

Callback - How to set SMS Callback?

Basic description of this feature

- How does SMS CallBack work with 2N[®] VoiceBlue Lite device? Basically it is possible to send SMS to the telephone number of SIM card inserted in 2N[®] VoiceBlue Lite device and receive a callback connecting to a specific SIP extension. After sending the SMS in correct form, the gateway will call to the telephone number from which the SMS has been received. Once the call is picked up, you will be automatically connected with the required extension. 120 in the example.
- Call back from GSM to IP: GSMIP (VoIP)



- 2N XAPI Server v. 1.20A
- SMS CallBack centre v. 1.0 \rightarrow license needed

Instalation of 2N XAPI server

- On the link bellow you are able to find detailed manual how to install and set up 2N XAPI Server. http://www.2n.cz/en/products/extras/sms-server/downloads/
- Download sms-sever-manual-1en.pdf and follow the instructions from page 4 to page 8.
- For a SMS Callback purpose please create a specific user with these features (check SMS and SMR). Select Firm: D-Callback-2N. Set desired Name and password (in this example: jarda/jarda).



User	×
Name: Pass:	jarda ****
Rights STS CTI SMS	CMD AUT SMR
Firm: D-Call	OK Cancel

Basic settings of $2N^{\mathbb{R}}$ VoiceBlue Lite

• On following pictures there is explained how it is recommended to set up the device in order to provide you SMS CallBack feature.

VoIP parameters

Gateway Gateway control Settin	; Help	
Alphabetical glossary	VoIP parameters	
Gateway control	Codecs settings	
Gateway confrol Gateway confruitation System parameters GSM basic parameters GSM proups assignment GSM outgoing groups GSM incoming groups Prefixes LCR table CLP Routing table Mobility extension	Mode/protocol SIP Image: Constraint of the second sec	
	IP addresses :	
	SIP proxy (IP>GSM) : 0.0.0.0 🔽 Use default port 5060	
	SIP proxy (GSM-> IP) 192.168.50.5 Use default port 5061	
	SIP registrar : 0.0.0.0 🔽 Use default port	
	NAT frewall: 0.0.0	
	STUN server : 0.0.0.0 🔽 Use default port 3478	
	Next STUN server request : [600 [9] (60 - 6553s)	
	Tones generated to VoIP : Dial tone to VoIP : Transfer from GSI	
	Save to the gate Load from the gate Default Save to file	



• In SIP proxy (GSM->IP) set the IP address of PBX (192.168.50.5 in this case) and specify the listening port (5061 in the example). Remember that at least one extension must be connected to the PBX in order to receive the calls (we assigned 120).

GSM group assigment

🝵 VoiceBlue Program		
File Gateway Gateway control Settings Help		
Topics Alphabetical glossary	GSM groups assignment	
Gateway control Gateway control Gateway configuration VolP parameters GSM basic parameters GSM basic parameters GSM outgoing groups GSM incoming groups DPlefixes LICR table CLIP Rouling table Mobility extension Restart Dr	ignment: Outgoing: Incoming: 1. Group • 1. Group • 1. Group • 1. Group • 1. Group • 1. Group • 1. Group • 1. Group • to the pate Load from the gate refault Save to file	
Gate : [192.168.50.151] Connected, VoiceBlue Lite	Gateway : M113-0800080055, limited, Boot : 02.10 , Firmware : 02.07.3536	10

• GSM modules can be assigned up to 4 groups that can be independently assigned for incoming and outgoing calls. In this case all modules are assigned to Group 1.

GSM incoming groups



• In option "Mode" in the top part of window choose Report to PC +dial tone. Then fill + to the clip field.

Prefixes



📋 VoiceBlue Program				
File Gateway Gateway control Setting	ps Help			
	• 💥 🏧 📼 🚺			
Topics Alphabetical glossary			Prefixes	
Gateway configuration Gateway configuration System parameters GSM service parameters GSM service parameters GSM service assignment GSM outgoing groups GSM incoming groups DEM incoming groups LCR table LCR table LCR table Mobility extension	Prefix list 1 Prefix list 2 Prefix list 3	Prefix list 4 Prefix list 5 Pre	fix list 6 Prefix list 7 Prefix list 8	_
	Table of replaced prefixes :	Table of prefixes :	GSM network ID :	
	/+420	1 2 3 4 5 6 7 8 9	Default count of digits : 3 🚖	
	Add Edit	Add Edit		
	Remove Remove al	Remove	al	
	Los	d from the gate	Default Save to tile	
Gate : [192.168.50.151] Connected, VoiceB	lue Lite	Gateway : M113-0800080055,	mited, Boot : 02.10 , Firmware : 02.07.35i36	1

• Make sure the prefix configuration is properly set for your operator. On the example below the /+420 prefix is added (international prefix for Czech Rep.)

Add prefix 🛛 🔀
Prefix :
Replace with :
+420
Only these 0123456789*# characters are allowed
OK Cancel

LCR Table



🖠 VoiceBlue Program									
File Gateway Gateway control Sett	ings Help								
	🕨 🐺 💶 🖬 🚺	3							
Topics Alphabetical glossary		LCR table							
Gateway control	Prefix List	Valid from/to	Outgoing destination	Call duration limit					
Gateway configuration	1/	0:00/24:00	1	0	Add				
VolP parameters					Edit				
GSM basic parameters GSM groups assignment					Remove				
GSM incoming groups					Remove all				
Prefixes LCR table					Load from the gate				
CLIP Houting table Mobility extension					Save to the gate				
- Restart					Save to file				
					Default				
	l								
	Holiday list :								
		Date to move to summer time [dd.mm] :		00.00					
		Date to move to winter time [dd.mm] :		00.00					
		Add							
		Damage							
		nemove							
		Remove all							
		Default							
Gate : [192.168.50.151] Connected, Voic	eBlue Lite	Gateway : M113-0800080055.	limited, Boot : 02.10 . Firmware	: 02.07.35(36					

• Click to "Add" and fill required information in the first row (marked with red frame).

Form of activation SMS

- Because of structure of 2N[®] VoiceBlue Lite device you have send the SMS in this form *sg*Phone number of destination
 SMS example: *sg*120

Settings of SMS CallBack centre

Logging to XAPI



🗇 SMS Callback cen	tre				
Settings					
<u>s</u> * * =					
Users Tarifs templates		U	sers		
Groups Prefixes to GSM	Clip	Name	<u> </u>	New	
Prefixes to ISDN Settings Bouting	+420737276015	Jarda		Edit	
Trowing				Delete	
				Sort by CLIP Name	
10/11/01,14:03:37:**** Ca 10/11/01,14:03:37:**** Na 10/11/01,14:03:38:**** Sp 10/11/01,14:03:54:**** Co 10/11/01,14:03:55:**** Ca	' Ilback centrum nastartováno. vazuji spojení ojení nelze navázat nnecting XAPI server nnot connect to XAPI server				
Cannot connect to XAPI se	erver				

• It is necessary to login SMS Callback center to XAPI server. Username and password corresponds with XAPI server users settings. In this example it is jarda/jarda.

Settings		
IP address of XAPI serv	ver: 127.0.0.1	
Log parameters		
Username:	jarda	
Password:	****	
✓ Log to file ✓ Run after star of W OK	indows	Cancel

Users



SMS Callback cen	tre				_ 🗆 🖂
Settings					
<u>s</u> <u>></u> * =					
Users Tarifs templates		U	sers		
Groups Prefixes to GSM	Clip	Name	^	New	
Prefixes to ISDN Settings Routing	+420737276015	Jarda		Edit	
Trouting				Delete	
			III	Sort by CLIP Name	
			~		
10/11/01,14:19:54:*** Cor 10/11/01,14:19:54:*** Wa 10/11/01,14:19:54:*** Log 10/11/01,14:19:54:*** XA 10/11/01,14:19:54:*** VO	nnecting XAPI server aiting for answer gging in PI ver 1.20 A (44CF-9830) ICEBLUE found on port 'EG'	l'. Activated			~
10/11/01,14:19:54:*** Val	id license found. Maximum n	umber of users : 10000.			~
XAPI ver 1.20 A (44CF-98)	30)				

• Create a new user - fill the CLIP and in the field Tariffs of groups activate the interval 1.

User					
Name of user: CLIP of user:	Jarda	27276018	5		
Tarifs for group	05				Template
9 1		4	12	13 14	8
	Active	From:	To:	Credit [min:sec]	Remaining (min:sec)
Interval 1:	$\overline{\mathbf{v}}$	0:00	- 23:59	220:00	220:00
Interval 2:		0:00	- 0:00	0:00	0:00
Interval 3:	Γ	0:00	- 0:00	0:00	0:00
Interval 4:	Γ	0:00	- 0:00	0:00	0:00
Interval 5:	Γ	0:00	- 0:00	0:00	0:00
ОК					Cancel

Tariff templates



🗢 SMS Callback cen	ntre	- 0 🛛
Settings		
<u>s</u> <u>**</u> =		
Users Tarifs templates	Tarifs templates	
Groups Prefixes to GSM Prefixes to ISDN Settings Routing	Jarda New Edit Delete	
10/11/01,14:19:54:**** Co 10/11/01,14:19:54:**** Vo 10/11/01,14:19:54:**** Lo 10/11/01,14:19:54:**** Vo 10/11/01,14:19:54:**** Vo 10/11/01,14:19:54:**** Vo	zonnecting XAPI server Vaiting for answer ogging in /API ver 1.20 A (44CF-9830) /OICEBLUE found on port 'EG1'. Activated! /alid license found. Maximum number of users : 10000.	•
XAPI ver 1.20 A (44CF-98	830)	

• Create a new Tariff template by click to the button "New"

Template					
Name of user:	Jarda				
□ Tarifs for groun	18				Template
9 1	0 1	11	12	13 14	15
1 2	3	4	5	6 7	8
	Active	From:	To:	Credit [min:sec]	Remaining [min:sec]
Interval 1:	V	0:00	- 23:59	220:00	220:00
Interval 2:		0:00	- 0:00	0:00	0:00
Interval 3:		0:00	- 0:00	0:00	0:00
Interval 4:		0:00	- 0:00	0:00	0:00
Interval 5:	Γ	0:00	- 0:00	0:00	0:00
		,	,	,	,
<u>пк</u> [Cancel



Groups

SMS Callback centre						
Settings						
🔊 🕨 🕷 🖻						
Users Tarifs templates Groups Prefixes to GSM Prefixes to ISDN	Groups					
	Num of group: 1					
Settings Bouting	Groups prefixes					
	Add Add					
	Bemove					
10/11/01,14:19:54:**** Connecting XAPI server						
10/11/01,14:19:54:*** Waiting for answer						
10/11/01.14:19:54:*** XAPI ver 1.20 A (44CF-9830)						
10/11/01,14:19:54:*** VOICEBLUE found on port 'EG1'. Activated! 10/11/01 14:19:54:*** Valid license found. Maximum number of users : 10000						
XAPI ver 1.20 A (44CF-9830)						

- In the Group which we added a prefix is required. In the example the final destination is 120 so it is necessary to fill the prefix "1". Do not forget to set prefixes regarding the extension number which the call will be connected to.
- Other settings: The rest of configuration regarding Prefixes to GSM, Prefixes to ISDN Settings and Routing is recommended to remain as default.

More product information:

2N[®] VoiceBlue Next (Official Website 2N)