

2N® Helios IP Mobile v.4 - How to setup calling between 2N® Indoor Touch/Helios IP Mobile and 2N® Helios IP?

The 2N[®] Indoor Touch unit is designed for an audio and video communication with the 2N[®] Helios IP intercom. For this purpose we have pre-installed there the 2N[®] Helios IP Mobile application. Thanks to the application you can see all intercoms connected to the LAN, you are able to accept incoming audio/video calls, make outgoing calls to 2N[®] Helios IP intercom and also control locks connected to the intercom.

2N® Helios IP intercom FW & license It is strong recommended to use the latest FW version for $2N^{(8)}$ Helios IP intercom as available here or the FW version 2.13.3 at least.

The 2N[®] Helios IP Mobile application ver.4 does not need Enhanced integration or Gold license for the 2N[®] Helios IP intercom for door opening anymore.

How to configure 2N[®] Helios IP intercom?

F V.

As a very first step go to the section Directory – Phone Book", enable the desired position in the Phonebook and set the "Phone Number" to be dialled once you press an appropriate button of the intercom. If you want to call to the 2N[®] Helios IP Mobile application running in the 2N[®] Indoor Touch unit, the number has to be filled in a format: "device:name". In our example the device name "IDT" is being used, see please the picture below.



			2N Helios IP Vario	CZ EN DE FR IT E	S RU Logout
€	Directory	« < 1 2 3 4	5678	9 10 > »	Number > Q
.h		Position Enabled			
SO 2	Users >	User Basic Information) ~		7
~~~	Time Profiles		Name	2N® Indoor Touch	
	Access Cards		Photo		
			E-Mail		
			Virtual Number		
		Aut	hentication Mode	Simple	•
		User Phone Numbers	~		-
		Number 1			
			Phone Number	device:IDT	
			Time Profile	[not used]	•
		Heli	ios IP Eye Address		
		Parallel call to	following number		
		Number 2			
			Phone Number		
			Time Profile	[not used]	•
		Heli	ios IP Eye Address		

In the next step you can set the intercom to automatically pick up the incoming calls in order to easily reach it at

any time. Go to the section Services – Phone – Calls" and enable Automatic Pickup for incoming calls for both SIP1 and SIP2, see the picture below.

			2N Helios IP Verso	CZ   EN   DE   FR   IT   ES	RU Logout
¢	Services	SIP 1 SIP 2 Cal	ls Audio Video	2N Indoor Touch	
<b>⊧</b> \$ \$ \$	Phone > Streaming Onvif E-Mail	Incoming Calls	<ul> <li>Automatic Pickup (SIP1)</li> <li>Automatic Pickup (SIP2)</li> <li>Call Activation</li> <li>Activation Code</li> </ul>	✓ ✓ Automatic ✓	
	Automation	Outgoing Calls	*		]
	HTTP API		Ring Time Limit	32	[s]
	User Sounds		Call Time Limit Dial Cycles Limit	3	[s]
	Web Server				
	Audio Test				
	SNMP				



As a next step go to the section  $\bigotimes$  "Services - Phone - SIP 1" and fill in the "Domain" field. For direct calls from the 2N[®] Helios IP intercom to 2N[®] Helios IP Mobile application it is recommended to fill in the IP address of intercom as shown in the picture below (IP address of the intercom in this example is 192.168.50.10).

		2N® Helios IP Verso CZ   EN   DE	E   FR   IT   ES   RU	Logout
¢	Services	SIP 1 SIP 2 Calls Audio Video 2N Indoor Touc	ch	
+ & %	Phone > Streaming Onvif	Intercom Identity ~ Display Name 2N® Helios I Phone Number (ID) 111 Domain 192.168.50.1	P Verso	
	E-Mail	Authentication ~		1
	Automation	Use Authentication ID		
	HTTP API	Authentication ID		
	User Sounds	Password ••••••		
	Web Server	SIP Proxy ~		1
	Audio Test	Proxy Address 192.168.1.1		
	SNMP	Proxy Port 5060		

## How to set $2N^{\mathbb{R}}$ Indoor Touch/ $2N^{\mathbb{R}}$ Helios IP Mobile?

Once the  $2N^{\ensuremath{\mathbb{R}}}$  Indoor Touch is connected to the local network and powered (over PoE or using an external 12V DC/2A power supply) it will boot up and you see its initial screen (launcher). By clicking on the  $2N^{\ensuremath{\mathbb{R}}}$  Helios IP Mobile application icon in the right upper corner you can open it and access its settings.



To be able to receive calls on the  $2N^{\mbox{\ensuremath{\mathbb{R}}}}$  Helios IP Mobile you need to set the device name first. The device name is used by the intercom for the call routing instead of the IP address. Go to the section "Settings - Device name" and set the desired name, in our example we use "IDT", see the pictures below.



	Settings	9:58
	Settings	
	Do Not Disturb (DND)	
Call Log		
Dial Pad		
(i) About		
🔯 Settings		
? Help		
	ý á ī	<b>€</b>
	Settings	9:59
Devices	Device name indoortouch-19216850155	
 Call Loα	Autosnapshot Currently ON	ON
Dial Pad	2N@ Halias IP Graun Authentication	
(i) About	VOLUMES	
🔯 Settings	Volume Volume level	
? Help	•	50%
	5 A T	<b>a()</b> - <b>a()</b> -0
		10:54
Devices	ime	
		ON
Call Log	Cancel OK	
q w e r		o p •≊
		! ?
2 × C		

List of connected devices on 2N® Helios IP
 A list of registered Device names can be easily viewed on the 2N[®] Helios IP intercom in the menu Servic es - 2N[®] Indoor Touch, see the example below.



<ul> <li>Services</li> <li>SP 1 SP 2</li> <li>General 2</li> <li>Phone</li> <li>Streaming</li> <li>Onvif</li> <li>E-Mail</li> <li>Automation</li> <li>HTTP API</li> </ul>	Calls       Audio       Video       2N Indoor Touch         Settings >       arameters >         ed Devices ~       Number of Registered Devices       2         ber of Listening/Watching Devices       0
Phone General 3   Streaming Video Pa   Onvif Connected   E-Mail Nume   Automation Nume	Settings > arameters > ed Devices ~ Number of Registered Devices <b>2</b> ber of Listening/Watching Devices <b>0</b>
Phone > Streaming Video Pa Onvif Connecte E-Mail Automation Num HTTP API	ed Devices ~ Number of Registered Devices <b>2</b> ber of Listening/Watching Devices <b>0</b>
Streaming Video Pa	ed Devices ~ Number of Registered Devices 2 ber of Listening/Watching Devices 0
Onvif E-Mail Automation HTTP API	ed Devices ~ Number of Registered Devices <b>2</b> ber of Listening/Watching Devices <b>0</b>
E-Mail Automation Num	Number of Registered Devices 2 ber of Listening/Watching Devices 0
Automation Num	ber of Listening/Watching Devices 0
HTTP API	
	Show List of Registered Devices Show
User Sounds	
Services     SIP 1 SIP 2 Calls	
Registered 2N Indoor Touch Devices	
DEVICE NAME IP ADDRESS	SIP URI LAST REGISTRATION TIME
DEVICE NAME         IP ADDRESS           1         IDT         192.168.50.155	SIP URI         LAST REGISTRATION TIME           sip:IDT@192.168.50.155         15 Oct 10:55:02

The application automatically scans your LAN network and looks for all connected  $2N^{\mbox{\$}}$  Helios IP intercoms. You can easily add them in the "Devices" section by clicking on the "+" button.

						10:54
		I	Devices			
	Devices					
5	Call Log					
ŧ	Dial Pad			No devices		
(i)	About					
Ø	Settings					
?	Help					
		Û			<b>■{</b> }-	<b>■(</b> 1)





In the LAN devices list you can see all  $2N^{\mbox{\ensuremath{\mathbb{R}}}}$  Helios IP intercoms available. By clicking on the specific row you can add selected intercoms only, or by clicking on the checkbox in the right upper corner you can add all of them at once.

■ ◇								12:21
			Devices				$\checkmark$	
	Devices			LAN devices	Proxy devices			
5	Call Log	$\checkmark$	2N Helios II 192.168.50.13	P Vario 88				ď
	Dial Pad		2N Helios II 192.168.50.22	P Verso				ľ
()	About		2N Helios II	PEoroo				-4
ţ <u>i</u>	Settings		192.168.50.25	54				
?	Help		2N Helios II	P Verso				
		$\bigcirc$				<b>₩</b> }*	<b>•</b> (-)	



							12:21
			Devices				$\checkmark \blacksquare$
	Devices			LAN devices	Proxy devices		
Ę	Call Log	$\checkmark$	2N Helios I 192.168.50.1	P Vario ³⁸			Ľ
ŧ	Dial Pad		2N Helios I 192.168.50.2	P Verso 26			ď
í	About						
¢	Settings	$\checkmark$	2N Helios I 192.168.50.2	P Force ⁵⁴			ď
?	Help		2N Helios I	P Verso			
		$\bigcirc$				<b>€</b> ).	<b>(</b> ))

## Ø Display name change

By clicking on the pencil button you can also optionally change the display name for each  $2N^{\mbox{\ensuremath{\mathbb{R}}}}$  Helios IP i ntercom.

			12:20
		Devices	$\checkmark$ $\Box$
	Devices	LAN devices	Proxy devices
5	Call Log	2N Helios IP Vario 192.168.50.138	ď
ŧ	Dial Pad	2N Helios IP Verso 192.168.50.226	Ľ
(j	About		
Ø	Settings	2N Helios IP Force 192.168.50.254	Ĺ
?	Help	2N Helios IP Verso	<b>~</b> ≉
			12:21
		Device	✓ 🛢
	Devices	Device Device name 2N Helios IP Verso	✓ 🛊
	Devices Call Log	Device Device name 2N Helios IP Verso	✓ ∎
	Devices Call Log Dial Pad	Device Device name 2N Helios IP Verso	
	Devices Call Log Dial Pad About	Device Device name ZN Helios IP Verso	✓ ■
	Devices Call Log Dial Pad About Settings	Device Device name 2N Helios IP Verso	
□ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥	Devices Call Log Dial Pad About Settings Help	Device name ZN Helios IP Verso	



By clicking on the confirmation button vou have just added the desired local devices to the list and the application is ready to call.



By selecting the desired  $2N^{\mbox{\tiny (B)}}$  Helios IP intercom in the list of Devices you can watch the video stream, place a call, open the door lock, listen to the audio stream preview and also make an instant screenshot.







A Network requirements

In order to perform correctly, all components are required to be interconnected over appropriate Ethernet/Wi-Fi network parts as described in this FAQ: What LAN/Wi-Fi infrastructure do I need?

Read it please very carefully to avoid any video blackout or audio/video delay issues. Thank you.

More product information: Door & Security Intercoms (Official Website 2N)