

# WBS-01

## Quick guide to configuration

This guide is for highlighting the various necessary configuration phases sequentially, in order to enable the main functions of WBS-01 quickly in a typical application with LAE electronic controllers. For more detailed information on the various product functions, please read the user's manual which is included in the CD supplied with the WBS-01.

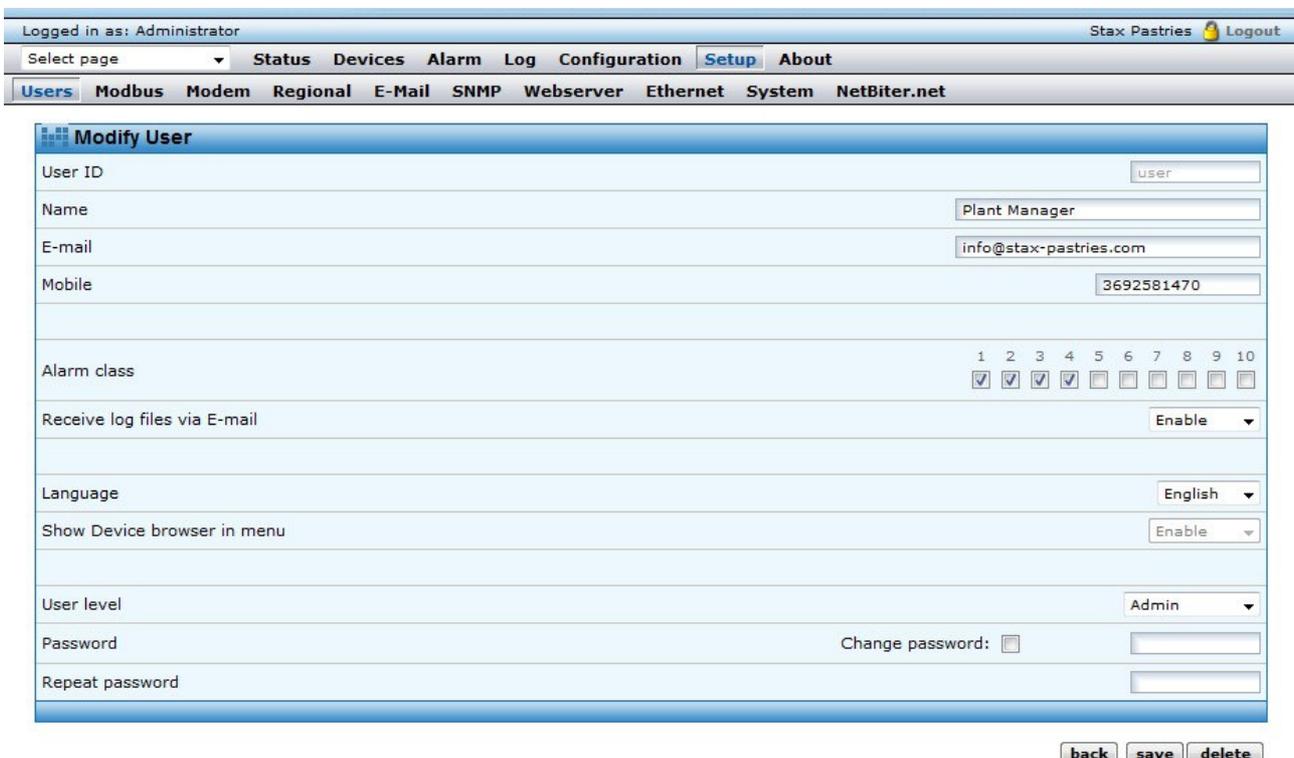
### 1. Installation and configuration of the IP addresses

After the WBS-01 has been powered up and connected to the Ethernet and to controllers, the first operation to be performed is the configuration of the IP addresses. This is necessary before doing anything else, in order to allow access to the WBS-01 from the local network and then perform the other configuration operations. Moreover, this will allow access Internet.

Please read the "Installation Guide" included in the product package and chapters 1 and 2 of the user's manual . The installation file of the "NetBiter Config" configuration utility is included in the CD.

### 2. Users [ Setup > Users ] – 6.1

The pre-defined user "admin" has access rights to all menus and may be associated to the system installer. For safety reasons, it's important to modify the pre-defined user's password (*admin*). Other users may be created with various access rights for normal use. For every user you may specify the e-mail address, his mobile (if a GSM modem is present for sending SMS), which alarm classes the user must receive, the language for the texts of the various pages.



Logged in as: Administrator Stax Pastries  Logout

Select page ▼ [Status](#) [Devices](#) [Alarm](#) [Log](#) [Configuration](#) [Setup](#) [About](#)

[Users](#) [Modbus](#) [Modem](#) [Regional](#) [E-Mail](#) [SNMP](#) [Webserver](#) [Ethernet](#) [System](#) [NetBiter.net](#)

#### Modify User

User ID	<input type="text" value="user"/>
Name	<input type="text" value="Plant Manager"/>
E-mail	<input type="text" value="info@stax-pastries.com"/>
Mobile	<input type="text" value="3692581470"/>
Alarm class	1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/>
Receive log files via E-mail	<input type="text" value="Enable"/> <span style="float: right;">▼</span>
Language	<input type="text" value="English"/> <span style="float: right;">▼</span>
Show Device browser in menu	<input type="text" value="Enable"/> <span style="float: right;">▼</span>
User level	<input type="text" value="Admin"/> <span style="float: right;">▼</span>
Password	Change password: <input type="checkbox"/> <input type="text"/>
Repeat password	<input type="text"/>

### 3. Clock, data format and plant information [ Setup > Regional ] – 6.4

In this phase, the internal clock is to be set and you may enable automatic synchronization with an NTP server via Internet. Moreover, you may set the decimal point separator, log file value separator, site name and description.

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**Users** **Modbus** **Modem** **Regional** **E-Mail** **SNMP** **Webserver** **Ethernet** **System** **NetBiter.net**

#### Time and Date

Date (yyyy-mm-dd) 2010-11-08

Time (hh:mm:ss) 10:02:54

Time zone (\* Time zone uses daylight saving time) (GMT+01:00) Europe/Berlin \*

Network time protocol  Enable  Disable

NTP server pool.ntp.org

Update interval 2 hour

#### Decimal separator

Decimal separator and log file value separator Dot (.) and Comma (,)

#### Module Information

Site name Stax Pastries

More information

**save settings**

### 4. E-mail [ Setup > E-Mail ] – 6.5

To allow e-mail sending, it's necessary to insert SMTP server name or address, which is usually given by the Internet access provider, authentication data if required, name and e-mail address of sender.

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**Users** **Modbus** **Modem** **Regional** **E-Mail** **SNMP** **Webserver** **Ethernet** **System** **NetBiter.net**

#### SMTP Settings

SMTP Server (IP-number or domain name) custom server

Port number

SMTP Authentication plain

User name

Password

Sender (Name of sender)

Reply Path (E-mail address)

Send test E-mail (E-mail address)  **send**

**save settings**

## 5. Templates [ Configuration > Templates ] – 7.2

Templates define the controller registers which may be used, with relevant information on address, representation scale, enumeration, limits etc. They simplify configuration of display pages, data logging and alarms. Templates of the most popular LAE controllers have already been loaded in our factory. Templates of other controllers may be required or downloaded from LAE electronic website.

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Select page Status Devices Alarm Log Configuration Setup About

**Templates** Devices Pages Alarm Log Bindings

### Device Templates

	Description				
1	LAE AD2-5	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>
2	LAE LTR-5	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>
3	LAE AR2-27	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>
4	LAE AR2-28	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>
5	LAE MS27	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>
6	LAE AD3-5	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>
7	LAE AT1-5	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>
8	LAE LCD32	<input type="button" value="edit"/>	<input type="button" value="restore"/>	<input type="button" value="backup"/>	<input type="button" value="delete"/>

Check for new templates at netbiter.com

## 6. Devices [ Configuration > Devices ] – 7.3

Before performing configuration of this phase, all controllers connected must have an already programmed unique Modbus address and in the previous phase (5) the templates of all controllers used must already have been loaded.

You should then insert all controllers connected and assign its own template and Modbus address to every one of them. The address that you insert must match the address set in the controller. It's also possible have the "autodetect" function started, which will perform automatic detection of the controllers connected and the automatic association of the relevant templates, by pressing button "autodetect".

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**Templates** **Devices** Pages Alarm Log Bindings

### Device Configuration

	Description	Template	Address		
1	RD01	LAE AD2-5	1	<input type="button" value="edit"/>	<input type="button" value="delete"/>
2	RD02	LAE AD2-5	2	<input type="button" value="edit"/>	<input type="button" value="delete"/>
3	RD03	LAE AD2-5	3	<input type="button" value="edit"/>	<input type="button" value="delete"/>
4	BF01	LAE AR2-28	4	<input type="button" value="edit"/>	<input type="button" value="delete"/>
5	BF02	LAE AR2-28	5	<input type="button" value="edit"/>	<input type="button" value="delete"/>
6	BF03	LAE AR2-28	6	<input type="button" value="edit"/>	<input type="button" value="delete"/>
7	BF04	LAE AR2-28	7	<input type="button" value="edit"/>	<input type="button" value="delete"/>
8	FF01	LAE AD2-5	8	<input type="button" value="edit"/>	<input type="button" value="delete"/>
9	FF02	LAE AD2-5	9	<input type="button" value="edit"/>	<input type="button" value="delete"/>
10	CR01	LAE AR2-27	10	<input type="button" value="edit"/>	<input type="button" value="delete"/>
11	TD01	LAE LTR-5	21	<input type="button" value="edit"/>	<input type="button" value="delete"/>
12	TD02	LAE AD3-5	24	<input type="button" value="edit"/>	<input type="button" value="delete"/>

## 7. Pages [ Configuration > Pages ] – 7.4

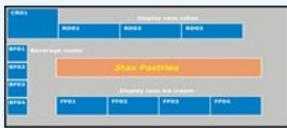
In this phase you may create the pages where the current values of controller data are displayed. In these pages you may also modify writable data, such as the Setpoint (please take into account that the access to all registers present in the template is however possible through “Devices” of the menu appearing on the top bar. In the pages created you may also add an image, which could for example represent the arrangement of the various controllers in the plant or in a certain area.

Logged in as: Administrator Stax Pastries Logout

Select page  **Status** **Devices** **Alarm** **Log** **Configuration** **Setup** **About**

**Templates** **Devices** **Pages** **Alarm** **Log** **Bindings**

### General Page configuration



Picture (11/768 kbyte used):

The picture can not be wider then 870px, larger then 50k and it needs to be in .gif, .png or .jpg format!

Page Name:

Overview name:

Advanced overview name:

### Configuration Left Overview

	Description	Device	Parameter		
1	RD01 - T1 temperature	RD01	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
2	RD02 - T1 temperature	RD02	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
3	RD03 - T1 temperature	RD03	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
4	BF01 - T1 temperature	BF01	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
5	BF02 - T1 temperature	BF02	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
6	BF03 - T1 temperature	BF03	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
7	BF04 - T1 temperature	BF04	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
8				<input type="button" value="edit"/>	<input type="button" value="delete"/>
9				<input type="button" value="edit"/>	<input type="button" value="delete"/>
10				<input type="button" value="edit"/>	<input type="button" value="delete"/>

### Configuration Right Overview

	Description	Device	Parameter		
11	FF01 - T1 temperature	FF01	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>
12	FF02 - T1 temperature	FF02	T1 - Air temperature	<input type="button" value="edit"/>	<input type="button" value="delete"/>

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Select page  **Status** **Devices** **Alarm** **Log** **Configuration** **Setup** **About**

**Templates** **Devices** **Pages** **Alarm** **Log** **Bindings**

### Edit parameter 1 (Shop)

Device:

Group:

Parameter:

Description:

Presentation format:

Presentation scaling:



## 9. Log [ Configuration > Log ] – 7.6

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### General Log Settings

Estimated Log Time (Estimated send interval if sending of log files is enabled) 41 Days

Log Interval 10 min

Log Type Logging stop when log file is full

Maximum send log interval Send log when full

Send log files as E-mail attachment Enable

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### Log Parameters

	Description	Device		
1	RD01-T1	RD01	<input type="button" value="edit"/>	<input type="button" value="delete"/>
2	RD02-T1	RD02	<input type="button" value="edit"/>	<input type="button" value="delete"/>
3	RD03-T1	RD03	<input type="button" value="edit"/>	<input type="button" value="delete"/>
4	BF01-T1	BF01	<input type="button" value="edit"/>	<input type="button" value="delete"/>
5	BF02-T1	BF02	<input type="button" value="edit"/>	<input type="button" value="delete"/>
6	BF03-T1	BF03	<input type="button" value="edit"/>	<input type="button" value="delete"/>
7	BF04-T1	BF04	<input type="button" value="edit"/>	<input type="button" value="delete"/>
8	FF01-T1	FF01	<input type="button" value="edit"/>	<input type="button" value="delete"/>
9	FF02-T1	FF02	<input type="button" value="edit"/>	<input type="button" value="delete"/>
10	CR01-T1	CR01	<input type="button" value="edit"/>	<input type="button" value="delete"/>
11	TD01-Inp	TD01	<input type="button" value="edit"/>	<input type="button" value="delete"/>
12	TD02-T1	TD02	<input type="button" value="edit"/>	<input type="button" value="delete"/>

Here you can define some general settings such as data logging frequency and data sending frequency via e-mail and you define which data have to be logged.

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### Edit log parameter

Device RD01

Group Inputs

Parameter T1 - Air temperature

Delta logging (value change since last logging) Disable

Description RD01-T1