# Quick- Start Software Guide

# barox Konfigurationstool b!ench

# barox Switch Config Tool !bench

barox Kommunikation Oktober 2021
Copyright © 2022 by barox Kommunikation AG
Guide Version 1.1

**Software version guide as of 1.0.1.0**

**System requirements:**

- x86 (Intel or AMD equivalent) based 4 core CPU (minimum 2 core and 2 threads) Computer with Ethernet and TCP/IP interface
- 4 GB RAM
- MS Windows 7 or 10 x64 (administrative or superuser rights required)
- barox 19" and DIN rail switches of the RY series with current firmware (please contact us if you have further questions about compatibility with individual devices)
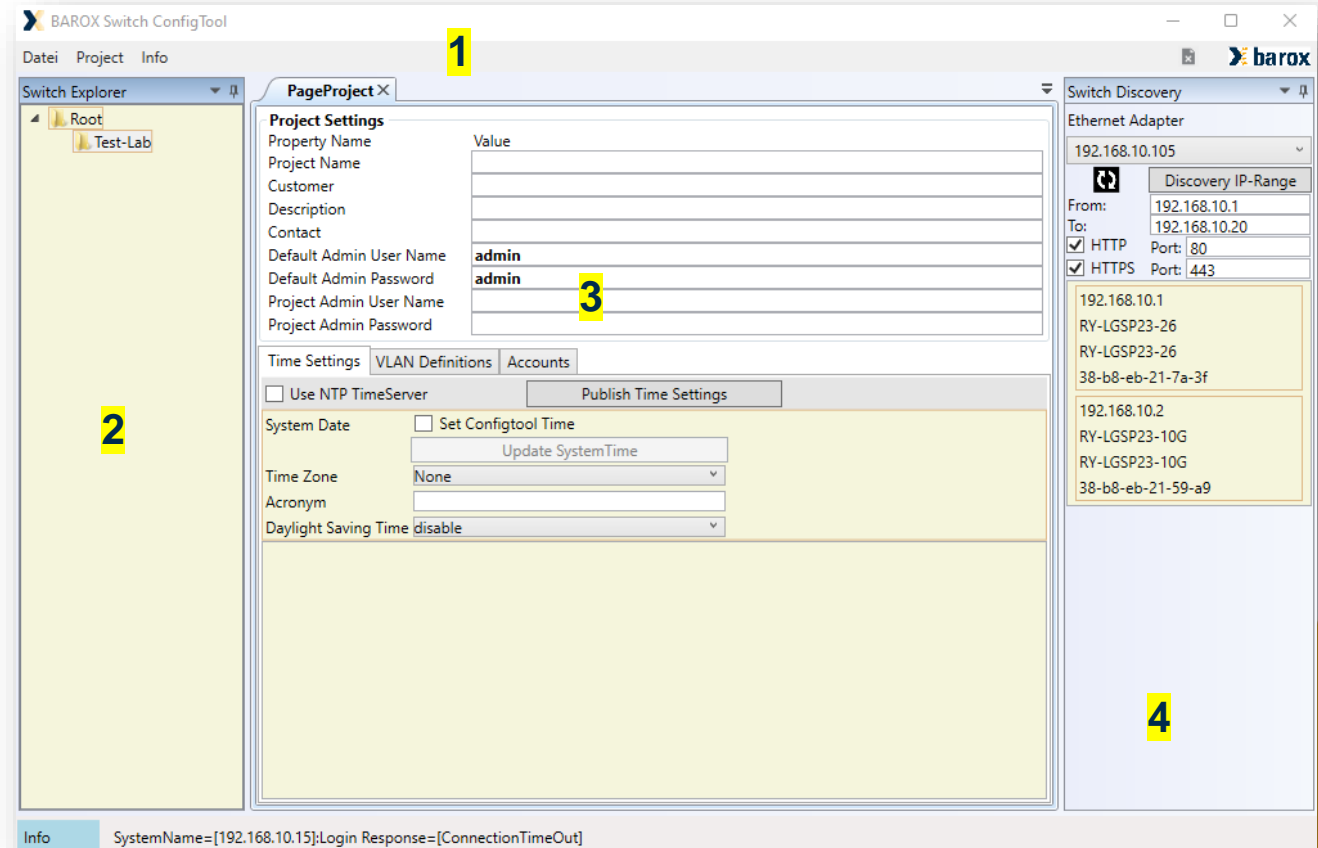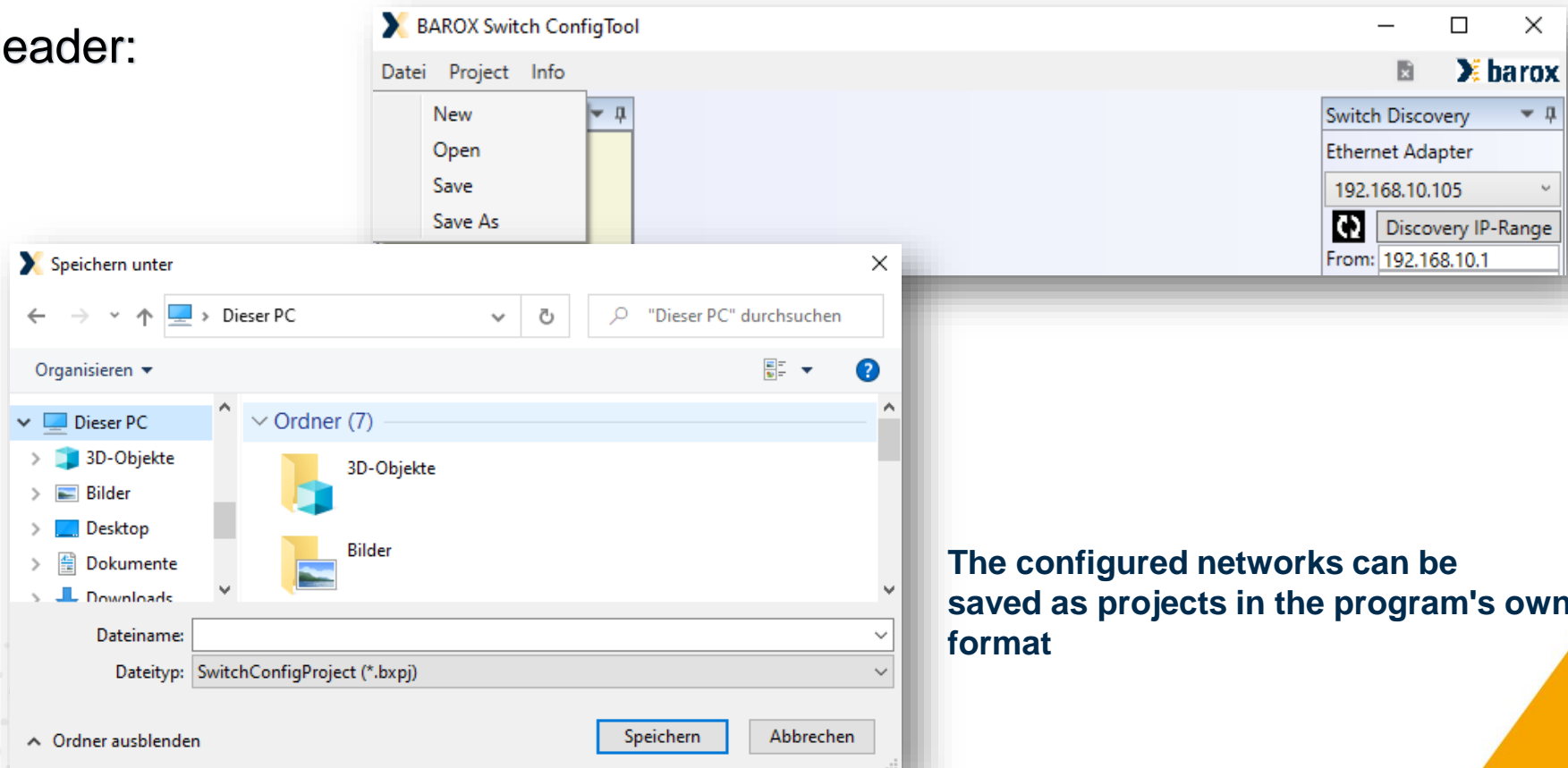
# barox Switch Config Tool !bench

## Overview:



**1**  Header Program Control

**2**  Administration area
   Switch network tree

**3**  Configuration area

**4**  Networkdiscovery and
   listing switches

# barox Switch Config Tool !bench

Header:



The configured networks can be saved as projects in the program's own format

# barox Switch Config Tool !bench

## Search in discovery area:

By clicking on the range "Discovery IP-Range" the the respective Ethernet port the search for the barox switches of the specified IP range is started in the program. Clicking again ends the search immediately. The found devices are listed.

For existing networks, the search can be performed using either HTTP or HTTPs port. By double-clicking on the respective listed switches the current user parameters can be specified for existing devices.

When commissioning new devices, the program automatically uses the factory user parameters.
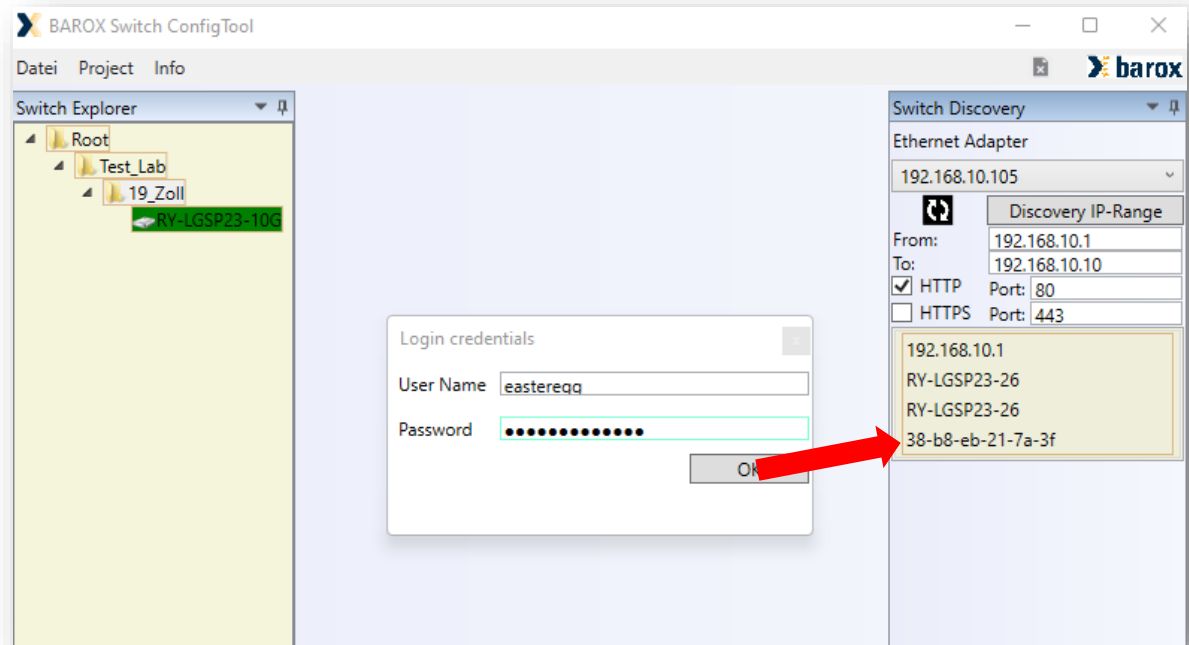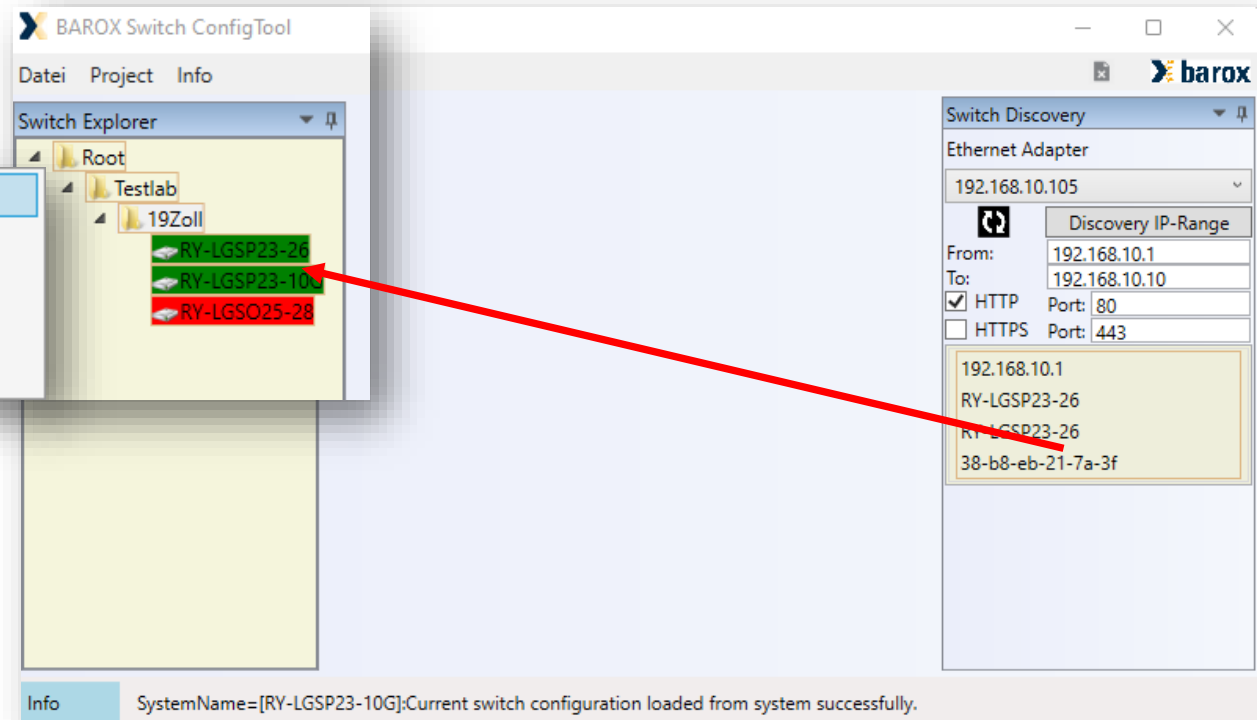
# barox Switch Config Tool !bench

## Administrations tree
## Switch Explorer:



In the area with right click
you can e.g. define the directory
structure for the organization
of the respective network
can be created.
Switches are created by
click & drag from the discovery area
added. Active components are shown in green and inaccessible ones in red. The
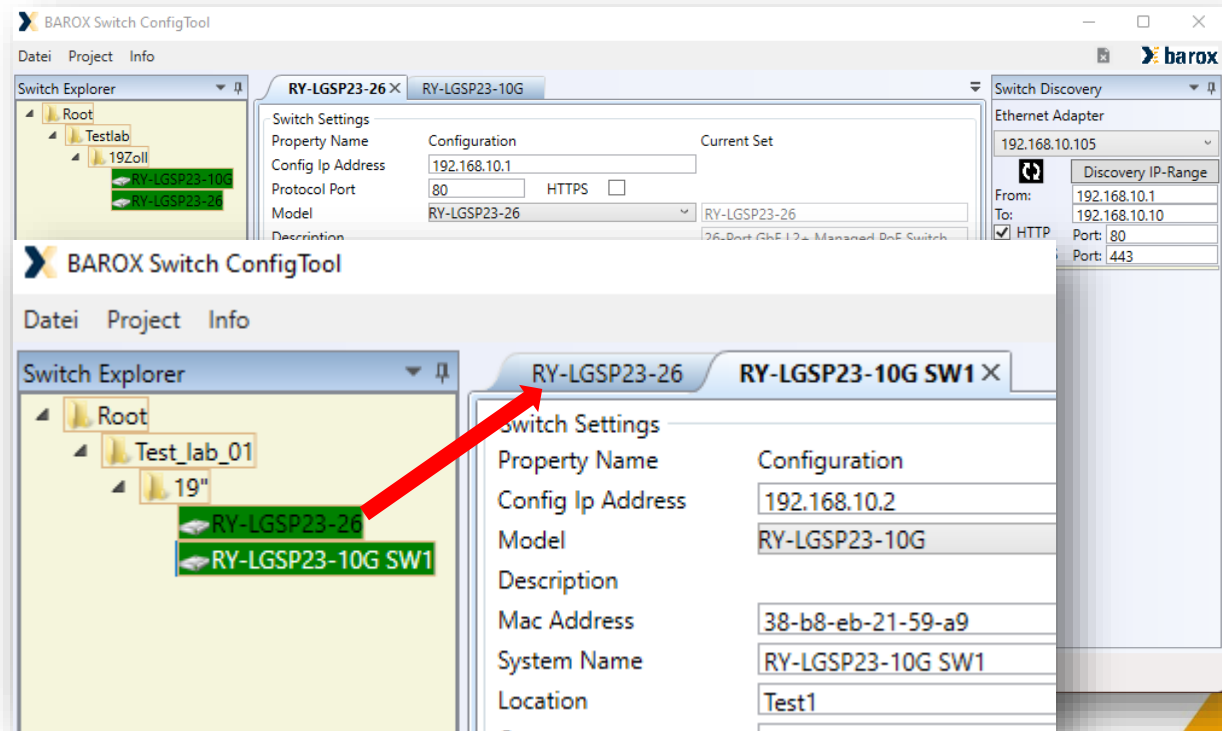actions refer to the respective folders and devices.

# barox Switch Config Tool !bench

## Configuration area:

Double-clicking on the respective switch symbol in the switch explorer opens the register for parameterization and control In the configuration area.

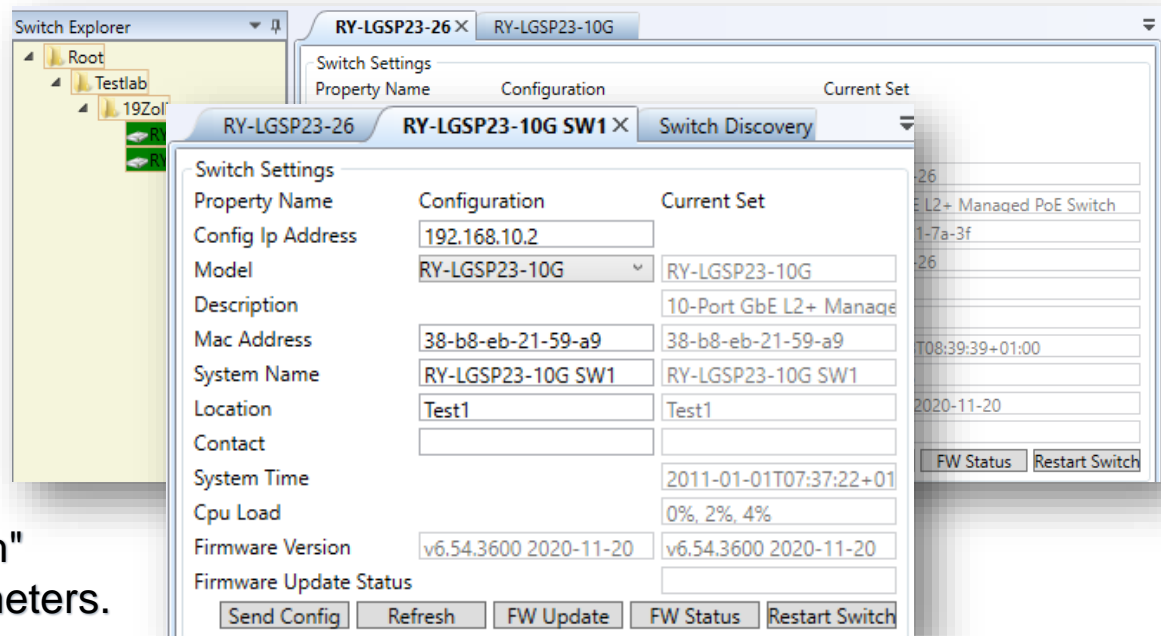The registers can be arranged horizontally as needed to the arrangement be shifted.

# barox Switch Config Tool !bench

## Configuration area:

Besides the basic switch
parameters, other actions
can be performed.

The "Send Config" button sends
the current configuration
to the switch and causes
Startupconfig to be saved. "Refresh"
triggers a new loading of the parameters.
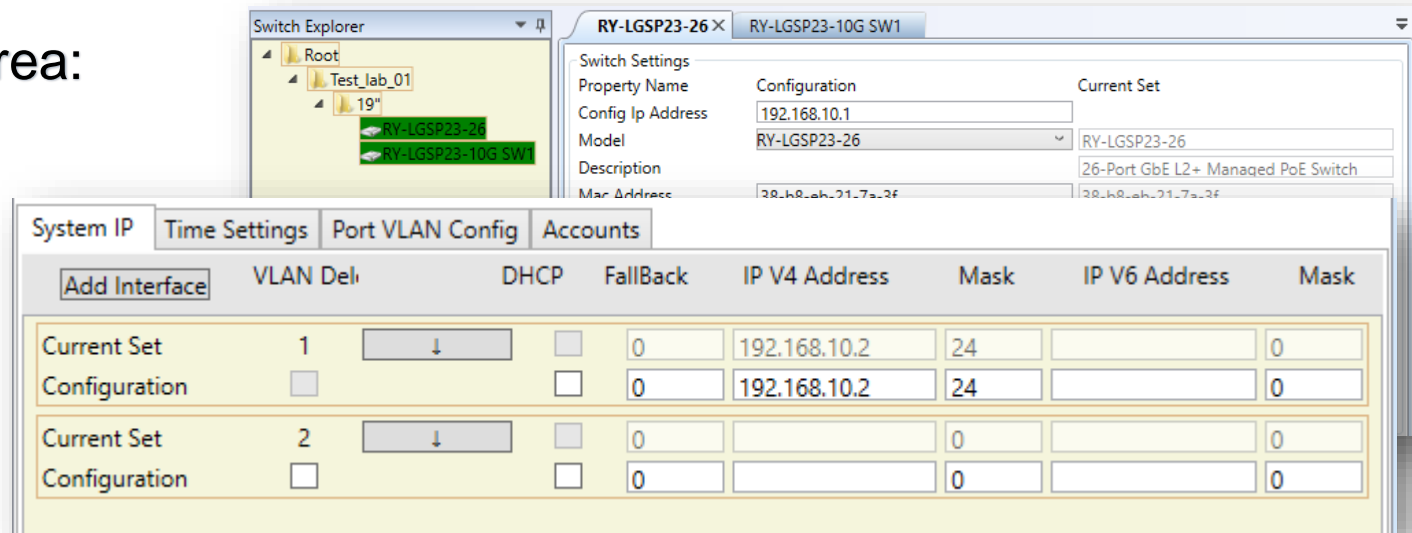


The "FW Update" function opens the dialog for selecting a firmware file and the "Open" option starts the update. During the update, the update status can be queried using the control panel. "Restart Switch" triggers a restart of the switch.

# barox Switch Config Tool !bench

## Configuration area:



**System IP**

The button "Add Interface" offers the possibility to create IP interfaces for further VLANs.
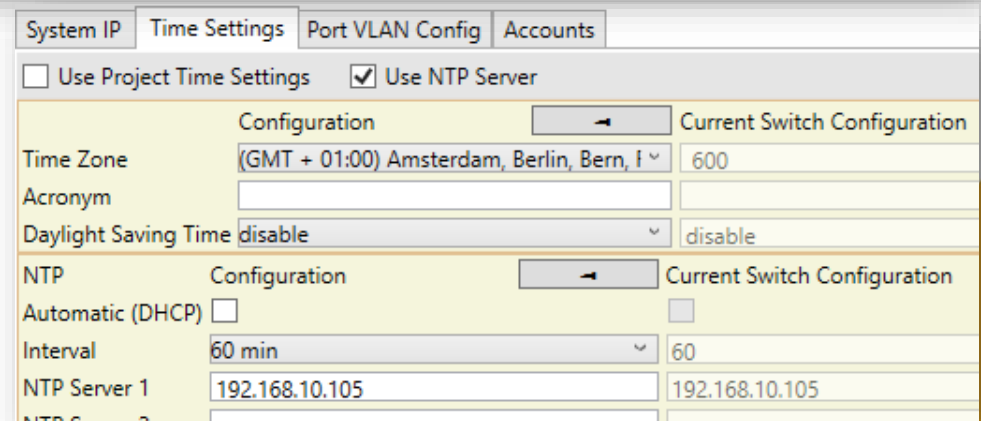
# barox Switch Config Tool !bench
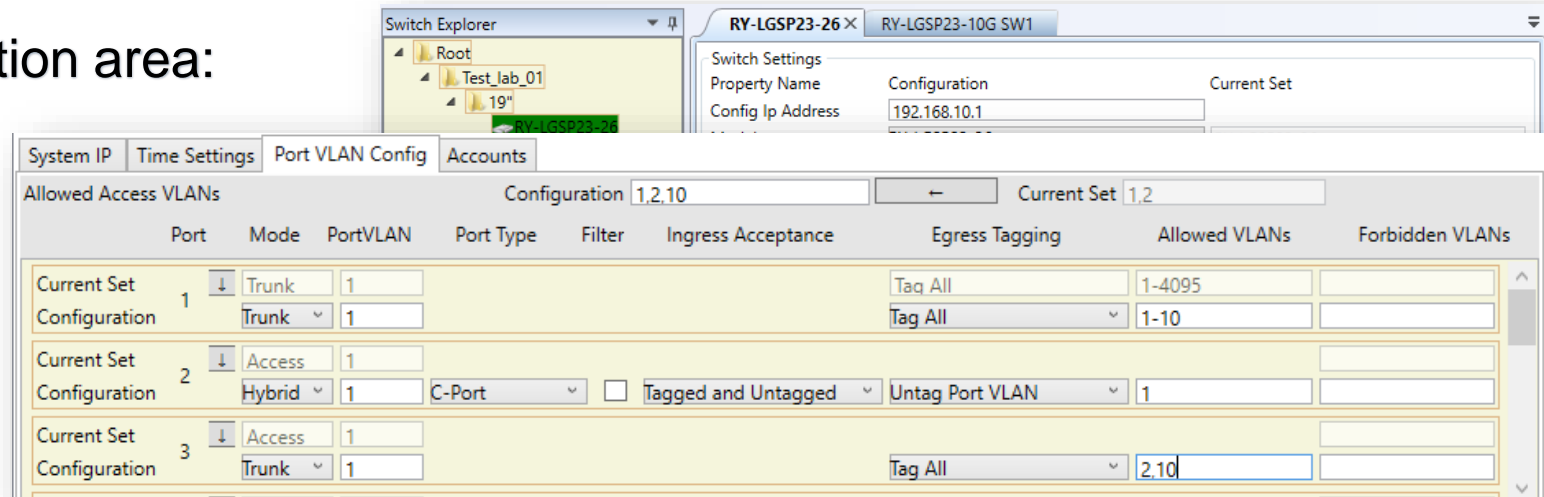
Configuration area:



Time Settings

The time settings can be set manually or additionally with the option "Set Current Configtool Time" the system time of the tool can be sent to the switch. With the "Use NTP Server" option, NTP servers and their addresses can be configured as timers as an alternative.

# barox Switch Config Tool !bench

## Configuration area:



## VLAN Configuration

In the configuration area "Port VLAN Config", the VLAN configuration can be done per port. The Access, Trunk and Hybrid modes with the respective tagging functions are available.

# barox Switch Config Tool !bench

## Configuration area:
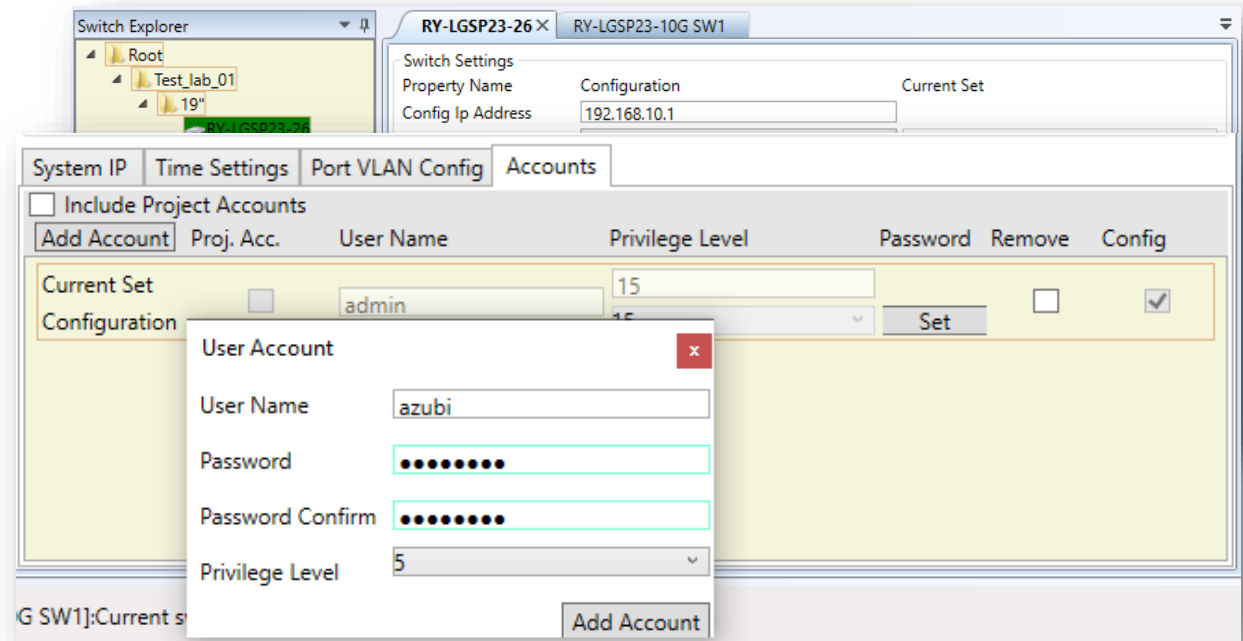


## Accounts

The "Add Account" button opens the dialog to create additional users with corresponding attributes in the switch.

# barox Switch Config Tool !bench

Further functions:

Right click on switch icon in the administration tree:

"Send config to switches" saves all configurations of the switches in the respective folder.

The "Web" function opens the GUI of the respective switch with the standard browser stored in the system.