BAB TECHNOLOGIE GmbH

INTERCOMMODULE
2N® IP Verso
Documentation

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INTERCOM STATION CONFIGURATION 2N® IP VERSO

Prerequisite is that the 2N® IP Verso is set up into the network, a user is set up for each bell button, for SIP phone (web interface 2N®) and an HTTP API account with camera access is activated.

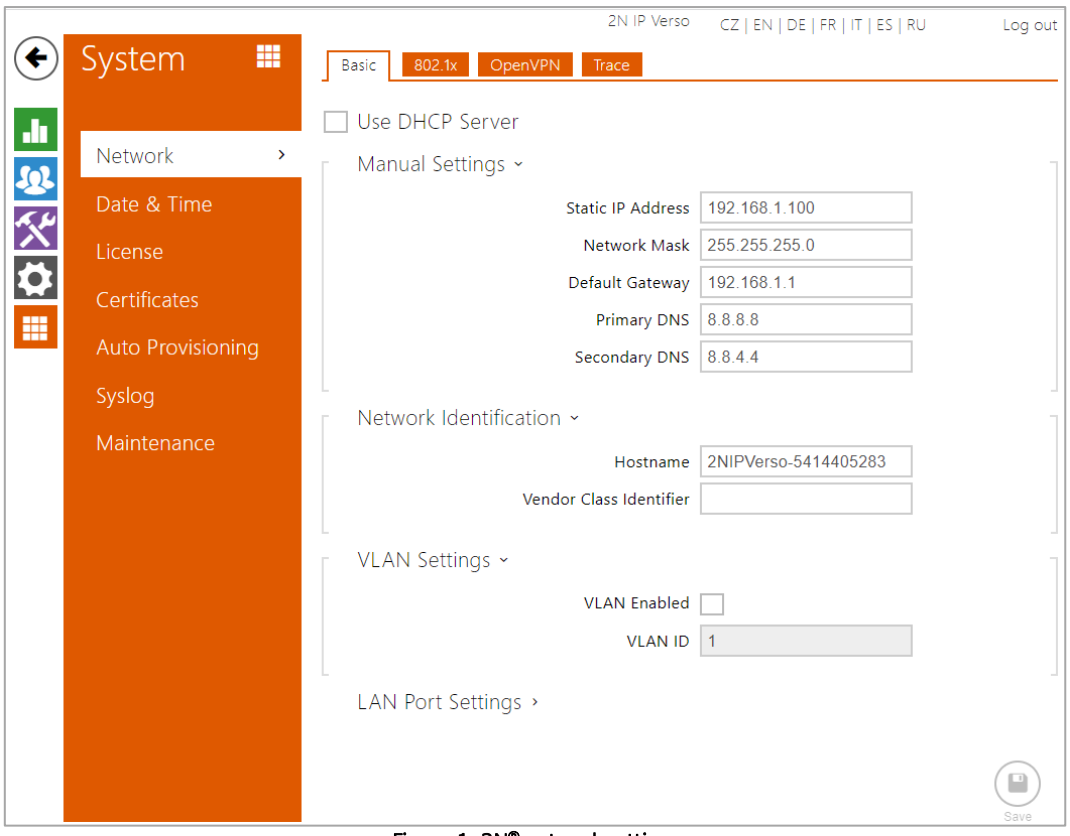

Figure 1: 2N® network settings

The following settings must now be done in the 2N® IP Verso web interface.

1. Log in to the web interface of your 2N®.
2. Navigate to services / phone and configure the SIP (see fig: 2N® SIP configuration)

Identity of the intercom

- *Display name:* This field is not important for the **INTERCOM**MODULE configuration.
- *Telephone ID:* Assign any 1-9-digit number here.
- *Domain:* Enter the IP address of the **INTERCOM**MODULE here.

Authentication is optional. For the **INTERCOM**MODULE the authentication isn't necessary.

SIP proxy

- ***Proxy address:*** Enter the IP address of the **INTERCOM**MODULE here.
- ***Proxy port:*** The proxy port is set to port 5060 by default.

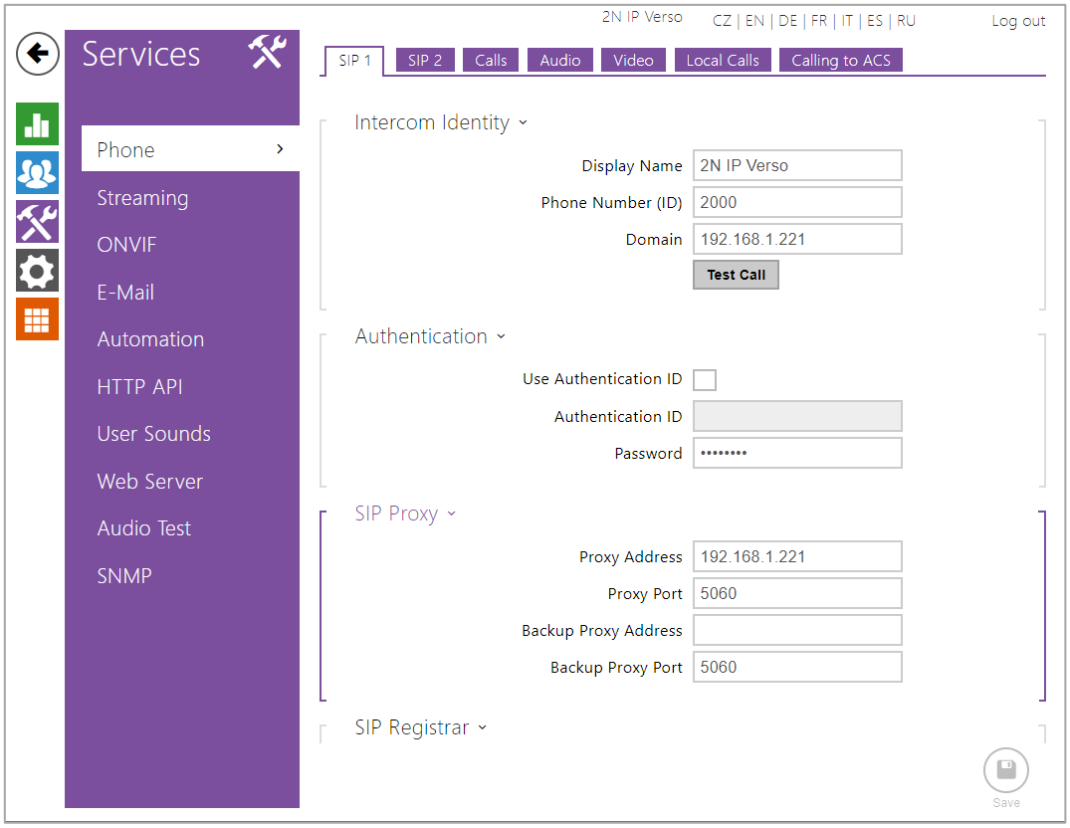

Figure 2: 2N® SIP configuration

NOTE:
In order to be able to use the additional functions door opener, relay (e.g. for light), an additional license is required and purchased separately. You need to activate this so-called "2N® Gold Licence" in the web interface of your 2N® IP Verso.

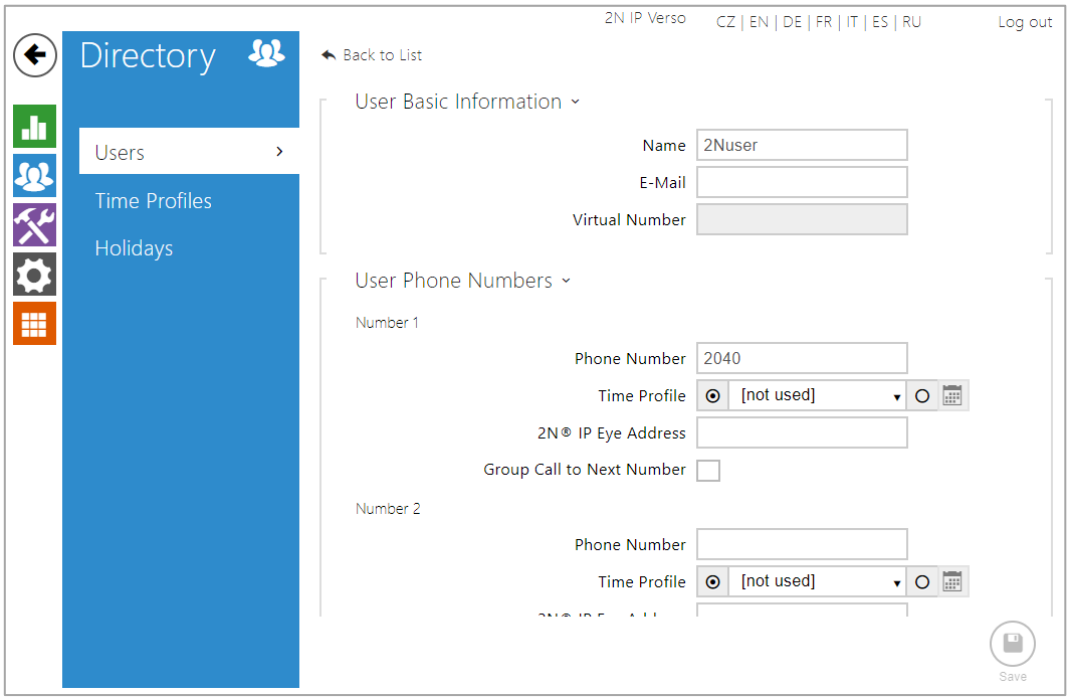

Figure 3: 2N® Phone numbers of the user

3. Navigate to directory / user (see fig: 2N® Phone numbers of the user) and assign each bell button its own 1-9 digit phone number. In this example, the 2N® system has only one bell button. For each additional button you have to jump up one tab at the top.

Number:

- ***Phone number:*** Enter any 1-9-digit phone number here:
  Be sure to assign a separate phone number to each bell button.
- ***Time profile:*** A time profile isn't necessary for using the **INTERCOM**MODULE.
  Please note that a time profile has an influence on the behaviour of the 2N®. If, for example, you limit the time of the SIP phone calls, that no SIP call is forwarded to the **INTERCOM**MODULE during this time.
- ***2N® IP Eye address:*** Isn't necessary for the operation of the **INTERCOM**MODULE.
- ***Parallel call for the following number:*** Activation for the parallel call to several clients isn't necessary at this item; you can also configure this function in the **INTERCOM**MODULE.

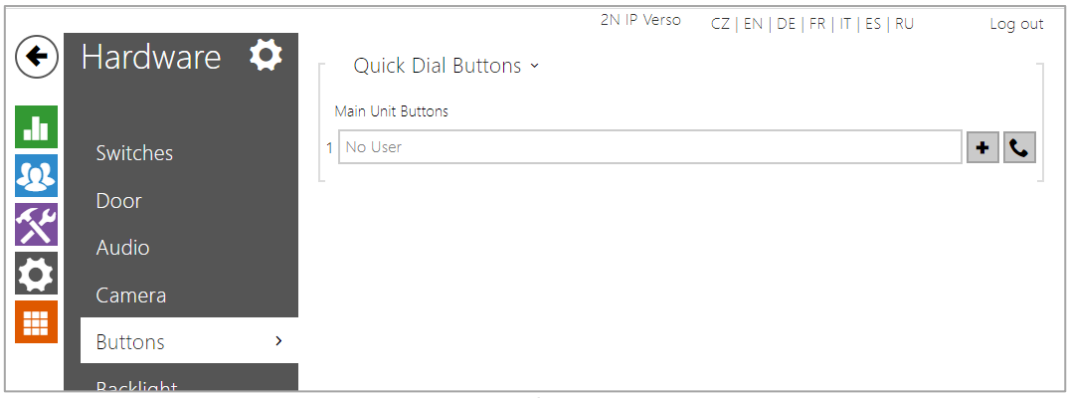

Figure 4: 2N® Dial Button

The created telephone number is now to be assigned to the button of the door intercom. This setting is made via the "Hardware" menu under "Button". Another window opens under "+" (Add) to select the user and the telephone number.

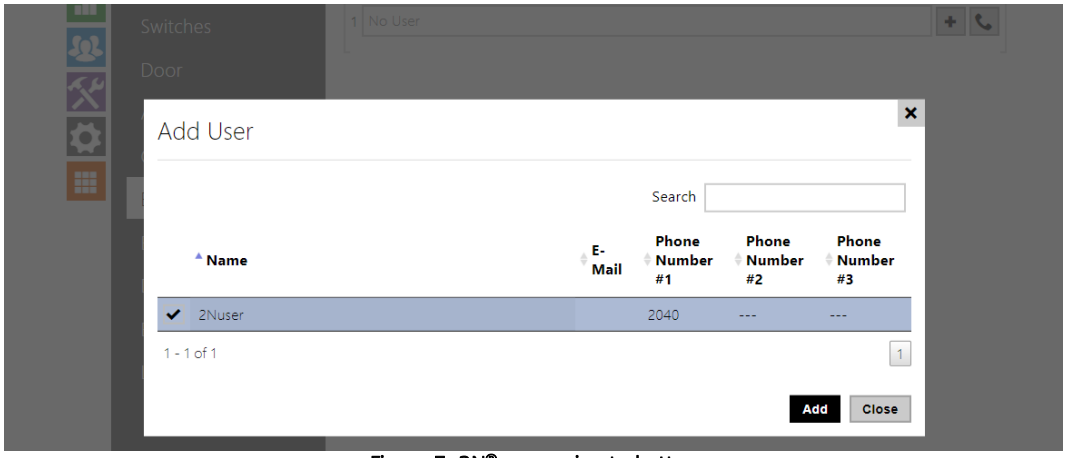

Figure 5: 2N® user assign to button

4. Navigate to the HTTP API; The adjustments to the transmission protocols are made under "Services". Deviating from the default settings, the camera API is only adapted to the connection type "TCP" and authentication "Basic".

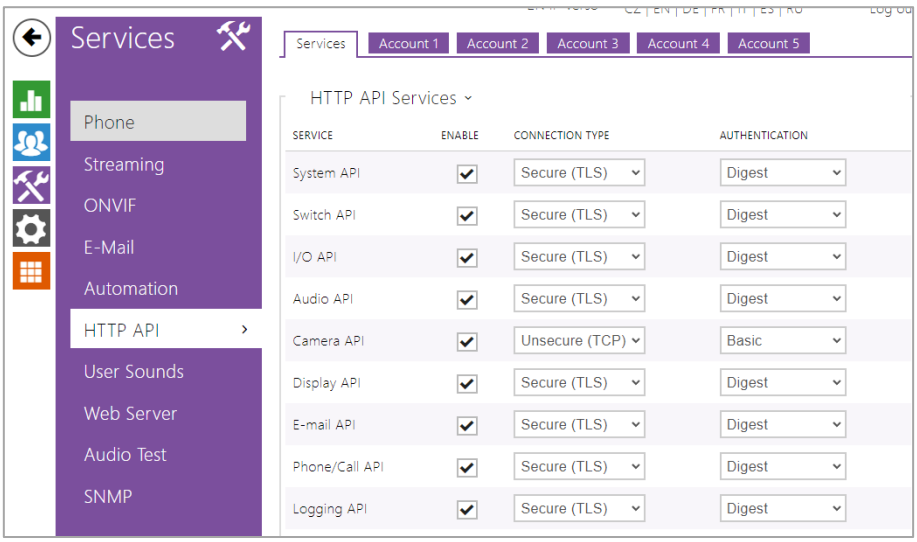

Figure 6: 2N® Configuration HTTP API services

5. Enable an account (see fig: 2N® Configuration HTTP API). These settings are important for audio and video transmission.

User settings:

- Username: This name is required for authenticating the client at **INTERCOM**MODULE.
- Password: The password is required for authenticate the client at **INTERCOM**MODULE.

User permissions:

- Here you must activate the camera access for monitoring. All other settings are not necessary for video transmission.

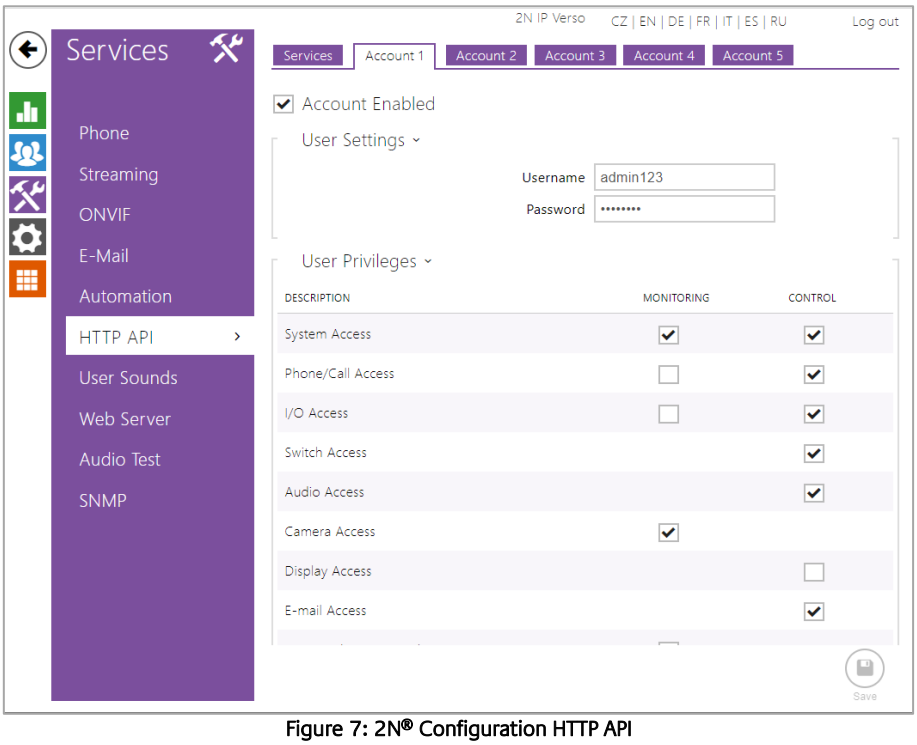

Figure 7: 2N® Configuration HTTP API

Configuration of the 2N® in the **INTERCOM**MODULE

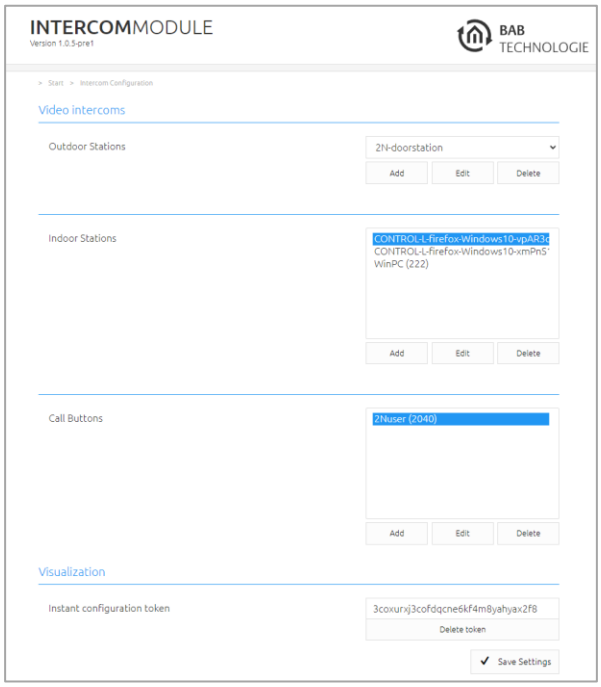

Figure 8: INTERCOMMODULE configuration 2N®

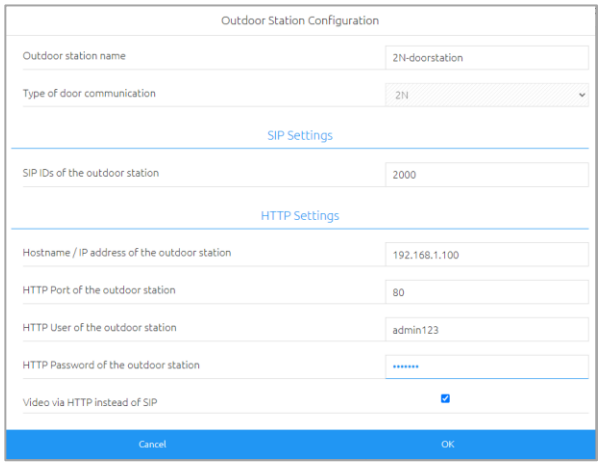

Figure 9: INTERCOMMODULE configuration 2N® Outdoor station

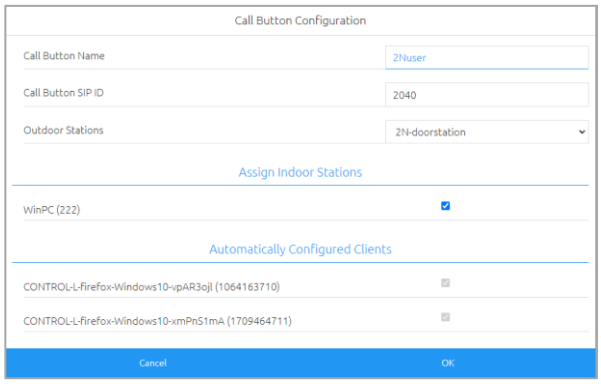

Figure 10: INTERCOMMODULE configuration 2N® Call Buttons

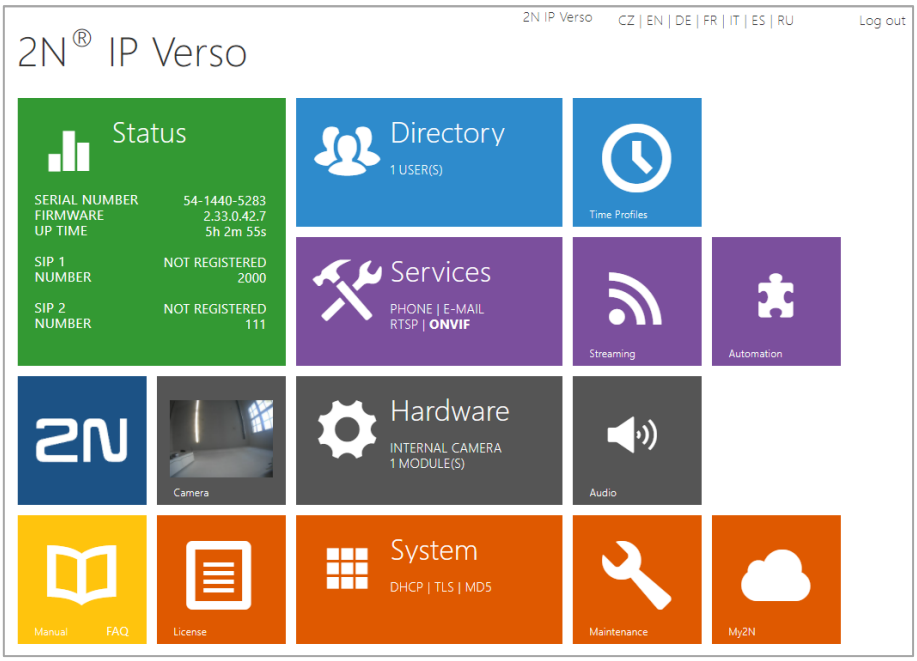

Figure 11: 2N® device overview

Note: In the 2N® IP Verso device overview it is not necessary that the SIP for the **INTERCOM**MODULE is displayed as registered.