Call establ	ished			
0:40		РСМО		
	10			
1 2	34	5 +		
•	÷			
1	2	8		
4	5	6		
7	8	9		
*	0	#		
	/n B	⊗		
	\Box			

To finish the connection just hit <ESC> or press button. Once the connection is finished then iSoftPhone display's will look like shown below.



iSoftPhone ®		
1 2	3 4	5 +
•	+	-
1	2	З
4	5	6
7	8	9
*	0	#
	<i>i</i> =	8 H

7. Verification steps

The following steps can be used to verify and/or troubleshoot installations in the field.

- 1. Configure phone on Starface PBX for the iSoftPhone. After configuring the iSoftPhone, verify that the "Attached to..." message appears in the upper left corner of the display, indicating that registration has occurred.
- 2. Verify that the extension shown in the brackets (in our example <isoftphone> is the desired value.
- 3. If "Not logged to server." or "Not attached to server" is displayed,



Not logged	iSoftPhone to server.	R
<u> </u>	3 4 (5 +
1	2	8
4	5	6
7	8	9
*	O	#
		∾ •

use the following to troubleshoot the problem: Check in Preferences "My SIP accounts" settings if the correct IP address of Starface PBX is entered. If "Connecting..." is displayed for a long time



	iSoftPhone	
Connecting	ļ	
19	22.168.200.1	01
1 2	3 4	5 +
-	←	-
1	2	З
4	5	6
7	8	9
*	0	#
		⊗ .(

please check that username and password is correct entered for this account in Preferences "My SIP accounts".

 Verify basic feature by making calls to other phones. If audio cannot be heard from an iSoftPhone, check the firewall/NAT settings to make sure that ports for VoIP communication are not blocked.



8. Support

For technical support of iSoftPhone please contact:

Internet: <u>http://www.call4mac.com/isoftphone/support.html</u> E-mail: <u>mac_support@xdsnet.de</u>