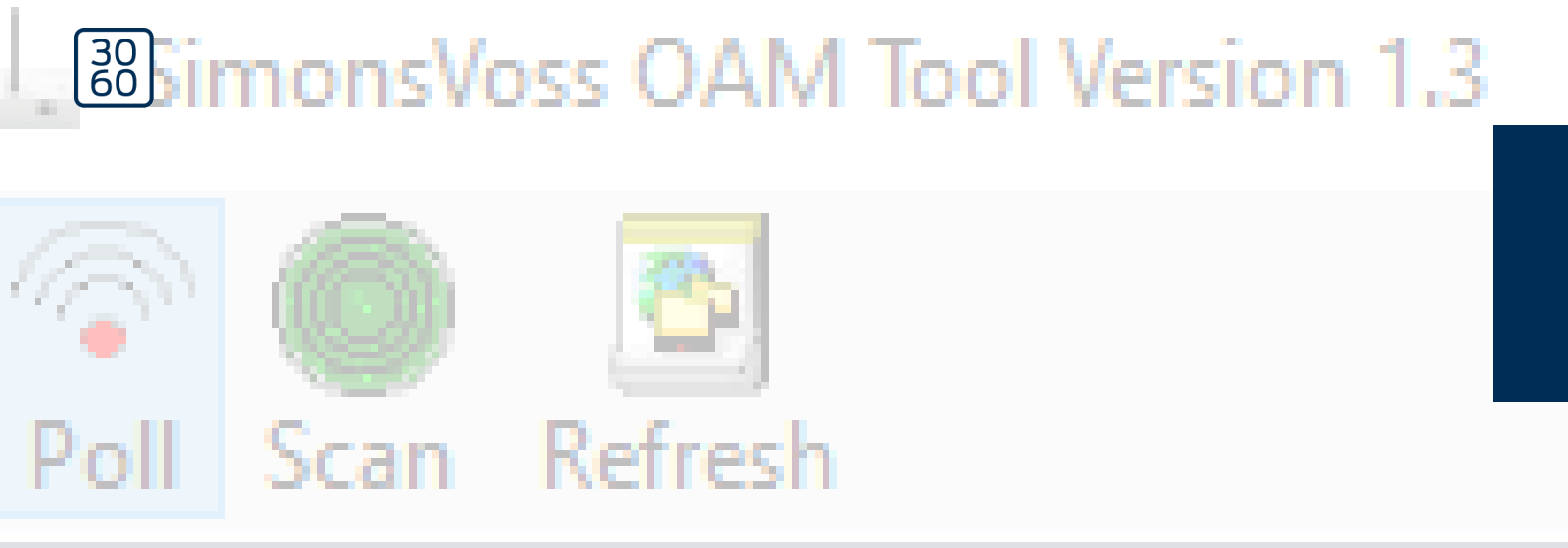
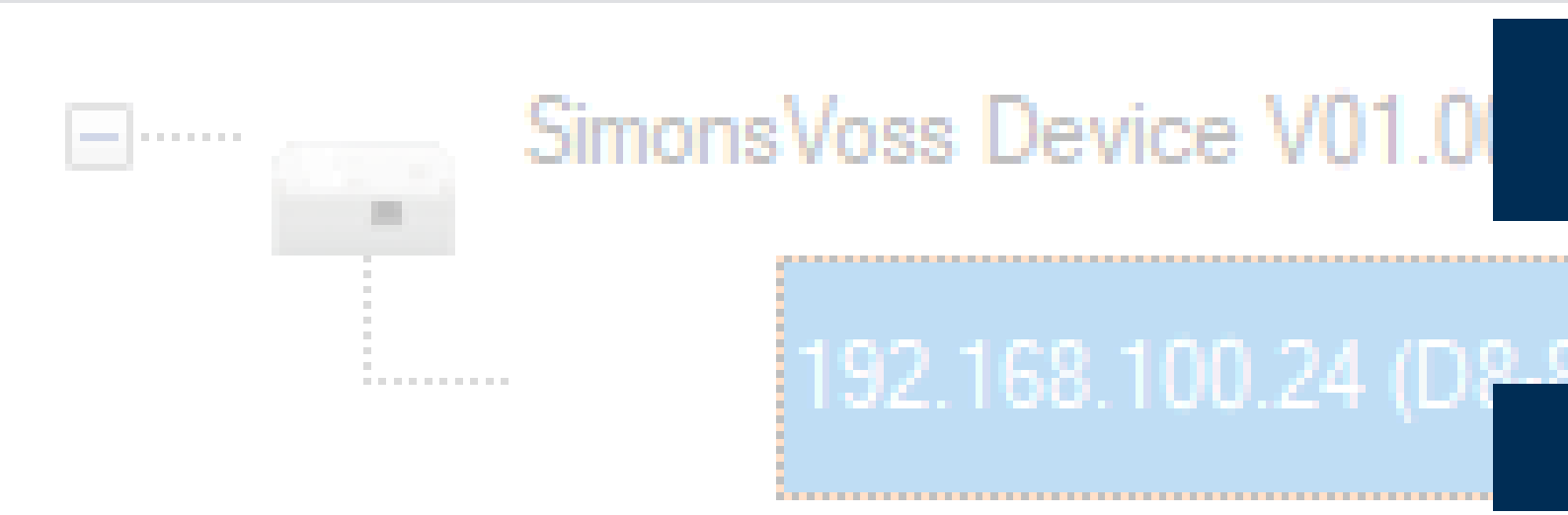




OAM tool

Manual

09.07.2024

Contents

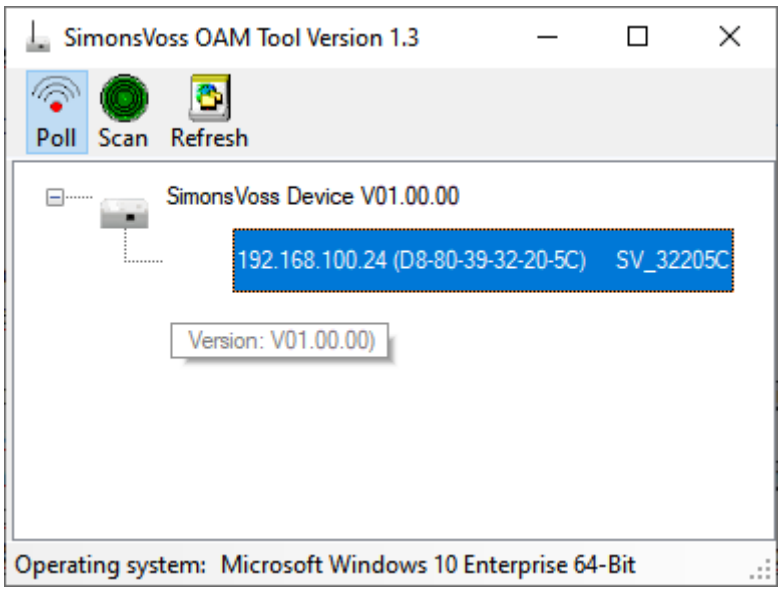
1. Meaning of the text formatting

This documentation uses text formatting and design elements to facilitate understanding. The table explains the meaning of possible text formatting:

Example	button
☑ Example ☐ Example	checkbox
◉ Example	Option
[Example]	Tab
"Example"	Name of a displayed window
| Example |	Upper programme bar
Example	Entry in the expanded upper programme bar
Example	Context menu entry
▼ Example	Name of a drop-down menu
"Example"	Selection option in a drop-down menu
"Example"	Area
Example	Field
Example	Name of a (Windows) service
Example	Commands (e.g. Windows CMD commands)
`Example`	Database entry
[Example]	MobileKey type selection

2. Determining and setting the IP address

With the Operation, Administration and Maintenance Tool (OAM tool) you can both read and set the IP address. The OAM tool is available free of charge in the download area of the SimonsVoss website (*https://www.simons-voss.com*). You do not need to install the OAM tool.



IMPORTANT

Unauthorised changing of the IP address

The OAM tool is freely accessible. The OAM tool can be misused by unauthorized persons to change the IP address of your RouterNodes, GatewayNodes or SmartBridges.

- Block changing the IP address in the OAM Tool via the browser interface (see *Browser interface [▸ 9]*).

NOTE

Unauthorised access with standard access data

The standard access data can be viewed freely. Unauthorised persons cannot change the access authorisations, but they can change the network configuration. You will then no longer be able to reach the device via the network and will have to reset it.

Some browsers do not transmit spaces at the beginning of the password.

1. Change the default password.
2. Do not start or end the password with spaces.

Determining the IP

NOTE

Error when connecting to several networks at the same time

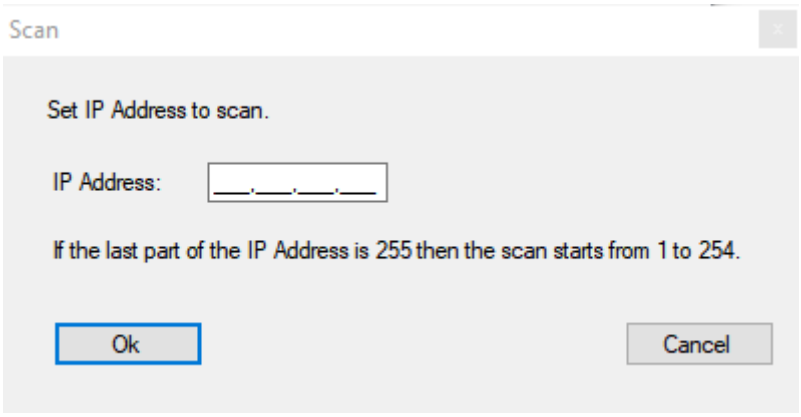
The OAM tool searches the network for SimonsVoss network devices. Computers can be connected to several networks (e.g. cable and WiFi). In such a case, it is not clear to the OAM tool which network is to be searched and not all SimonsVoss network devices may be found.

1. Disconnect network connections that are not needed.
2. Only connect the computer to the network that contains the network devices.

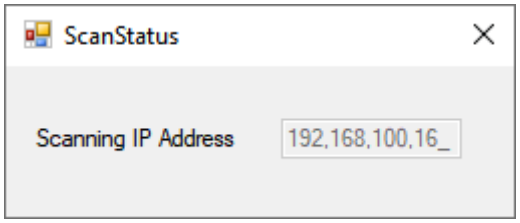
The procedure is described for RouterNodes. Use the same procedure for SmartIntego GatewayNodes and MobileKey SmartBridges.

✓ OAM tool available and unzipped.
✓ RouterNode connected to the network.
✓ Subnet known.

1. Double-click on the executable file to launch the OAM tool.
   ↳ The OAM tool will open.
2. Click the Scan button.
   ↳ The "Scan" window will open.



3. Enter a known IP address of a device in the (WaveNet) network (other or new devices will also be found. If you do not know an IP address, then use the following IP address: 192.168.100.255 - may differ depending on the subnet).
4. Click on the OK button.
   ↳ "Scan" window closes.
   ↳ OAM tool scans the address range.



↳ OAM tool displays detected devices in the list.

Choose between DHCP server or static IP. You can also make the settings described below in the browser interface (see *Browser interface [▸ 9]*).

The procedure is described for RouterNodes. Use the same procedure for SmartIntego GatewayNodes and MobileKey SmartBridges.

Set IP for DHCP mode (default)

If you use a DHCP server, a DHCP server will configure the IP address.

✓ OAM tool available and unzipped.
✓ RouterNode connected to the network.

1. Double-click on the executable file to launch the OAM tool.
   ↳ The OAM tool will open.
2. Click the Refresh button.
   ↳ RouterNode's IP address updated.
3. Right-click the entry for the RouterNode's IP address you want to update to open the context menu.

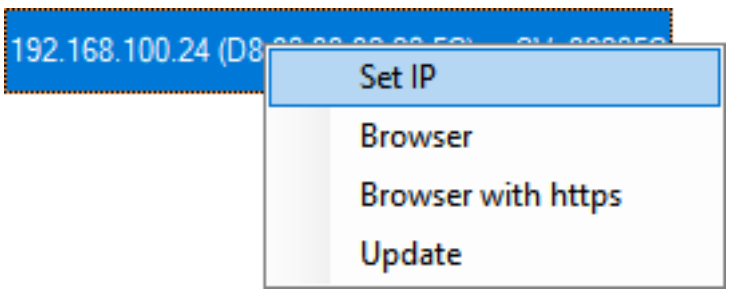
NOTE

Compare MAC

If you select the wrong RouterNode, you could assign the same IP address multiple times.

▪ Compare the MAC address of the entry with the label on your RouterNode.

4. Click the Set IP entry.



   ↳ The "Network configuration" window will open.
5. Make sure that the checkbox ☑ Enable DHCP is activated.

6. If no address reservation is provided for this RouterNode on the DHCP server, note down the *hostname* (e.g. SV_32205C). You will need it later when you carry out configuration in WaveNet Manager (see WaveNet manual - Add RouterNode to WaveNet).
7. Click on the OK button.
   ↳ "Network configuration" window closes.
   ↳ RouterNode restarts.
8. Close the reboot notification window.
9. Close the OAM tool.

↳ DHCP mode is configured.

Configuring the IP for operation with static IP address

If you do not use a DHCP server, the IP address is configured with the default factory setting. You must change the IP address in this case; if you don't, several RouterNodes will have the same IP (i.e. the default factory IP) and will not be able to communicate.

✓ OAM tool available and unzipped.
✓ RouterNode connected to the network.

1. Double-click on the executable file to launch the OAM tool.
   ↳ The OAM tool will open.
2. Click the Refresh button.
   ↳ The RouterNode's IP address is now updated.
3. Right-click the entry for the RouterNode's IP address you want to update to open the context menu.

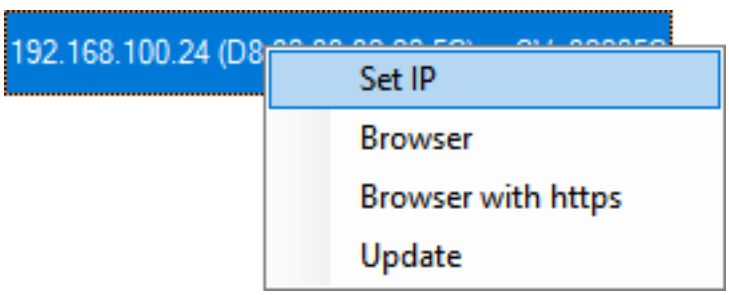
NOTE

Compare MAC

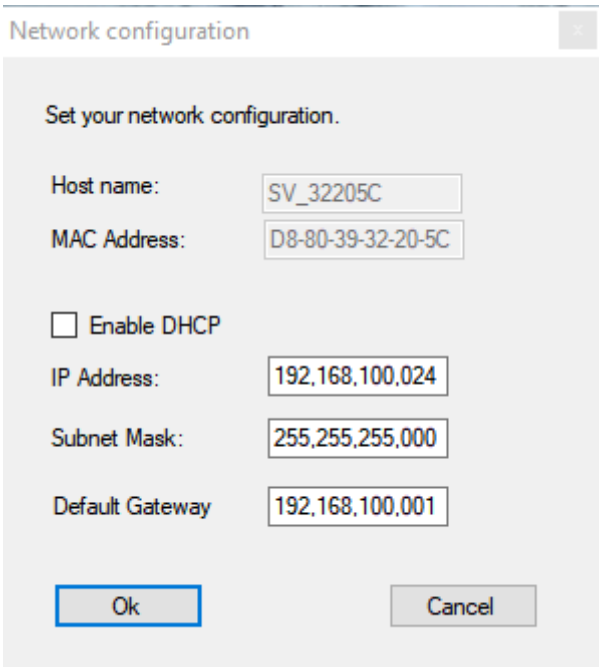
If you select the wrong RouterNode, you could assign the same IP address multiple times.

- Compare the MAC address of the entry with the label on your RouterNode.

4. Click the Set IP entry.



↳ The "Network configuration" window will open.



5. Disable the ☐ Enable DHCP check box.
6. Enter a new IP address if required.
7. Click on the OK button.
   ↳ "Network configuration" window closes.
   ↳ RouterNode restarts.
8. Close the reboot notification window.
9. Close the OAM tool.

↳ IP address is now configured.

3. Browser interface

You can use the Ethernet interface in the browser to configure the following for RouterNodes, GatewayNodes and SmartBridges:

- Allow changes using the OAM tool
- Password for the web interface
- IP address/DHCP mode
- Opening and closing the SMTP port

Launching

You receive the device with the following factory configuration:

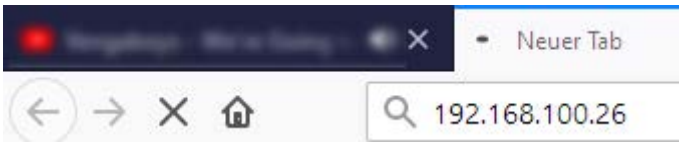
IP address	192.168.100.100 (if no DHCP server is found)
Subnet mask	255.255.0.0
User name	SimonsVoss
Password	SimonsVoss

The procedure is described for RouterNodes. Use the same procedure for SmartIntego GatewayNodes and MobileKey SmartBridges.

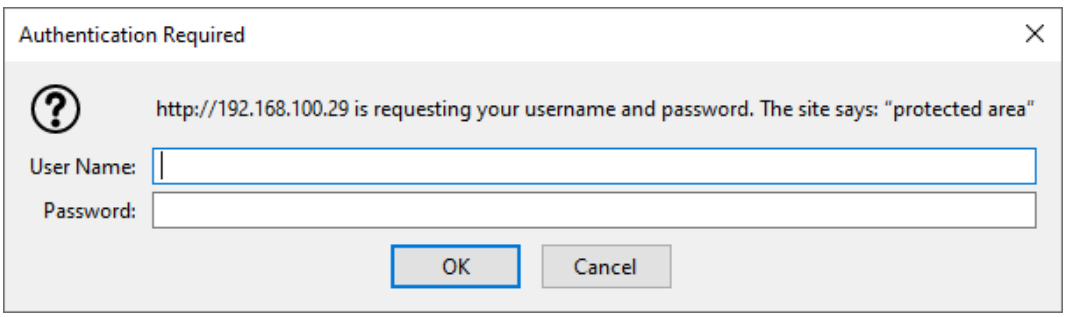
Change the default password after you launch for the first time.

✓ RouterNode IP known (see *Determining and setting the IP address [▸ 4]*).
✓ Browser open.
✓ User credentials known for the browser interface (name and password).

1. Enter the IP address in your browser's address field.

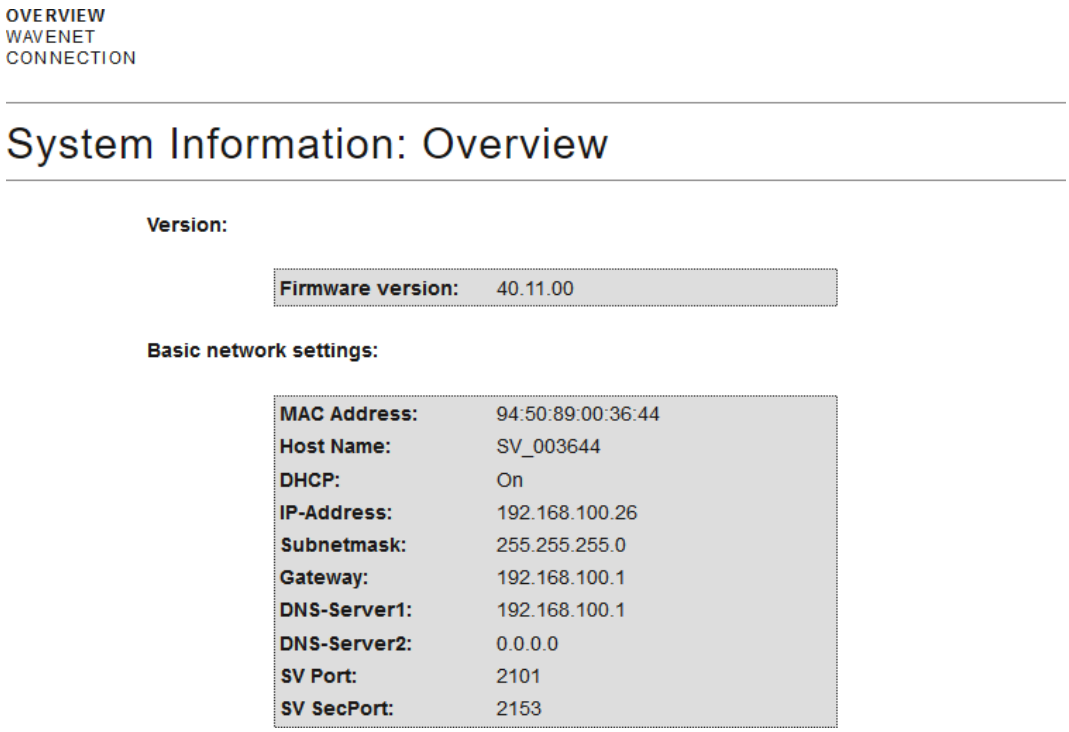


2. Press the Enter key to confirm.
   ↳ The "Authentication required" window will open.



3. Enter the login credentials.
4. Click on the OK button.

↳ The browser interface system overview is visible.



NOTE

Web interface can no longer be used with the default password with firmware 40.12 and above

The browser interface remains blocked in firmware version 40.12 or above until the default password has been changed.

- Change the default password.

↳ Browser interface is unblocked and settings can be changed.

NOTE

Unauthorised access with standard access data

The standard access data can be viewed freely. Unauthorised persons cannot change the access authorisations, but they can change the network configuration. You will then no longer be able to reach the device via the network and will have to reset it.

Some browsers do not transmit spaces at the beginning of the password.

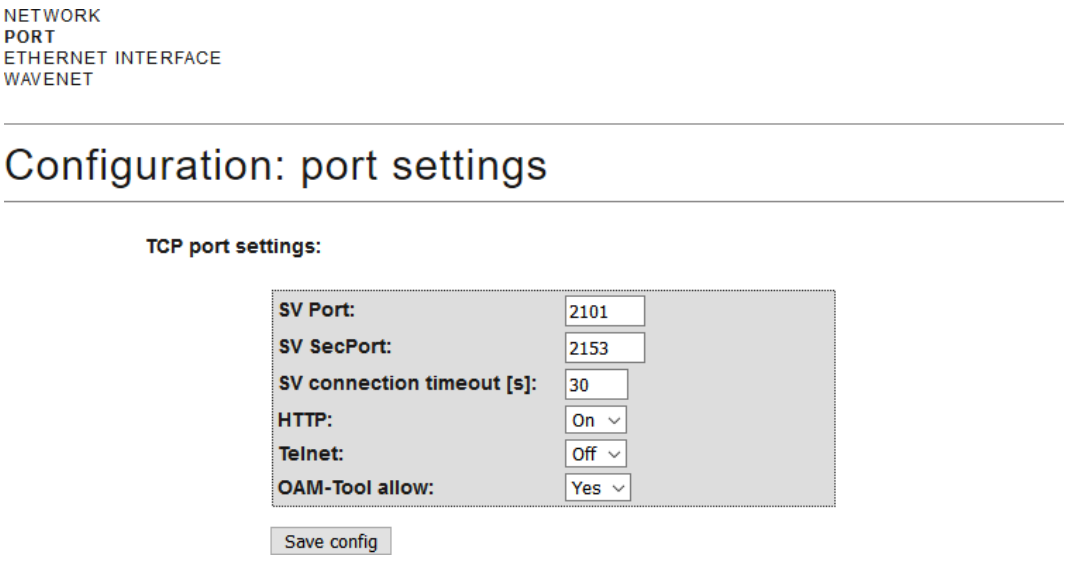
1. Change the default password.
2. Do not start or end the password with spaces.

Blocking/enable change to the IP address using the OAM tool

If you do not enable the ▼ **OAM-Tool allow**, you will not be able to use the OAM tool to perform updates.

✓ Browser interface opened.

1. Open the [PORT] tab using | CONFIGURATION |.
   ↳ You will see an overview of the TCP port settings for RouterNode 2.



2. Select the option "Yes" (enable the OAM tool to change the IP) or the option "No" (block change to the IP by the OAM tool) from the ▼ **OAM-Tool allow** drop-down menu.
3. Click on the button Save.

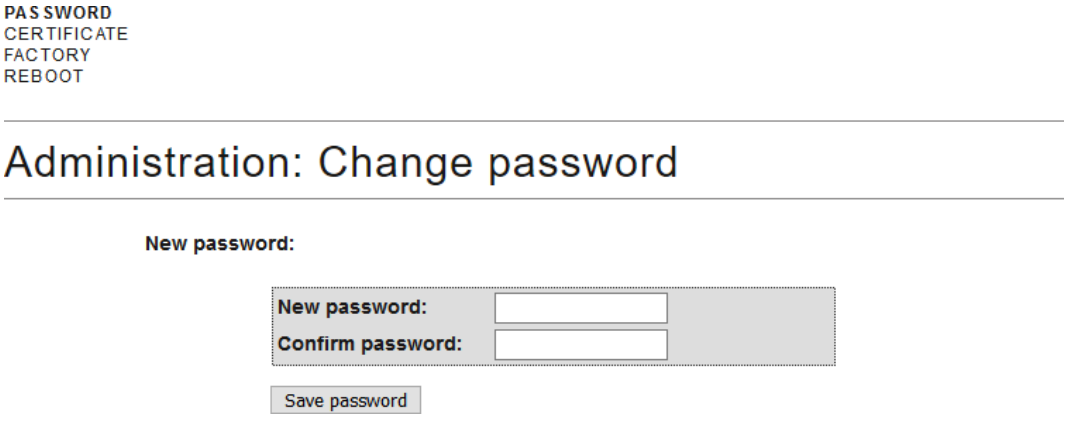
↳ Changing the IP address using the OAM tool is locked/allowed.

Change password

Some browsers do not register any spaces included at the start of a password, so do not begin your password with spaces.

✓ Browser interface opened.

1. Open the [PASSWORD] tab using | ADMINISTRATION |.



2. Enter your new password.
3. Repeat your new password.
4. Click on the Save password button.

↳ Password is now changed.

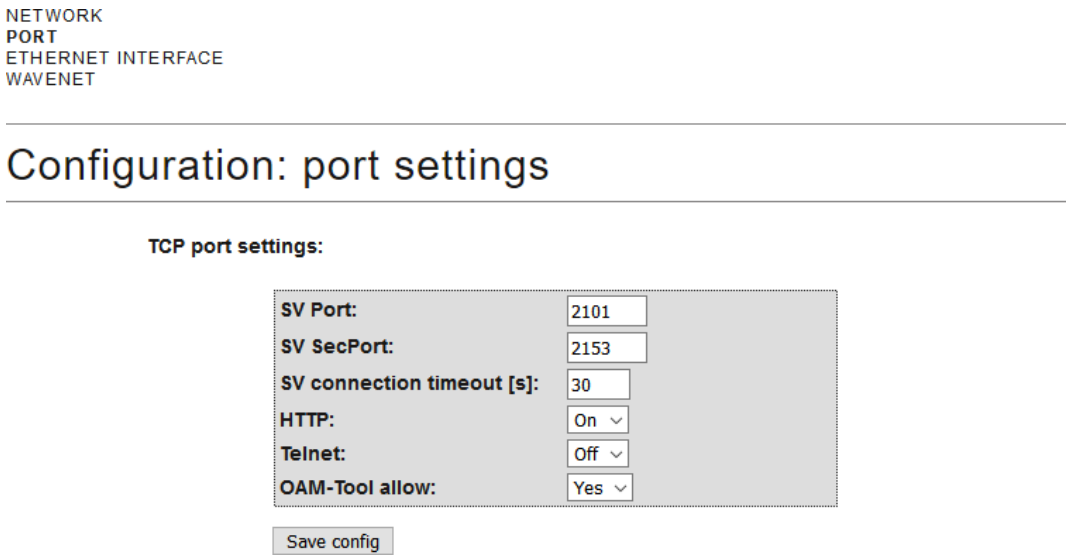
Opening and closing the SMTP port

The SMTP port is open ex works and after each reset. As a general rule, ports that are not required should be closed. If you close the SMTP port, the OAM tool will no longer find RouterNode 2.

✓ Browser interface opened.

1. Open the [PORT] tab using | CONFIGURATION |.

   ↳ You will see an overview of the TCP port settings for RouterNode 2.



2. Select the "Yes" option (open SMTP port) or the "No" option (close SMTP port) from the ▼ SMTP Port drop-down menu.
3. Click on the button Save.

↳ The SMTP port is open or closed.

4. Help and other information

Information material/documents

You will find detailed information on operation and configuration and other documents on the website:

https://www.simons-voss.com/en/documents.html

Software and drivers

Software and drivers can be found on the website:

https://www.simons-voss.com/en/service/software-downloads.html

Declarations of conformity

You will find declarations of conformity and other certificates on the website:

https://www.simons-voss.com/en/certificates.html

Technical support

Our technical support will be happy to help you (landline, costs depend on provider):

+49 (0) 89 / 99 228 333

Email

You may prefer to send us an email.

support-simonsvoss@allegion.com

FAQs

You will find information and help in the FAQ section:

https://faq.simons-voss.com/otrs/public.pl

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Feringastr. 4
D-85774 Unterfoehring
Germany

This is SimonsVoss

SimonsVoss, the pioneer in remote-controlled, cable-free locking technology provides system solutions with a wide range of products for SOHOs, SMEs, major companies and public institutions. SimonsVoss locking systems combine intelligent functionality, high quality and award-winning design Made in Germany.

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SimonsVoss technologies

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