

How to make a call between 2N® LiftIP and IP Phone



Info

This FAQ describes how to setup simple call between 2N® LiftIP and IP Phone.

- Always keep your device with the latest FW - [How to make a firmware upgrade on 2N® LiftIP](#)

* This parameter can be set via the voice menu (incoming call to 2N® LiftIP).

** This parameter can only be set via the Service Tool.

List of all parameters that can be configured can be seen in the manual - [Programming Function Survey](#)

Please keep on mind that if you will disable confirmation for alarm calls, then you are doing this at your own risk as there is no human interaction!

Direct call to IP Phone - without PBX

Connect to 2N® LiftIP

Connect to your 2N® LiftIP using 2N® LiftIP Service Tool which you can download - [here](#)

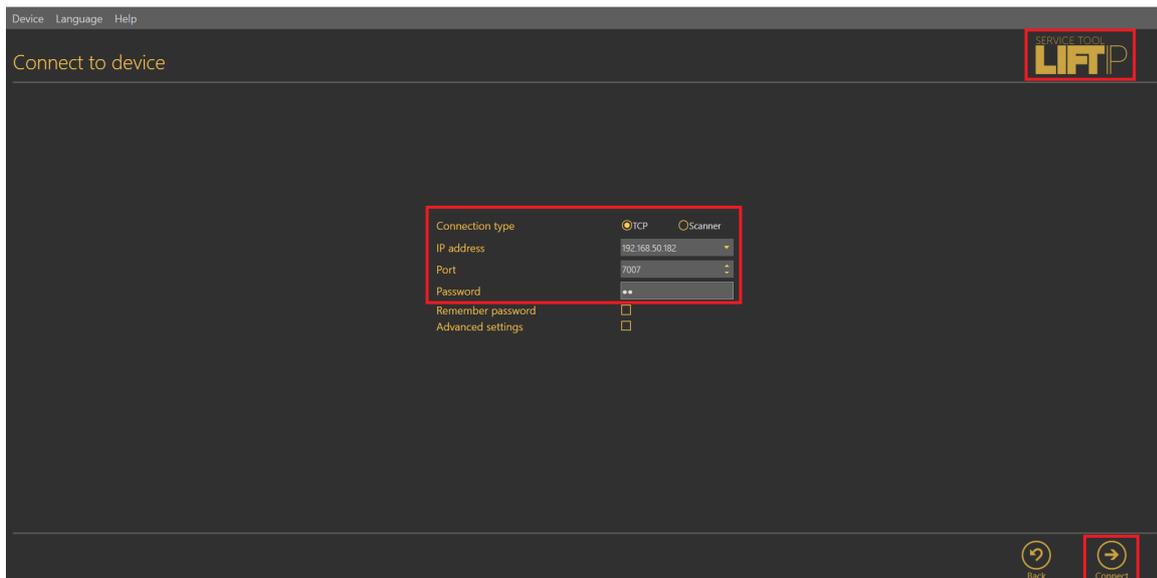
- It is necessary to use the 2N® Lift IP Service Tool as VoIP parameters can't be set via the voice (incoming call to 2N® LiftIP)

You can connect directly by choosing TCP and filling the correct IP address, Port and Password

If you don't know the IP address please use the FAQ - [How to get IP address of lift communicator 2N® LiftIP](#).

If you need to set Static IP address or DHCP please use this FAQ - [Static IP address - How to set up static IP address on 2N® LiftIP](#)

Press Connect



How to set the call destination

Go to Configuration - Parameters - Alarm Call -> and set following parameters:

011 =* IP address of your IP Phone, in our example we use "192.168.50.160"

018 =* Count of automatic dialing cycles for ALARM (011-016) * - when the destination doesn't pickup it calls again depending on the count of cycles you set

111 =* Alarm call memory confirmation mode - defines how the call is confirmed after pick-up

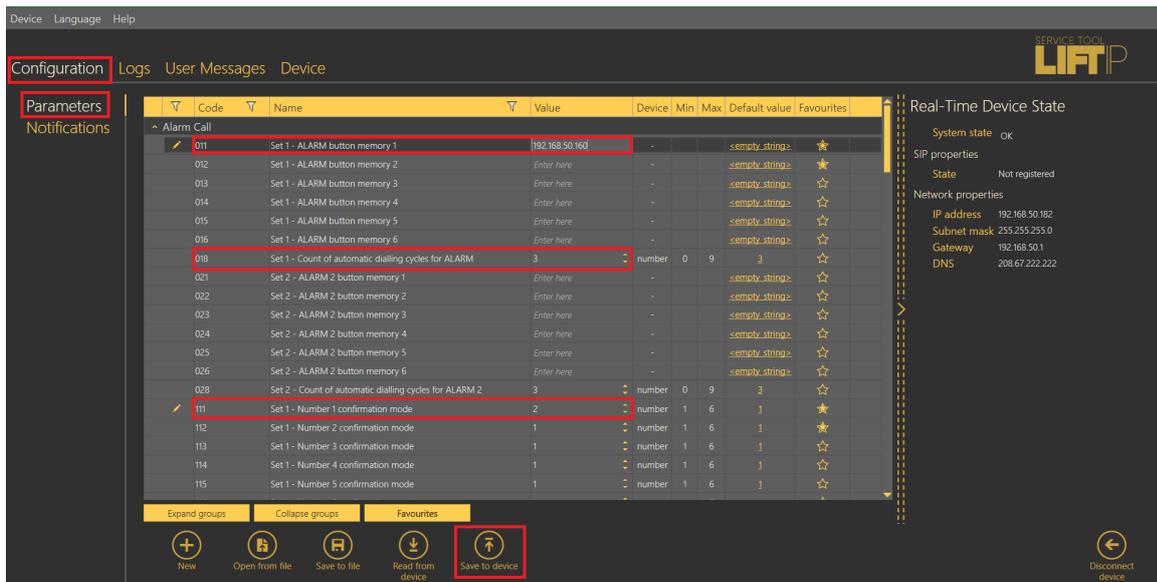
x1x = Alarm button (1-6)

xx1 = Type of confirmation

- 1 = with DTMF confirmation (1)
- 2 = with pick-up confirmation (for GSM/UMTS/VoIP only) - no confirmation, just pick-up the handset
- 3 = CPC Antenna
- 4 = CPC Kone
- 5 = P100
- 6 = DTMF auto detection (CPC Antenna/P100)
- 7 = CPC Antenna 2N ext
- 8 = CPC Kone 2N ext
- 9 = P100 2N ext

You can find all parameters in the [Programming Function Survey](#)

Don't forget to click on Save to device



Now your 2N® LiftIP is ready to make a call to IP phone.

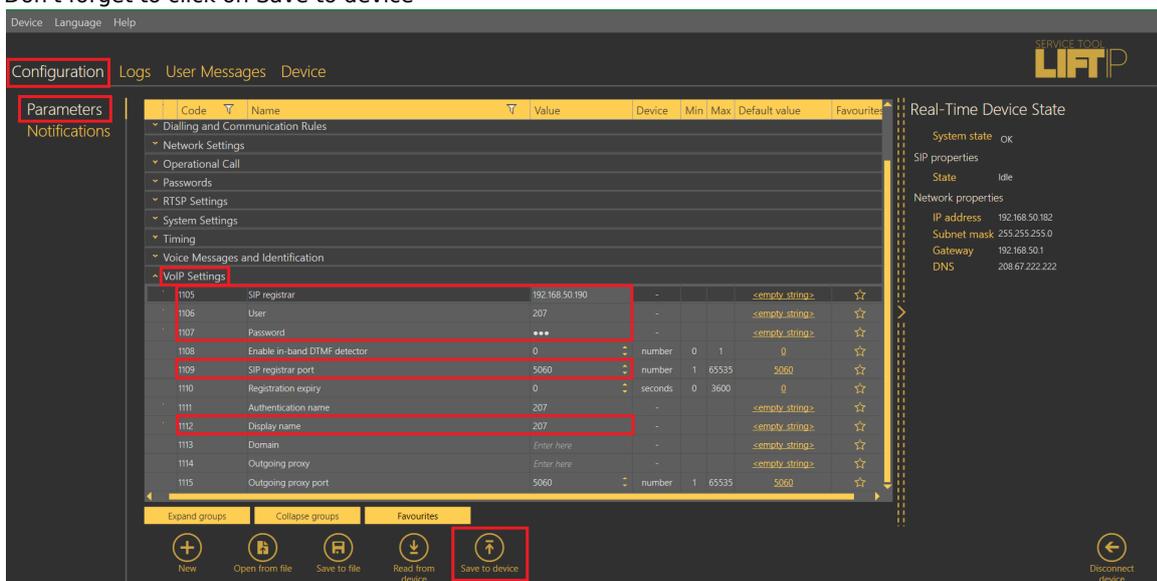
Call via SIP Proxy - How to register 2N® LiftIP to SIP Proxy

Connect to a SIP Proxy server

Go to Configuration - Parameters - VoIP settings -> set following parameters

- 1105 ==** IP Address of the SIP Proxy server
- 1106 ==** Username
- 1107 ==** Password
- 1109 ==** SIP registrar port - usually 5060 is used for SIP communication
- 1112 ==** Display name - this will appear on the display of the party you are calling to

Don't forget to click on Save to device



How to set the call destination

Go to Configuration - Parameters - Alarm Call -> set following parameters

011 =* URI number of the device you want to call, in our example we use "201"

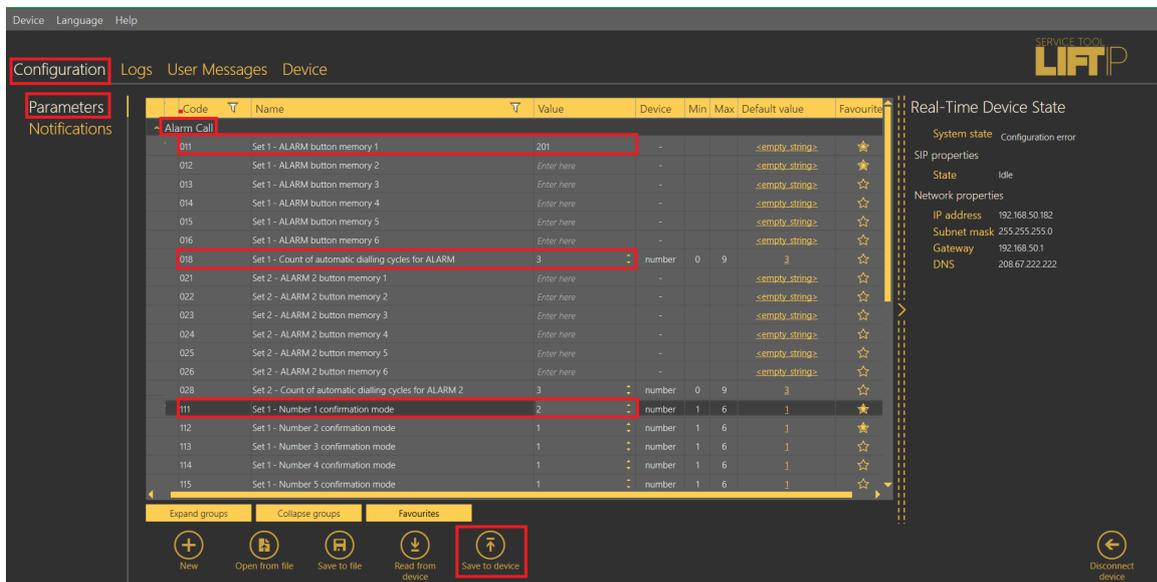
018 =* Count of automatic dialing cycles for ALARM (011-016) - when the destination doesn't pickup it calls again depending on the count of cycles you set

111 =* Alarm call memory confirmation mode - defines how the call is confirmed after pick-up

x1x = Alarm button (1-6)
xx1 = Type of confirmation

- 1 = with DTMF confirmation (1)
- 2 = with pick-up confirmation (for GSM/UMTS/VoIP only) - no confirmation, just pick-up the handset

Don't forget to click on Save to device



The screenshot shows the configuration interface for a 2N device. The 'Configuration' menu is open, and the 'Parameters' section is selected. The 'Alarm Call' parameters are displayed in a table. The following parameters are highlighted with red boxes:

Code	Name	Value	Device	Min	Max	Default value	Favourite
011	Set 1 - ALARM button memory 1	201	-	-	-	<empty_string>	★
012	Set 1 - ALARM button memory 2	Enter here	-	-	-	<empty_string>	★
013	Set 1 - ALARM button memory 3	Enter here	-	-	-	<empty_string>	★
014	Set 1 - ALARM button memory 4	Enter here	-	-	-	<empty_string>	★
015	Set 1 - ALARM button memory 5	Enter here	-	-	-	<empty_string>	★
016	Set 1 - ALARM button memory 6	Enter here	-	-	-	<empty_string>	★
018	Set 1 - Count of automatic dialing cycles for ALARM	3	number	0	9	3	★
021	Set 2 - ALARM 2 button memory 1	Enter here	-	-	-	<empty_string>	★
022	Set 2 - ALARM 2 button memory 2	Enter here	-	-	-	<empty_string>	★
023	Set 2 - ALARM 2 button memory 3	Enter here	-	-	-	<empty_string>	★
024	Set 2 - ALARM 2 button memory 4	Enter here	-	-	-	<empty_string>	★
025	Set 2 - ALARM 2 button memory 5	Enter here	-	-	-	<empty_string>	★
026	Set 2 - ALARM 2 button memory 6	Enter here	-	-	-	<empty_string>	★
028	Set 2 - Count of automatic dialing cycles for ALARM 2	3	number	0	9	3	★
111	Set 1 - Number 1 confirmation mode	2	number	1	6	1	★
112	Set 1 - Number 2 confirmation mode	1	number	1	6	1	★
113	Set 1 - Number 3 confirmation mode	1	number	1	6	1	★
114	Set 1 - Number 4 confirmation mode	1	number	1	6	1	★
115	Set 1 - Number 5 confirmation mode	1	number	1	6	1	★

The 'Save to device' button is highlighted with a red box at the bottom of the interface. The 'Real-Time Device State' panel on the right shows the system state as 'Configuration error' and the device state as 'Idle'. Network properties are also visible, including IP address, subnet mask, gateway, and DNS.

Now your 2N® LifTIP is ready to make a call to IP phone via SIP Proxy.