

DOCUMENTATION

MOBIBOX v5.0



TABLE OF CONTENTS

TABLE OF CONTENTS	2
1 INTRODUCTION	6
2 PREPARATION	7
3 TECHNICAL DATA	9
3.1 MobiBBox v5.0	9
3.2 Maximum Expansion Limits	10
3.3 MobiBBox Image and New Voice Tool	10
4 SCOPE OF DELIVERY	11
5 CONNECTION SCHEME	12
5.1 Front	12
5.2 Back	13
6 CONSTRUCTION AND SAFETY	14
6.1 Redundant power supply	15
7 WALL MOUNTING DIMENSIONS	16
8 GENERAL INFORMATION	17
8.1 Windows Login	17
8.2 New Voice Web Access	17
8.3 Network Settings	17
9 ACTIVATING SMS MODULE	18
9.1 Installation of Sim Card	18
9.2 Configuration MobiCall	21
10 STARTUP GPIO MOBIBBOX V5.....	27

10.1	Assembly + GPIO Connector Wiring	27
10.1.1	Contacts	28
10.1.2	Relays	30
10.2	Configuration MobiBBox.....	33
10.2.1	Opening the Configuration Assistant.....	33
10.2.2	Activate MobiBBox contact controller.....	34
10.2.3	Configuring the contact controller.....	36
10.2.4	Special Feature MobiBBox V5 – Wago PFC 200 Rules.....	38
11	ACTIVATING AUTOMATIC RESTART	39
12	MOBICALL OVERVIEW	41
13	CONTACT CONTROLLER WAGO [OPTIONAL].....	42
13.1	Connection	42
13.2	Interface functionality and configuration:	43
13.3	WAGO Alarm Configuration, WAGO Controller.....	43
13.3.1	Controller 1.....	43
13.4	WAGO WatchDog Alarm.....	44
13.5	Connection Scheme WAGO-Box (Example)	44
14	INTERFACES TO EXTERNAL SYSTEMS [OPTIONAL]	45
15	WEB INTERFACE.....	47
15.1	Basic requirements Web Interface	47
15.2	Licensed Web Features:.....	48
16	MONITORING AND SYSTEM ALARMS	51
17	NEW VOICE SERVICES AND PROCESSES.....	53
17.1	New Voice Services	53
17.2	New Voice Processes and Autostart Parameters.....	55
18	INSTALLATION INSTRUCTIONS AND INFORMATION FOR SYSTEM INTEGRATOR.....	56

18.1 MobiCall Dimensions and connections.....56

19 MOBICALL – CONTACT FORM.....58

MOBIBOX V5



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Note

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1 INTRODUCTION

In this documentation you will find general information, technical data and the installation instructions of the MobiBBox.

In order to ensure a smooth commissioning of the MobiBBox, we ask you to study this documentation point by point and to follow the instructions exactly.

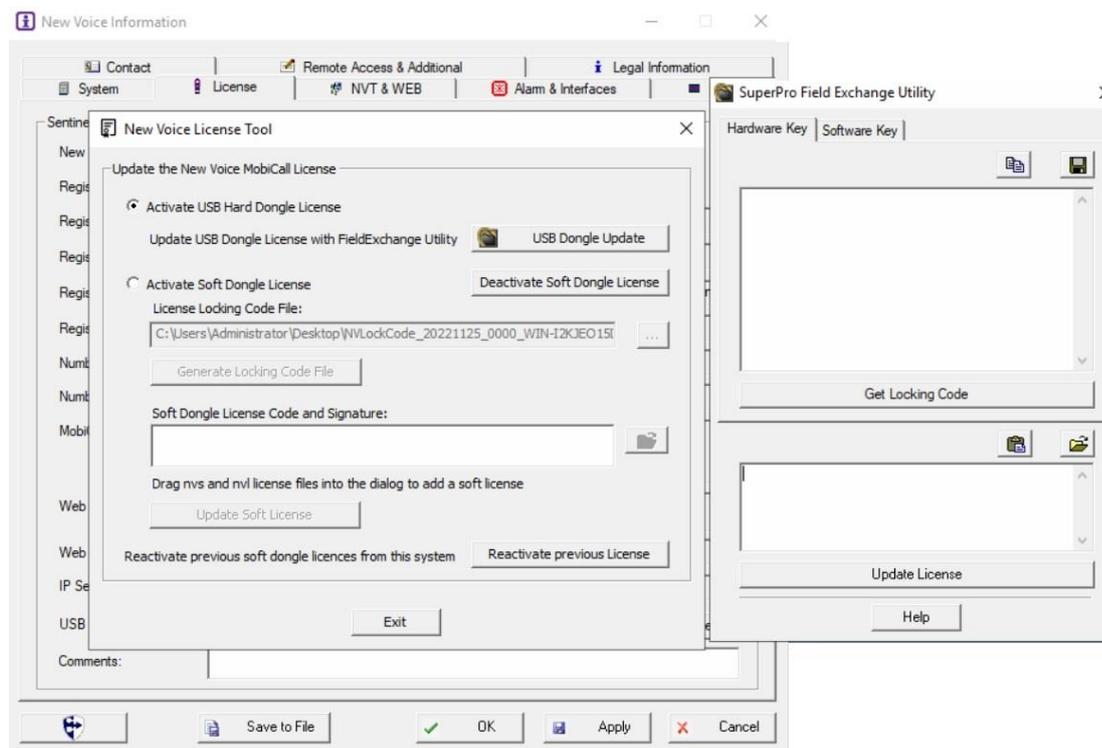
The following scenarios can be implemented easily and effectively with the MobiBBox

- Mobilisation of emergency personnel from fire brigades, rescue or emergency services
- Evacuation of factory areas and buildings in the event of fires and other incidents
- Simultaneous notification of police, ambulance, fire brigade, etc.
- Transmission of information between headquarters and field offices
- Personal emergency signal alarms to auxiliary staff
- Fault reports to mobile service technicians
- Nurse calls to mobile nursing staff
- Simultaneous alerting of large groups of participants or individual participants
- Operations control center with customer-specific interface and dynamic information transmission in the event of an alarm
- Solution as a "contact center" with customer-specific interface and several Screens
- Outgoing and inbound conferences with real-time conference control via web interface
- Monitoring of single workplaces in accordance with BGR 139, e.g. in industry, prisons, laboratories, service centres
- Shooting alarms with announcements in educational institutions
- Crisis communication and conference calls
- And much more

2 PREPARATION

Please ensure the following points before installation.

- The license key must be requested from New Voice before installation. Please send an e-mail to **support@newvoice.global** stating the project name and the serial number of the license dongle.
- After importing the license key, please check whether all licenses have been activated correctly. It is recommended to unlock the license dongle before the actual installation and to check the license. The license is imported via the New Voice Information Tool on the desktop in the License tab



- If you require "remote support" from New Voice during installation, please make an appointment with a New Voice employee two weeks in advance, the service requires an additional commission.
- Please check in advance whether all necessary cables and tools are available for the installation.
- If you encounter any problems during installation, you are welcome to contact New Voice support. In this case, please ensure remote maintenance access.

- Before commissioning, it is mandatory to install the daily updates for your MobiBBox-V generation from the New Voice FTP Server. The version can be accessed via the desktop link "New Voice Information".
- To apply for an FTP account, please contact **support@newvoice.global**.

3 TECHNICAL DATA

3.1 MobiBBox v5.0

Processor	Intel® Core i3-6157U 2 x 2,4 GHz 64 Bit
Random access memory	32768 MB SO-DDR4
Hard disk	256 GB mSATA III SSD
Operating system	Windows Server 2022 Standard
Dimensions in mm	216mm width x 63.5mm height x 126mm depth
Weight	approx. 1.2 kg
Electricity consumption	Standby: ca. 1 watt Idling: approx. 12 watts Full load: approx. 30 watts
Bus bar	external power supply 220V / 12V / 5A
Ventilation/Cooling	none / passive cooling
VESA / Wall Mount	no / yes
Operating Temperature	-30°C to +70°C
Front	6 x COM RS232 1x GPIO (8 DIN, 2 DOUBTS)

Back

4 x USB 3.0 / 3.1
2 x USB 2.0
2 x Audio 1x Line-In, 1x Line-Out
2 x Intel Gigabit LAN
1 x VGA
1 x HDMI 1.4 (Adapter HDMI ->
DisplayPort included)
2 x Antenna Ports SMS

3.2 Maximum Expansion Limits

- maximum 30 SIP channels
- maximum 5 interfaces
- maximum 128 contacts outputs/relay inputs
- maximum 100 telephone alarm inputs
- maximum 250 message link participants
- maximum 250 Clients (PC & smart device)
- maximum 1000 alarm groups

3.3 MobiBBox Image and New Voice Tool

New Voice Tool Version	15.0.0
MobiBBox-Image Version	5.0

4 SCOPE OF DELIVERY

Please check the contents of the package for completeness before installation.

- 1 x MobiBBox Version 5
- 1 x power supply incl. connection cable
- 2 x Antenna
- 1x GPIO connector
- 1x HDMI cable

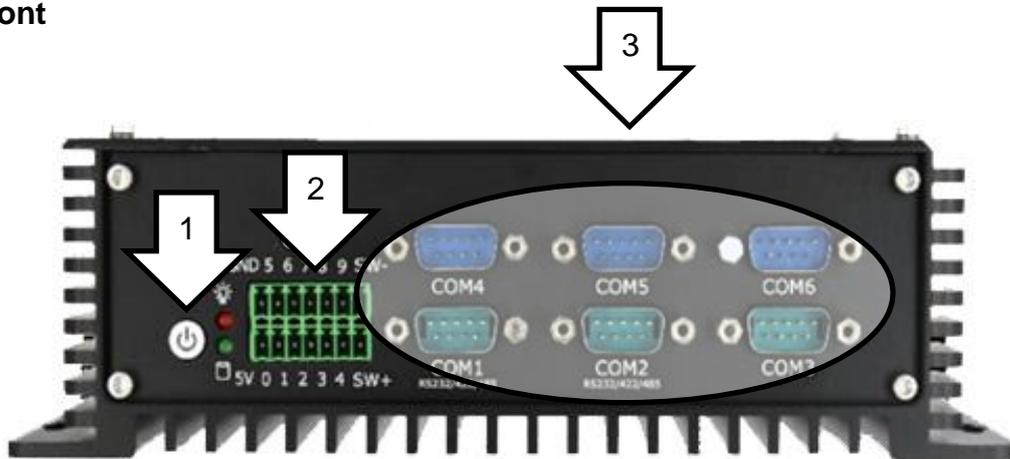


To commission the MobiBBox, you need the following additional components. These are not included in the scope of delivery.

1. USB mouse
2. USB keyboard
3. Monitor with HDMI or DisplayPort connector
4. Ethernet cable
5. serial connection cables (if required)

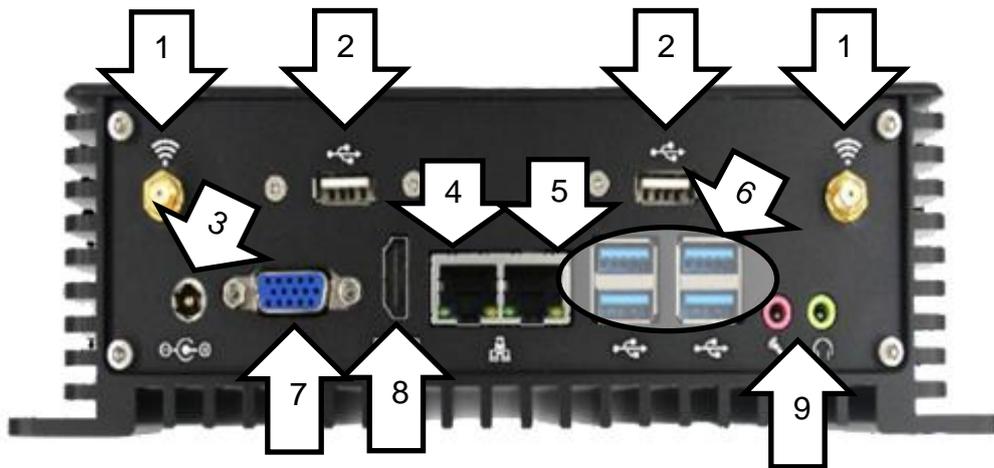
5 CONNECTION SCHEME

5.1 Front



1. Power Button
2. Contact Input GPIO (8 DIN, 2 DOUT)
3. 6 x COM-Connection

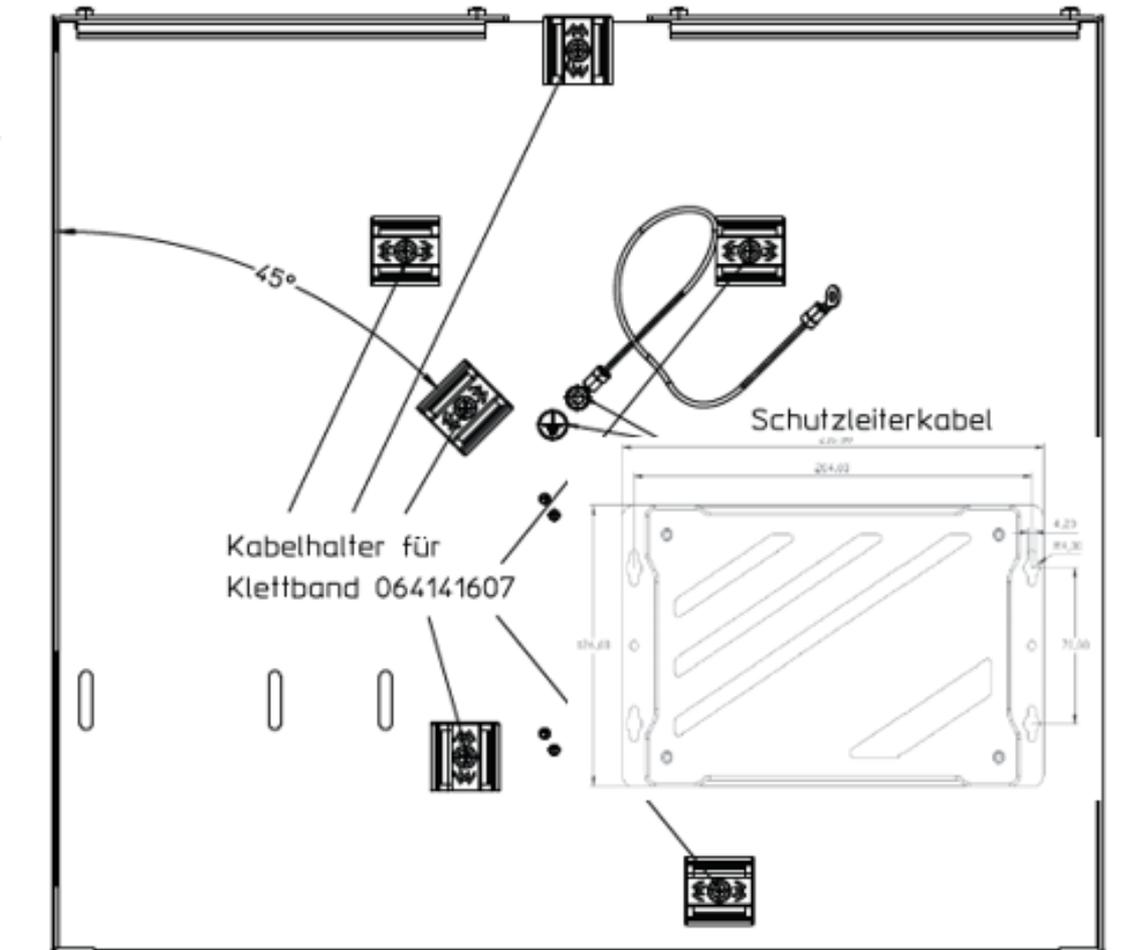
5.2 Back



1. 2x Antenna Ports for SMS
2. 2x USB 2.0
3. Power connection
4. Lan 1 (static IP)
5. Lan 2 (DHCP)
6. 4x USB 3.0
7. VGA
8. HDMI 1.4
9. 2 x Audio: 1x Line-In, 1x Line-Out

6 CONSTRUCTION AND SAFETY

As installation location, we recommend a dry, dust-free and well-ventilated place. With an optional 19 inch rack slot, the MobiBBox can be installed in a server cabinet.



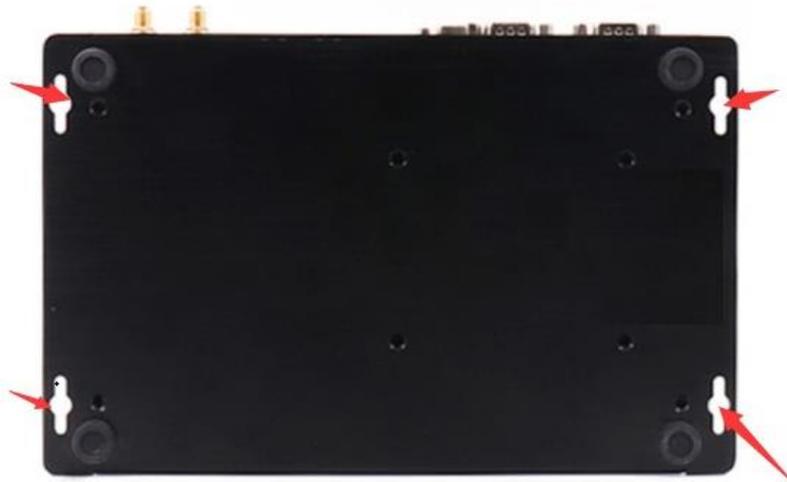
6.1 Redundant power supply

From the MobiBBox V5 it is optionally possible to operate the MobiBBox with 2 power supplies. If one of the power supplies fails, the MobiBBox continues to run without interruption with the 2nd power supply.

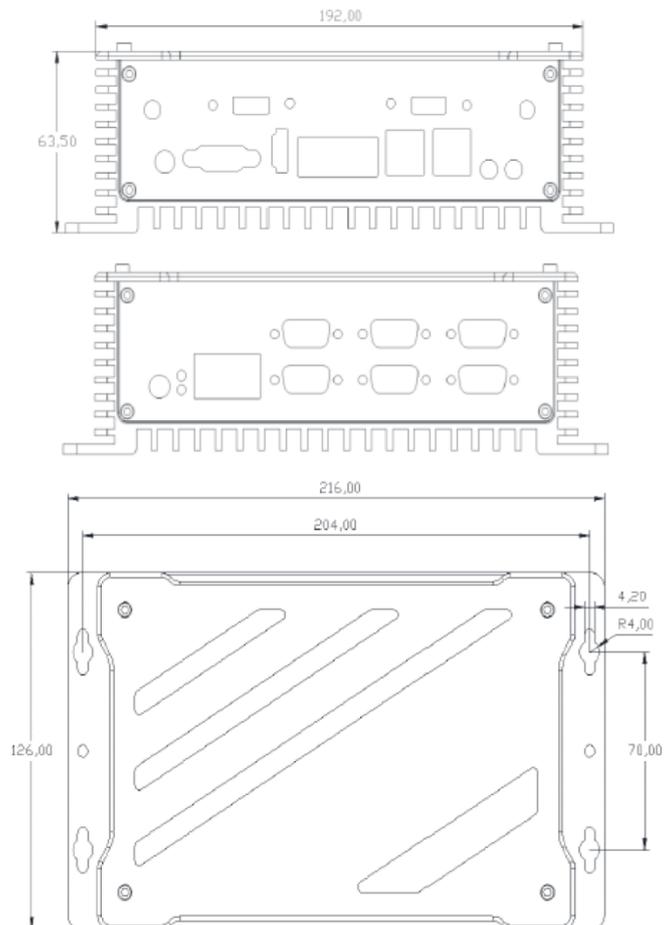


7 WALL MOUNTING DIMENSIONS

The MobiBBox V5 can also be mounted directly on a wall.



Wall Mounting



8 GENERAL INFORMATION

8.1 Windows Login

Username: NVM
Password: nvoice

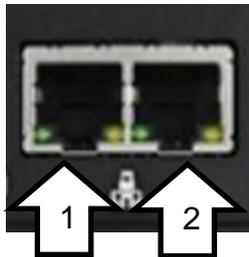
8.2 New Voice Web Access

Username: admin
Password: admin

8.3 Network Settings

The IP address of LAN 1 is static set to 192.168.1.121.

LAN 2 is set to DHCP.



1. LAN 1
2. LAN 2

Security:

We recommend adjusting the above passwords according to the customer's security guidelines. In the delivery state, the possibility to connect to the MobiBBox via RDP is activated.

9 ACTIVATING SMS MODULE

If required, the MobiBBox V5 is delivered with an SMS module that supports the standard SIM format.

In order to put this into operation, the corresponding licenses must be ordered, please contact our sales department. (salesde@newvoice.global)

9.1 Installation of Sim Card

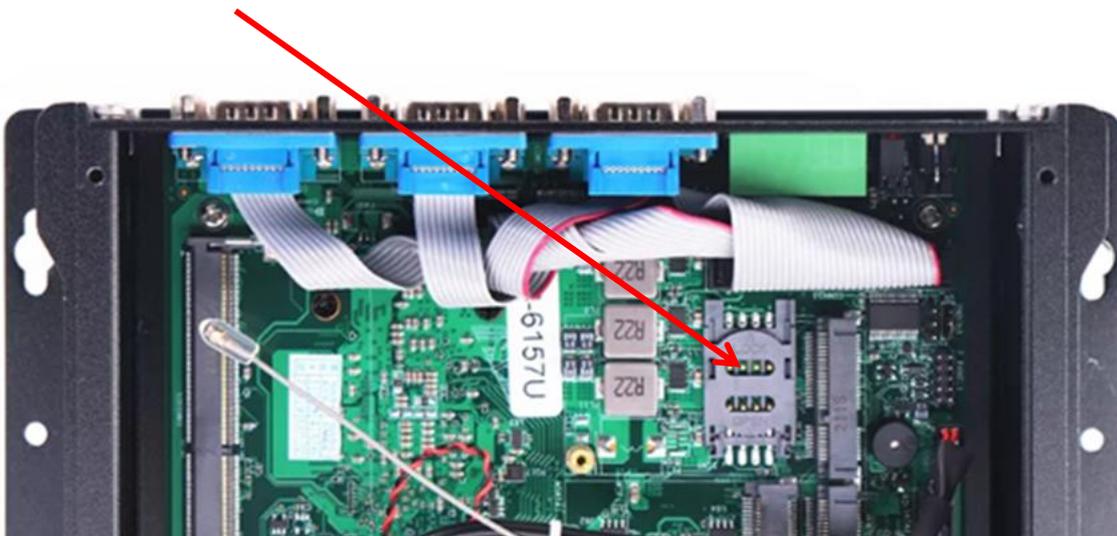
1. Open the MobiBBox and loosen the 4 screws at the top



2. To remove the Quectel module (where the antennas are attached), a black screw must be loosened.

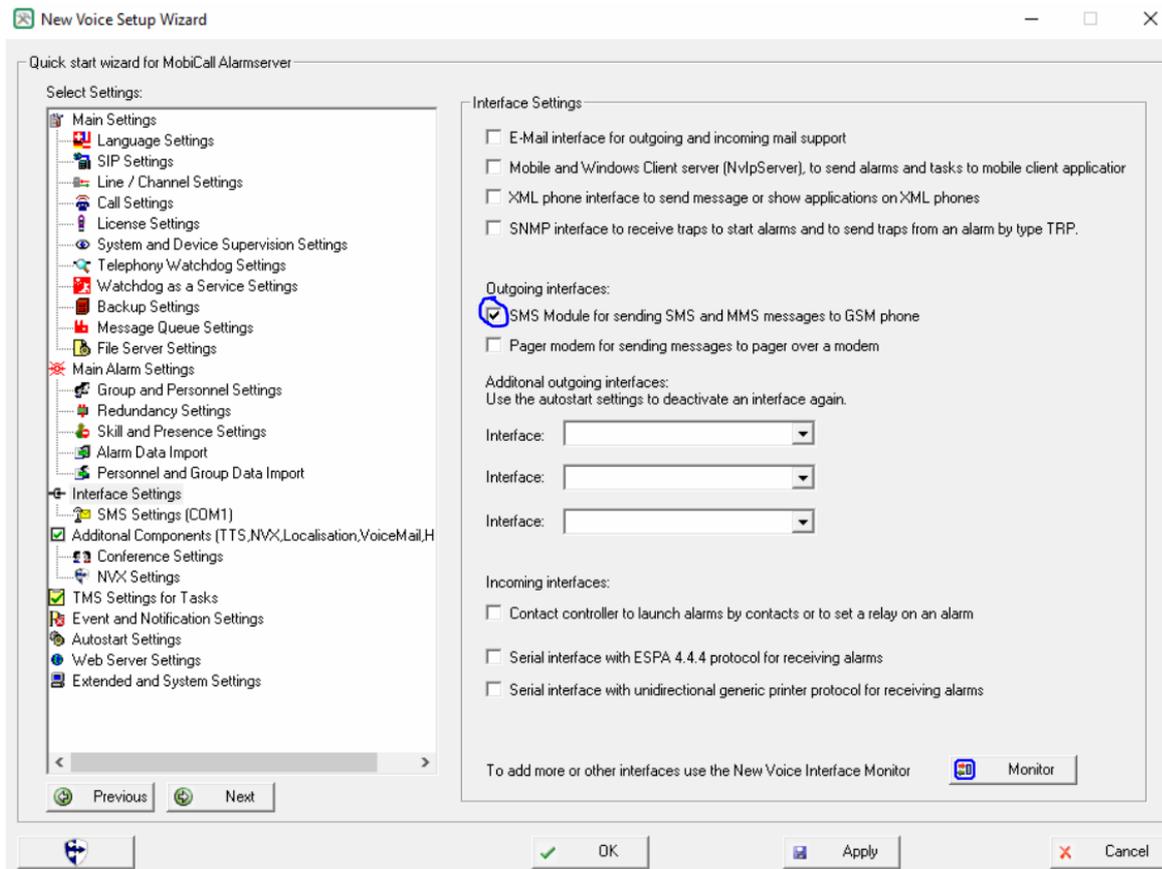


3. Slide the SIM card slot down to open and up to close

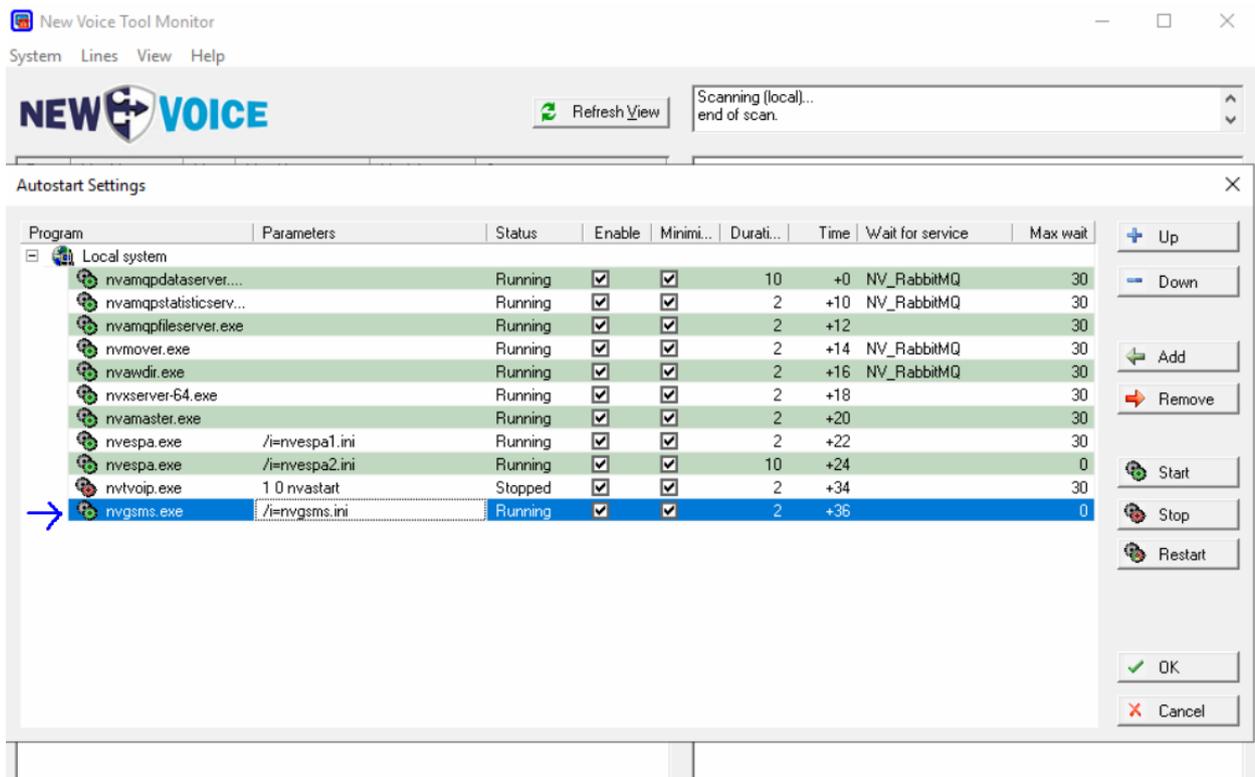


4. Reinsert the Quectel module and screw tight
5. Close the MobiBBox again

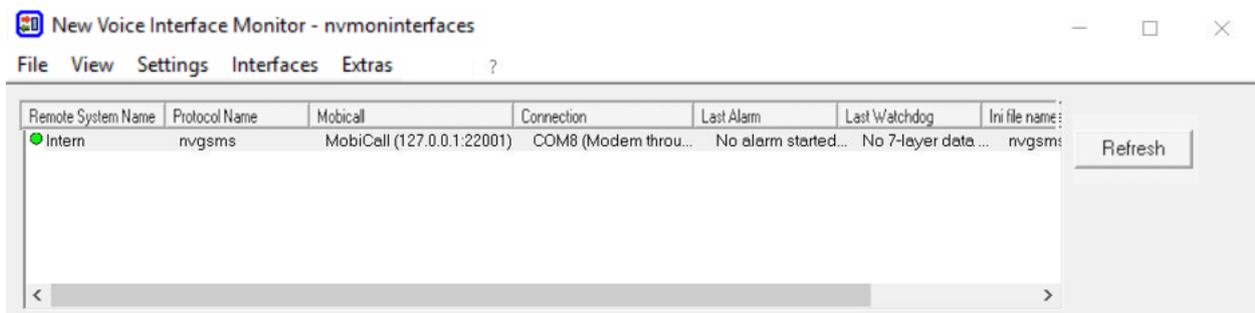
Activating the SMS interface:



Starting the nvgsms interface via the Tool Monitor:



Opening the interface monitor and configuring the nvgsms interface:



For the commissioning of the internal SMS module, the COM port, COM7 or COM8 must be reserved and configured.

(Settings for e.g. PIN are made in the corresponding nvgsms.ini file)

Mode: 115200, N, 8, 1

Global Configuration Update ×

Global parameters

Protocol	nvgsms	Nvgsms: Interface to send and receive sms over sms-module with sim-card.	
Remote System Name	SMS Modul		
Connectivity	Modem through RS232		
Com Port (ex: COM1)	COM8	Mode (ex: 96.N,8,1)	115200,N,8,1
IP Address		Port IP	
<input type="checkbox"/> The interface runs as server application			
Configuration File Name	nvgsms.ini	<input type="button" value="Rename"/>	
Short description (title)			
Full description			
<input type="checkbox"/> Use the same configuration as the file selected above.			

Then confirm with OK and close the window.

Restart the nvgsms interface:

New Voice Tool Monitor

System Lines View Help

NEW VOICE Refresh View Scanning (local)... end of scan.

Autostart Settings

Program	Parameters	Status	Enable	Minimi...	Durati...	Time	Wait for service	Max wait
Local system								
nvamqpdataserver...		Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	+0	NV_RabbitMQ	30
nvamqpstatisticser...		Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+10	NV_RabbitMQ	30
nvamqpfileserv.exe		Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+12	NV_RabbitMQ	30
nvmove.exe		Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+14	NV_RabbitMQ	30
nvawdir.exe		Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+16	NV_RabbitMQ	30
nvxserver-64.exe		Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+18		30
nvamaster.exe		Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+20		30
nvespa.exe	/i=nvespa1.ini	Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+22		30
nvespa.exe	/i=nvespa2.ini	Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	+24		0
nvtvoip.exe	1 0 nvastart	Stopped	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+34		30
nvgsms.exe	/i=nvgsms.ini	Running	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	+36		0

Buttons: Up, Down, Add, Remove, Start, Stop, Restart, OK, Cancel

Set up a person of type SMS

Add new Person

Data of Person

Assign to Account: Mr Hans Muster Edit Add

Suffix for Name: The name suffix is added to the account name

Language: English (Default language) Cost Center:

Department: Modify the department for all entries Edit

PIN Number: Numeric personal PIN to authenticate alarms if configured

1st Entry of Type: SMS Mobile Phonenumber:

2nd Entry of Type:

3rd Entry of Type:

4th Entry of Type:

5th Entry of Type:

6th Entry of Type:

Information for all available Types

Information on Type: SMS

Sends alarmmessage as SMS to the defined mobile-number. (Additional modem required)

^
v

Save & Copy Save Cancel

MobiBBox is now ready to send SMS messages.

10 STARTUP GPIO MOBIBBox V5

The MobiBBox V5 is delivered with a GPIO module (8 DIN, 2 DOUT).

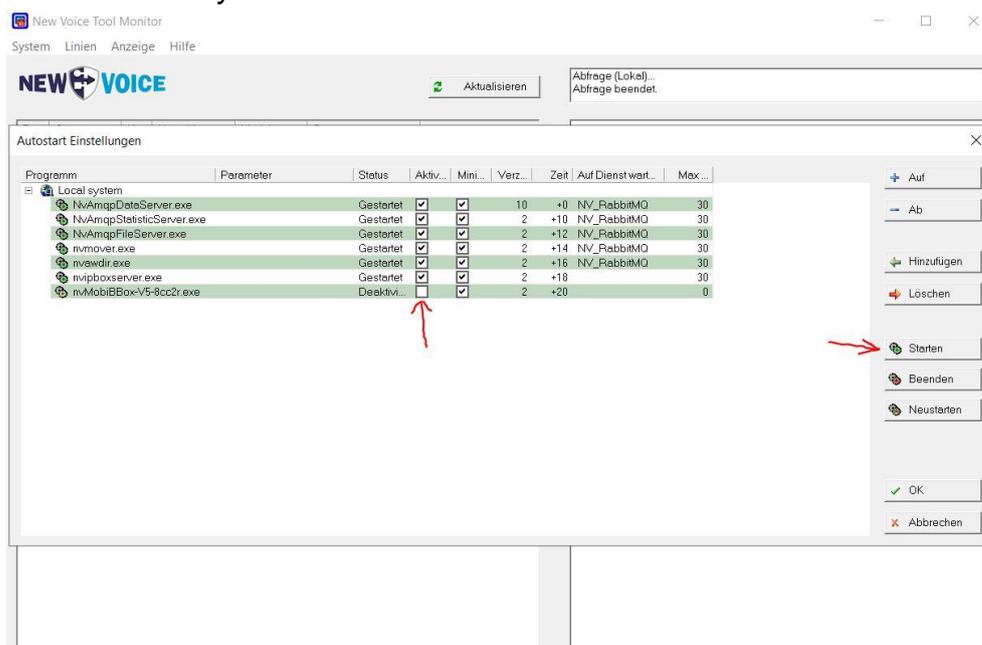
To activate this module, the corresponding licenses must be purchased. Please feel free to contact our sales team for assistance. (salesde@newvoice.global)

10.1 Assembly + GPIO Connector Wiring

1. Please insert the supplied, pre-wired connector into the box.



2. Activate the MobiBBox V5 contacts, launch the New Voice Tool Monitor, and enable the nvMobiBBox-V5-8cc2r.exe program (check the box and click "Start"). If the application is not available, it can be downloaded from the FTP server (located under /public/Updates/MobiBBox_V5) and subsequently placed in the D:\nvt\ directory.



10.1.1 Contacts

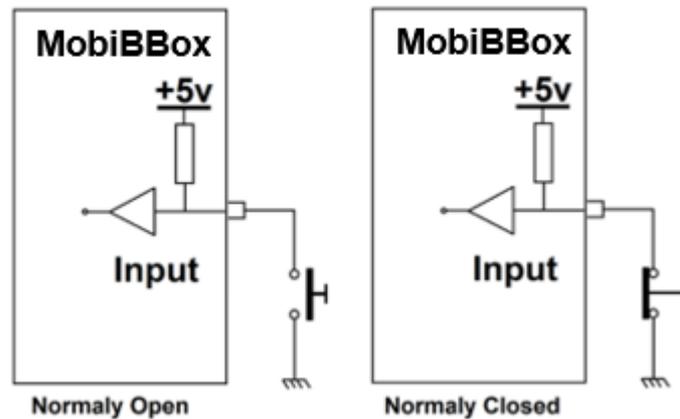
To commission the contacts, it is necessary to connect the supplied connector accordingly:

GND	5 6 7 8 9	-SW
5V	0 1 2 3 4	-SW

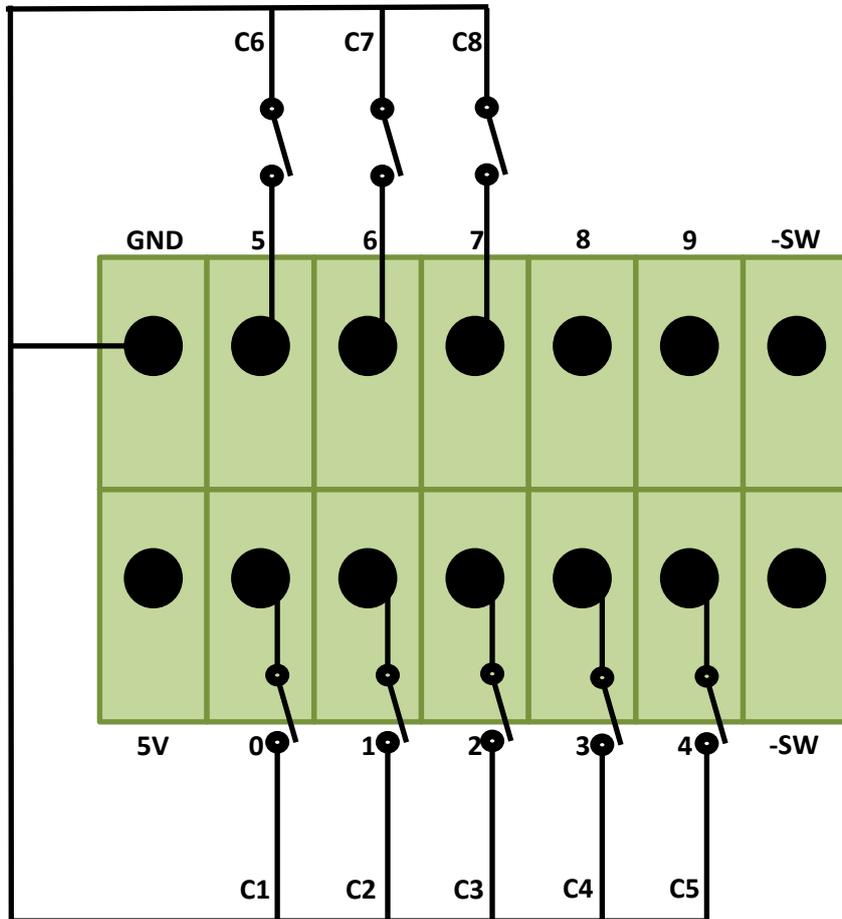
The 0 on the box triggers Contact 1 in the MobiCall software, the 1 on the box triggers Contact 2 in the MobiCall software, and so on.

The potential for all contacts is GND.

Wiring Diagram:



Wiring:



10.1.2 Relays

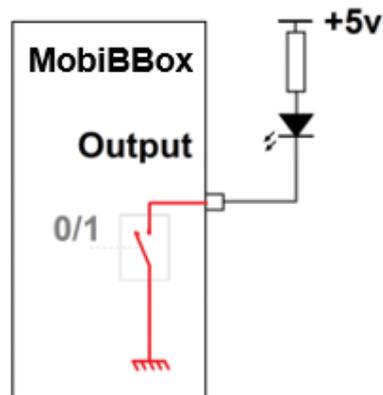
To commission the relays, the supplied connector must be wired as follows:

GND	5 6 7 8 9	-SW
5V	0 1 2 3 4	-SW

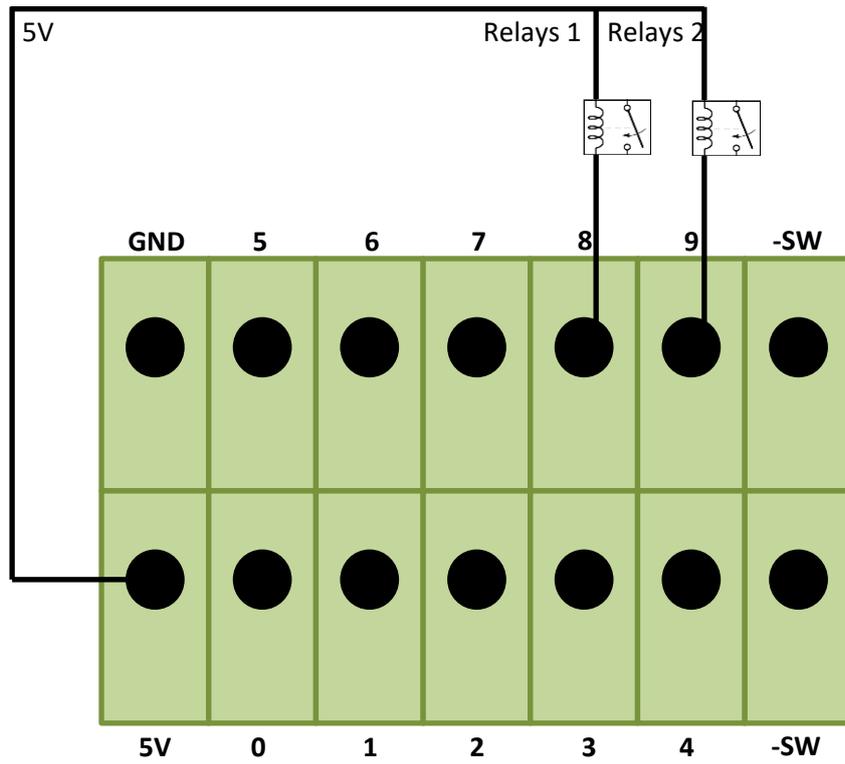
Relay 1 is connected to 8.

Relay 2 is connected to 9.

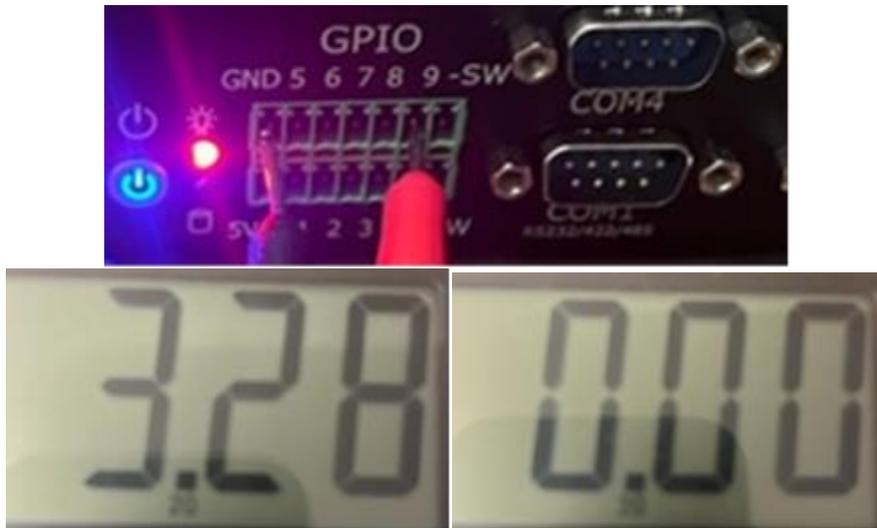
Wiring Diagram:



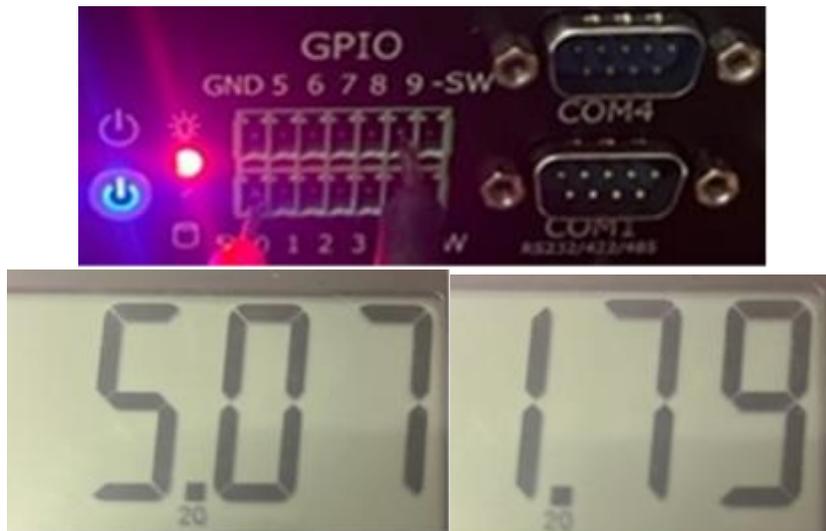
Verkabelung:



Voltage relative to Ground (GND):

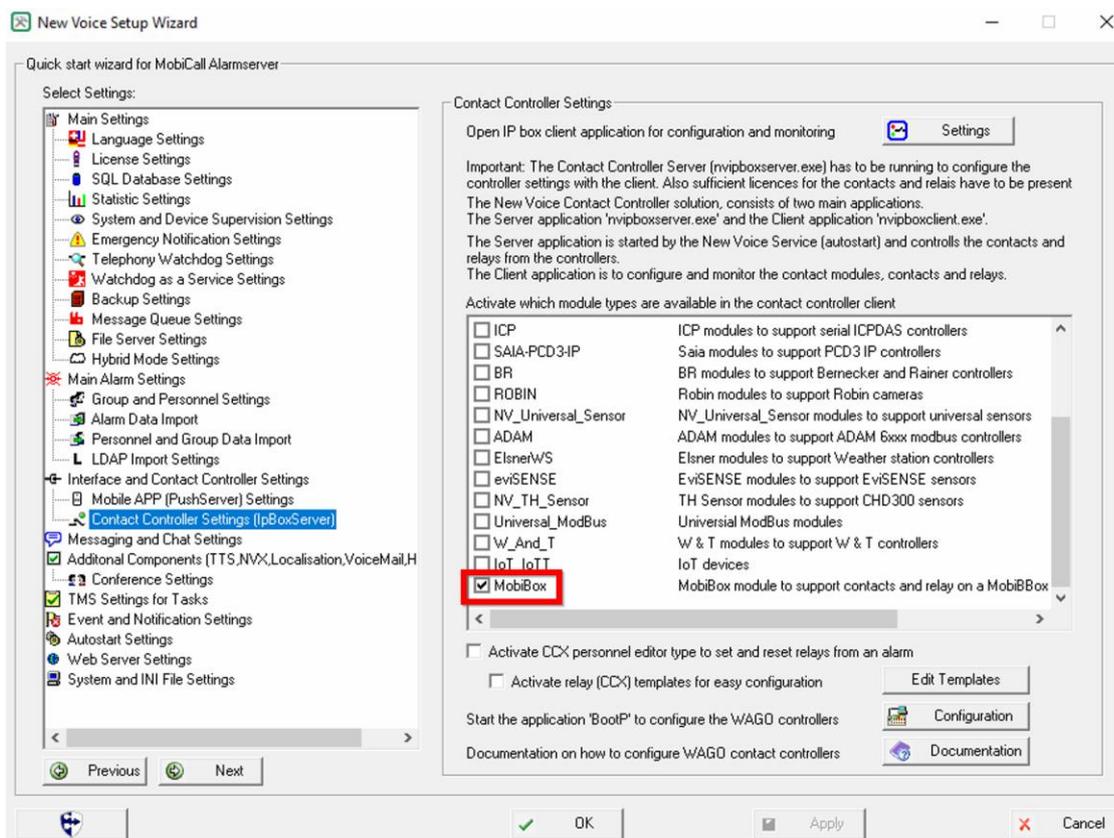
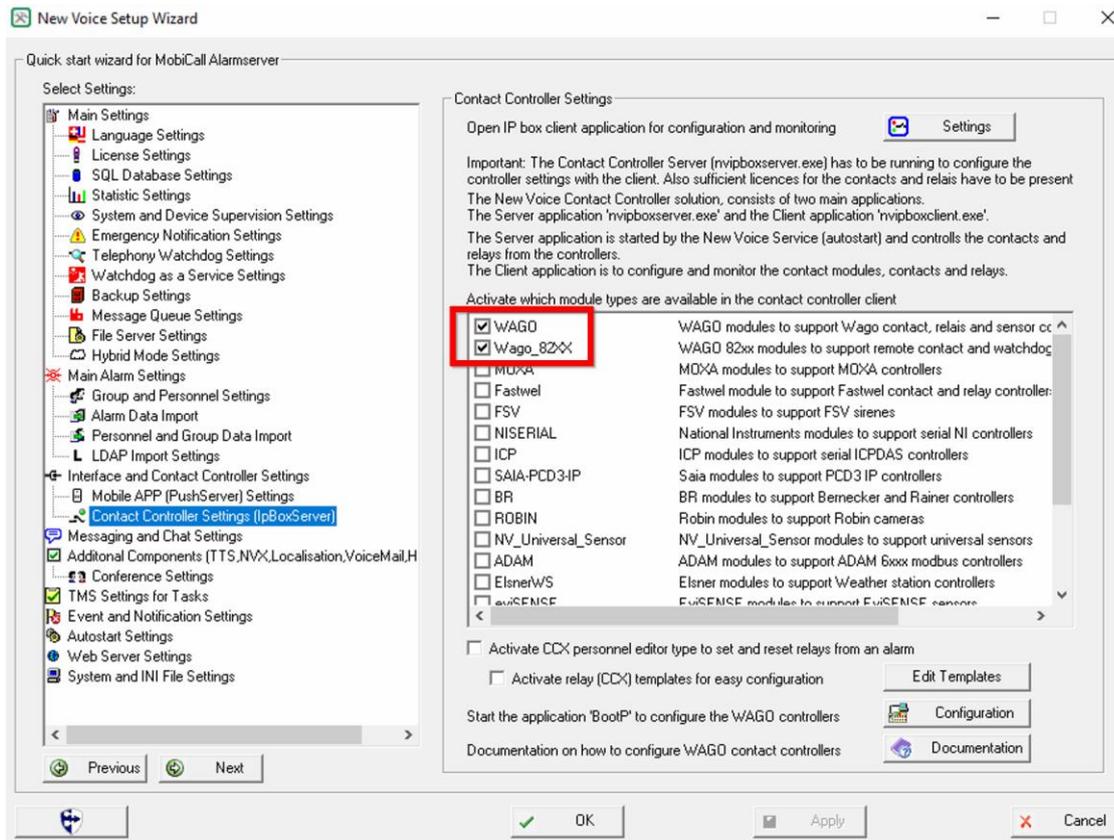


Voltage relative to 5V:

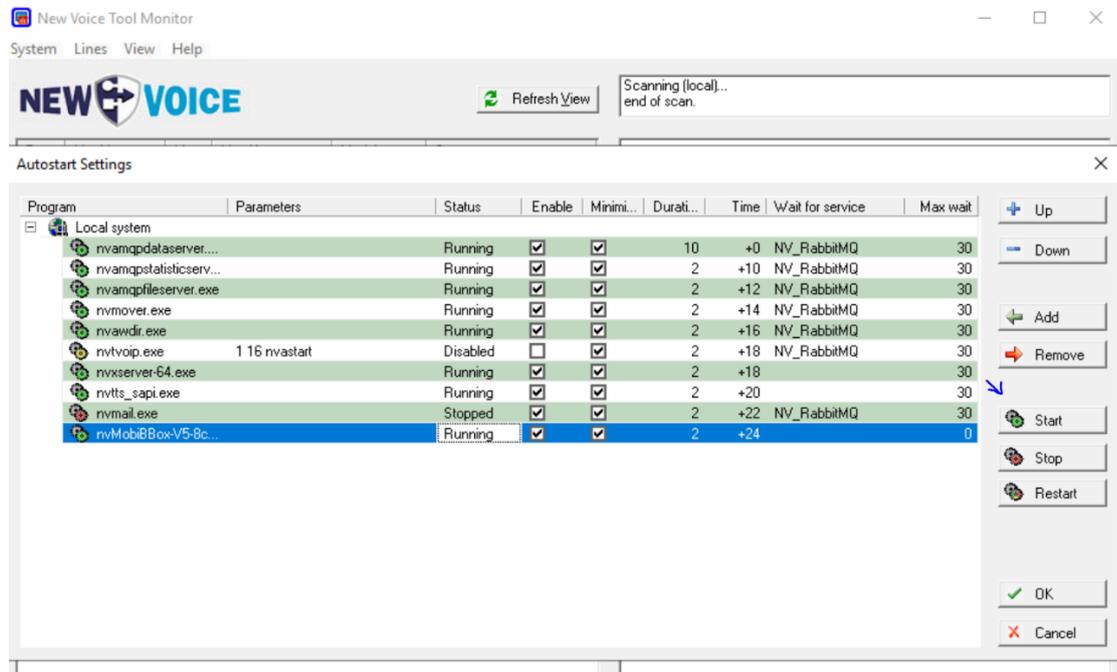


10.2.2 Activate MobiBBox contact controller

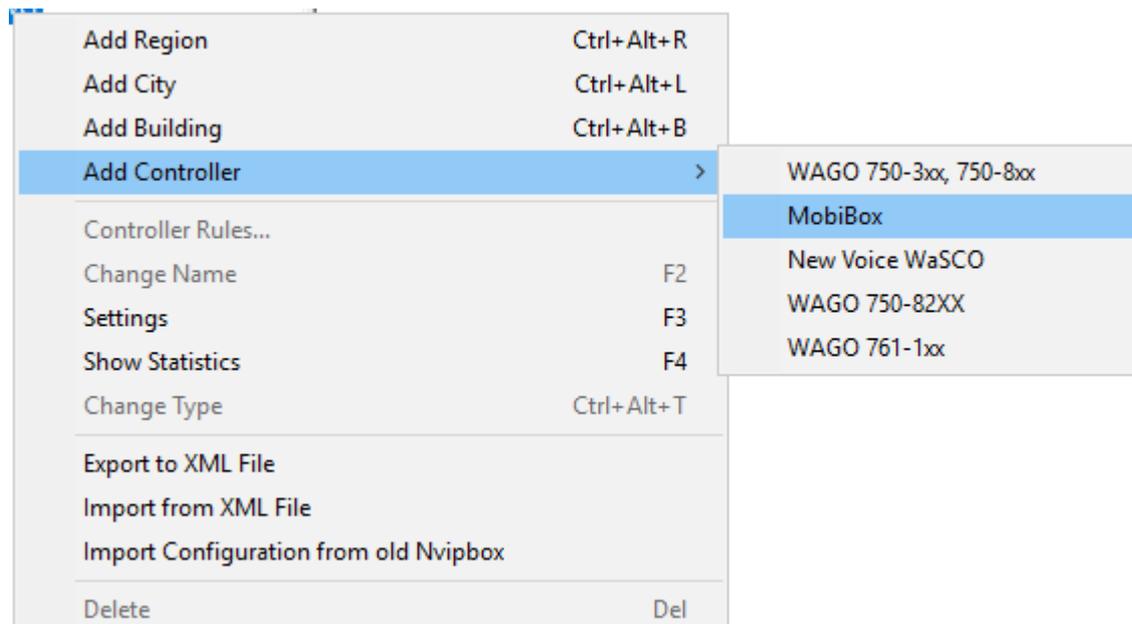
To activate the MobiBBox contact controller:



Starting the contact controller in the New Voice Tool Monitor:

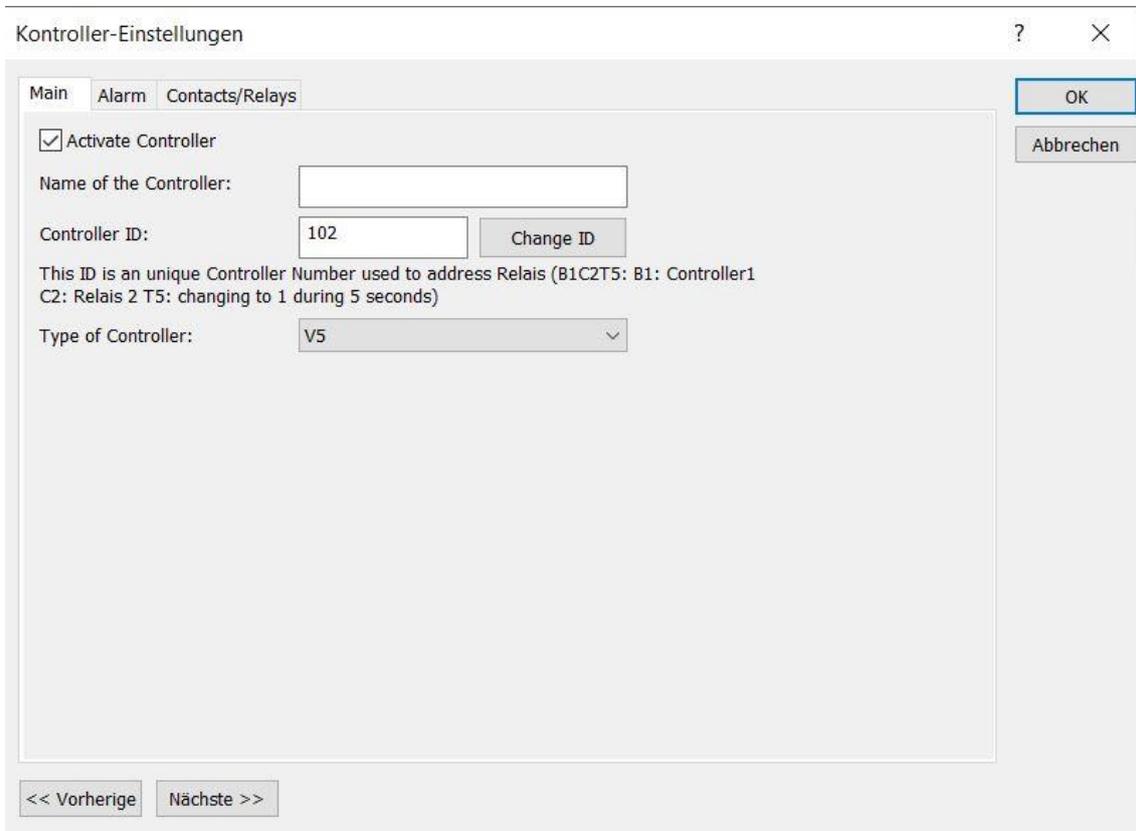


Open the New Voice Contact Controller program on the desktop and create a new controller (right-click Add new controller, MobiBBox)



10.2.3 Configuring the contact controller

To configure the MobiBBox Contact Controller:



Kontroller-Einstellungen

Main Alarm Contacts/Relays

Activate Controller

Name of the Controller:

Controller ID:

This ID is an unique Controller Number used to address Relais (B1C2T5: B1: Controller1 C2: Relais 2 T5: changing to 1 during 5 seconds)

Type of Controller:

<< Vorherige

For Type of Controller, please select V5 and define a name.

Controller Setting

? X

Main Alarm Contacts/Relays

OK

Contacts alarm offset:

As default specify an offset of 7000 for the first controller, 7100 for the next controller, ...

Sensor alarm offset: set -1 if alarm offset is not in use

Blinking

Use blink detection

Blink alarm offset 1 : Common blinking timer 1: ms

Blink alarm offset 2: Common blinking timer 2: ms

Timer is a max time nvipbox server waits for complete blink period. To high reliability use 20-50% longer time than period of expected signal.

Examples

- To detect 1sec blinking - recommended timer value is 1300 ms
- To detect 2sec blinking - recommended timer value is 2500 ms
- To detect 5sec blinking - recommended timer value is 6000 ms

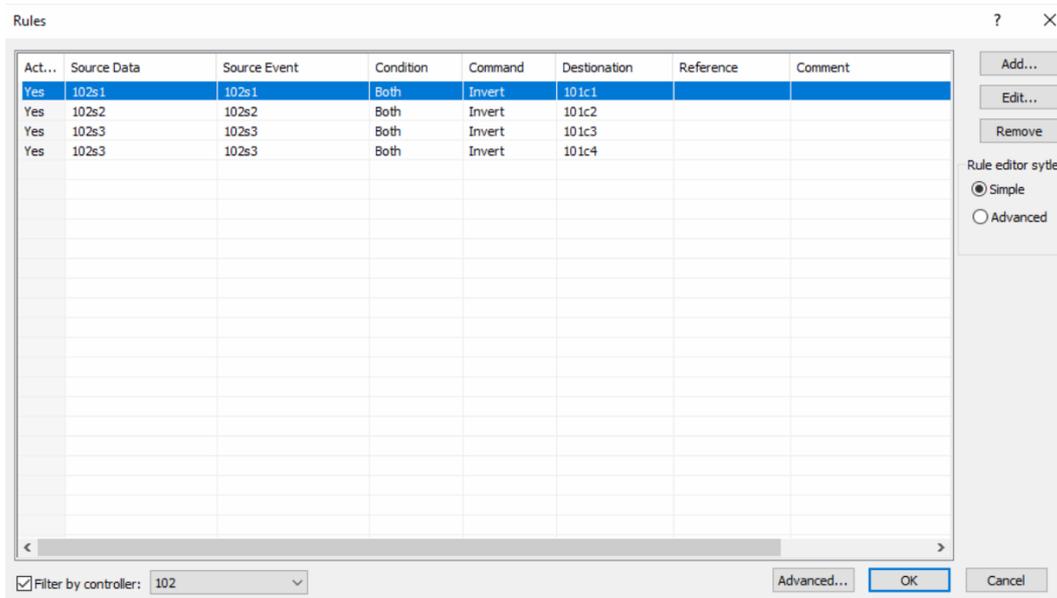
<< previous
next >>

Cancel

Please select the offset according to your configured alarm scenarios.

10.2.4 Special Feature MobiBBox V5 – Wago PFC 200 Rules

The following rules were set up: if you press button 1 on the controller of the MobiBBox V5, relay 1 on the PFC-200 switches



Act...	Source Data	Source Event	Condition	Command	Destination	Reference	Comment
Yes	102s1	102s1	Both	Invert	101c1		
Yes	102s2	102s2	Both	Invert	101c2		
Yes	102s3	102s3	Both	Invert	101c3		
Yes	102s3	102s3	Both	Invert	101c4		

Filter by controller: 102

If you press button 2 on the controller of the MobiBBox V5, relay 2 on the PFC-200 switches

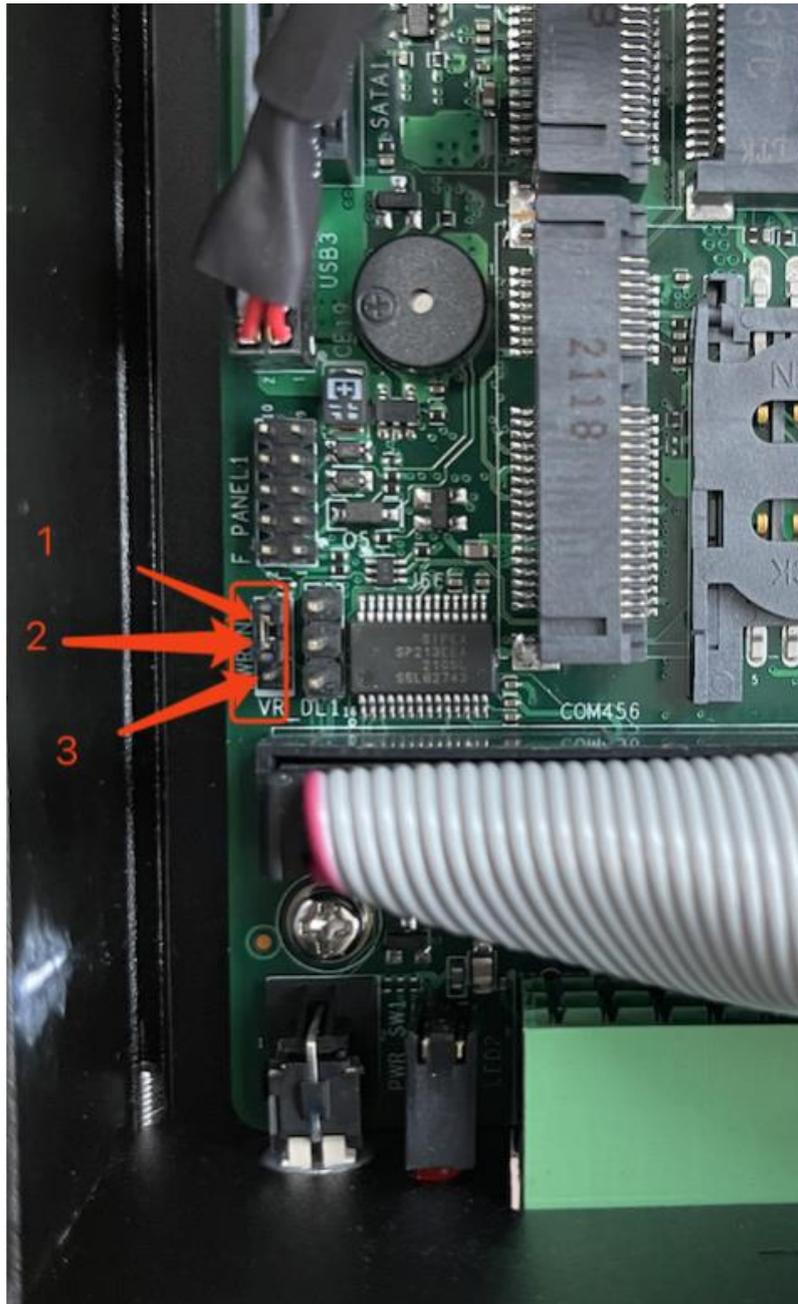
If you press button 3 on the controller of the MobiBBox V5, relay 3 and relay 4 on the PFC-200 switches

11 ACTIVATING AUTOMATIC RESTART

To activate the automatic restart function, e.g. after a power failure, it is necessary to set a jumper on the motherboard.

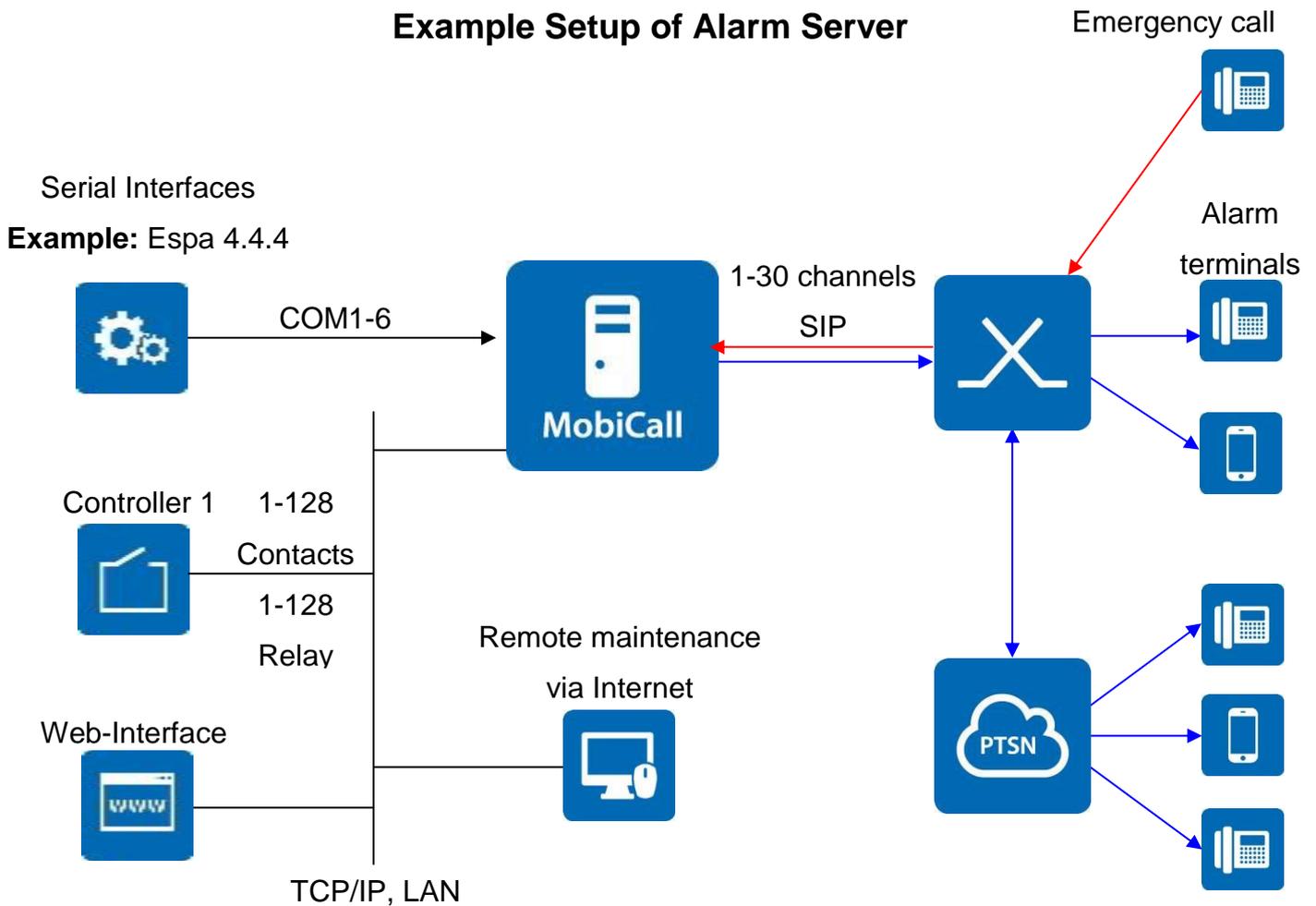
This jumper is set with every MobiBBox in the delivery state.





12 MOBICALL OVERVIEW

The scheme below shows the principle of the solution and provides a detailed overview of the various system components.



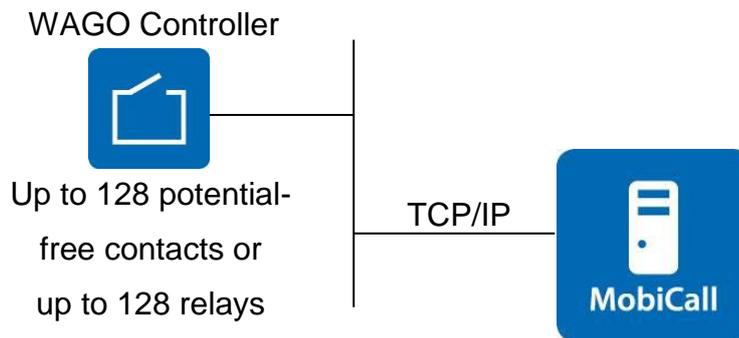
- **Alarmserver:** MobiBBox 12.0.6 maximum 30 VOIP channels over SIP
- **PBX:** e.g. Alcatel-Lucent OXE, Siemens HiPath, Cisco CUCM
- **Contact Controller:** Maximum 128 contacts outputs or 128 relay inputs
- **Interfaces 1-5:** Serial ESPA 4.4.4 interface at COM1-6
- **Emergency call:** over DECT, internal telephone, mobile phones
- **Web Interface:** Web Interface for person-, group- and alarm-management
- **Alarm terminals:** DECT, int./ext. telephone, mobile phones

13 CONTACT CONTROLLER WAGO [OPTIONAL]

For detailed setup and programming of the WAGO contact controller, please use the following instructions: [NVHW2001_WAGO_IP_Box_Server_EN.pdf](#)

Several contact controllers can be connected to the MobiBBox,

For more detailed information, please contact your New Voice representative.



13.1 Connection

The contact controller has an IP address and is connected to the alarm server via the LAN.



Comparable picture of the contact controller type WAGO.

The fixation takes place via a DIN rail, the contact connections are clamped.

13.2 Interface functionality and configuration:

Each potential-free contact is assigned an alarm in the alarm center.

For example, for all alarms that are to be triggered via the contact controller, an offset of 7000 is added. The offset may vary depending on the desired configuration.

13.3 WAGO Alarm Configuration, WAGO Controller

The contact designations must be defined.

13.3.1 Controller 1

Contact	Alarm	Description	Group/Person
1	7001	z.B. Fire alarm	(to define)
2	7002		„ — “
3	7003		„ — “
4	7004		„ — “
5	7005		„ — “
6	7006		„ — “
7	7007		„ — “
8	7008		„ — “
...			
128	7128		„ — “

Configuration of IP Contact Controllers

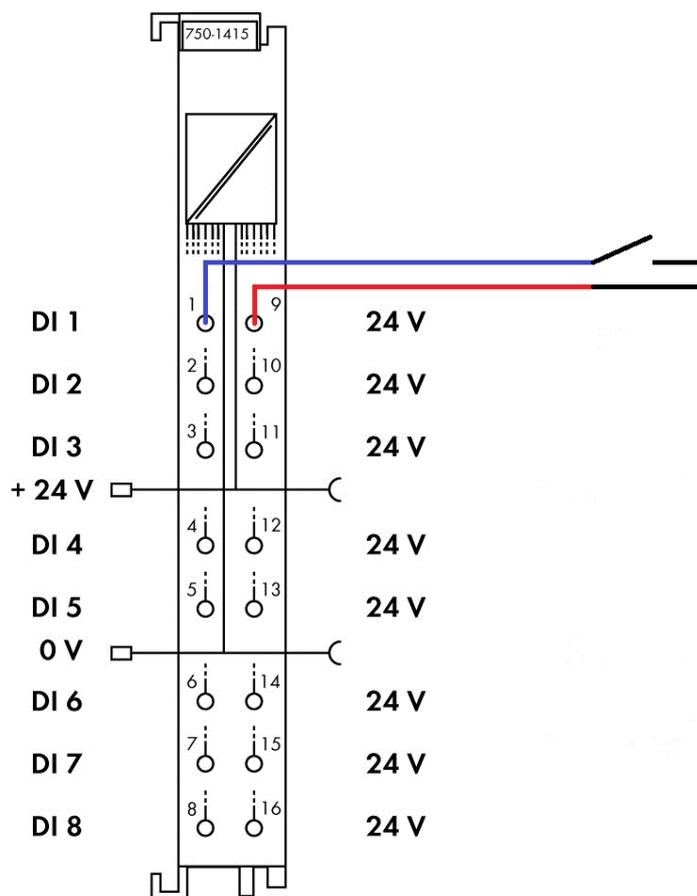
- 8-128 potential free contacts
- IP Address: _____
- Port Address: 502
- Alarm Offset: 7000
- Minimum Duration: 10 (Time, during which a contact must be closed / open before an alarm is triggered in tenths of a second); in push mode
The time is 0.5 seconds.

13.4 WAGO WatchDog Alarm

The WatchDog alarm is triggered if the connection between the MobiCall alarm server and the contact controller is lost.

Alarm	Description	Group
9700	WatchDog-Alarm Generic Alarm	Group 91
9701	WatchDog for Box 1	Group 91

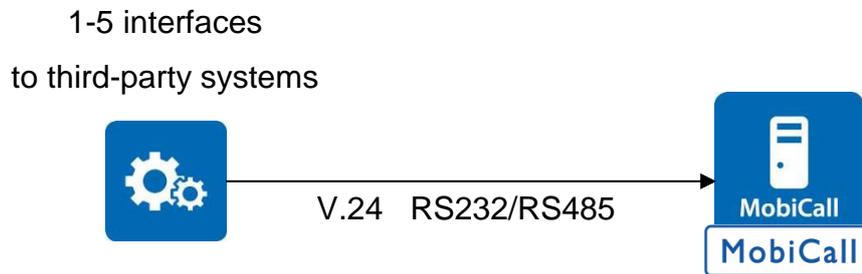
13.5 Connection Scheme WAGO-Box (Example)



For security reasons, a contact is preferably configured as "normally closed". If a higher degree of monitoring is desired, WAGO offers the 750-424 module, which detects interruptions and short circuits in the power supply line.

Caution: The numbering on the contact module does not correspond to the labelling by WAGO: WAGO vertical, New Voice horizontal, see figure.

14 INTERFACES TO EXTERNAL SYSTEMS [OPTIONAL]



Serial Connection

- Protocol: e.g. Esp8 4.4.4
- COM-Port: e.g. COM1

Connection

- 9-Pol-Plug: Pin2 receive, Pin3 send, Pin5 ground
- 25-Pol-Plug: Pin3 receive, Pin2 send, Pin7 ground

Transmission distances

- RS232: ca. 10 m
- RS485: ca. 500 m

The integration into MobiCall takes place via one of three variants

Variant 1: All alarms are forwarded to the employees via an alarm (e.g. 8001). The alarm text is removed from the interface and displayed on the display of the DECT, WiFi and fixed devices.

Option 1: MobiCall can search the alarm text for control characters/tag texts and trigger different alarm scenarios accordingly. Example:

Fire alarm:Location <A> Room 2508 Alarm 8001

Fire alarm:Location Room 1623 Alarm 8002

The sequence <A> or determines the alarm offset.

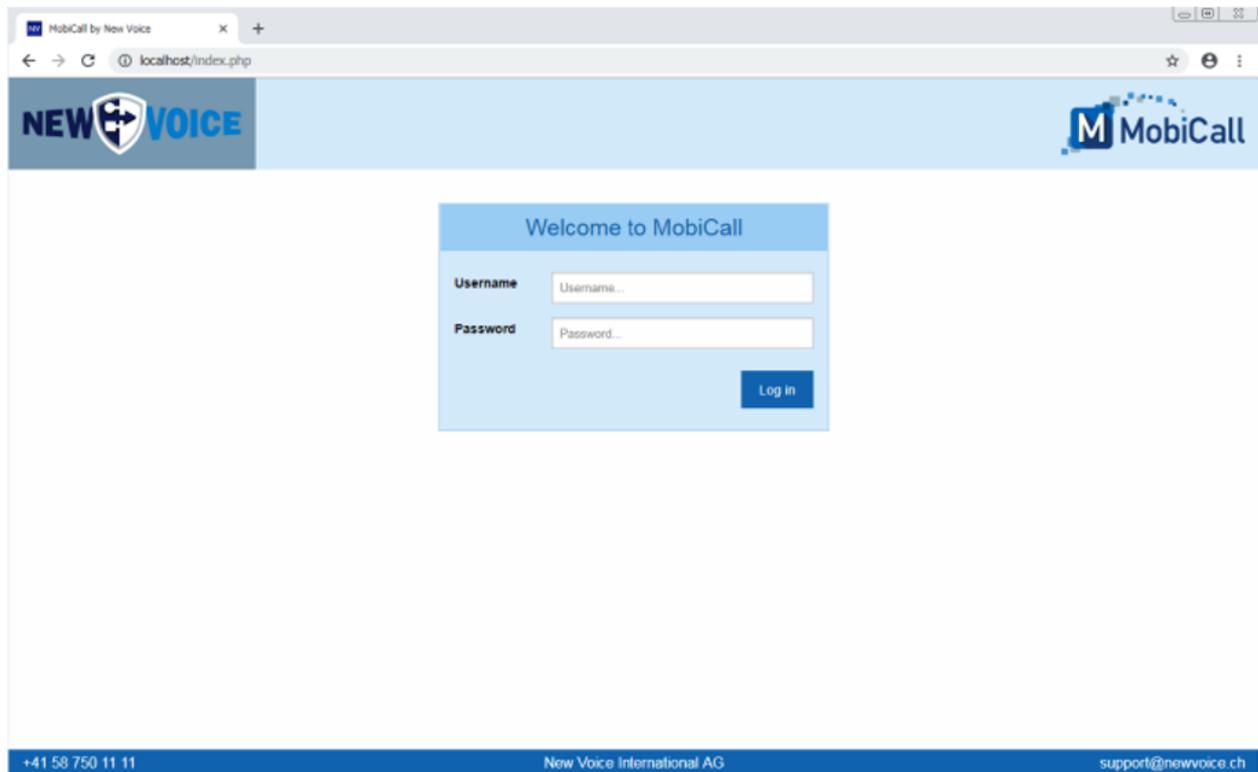
Option 2: Using "text-to-speech", the text can also be played on GSM and telephones without display.

Variant 2: The interface sends the alarm server an alarm number together with a dynamic alarm text. This text is displayed on the display of receiving devices such as DECT, WiFi and fixed devices or, for example, by short message via SMS. The statistics allow a more detailed evaluation than variant 1 allows.

Variant 3: All alarm texts transmitted by the interface are displayed as alarms in MobiCall, for example in the range 4001 to 4998. In the event of an alarm, MobiCall searches for the received alarm text in the configured alarm range 4001 to 4998. If the alarm text is not found, the default alarm e.g. 4999 is triggered.

15 WEB INTERFACE

Web can be opened via the browser with `http://localhost` on the MobiBBox server or `http://<MobiBBox_IP>` from another device with network access.



15.1 Basic requirements Web Interface

Browser Requirements

Browsers recommended:

- Mozilla Firefox with the latest updates
- Google Chrome with the latest updates

Browser supported:

- Microsoft Edge with the latest updates

Browsers not supported:

- Microsoft IE

If the MobiCall web interface is accessed remotely, one of the supported browser versions listed above is required.

A complete functional guarantee for other web browsers or versions not listed here cannot be given.

After the first login, you should change the password for the user "admin".

After logging in, select the item in the upper right corner Admin -> Settings

User Settings

Password must be changed

The new password must chosen carefully according to the password policy.

Name:	<input type="text" value="admin"/>
Username:	<input type="text" value="admin"/>
Password:	<input type="password" value="Please insert secure password..."/> 
Repeat Password:	<input type="password" value="Please confirm password..."/>

15.2 Licensed Web Features:

Mobilisation Package

- This package includes all the applications required to trigger, edit, recreate, delete, and test alarms.

Mandates Capability

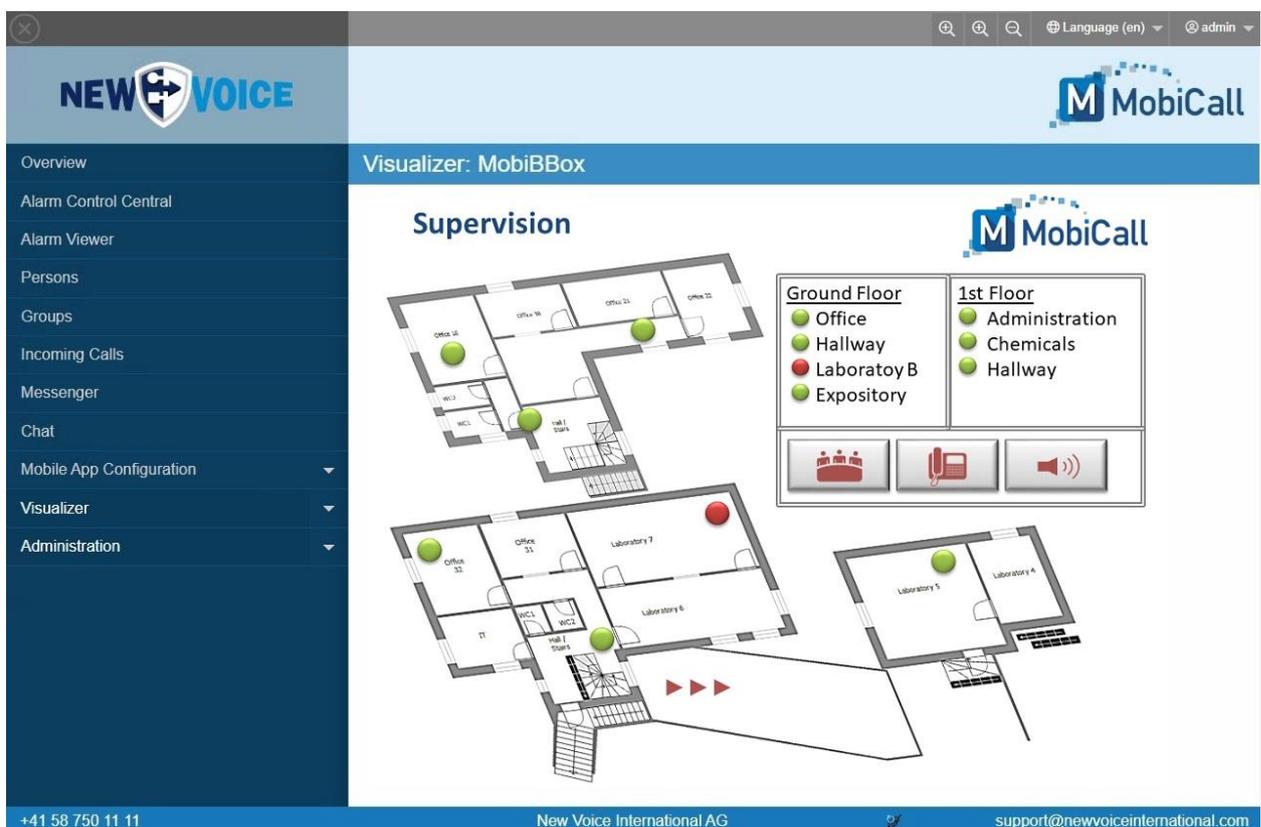
- The display and administration of alarms, alarm groups, alarm participants and calendar schedules can be activated specifically for certain users or user groups.

Group Organiser

- The group organiser offers the possibility to combine alarms and alarm groups into logical standby groups and to provide a user-dependent standby group application together with the feature "multi-client capability".

Visualizer

- With the Visualizer package, customer-specific web applications can be implemented.
- By means of animations or other graphical representations, alarm states can be displayed.
- Alarm buttons to trigger an alarm can be implemented.
- A visualization application can be extended to multiple pages to make the application clear and detailed.
- Backgrounds for building, terrain or simple structure plans can be imported.



The figure shows the active alarm of a DECT transmitter

Extended Access Rights / Access Control List (ACL)

- The "Extended Access Rights" license allows you to fine-tune access rights
- For alarms, groups, departments and calendars, the options "View", "Create", "Modify", "Delete" and "Run" are available. These allow unlimited flexibility in the configuration of access rights.

16 MONITORING AND SYSTEM ALARMS

The alarm server monitors all interfaces to and from MobiCall. As soon as the connection to the other side (contact controller, GPRS module, watch dog box) is lost, this is displayed in the responsible interface program. If the interruption lasts longer than the set time, an alarm is triggered, which usually mobilizes a person from the technology department to check the connection.

Alarm	Designation	Group
9600	Standard Messenger Alarm To test the Messenger alarm	Group 99
9610	Standard Conference Alarm Conference of 2 To test the conference of 2	Group 97
9700	Interruption to WAGO contact controller Please check the network connection	Group 91
9701	WatchDog Alarm CC-Box 1 Defined alarm triggered	Group 91
9840	SQL Database Errors Attention: no access to the SQL alarm database	Group 92
9850	Hard disk space (limit < 200 MB) There are less than 200 MB free on the hard disk)	Group 92
9860	Dongle Monitoring Attention, the license dongle has been removed	Group 92
9865	Automatic backup Configuration data cannot be saved.	Group 92
9900	Line monitoring Attention, MobiCall cannot make calls.	Group 93
9901	Line monitoring Attention, MobiCall does not receive a response.	Group 93
9902	Line monitoring Attention, MobiCall cannot receive calls.	Group 93
9903	Linienüberwachung Lines are OK	Group 93

9909	Call Collision Warning Attention not enough lines free, incoming/outgoing	Group 93
9910	Monitoring of interface 1 Alarm in case of disconnection to interface 1	Group 93

The alarms are configured by the partner or end customer.

17 NEW VOICE SERVICES AND PROCESSES

17.1 New Voice Services

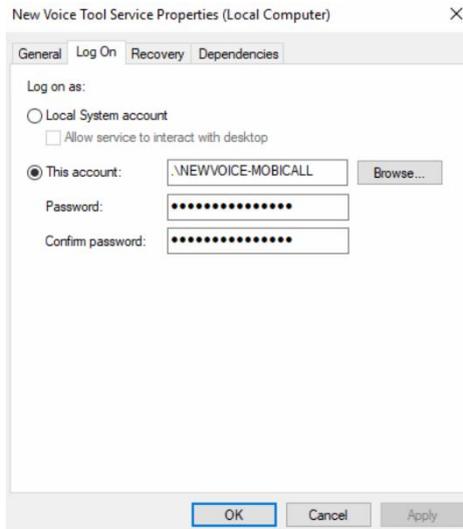
The processes required for alerting are started and monitored via the New Voice services "New Voice Tool Service" and "New Voice Application Manager" (visible under nvt servicemon.exe).

If a required process is terminated, it is automatically restarted.

Because the New Voice service logs on with either the administrator account or a service-owned account, the local user can log out and the processes continue to run.

Service	Description	Run by User
nvt serv	New Voice Tool Service Autostart and Monitoring Process	.\NEWVOICE- MOBICALL
nvmonsvc	New Voice Monitor Service Main Service for Monitoring the Main Service	Local System
spnsrvnt Sntlkeyssrvr sntlstrtsrvr	Sentinel Protection Server Management of Sentinel dongles connected to the PC	Local System
pg_ctl	New Voice SQL Service	.\NEWVOICE- MOBICALL
NV_Apache NV_RabbitMQ NV_PHP Serv	New Voice Web Services	Local System

Since no applications can be started without the New Voice Tool Service, this service is monitored by the additional service monitor nvmonsvc. The Service Monitor is accessed via the icon in the notification panel of the taskbar or  via Autostart in the Windows Start menu.



Only if the New Voice services are started under the administrator account:

When changing a password, it must be remembered that the password will also be adjusted in the properties for the "New Voice Tool Service" service.

Otherwise, the service will not be able to start at the next system restart (missing authorization).

The properties are accessed via: Start → Settings → Control Panel Administrative Tools Services New Voice Tool Service

17.2 New Voice Processes and Autostart Parameters

Service	Parameter	Description
1. nvmove.exe	E,M, 2 sec	For statistical data, etc.
2. nvawdir.exe	E,M, 2 sec	Job processing from DB
3. nvamqpdataserver.exe	E,M, 10 sec	AMQP Data Server
4. nvamqpstatisticsserver.exe	E,M, 2 sec	AMQP Statistic Server
5. nvtvoip.exe 1 X nvastart	E,M,, 2 sec	Telephony Program
6. Nvamqpfilesserver.exe	E,M,2 sec	AMQP File Server
7. Nvespa.exe	E,M,2 sec	Light call
8. New Voice Alarm IP Box nvipboxserver.exe	E,M,2 sec	Program for monitoring the potential-free contacts on the WAGO controller

The process "New Voice Statistics Manager and Disk Monitor" is also started and monitored by the service, but does not appear in the taskbar, but in the system tray (bottom right next to the time display). This program moves and deletes the statistics files, starts tasks and is used for the WatchDog functions.

Processes that do not need to be started for alarm operation:

- New Voice Monitor
- New Voice MobiCall Alarmcentral
- Alarmconfigurator
- New Voice Person-/Groupeditor
- New Voice Dial-Program to test of incoming and outgoing phone calls

18 INSTALLATION INSTRUCTIONS AND INFORMATION FOR SYSTEM INTEGRATOR

18.1 MobiCall Dimensions and connections

System

- MobiBBox comes pre-installed by New Voice.
- The system must be protected from dust, moisture and vibrations.
- The screen should have ($\geq 17"$) a minimum resolution of 1024 x 768 pixels.



Power Connections

The MobiBBox requires power sockets, which are protected by a UPS system (on-site delivery):

- Server room 1 socket for the MobiBBox 1 socket for the screen (does not necessarily have to be routed via the UPS) 1 socket reserve
- Location WAGO controller (possibly in the server room): [optional]
1 socket for WAGO controller 1
(controllers are supplied without power cord)
- Location watchdog box (possibly in the server room): [optional]
1 socket for the watchdog box

Networking

- The system requires a LAN connection for communication with the WAGO contact controller or with the PBX

The use of firewall and antivirus should be discussed with New Voice.

Serial port

- RS232 interface for third-party system connection

Various

- If you have any questions, please contact your New Voice representative.
- Post-installation documentation for peripherals can be found at [D:\nvt\doc](#)

19 MOBICALL – CONTACT FORM

MobiCall stands for a clear and simple approach while ensuring a cost-effective integration in the working process and in the infrastructure as well.

Please choose your field of activity:

- | | | |
|--|---|--|
| <input type="checkbox"/> Healthcare facility | <input type="checkbox"/> Hotel industry | <input type="checkbox"/> Police/ Civil defence |
| <input type="checkbox"/> Public institution | <input type="checkbox"/> Building/ Office | <input type="checkbox"/> Schools/ Universities |
| <input type="checkbox"/> Industry | <input type="checkbox"/> Financial sector | <input type="checkbox"/> Other |

Please select the solution/solution components needed:

- | | | |
|--|--|--|
| <input type="checkbox"/> Fire alarm | <input type="checkbox"/> Voice recording | <input type="checkbox"/> Multi-client capability |
| <input type="checkbox"/> Evacuation | <input type="checkbox"/> Web rendering | <input type="checkbox"/> Access control |
| <input type="checkbox"/> Personal security | <input type="checkbox"/> Localisation / Path Finding / AssetTracking | <input type="checkbox"/> Hotline Solution |
| <input type="checkbox"/> Web interface | <input type="checkbox"/> Loudspeaker | <input type="checkbox"/> Automated monitoring |
| <input type="checkbox"/> Database/ Statistics | <input type="checkbox"/> Video monitoring | <input type="checkbox"/> Contingency plans |
| <input type="checkbox"/> Nurse call | <input type="checkbox"/> Network / PBX monitoring | <input type="checkbox"/> Minibar/ Baby-phone Room status |
| <input type="checkbox"/> Conferences | <input type="checkbox"/> Mobilisation | <input type="checkbox"/> Mobility solutions (3G/4G/5G/Wi-Fi) |
| <input type="checkbox"/> Production monitoring | <input type="checkbox"/> Building Automation System | <input type="checkbox"/> Other |

Company:

Postcode/City:

Country:

Contact person:

Phone:

E-Mail:

Notes:

Please send this form to mobicall@newvoice.global