

WebSupervisor

WebSupervisor - Getting Started

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1 Document information

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1.1 Clarification of notation

Note: This type of paragraph calls readers attention to a notice or related theme.

IMPORTANT: This type of paragraph highlights a procedure, adjustment etc., which can cause a damage or improper function of the equipment if not performed correctly and may not be clear at first sight.

Example: This type of paragraph contains information that is used to illustrate how a specific function works.

1.2 About this guide

This guide describes, how to get started with using WebSupervisor.

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Pay attention to the following recommendations and measures to increase the level of security of ComAp products and services.

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General security recommendations and set of measures

1. AccessCode

- Change the AccessCode BEFORE the device is connected to a network.
- Use a secure AccessCode – ideally a random string of 8 characters containing lowercase, uppercase letters and digits.
- For each device use a different AccessCode.

2. Password

- Change the password BEFORE the device enters a regular operation.
- Do not leave displays or PC tools unattended if an user, especially administrator, is logged in.

3. Controller Web interface

- The controller web interface at port TCP/80 is based on http, not https, and thus it is intended to be used only in closed private network infrastructures.
- Avoid exposing the port TCP/80 to the public Internet.

4. MODBUS/TCP

- The MODBUS/TCP protocol (port TCP/502) is an instrumentation protocol designed to exchange data between locally connected devices like sensors, I/O modules, controllers etc. From it's nature it does not contain any kind of security – neither encryption nor authentication. Thus it is intended to be used only in closed private network infrastructures.
- Avoid exposing the port TCP/502 to the public Internet.

5. SNMP

- The SNMP protocol (port UDP/161) version 1,2 is not encrypted. Thus it is intended to be used only in closed private network infrastructures.
- Avoid exposing the port UDP/161 to the public Internet.

1.4 Document history

| Revision number | Date | Author |
|-----------------|-----------|----------------|
| 1 | 20.9.2019 | Robert Jalůvka |

2 WebSupervisor

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There is no need to install any software on your computer, WebSupervisor is a cloud based system, that is available on the following address: www.websupervisor.net

This address will take you to a page where you can get more information, create a new account or log into existing account.

2.1 Account types

There are 3 types of accounts available:


- ▶ WebSupervisor Lite (free account with unlimited registered units)
- ▶ WebSupervisor Pro (paid account with 3 months free of charge; branding – logo and color schema as Default function)
- ▶ WebSupervisor On premises (paid WSV version, which can be installed on customers servers)

You can compare features of all three types in a table at www.websupervisor.net.

Note: WebSupervisor Pro and WebSupervisor On premises can be extended with extra paid Add-ons (see www.websupervisor.net)

2.2 How to create a WebSupervisor account

Enter the address www.websupervisor.net into your web browser and click on the "Sign up here" link below the login form.


Registration form will appear with the mandatory fields marked with a star. The request for a new account shall be confirmed with a  button. However, in case any of the mandatory fields are omitted or are filled incorrectly, a warning message appears and the registration is not processed. The missing / incorrect fields are highlighted in red.

Note: You have the possibility to select the type of an account and a plan directly during registration process (see **Account types** on page 6).

New account information

| New Account Information | Description / Options | Mandatory Field |
|-------------------------|--|-----------------|
| Login ID | Enter the alias for logging into the application | Yes |
| | Use preferably a single word with lowercase letters (e.g. johnsmith) | |
| | 6-50 characters | |

| New Account Information | Description / Options | Mandatory Field |
|-------------------------|--|-----------------|
| Home server | Choose the closest to your location | Yes |
| Password | Enter the user's password for logging into the application | Yes |
| | Required password characteristics: <ul style="list-style-type: none"> ▶ At least 8 characters ▶ Contains special characters (i.e. @\$%^&) ▶ Contains both lowercase and uppercase letters ▶ Do not use any common combinations, such as "password123", your login name, etc. | |
| Confirm your password | Retype the password to confirm it | Yes |
| Language | Select WSV application language | No |
| Time zone | Select the time zone you are located in | No |
| Your name | Enter your name | Yes |
| E-mail | Enter the email address | Yes |
| | It will be used for activation, notification messages and password recovery | |
| Phone | Enter the phone number | Yes |
| Company name | Enter your company name | Yes |
| VAT | Enter VAT (mandatory for EU countries) | Yes/No |
| Invoice currency | Choose the currency invoice would be in | Yes |
| Address | Enter address of your company | Yes |
| Town/City | Enter town/city of your company | Yes |
| Post/ZIP code | Enter Post or ZIP code of your company | Yes |
| Country | Choose country of your company | Yes |
| County/State | Enter county or state of your company | No |
| Agreement with T&C | Agree with our Terms and Conditions | Yes |
| Select your plan | Choose between free Lite account or paid Pro account | No |

After submitting your info via the  button, a confirmation email will be sent to the address you've provided. To finish the registration and activate your account, simply follow the instructions in the confirmation email.

2.3 How to Log In

Enter the address www.websupervisor.net into your web browser and type in your login ID and password into the respective fields of the login form. In case you don't have an account, you can register for a new one (**see How to create a WebSupervisor account on page 6**).

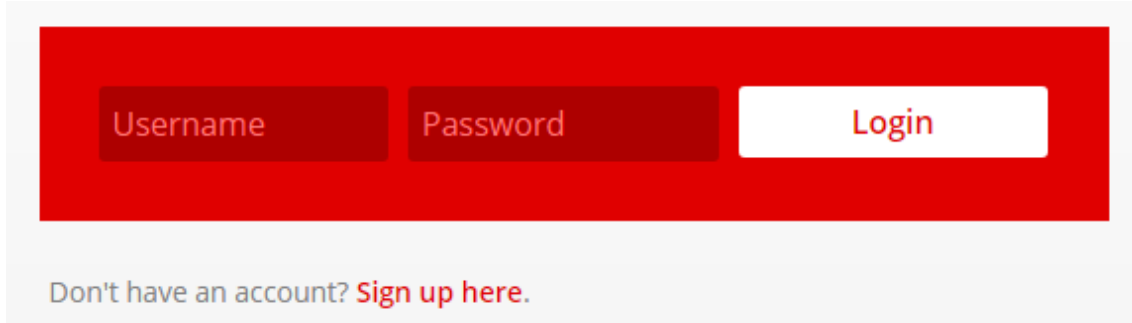
The image shows a login form for WebSupervisor. It consists of a red rectangular box containing three input fields: 'Username', 'Password', and 'Login'. The 'Username' and 'Password' fields are dark red with light red text, while the 'Login' field is white with red text. Below the red box, on a light gray background, is the text 'Don't have an account? Sign up here.' where 'Sign up here.' is in red.

Image 2.1 WebSupervisor login form

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3 Using WebSupervisor

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The chapters below describe the necessary steps for fundamental WebSupervisor operations, such as adding a new unit or a user to your account, etc.

3.1 How to add a Gen-set

To register a new unit under your account, go to *Management/Units* and click on the  button. Registration form will appear with the mandatory fields marked with a star. The configuration of a new unit is saved by a  button. However, in case any of the mandatory fields are omitted or are filled incorrectly, a warning message appears and the unit is not saved. The missing/incorrect fields are highlighted in red.

3.1.1 Unit information


Unit information overview


| Unit Information Field | Description / Options | Mandatory Field |
|------------------------|---|-----------------|
| Unit Name | Type in the name of the new unit. | Yes |
| | This name will be displayed in the WSV application. | |
| Communication Type | Select the means of communication between the unit and WSV: | Yes |
| | ▶ "AirGate" | |
| | ▶ "InternetBridge-NT" | |
| AirGate ID | A unique alphanumeric code. | Yes |
| | To be filled-in when the chosen com. type is "AirGate". | |
| | The AirGate ID is available in the controller under Values. | |
| Host / IP: port | Enter the IP address of the controller (e.g. 111.222.3.45). | Yes |
| | Optional – port number on which the unit communicates, default port is 23 (e.g. 111.222.3.45:23). | |
| | To be filled-in when the chosen communication type is "InternetBridge-NT". | |
| Controller Address | Enter the address of your controller. | Yes |
| | It is defined in the controller under Setpoints. | |
| | Default address is 1. | |
| Access Code | Enter the code to unblock the remote communication with the unit. | Yes |
| | Default access code is 0. | |

| Unit Information Field | Description / Options | Mandatory Field |
|--------------------------------------|---|-----------------|
| Inputs/Outputs | No external I/O | No |
| | Binary I/O | |
| | Analog I/O | |
| | Binary and Analog I/O | |
| Application Type | Select the application for your unit (rental, bi-fuel, marine, etc.). | No |
| Unit State | Set the state of communication with the unit: | Yes |
| | ▶ <i>"Enabled"</i> – unit communicates with the WSV (default state). | |
| | ▶ <i>"Disabled"</i> – communication is suspended until you change the state to <i>"Enabled"</i> . | |
| Language | Select a language for the unit data. | No |
| Time Zone | Select the time zone in which the unit is located. | No |
| Controller Password | Enter the unit password to enable the unit control (start/stop). | No |
| | The password is defined in the controller. | |
| | If you do not want to control the unit, leave the field blank. | |
| Retype Controller Password | Retype the password from the field above. | No |
| GPS Longitude (E) / GPS Latitude (N) | For stationary units, their GPS coordinates can be entered manually. | No |
| | The entered position is automatically visualized on the map below. | |
| GPS Position | Select how should the unit's position be evaluated: | No |
| | ▶ <i>"Static – No GPS"</i> : <ul style="list-style-type: none"> ● GPS function is disabled ● The unit's position can be entered manually in the fields <i>"GPS Longitude (E)"</i> / <i>"GPS Latitude (N)"</i> | |
| | ▶ <i>"Mobile - LOCATE or GPS used"</i> : <ul style="list-style-type: none"> ● LOCATE or GPS function is enabled ● The unit's position on the Map is continually updated based on it's real position ● Necessary for Map View – Geolocation ● The controller must be equipped with a GPS module or support LOCATE function | |
| Map | The unit's position can be entered manually by clicking on a map (<i>"GPS Longitude (E)"</i> and <i>"GPS Latitude (N)"</i> fields are then filled automatically) | No |
| | Otherwise, the map displays the position previously entered in the <i>"GPS Longitude (E)"</i> and <i>"GPS Latitude (N)"</i> fields | |

Note: For detailed description of a further setup of the new unit (user permissions, groups, etc.), see Add new unit chapter in [WebSupervisor Global Guide](#).

3.2 How to add a user account

To register a new user under your customer account, go to *Settings/Users* and click on the  button.

Registration form will appear with the mandatory fields marked with a star. The new user is saved by a  button. However, in case any of the mandatory fields are omitted or are filled incorrectly, a warning message appears and the unit is not saved. The missing/incorrect fields are highlighted in red.

3.2.1 Account Information

Account information overview

| Account Information Field | Description / Options | Mandatory Field |
|---------------------------|---|-----------------|
| Send Reports | If ticked, notification e-mails with a download link to generated reports will be sent to the user. | No |
| Disable User Account | To disable the account, tick the check-box. | No |
| Set User As Administrator | To delegate admin rights to the user, tick this option. | No |
| Login ID | Enter the user's login alias (e.g. <i>jsmith</i>) | Yes |
| Password | Enter the user's password for logging into the application, | Yes |
| | Required password characteristics: | Yes |
| | ▶ At least 8 characters, | |
| | ▶ Contains special characters (i.e. <i>@#\$%^&</i>), | |
| | ▶ Contains both lowercase and uppercase letters, | |
| | ▶ Do not use any common combinations, such as "password123", your login name, etc. | |
| Confirm Password | Retype the password from the field above. | Yes |
| Language | Select WSV GUI language for the user. | No |
| Time Zone | Select the time zone the user is located in. | No |

Personal information overview

| Personal Information Field | Description / Options | Mandatory Field |
|----------------------------|--|-----------------|
| Name | Enter the user's full name (e.g. <i>John Smith</i>) | Yes |
| E-mail | Enter the user's email address. | Yes |
| | It will be used for notification messages and password recovery. | |
| Company name | Enter the name of the user's company. | Yes |

Note: For detailed description of a further setup of the new user (e.g. user permissions), see Add new user chapter in [WebSupervisor Global Guide](#).

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4 Languages and Appearance

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4.1 Recommended wiring for applications

The language of the WebSupervisor application depends on the user that is currently logged in. It can be set up during the registration of a new account (see **How to create a WebSupervisor account on page 6**) or while adding a new user (see **How to add a user account on page 11**).

In order to change the application language, go to *Management/Users*, click on the user for which you wish to change the language settings, select the language under Personal Information section and save your change with a  button.

4.2 How to change application colors (WebSupervisor Pro)

To change the default color settings of the WebSupervisor application, go to *Settings/General* to Brand settings section and choose the desired colors under Color Scheme.

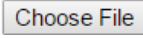
Color Settings

| Color Item | Applied On | Default Setting | How To Change |
|-----------------------------|------------------------------------|-----------------|--|
| Primary Color | Buttons, selected menu items, etc. | Red | Select "Custom" from the roll-down menu and pick one of the basic colors or define a new one using the color palette |
| Primary Text Color | Primary color items | White | |
| Secondary Color | Menu background | Dark grey | |
| Secondary Text Color | Menu background | White | Choose one of the two options ("Dark", "Light") from the roll-down menu. |
| Sidebar color | Tools and settings sidebar | Dark | |

Any new color settings must be changed with a  button.

4.3 How to add your company's logo (WebSupervisor Pro)

To replace the default WebSupervisor logo (left side of the main menu panel) with a custom image (e.g. a company logo) or a custom text (e.g. a company name), go to *Settings/General* to Brand settings section.


In order to upload a custom logo, choose the file to be uploaded via the  button. If the file is accepted, a preview of the uploaded image is displayed.

The position of the new logo is predefined, however it can be adjusted by specifying the desired spacing in the "Top", "Right", "Bottom" and "Left" fields (the spacing is set in pixels).

Custom image requirements:

- ▶ Supported file types: .jpg or .png
- ▶ Recommended image dimensions: 200 × 55 px

To display a custom text instead of a custom image, type your text into the "Company Name" field and save your changes.

Save your settings with the  button.

Note: The maximum length of the text is limited by the space reserved for the custom image – 200 px.

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