

Config-Tool 3 Guide

for

1-Wire Controller / 1-Wire Gateway 1
1-Wire Controller / 1-Wire Gateway 2

1-Wire Gateway 10
1-Wire Gateway 11
1-Wire Gateway 20

ESERA-Station 200

Config-Tool 3 Version V2.0 R1.1

Table of contents

1.	INTRODUCTION	3
2.	ONLINE CONNECTION TO ESERA UPDATE AND LICENSE-SERVER.....	3
3.	DOCUMENTS	3
4.	SETTINGS FOR INTERNET EXPLORER	3
5.	SETTINGS TO VIEW PDF DOCUMENTS.....	4
6.	DATA CONNECTIONS	4
7.	USE OF CONFIG-TOOL 3	4
8.	HOME TAB.....	5
8.1.	CONTACT TO ESERA	5
8.2.	ESERA CORPORATE VIDEO.....	5
8.3.	SOFTWARE VERSION	5
8.4.	LICENSE AGREEMENT (TERMS AND CONDITIONS), BUTTON „SHOW TERMS“	5
8.5.	LAST RESPONSE	5
8.6.	RUN 0 / 1.....	6
8.7.	CONNECT/DISCONNECT TO CONTROLLER.....	6
8.8.	UPDATE ONLINE	6
9.	CONTROLLER.....	7
9.1.	COMMUNICATION TO CONTROLLER	7
9.2.	NETWORK SETTING CONTROLLER INTERFACE	8
9.3.	CONTROLLER INFORMATION	8
9.4.	FIRMWARE INFORMATION.....	8
9.5.	CONTROLLER NO.....	8
9.6.	LOAD INFORMATION FROM CONTROLLER.....	8
9.7.	NEWS/INFORMATION SECTION	8
10.	SETTINGS.....	10
11.	1-WIRE / OWD, OVERVIEW.....	11
12.	1-WIRE / OWD, DETAILS.....	12
12.1.	LIST OVERVIEW	12
12.2.	OWD COUNT	13
12.3.	OWD INFO.....	13
12.4.	OWD MOVE TO.....	14
12.5.	OWD DATA AND CONTROL.....	14
12.6.	UPDATE OWD LIST – BUTTON.....	14
12.7.	DELETE ALL OWD – BUTTON	14
12.8.	SAVE ALL OWD – BUTTON	15
13.	1-WIRE / INCORRECT OWD ARTICLE NUMBER, DELETE OWD.....	15
14.	EXTENSIONS, FUNCTION EXTENSIONS	16
14.1.	PURCHASE A LICENSE KEY	16
14.2.	TRANSFER LICENSE KEY	17
15.	DATA / DEBUG, FIRMWARE UPDATE.....	18
15.1.	COMMANDMESSAGES / DEBUGDATA	18
15.2.	CONTROLLER FUNCTIONS	19
15.3.	FIRMWARE UPDATE.....	19
15.4.	DEBUG FUNCTIONS.....	20
16.	DOKU, PROGRAMMING MANUAL	20
17.	PROJECT, REGISTRATION, BACKUP.....	21
17.1.	REGISTRATION.....	21
18.	WARRANTY	22
19.	TRADEMARKS	22
20.	CONTACT	22

1. Introduction

In the following this guide describes the „ESERA Config-Tool 3“ and its function. Individual tabs (pages) are described from left to right.

Within Config-Tool 3, we only use commands that can also be used e.g. when using a terminal program or own application. An overview of the available commands and functions of the 1-Wire Controller / 1-Wire Gateway can be found in the document "Programming Manual" under the Documentation (DOKU) tab within Config-Tool 3.

2. Online connection to ESERA Update and License-Server

Config-Tool 3 generally establishes a connection to the ESERA Update- and License-Server. The ESERA Update- and License-Server is located in Germany and is subject to the German Data Protection Act.

3. Documents

If internet connection is established, documents for "SETTINGS", "DOKU" and "HELP" are uploaded and displayed directly from the server in the latest version.

If no internet connection is established, documents will be displayed in the version in effect at the time of creation of this software.

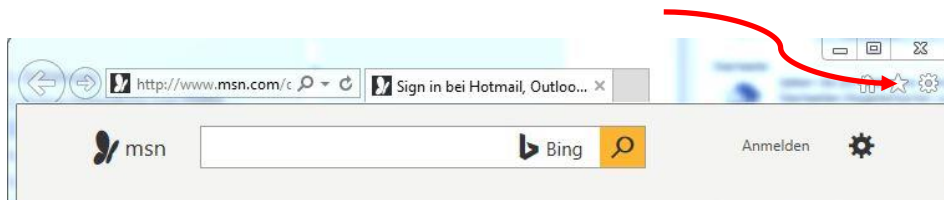
The available document version is displayed at the bottom left of each document.

To download PDF documents and visualization the following programs are necessary: "Internet Explorer" and "Acrobat Reader".

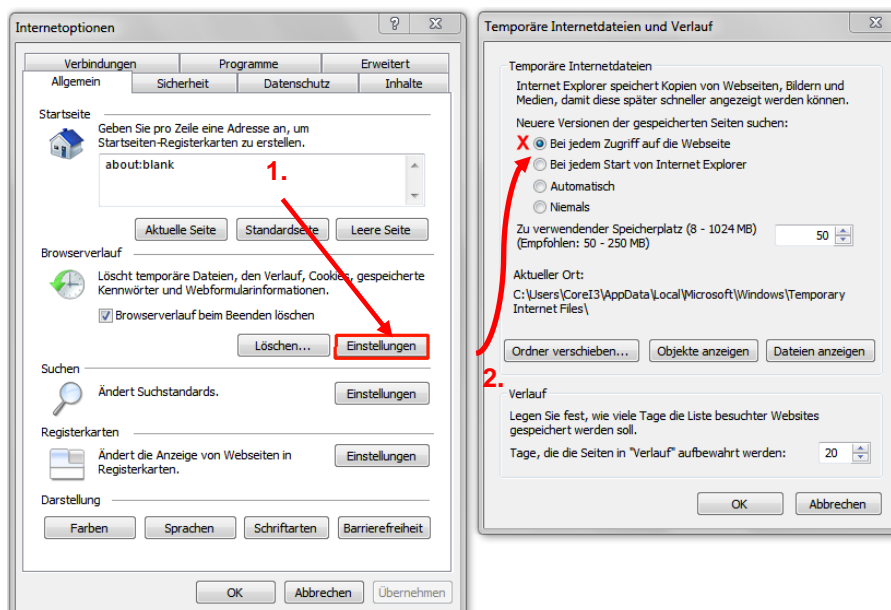
4. Settings for Internet Explorer

The following settings are recommended to view the latest documents within the Config-Tool 3.

1. Click on "Settings"
2. Check the box "With every access to the website"



A new window will open where the following adjustments should be made:



5. Settings to view PDF documents

We recommend „Acrobat Reader“ to view PDF documents within Config-Tool 3.

The latest version of the “Acrobat Reader” can be downloaded at <https://get.adobe.com/de/reader>.

6. Data connections

For data security reasons the 1-Wire Controller / 1-Wire Gateway supports only one connection at a time.

That means that **no other** connection to the application is possible if Config-Tool 3 is connected with the 1-Wire Controller / 1-Wire Gateway.

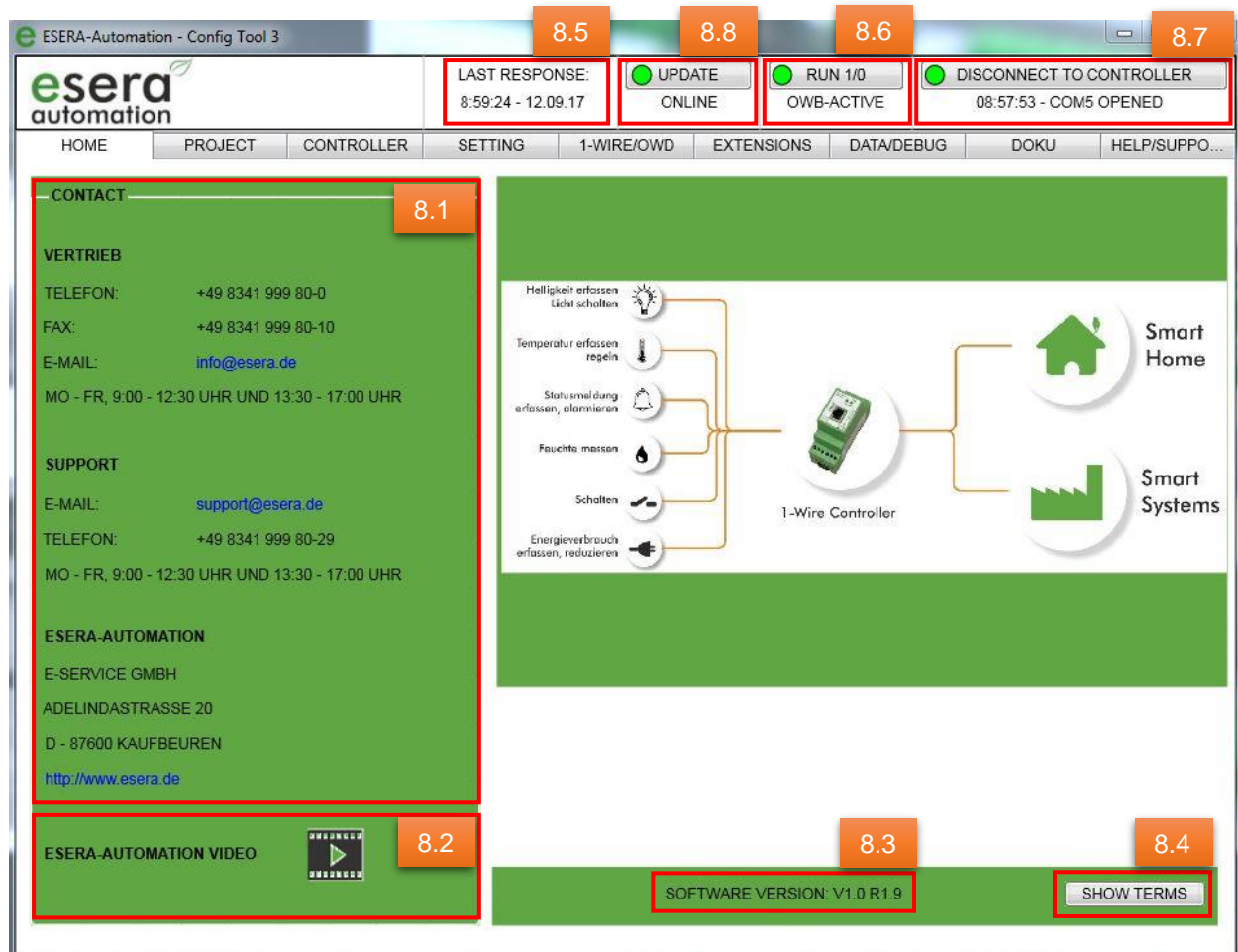
7. Use of Config-Tool 3

This guide and the Config-Tool 3 is applicable for the following 1-Wire Controller / 1-Wire Gateway devices:

Interface	Article No.	Design
Ethernet	11319	Controller 1 Ethernet
	11340	Controller 2 Ethernet
	11336	Gateway 11 Modbus TCP
	11667	Gateway 20 Modbus TCP
Serial (COM-Port)	11317	Controller 1 USB
	11320	Controller 1 Serial RS232
	11324M	Gateway 10 Modbus RTU RS485/USB

8. Home Tab

The "Home" tab provides an overview of the following sections:



8.1. CONTACT to ESERA

All ESERA contact information can be found here. Under the HELP / SUPPORT tab you can directly send a support email to us. Further details can be found under "HELP / SUPPORT".

8.2. ESERA Corporate Video

The ESERA corporate video provides insights about the foundation and philosophy of ESERA-Automation.

8.3. SOFTWARE VERSION

The version of the Config-Tool 3 in use is displayed here.

Note: The version information also has a link to the ESERA download server: By clicking on the version number, a new website will open where a choice of Config-Tool 3 software versions is available for download.

8.4. License agreement (terms and conditions), Button „SHOW TERMS“

The terms and conditions of the license agreement for this software can be found here. The license agreement has been accepted whilst the process of installation of this software.

8.5. LAST RESPONSE

Shows the latest communication among the 1-Wire Controller / 1-Wire Gateway and the Config-Tool 3 software.

8.6. RUN 0 / 1

With the "Run/Stop" button, the 1-Wire Controller / 1-Wire Gateway can be switched to "pause mode". This will stop the cyclical search of new 1-Wire blocks, the readout of the connected 1-Wire blocks and the data output. Only the message "KAL" (heartbeat) of the 1-Wire Controller / 1-Wire Gateway will continue to be sent.

8.7. CONNECT/DISCONNECT TO CONTROLLER

Pressing the "CONNECTED / DISCONNECTED" button establishes or interrupts a data-connection to the 1-Wire Controller / 1-Wire Gateway.

The button shows the current status of the connection. GREEN = connected, RED = not connected.

Note: Only one data connection can be established at a time. If you are still connected to other software, no further data connection is possible due to security reasons. In this case please close all existing connections beforehand.

8.8. UPDATE ONLINE

The indicator of this button is lit green when the Config-Tool 3 is able to establish an internet connection to the ESERA update- and documentation-server.

green = online connection to the ESERA server

If an internet connection is existent, all documents will be directly downloaded from the ESERA-server. Hence the latest version will always be displayed.

red = offline

The documentation stored within the software is being displayed in offline mode.

9. CONTROLLER

On this page the Config-Tool 3 settings to the 1-Wire Controller / 1-Wire Gateway can be configured. System data of the connected 1-Wire Controller / 1-Wire Gateway are shown as well.

9.1. COMMUNICATION TO CONTROLLER

ETHERNET Interface


The following options are available, if Config-Tool 3 should be connected to the 1-Wire Controller / 1-Wire Gateway via Ethernet:

- TCP/IP server
- UDP slave
- IP-address (IPv4)
- Port-number (Default 5000)
- Sub-net mask is set to 255.255.255.0

When data input is completed, connection can be established by clicking on the „CONNECT TO CONTROLLER“ button (top right).


Note: Configuration of the Config-Tool 3 to the 1-Wire Controller / 1-Wire Gateway is to be set here.

9.2. NETWORK SETTING CONTROLLER INTERFACE

To configure the interface of the 1-Wire Controller / 1-Wire Gateway, please use the program "Controller Network Config Tool 1.4.4.1", which will open in a new window after clicking on the button "NETWORK SETTING CONTROLLER-INTERFACE" 

9.3. CONTROLLER INFORMATION

This area shows the following information for the 1-Wire Controller / 1-Wire Gateway:

- Article number, e.g. 11319
 - Serial number
 - Firmware version installed
 - Hardware version
- Further information on new firmware can be found under "Firmware Information" 

9.4. FIRMWARE Information

If there is a new firmware version for the 1-Wire Controller / 1-Wire Gateway available, an additional information (in red letters) will appear next to the "Firmware" field.

If the firmware is up-to-date, the latest firmware status is displayed in blue letters next to the "Firmware" field. By clicking on the text in red letters a new window will open which guides directly to the update area of Config-Tool 3.

9.5. CONTROLLER NO

The current number of the 1-Wire Controller / 1-Wire Gateway is displayed at the "CONTROLLER NO" field. This field allows to assign a number in the range of 1-240 to the 1-Wire Controller / 1-Wire Gateway. The setting will be saved by clicking the SET button.

The purpose of this number assignment is that each data record can be tracked back from which 1-Wire Controller / 1-Wire Gateway they originate from. Thus, a clear assignment is given at any time.

9.6. LOAD INFORMATION FROM CONTROLLER

The button "LOAD INFORMATION FROM CONTROLLER" updates the device data of the 1-Wire Controller / 1-Wire Gateway.

9.7. News/Information section

When internet connection is active this section will provide changing information (e.g. product innovations, event notifications, ...).

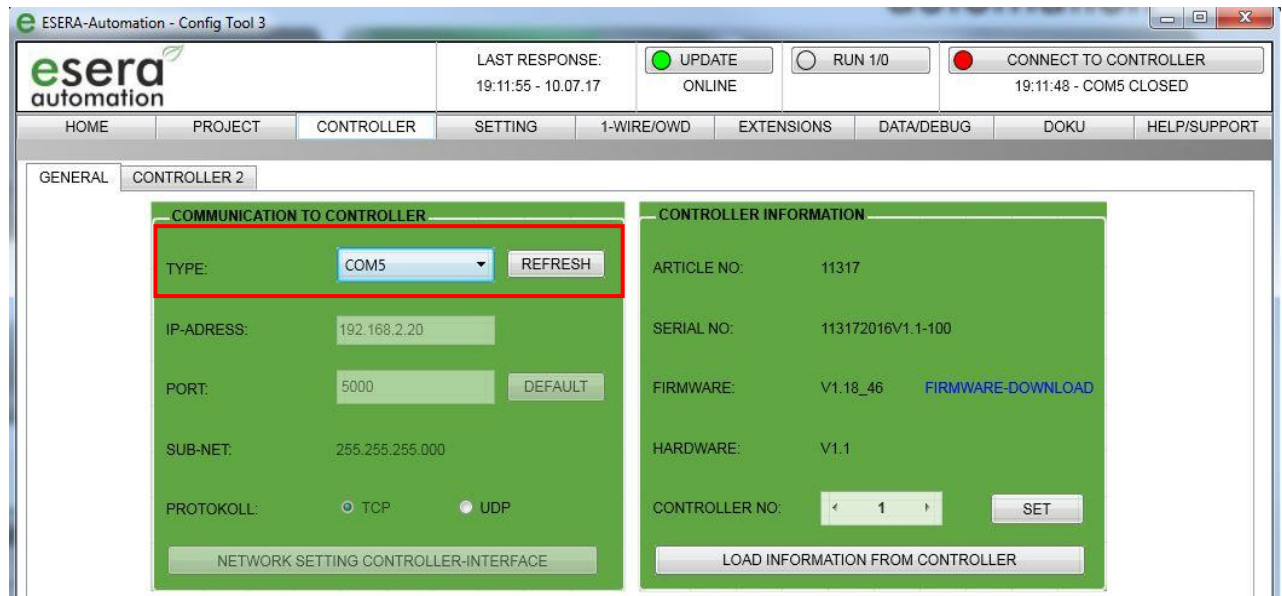
When no internet connection is available, a fix information will be displayed in this section.

SERIAL Interface

For 1-Wire Controller / 1-Wire Gateway with a serial interface (COM port) select the "COM" connection at "COMMUNICATION TO CONTROLLER". In the example shown below "COM 5" is selected.

Note: For the 1-Wire Controller / 1-Wire Gateway with article number 11317 and 11324M additional drivers may be required.

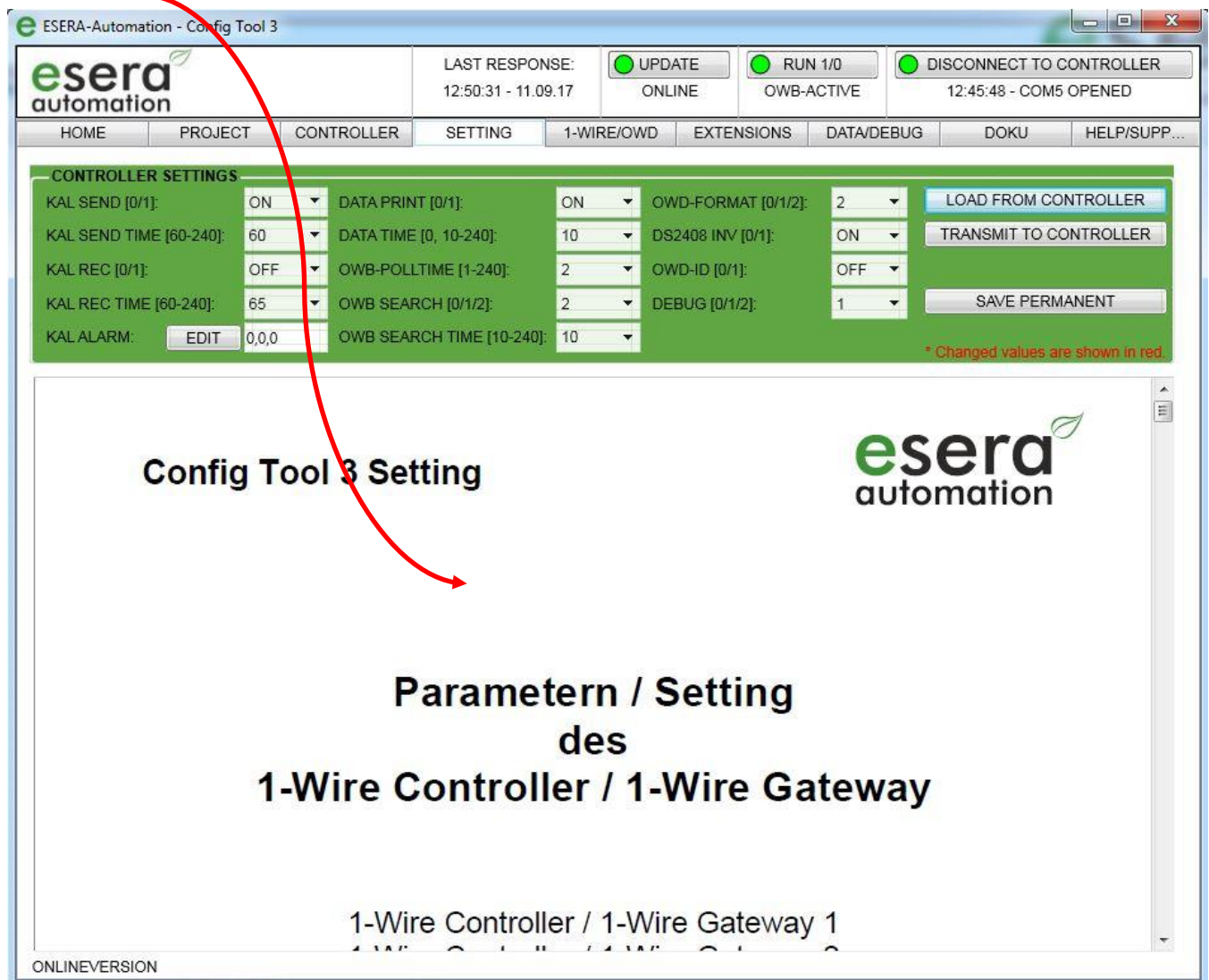
By clicking on the "REFRESH" button, the list of COM interfaces currently available at the PC in use, will be updated.



10.SETTINGS

Settings for data formatting and command-behavior of the 1-Wire Controller / 1-Wire Gateway can be changed and set at the "SETTINGS" tab.

For further details on individual options and input fields please refer to the PDF document "Parameters / Settings" under the "SETTINGS" tab.



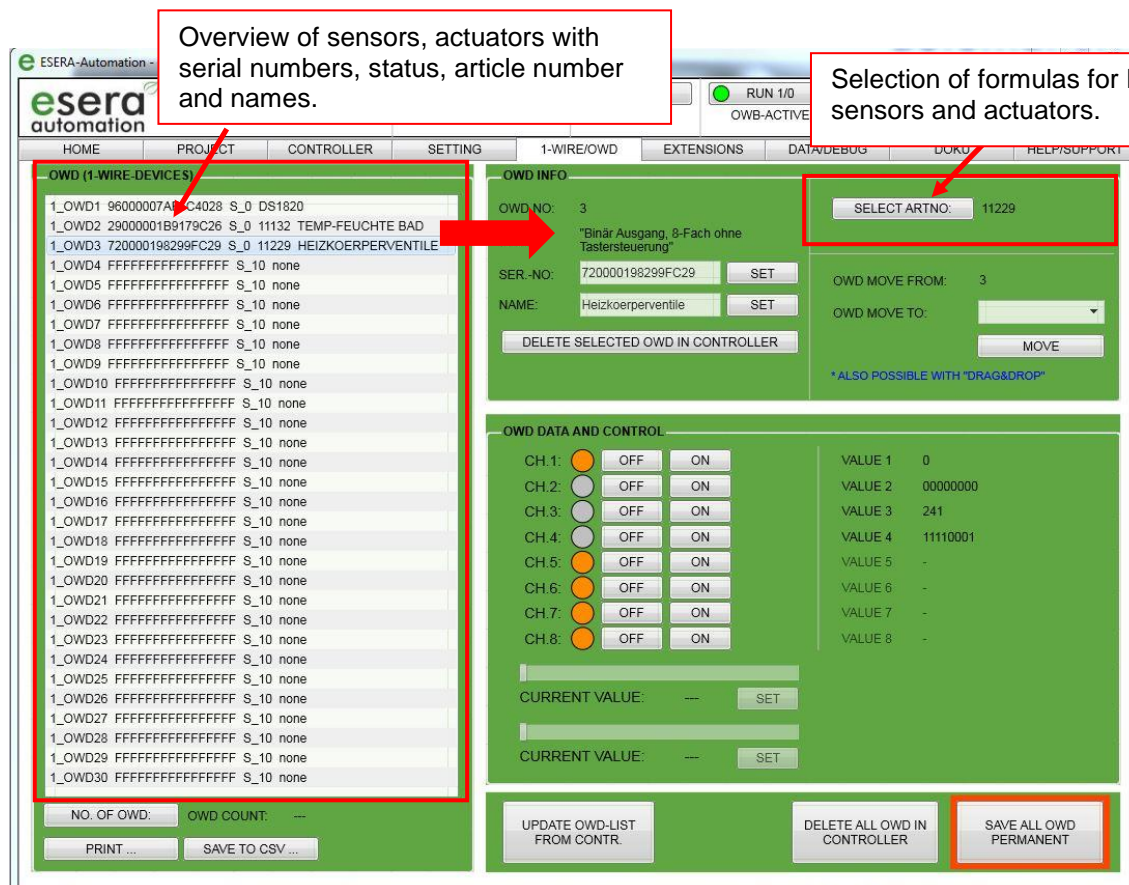
11.1-Wire / OWD, overview

At this tab you will find all information on the connected 1-Wire sensors, actuators or 1-Wire devices. Values can be assigned and read out here.

By clicking on the "Update OWD list" button, the overview will be refreshed 12.1.

Assign article number for OWD

Article number of various ESERA 1-Wire modules can be assigned here. After assignment, data formatting adapted to the 1-Wire module, extended data output or data conversion will be received.



Overview of sensors, actuators with serial numbers, status, article number and names.

Selection of formulas for ESERA sensors and actuators.

UPDATE OWD-LIST FROM CONTR.

List of ESERA sensor- and actuator-formulas

The following formulas for ESERA 1-Wire modules are currently stored:

Group	Function	ESERA article number
Power supply	1-Wire Hub I 1-Wire Hub II 1-Wire Hub III	11300, 11306 11314, 11316 11322
Sensor	temperature, humidity	11102, 11113, 11120, 11148
Sensor	temperature, humidity and brightness	11121, 11132, 11134, 11135
Sensor	temperature, humidity and air quality sensor	11127 starting from sensor firmware V1.4
Sensor	outdoor brightness	11111, 11129
Sensor	brightness, solar radiation (PV)	11112 starting from version 2 (with DS2438 module)
Actuator	analog input 0-10VDC	11202, 11203
Actuator	analog output 0-10VDC, 4-20mA and PWM-output	11208, 11219, 11225
Digital input	digital input 10-30VDC digital input 230VAC	11207, 11216, 11217, 11215

Switch input	switch input switch input mini	11215
Actuator	switching module	11208, 11218, 11220, 11228, 11229, 11233
Actuator	shutter / roller shutter control	11209, 11231
Actuator	dimmer	11221

12.1-Wire / OWD, details

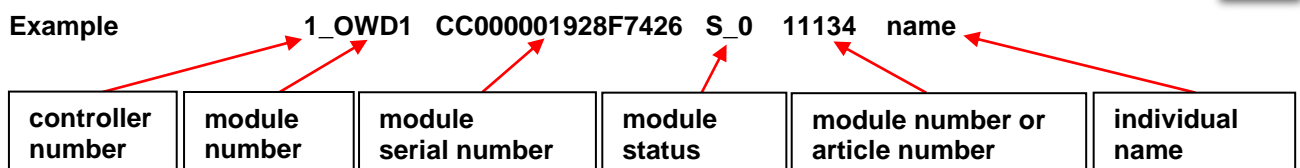
12.1. List overview

This field lists all 1-Wire sensors, actuators and modules (1-Wire devices) that are currently connected to the 1-Wire Controller / 1-Wire Gateway or were connected in the past.

In this example, two sensors are currently present in the system.

A short description, e.g. OWD, is assigned to each 1-Wire module. This is intended to simplify the assignment and addressing of a 1-Wire device compared to a long serial number.

Example




Controller No.

The assigned number of the 1-Wire Controller / 1-Wire Gateway is displayed here.

Module No.

The OWD number is the short name assigned by the 1-Wire Controller / 1-Wire Gateway for this 1-Wire module. This brief designation replaces the long serial number of the module and is intended as a simplification. The identifier is used as standard for all data outputs and the control of the module, e.g. for switching an output.

The module can be moved within the OWD list. The function "OWD MOVE TO"  is available for this purpose.

Serial No.

The serial number of the 1-Wire module, e.g. CC000001928F7426, is displayed here. This is the real address with which the module is also addressed by the 1-Wire Controller / 1-Wire Gateway. This number cannot be changed.

Module status

The sensor status is stored as follows:

- **S_0** = no error when reading out the 1-Wire module. The module data are displayed under the "DATA/DEBUG" tab and will be sent via the data interface.
- **S_1 - 3** = indicates the number of faulty read attempts for this 1-Wire module. The last valid data for this 1-Wire module is still displayed and output via the data interface. As soon as a data set can be read by the 1-Wire module, the display is set to S_0.
- **S_4** = this number is not assigned.
- **S_5** = the sensor does not exist or cannot be read.*
No display and no data output made. As soon as a data set can be read by the 1-Wire module, the display is set to S_0.
- **S_10** = this OWD space has no content. The serial number is displayed with FF. A further 1-Wire module can be added here.

* This function is useful in case an iButton key is connected. Only on contact a signal (S_0) is sent to the serial number, otherwise there is no data output (S_5).

Individual name

The entered name of the 1-Wire module / OWD is displayed here.

12.2. OWD COUNT

The number of the currently available and readable modules is displayed here.
The button "NO. OF OWD" updates the "OWD COUNT" display.

PRINT

This button prints the 1-Wire / OWD list.

SAVE to CSV

This button exports the OWD number including serial numbers into a CSV file.

12.3. OWD INFO

This sector displays all information of a selected module. To select, click on a module in the OWD list.

OWD NO (1-Wire device number)

This field displays the OWD number for the selected 1-Wire device on the OWD list.

SELECT ARTNO

The button "SELECT ARTNO" has a selection-list of product formulas for ESERA sensors and actuators. For many ESERA-Automation products **adapted product formulas** are already stored. To assign an ESERA product formula to a new 1-Wire module, select the appropriate article number from the **drop-down list** by double-clicking on it.

When an article number has been transferred, update the OWD list with the **"UPDATE OWD LIST"** button. As of now, the data will be calculated and output according to the article number of the 1-Wire module.

Details on the data formatting can be found in the document "Protocol description and command list" under the "DOKU" tab for each individual module.

When no product formula is assigned, default values for this 1-Wire interface will be output.

SER NO (serial number)

The current serial number of the 1-Wire device is displayed here.

A serial number for the 1-Wire module can also be entered here. It is not necessary that the corresponding 1-Wire device must be connected.

NAME

This field is not yet active. In a future software version of the 1-Wire Controller / 1-Wire Gateway, a name for the 1-Wire module can be assigned here.

DELETE SELECTED OWD IN CONTROLLER

A 1-Wire module (sensor or actuator) can be deleted.

With the next adaptive search run, the 1-wire module should be available at the position before deletion in the OWD list.

SELECT ARTNO, reset or change article number

The name on the original 1-Wire module type or the ESERA article number can be selected from the "SELECT ARTNO" list.

Note: No plausibility check will be made in relation to the selected 1-Wire module, sensor or actuator.

12.4. OWD MOVE TO

The position of the 1-Wire module on the OWD list can be changed with this selection button. This means that another OWD number can be assigned to a 1-Wire module.

To change the OWD number, select the NEW OWD number of the 1-Wire module from the list.

To save the selection permanently, click on "UPDATE OWD LIST" and then on "Save all OWD".

12.5. OWD DATA AND CONTROL

The values of the currently selected 1-Wire modules can be read out here. Also some commands can be triggered at this position. The two buttons "UPDATE OWD" and "DELETE OWD" at the bottom end of the mask can be used to update or delete the selected 1-Wire modules. These commands always refer to the selected device only.

Function buttons / display by article number / function

Depending on the ESERA article number and function, function buttons or analog-sliders are enabled. This enables a test of the function of the connected ESERA module.

If, for example, the binary output module 11220 is selected, the individual outputs can be activated/deactivated via the key buttons.

The color of the buttons displays the status of the output. Orange color corresponds to „active“.

Value 1-8

The values "VALUE 1-8" indicate the output values of the currently selected sensor. Data can be updated by the button "Update OWD-LIST".

In the following example the article number 11134 is selected for a temperature-humidity sensor:

1_OWD1_1|2294 = > temperature of 22.94°C

1_OWD1_2|501 = > operating voltage of 5.01V etc.

Details on the data output can be found in the document "Protocol description and command list" under the "DOKU" tab for each individual block.

The continuous live-values are displayed under the "DATA/DEBUG" tab.

12.6. Update OWD List – Button

This button updates the entire list of connected modules.

12.7. Delete all OWD – Button

This button deletes and refreshes all current 1-Wire modules of the OWD list.

The 1-Wire Controller / 1-Wire Gateway now searches for new 1-Wire modules.

Note: OWD numbering can be changed after a successful search.

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12.8. Save all OWD – Button

This button permanently stores all settings in the 1-Wire Controller / 1-Wire Gateway.

Note: If the OWD list has not been saved, the order of the OWD may be changed after a reset (reset or power off).

13.1-Wire / incorrect OWD article number, delete OWD

Incorrect article number

In case an incorrect article number has been assigned to a 1-Wire module, please follow the steps below:

- Select according OWD number **13.1**
- Select correct article from drop-down list **13.2**

Delete 1-Wire / OWD number

To delete a 1-Wire / OWD number, please follow the steps below:

- Select according OWD number **13.1**
- Delete 1-Wire / OWD number by using „DELETE SELECTED OWD IN CONTROLLER“ button **13.3**

The screenshot displays the ESERA-Automation Config Tool 3 interface. The top navigation bar includes tabs for HOME, PROJECT, CONTROLLER, SETTING, 1-WIRE/OWD, EXTENSIONS, DATA/DEBUG, DOKU, and HELP/SUPPORT. The main area is divided into two panels. The left panel, titled 'OWD (1-WIRE DEVICES)', lists 30 OWDs. The entry '1_OWD3 720000198299FC29 S_0 11229 HEIZKOERPERVENTILE' is highlighted with a red box and labeled 13.1. The right panel, titled 'OWD INFO', shows details for the selected OWD. The 'SELECT ARTNO:' dropdown menu is highlighted with a red box and labeled 13.2. Below it, the 'DELETE SELECTED OWD IN CONTROLLER' button is highlighted with a red box and labeled 13.3. At the bottom right, the 'SAVE ALL OWD PERMANENT' button is also highlighted with a red box.

14. EXTENSIONS, function extensions

Function extensions and options

Various function extensions are available for the 1-Wire Controller / 1-Wire Gateway, which are only enabled by entering a license key.

Each license key is only valid for one 1-Wire Controller / 1-Wire Gateway and cannot be transferred to other 1-Wire Controllers / 1-Wire Gateways.

When entered, the license key is permanently stored in the 1-Wire Controller / 1-Wire Gateway and will not be overwritten by updates.

Function enhancements are supported from 1-Wire Controller firmware V1.13 onwards.

Function keys can be purchased in the ESERA Online Shop.

Registration

All license keys for function extensions are managed on our ESERA license server located in Germany. In order to activate a function extension for a 1-Wire Controller / 1-Wire Gateway, it is necessary to register the 1-Wire Controller / 1-Wire Gateway via the Config-Tool 3.

Details can be found under the "PROJECT" tab, Registration.

Further steps after registration:

14.1. Purchase a license key

All license keys are managed on our ESERA license server and were stored permanently in the 1-Wire Controller / 1-Wire Gateway after transfer.

You can update the existing license keys and load them directly from our server by clicking on the "REFRESH" button.

a. Refresh existing license key

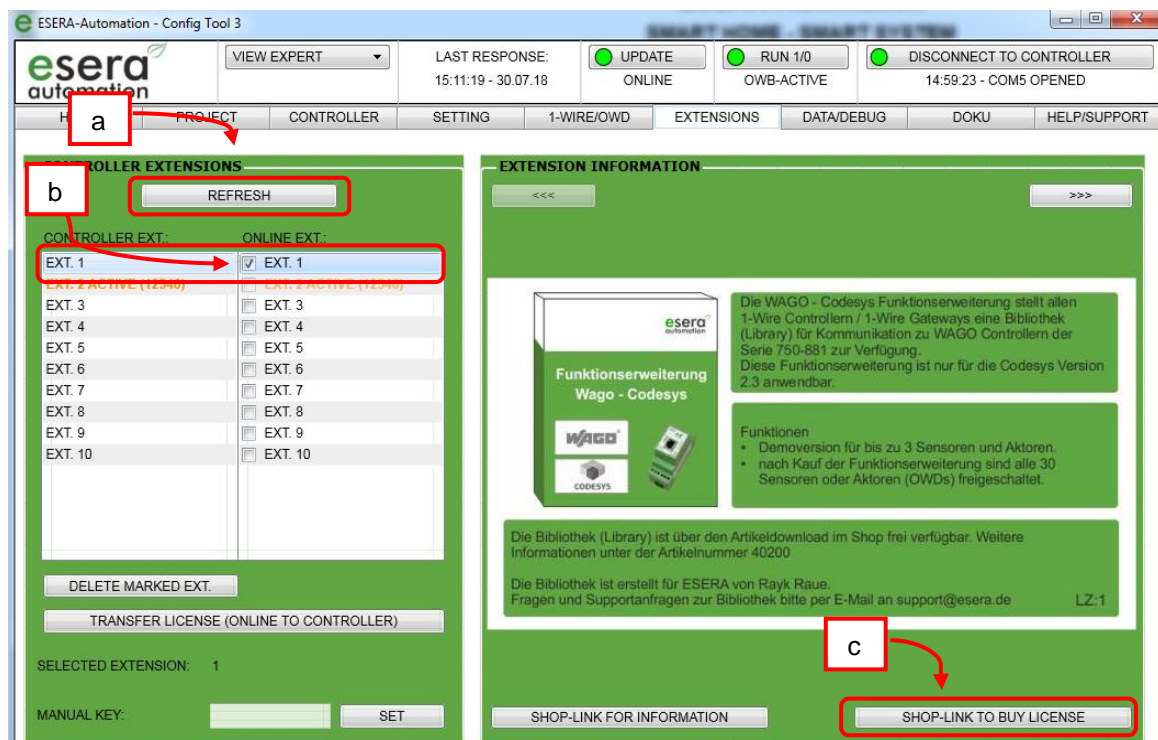
Press the push button "REFRESH" to update existing license keys from ESERA Server and 1-Wire Controller.

b. Mark new license key

Select a new license key and transfer the request to the ESERA license server.

c. Push Button to purchase license key

By clicking on the push button "SHOP-LINK TO BUY LICENSE" your request will be transferred to the ESERA license server and you will be forwarded directly to the ESERA web shop for further purchase processing.



Further steps after purchasing license key

All license keys are managed on our ESERA license server. You can load a valid license key directly from our server with the "REFRESH" button. It is mandatory that the 1-Wire Controller / 1-Wire Gateway is registered and payment has been made before transfer of a license key.

14.2. Transfer license key

There are two ways to transfer a license key to the 1-Wire Controller / 1-Wire Gateway.

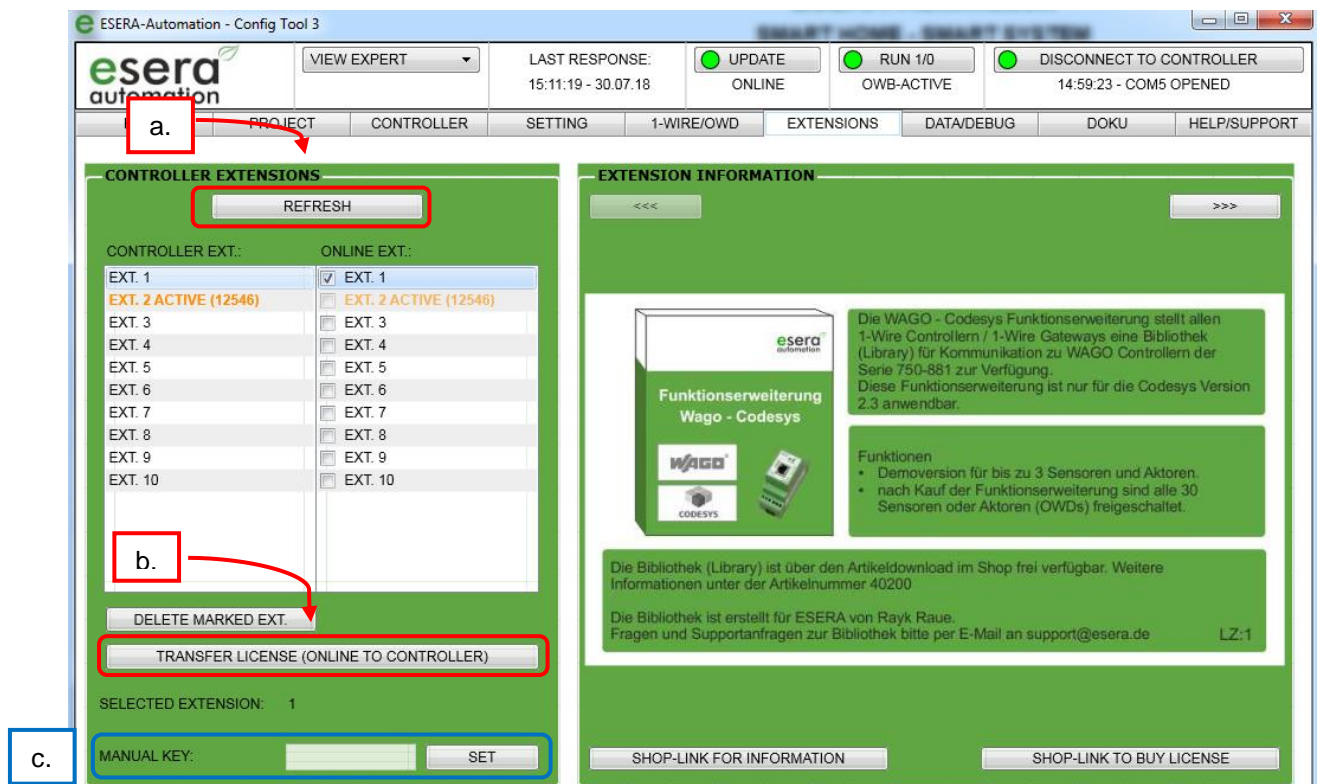
1. Transfer license key from license server

All license keys are managed on our ESERA license server. You can load a valid license key directly from our server with the "REFRESH" button. It is mandatory that the 1-Wire Controller / 1-Wire Gateway is registered and payment has been made before transfer of a license key.

To transfer a license key from the license server, please proceed as follows:

- Press the "REFRESH" button to load the currently unlocked license keys for your device into Config-Tool 3. The unlocked license keys are displayed in orange color.
- When the "TRANSFER LICENSE (...)" button is pressed, a new license key is transferred to the 1-Wire Controller / 1-Wire Gateway.

From now on the function extension can be used.



2. MANUAL KEY / Manual license key entry

- If the license key has been sent to you by email from ESERA, you can enter it directly - even without an online connection - and transfer it to the 1-Wire Controller / 1-Wire Gateway using the "SET" button. From now on the function extension can be used.

If you have entered a license key incorrectly for several times, the 1-Wire Controller / 1-Wire Gateway refuses access for approx. 10 minutes after 3 incorrect entries.

15. DATA / DEBUG, firmware update

The DATA /DEBUG page is divided into four sectors

- Debug output of 1-Wire Controller / 1-Wire Gateway messages
- Controller functions, e.g. set of current time
- Firmware update
- Debug output parameter

15.1. COMMANDMESSAGES / DEBUGDATA

In this area it is possible to send data to the 1-Wire Controller / 1-Wire Gateway as well as to display received data of the 1-Wire Controller / 1-Wire Gateway.

There are various formatting options for this display in the "DEBUG FUNCTIONS" section.

COMMANDMESSAGES / COMMAND

Another input field is located next to the term COMMAND. Any commands can be entered here and can be sent to the connected 1-Wire Controller / 1-Wire Gateway. With the button "SEND" the entered commands will be sent.

DEBUGDATA

This window displays the live data of the connected 1-Wire Controller / 1-Wire Gateway. Among other things, data of the connected 1-Wire devices / modules and status messages are output here.

Details referring to data output can be found in the command list under the "DOKU" tab.

The screenshot displays the ESERA-Automation - Config Tool 3 interface. The top status bar shows 'LAST RESPONSE: 16:15:15 - 05.07.17', 'UPDATE ONLINE', 'RUN 1/0 OWB-ACTIVE', and 'DISCONNECT TO CONTROLLER 16:13:18 - COM5 OPENED'. The main area is divided into four sections:

- 15.1 COMMANDMESSAGES**: Includes a 'COMMAND:' input field, a 'SEND' button, and a 'DESCRIPTION:' field. Below is a list of data entries, including '1_OWD2_2|0', '1_EVT|16:14:55', '1_OWD1_1|2712', '1_OWD1_2|500', '1_OWD1_3|730500', '1_OWD1_4|2602', '1_OWD2_1|1', '1_OWD2_2|0', '1_EVT|16:14:55', '1_OWD2_1|1', '1_OWD2_2|1', '1_EVT|16:14:57', '1_OWD2_1|1', '1_OWD2_2|0', '1_EVT|16:14:58', '1_OWD2_1|0', '1_OWD2_2|1', '1_EVT|16:15:05', '1_KAL|1', '1_EVT|16:15:05', '1_OWD1_1|2712', '1_OWD1_2|501', '1_OWD1_3|732000', '1_OWD1_4|2602', '1_OWD2_1|0', '1_OWD2_2|1', '1_EVT|16:15:15', '1_OWD1_1|2713', '1_OWD1_2|500', '1_OWD1_3|730500', '1_OWD1_4|2602', '1_OWD2_1|0', and '1_OWD2_2|1'.
- 15.2 CONTROLLER FUNCTIONS**: Includes buttons for 'SET TIME', 'SET DATE', 'SHOW INFO', 'SHOW SETTING', and 'SHOW OWD'.
- 15.3 FIRMWARE**: Includes buttons for 'DOWNLOAD FIRMWAREFILE', 'SELECT FIRMWAREFILE ...', and 'START FIRMWARE-UPDATE'.
- 15.4 DEBUG FUNCTIONS**: Includes checkboxes for 'SHOW TIMESTAMP', 'SHOW COMMANDS', 'SHOW SEPARATION LINE', 'SHOW ONLY CURRENT DATA', and 'STOP SCREEN OUTPUT'. It also includes buttons for 'SAVE COMMANDMESSAGES TO FILE ...', 'CLEAR COMMANDMESSAGES', and 'CLEAR ERRORMESSAGES'.

15.2. CONTROLLER FUNCTIONS

The following selection buttons can be used to send various predefined commands to the 1-Wire Controller / 1-Wire Gateway.

SET TIME	=> set the time
SET DATE	=> set the date
SHOW INFO	=> output of 1-Wire Controller / 1-Wire Gateway data (serial number, year of manufacture, etc.)
SHOW SETTING	=> output of 1-Wire Controller / 1-Wire Gateway settings
SHOW OWD	=> retrieve OWD list

15.3. FIRMWARE UPDATE

The button "UPDATE FIRMWARE" opens a program to load a new software (firmware) into the 1-Wire Controller / 1-Wire Gateway.

The firmware can be used for all device versions of the 1-Wire Controller and the 1-Wire Gateway. The corresponding functionality is enabled on the installed device.

A firmware update can be performed with the Config-Tool 3 software under the DEBUG/DATA tab.

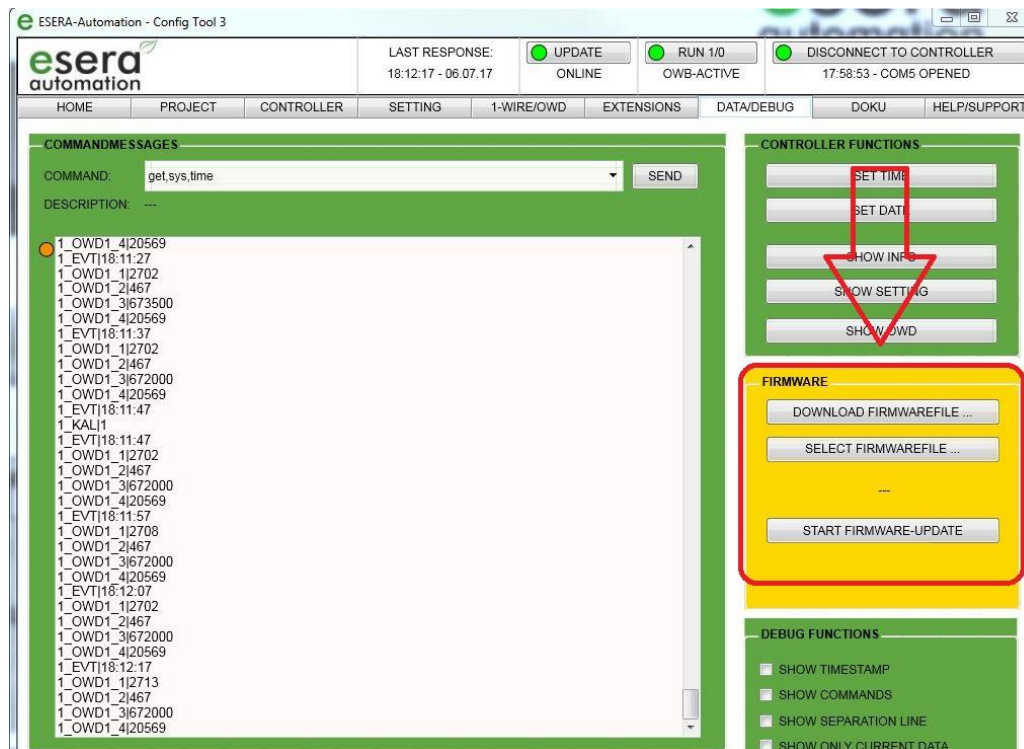
As of firmware version V1.18_38, pressing the "reset" button of the 1-Wire Controller / 1-Wire Gateway is no longer necessary to perform the update.

Emergency system firmware-update

Should an error occur during the firmware update e.g. losing power while updating the firmware, an emergency system can be started. Press and hold the reset button (the reset button is located beneath hole no. 11 at module top side). Then start the update in Config-Tool 3 and release the reset button after 1 second after the update has been started. The update should start now.

When the update is completed we recommend to disconnect the 1-Wire Controller / 1-Wire Gateway for approx. 30 seconds, then restart again. If any issues should occur when installing the update, please contact the ESERA support team: Email: support@esera.de.

[Support video: firmware update:](#)



15.4. DEBUG FUNCTIONS

SHOW TIMESTAMP

A time stamp within Config-Tool 3 can be received in addition with each data output. This is a function of Config-Tool 3, not of the 1-Wire Controller / 1-Wire Gateway.

SHOW COMMANDS

Select here if you want to view commands that the Config Tool uses for various functions.

SHOW SEPERATION LINE

If you want to insert a separation line between each data block, check the box accordingly.

SHOW ONLY CURRENT DATA

To get a better overview of the currently sent data, check the box accordingly to delete the debug field before each data block. From now on only the last data will be displayed.

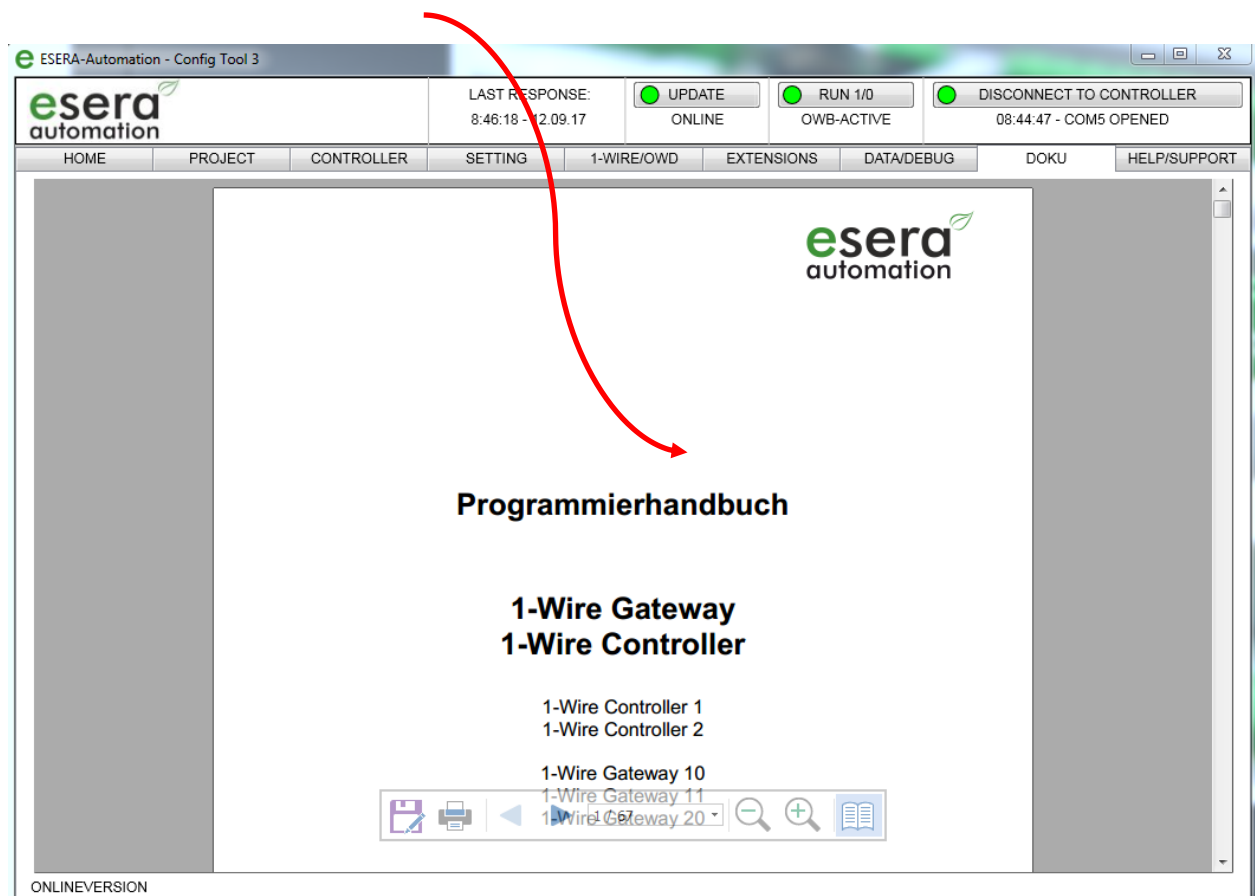
STOP SCREEN OUTPUT

This checkmark freezes the data output. No more new data will be displayed. If this function has been activated, the text of the function flashes.

16.DOKU, programming manual

The ESERA programming manual has a detailed description of the following topics (among others):

- 1-Wire Controller / 1-Wire Gateway in general
- Interfaces of the 1-Wire Controller / 1-Wire Gateway
- Command structure
- Command principles (data query or output, formatting, etc.)
- Data output to all standard- and ESERA 1-Wire modules
- instruction lists



17.PROJECT, registration, backup

17.1. Registration

Each activation requires a registration of the 1-Wire Controller / 1-Wire Gateway.

For various functions, such as sending a support email ("SUPPORT") or activating a function extension ("EXTENSIONS"), a registration of the 1-Wire Controller / 1-Wire Gateway is required.

With registration, input data (company, name, address, ...) as well as data of the 1-Wire Controller / 1-Wire Gateway in use (article number, serial number, firmware version, hardware version, etc.) are transferred and stored.

With these data ESERA can offer a faster support in case of any questions or issues.

All fields marked with an asterisk (*) are mandatory entry fields.

View Input page Function key Config-Tool 3.

The screenshot displays the ESERA-Automation Config Tool 3 interface. The top status bar shows the last response time (17:23:11 - 03.08.17) and three active status indicators: UPDATE ONLINE, RUN 1/0 OWB-ACTIVE, and DISCONNECT TO CONTROLLER (17:22:52 - COM4 OPENED). The main menu includes HOME, PROJECT, CONTROLLER, SETTING, 1-WIRE/OWD, EXTENSIONS, DATA/DEBUG, DOKU, and HELP/SUPPORT. The left sidebar highlights the '17.1' section under 'REGISTER CONFIG-TOOL (INSTALLATEUR)'. The main content area is divided into two panels. The left panel, titled 'REGISTER CONFIG-TOOL (INSTALLATEUR)', contains a form with the following fields: COMPANY (ESERA-Automation), NAME* (Andreas Geisler), STREET / NO. (Adelindastrasse 20), ZIPCODE / CITY (87600 Kaufbeuren), COUNTRY* (empty), and E-MAIL* (info@esera-automation.de). Below these fields are buttons for 'REGISTER' and 'SAVE TO FILE', and a note '* REQUIRED FIELDS'. The right panel, titled '1-WIRE-CONTROLLER-PROJECT', features a '1-Wire Controller' icon and buttons for 'OPEN PROJECT ...', 'SAVE PROJECT AS ...', 'CREATE PDF PROTOCOL ...', and 'OPEN PDF PROTOCOL ...'. Below this is the 'CUSTOMER / OBJECT DATA' section with fields for COMPANY, NAME, STREET / NO., ZIPCODE / CITY, DESCRIPTION, ADDRESS, PROJECT (with checkboxes for NEW, CHANGE, and EXTENSION), and a large text area for NOTE. At the bottom of this section are buttons for 'LOAD DATA FROM FILE ...' and 'SAVE DATA TO FILE ...'. A red box highlights the registration form on the left, and a red arrow points from the '1-Wire Controller' icon to the 'COMPANY' field.

18. Warranty

ESERA-Automation (E-SERVICE GmbH) guarantees that the goods sold at the time of transfer of risk to be free from material and workmanship defects and have the contractually assured characteristics. The statutory warranty period of two years begins from date of invoice. The warranty does not extend to the normal operational wear and normal wear and tear. Customer claims for damages, for example, for non-performance, fault in contracting, breach of secondary contractual obligations, consequential damages, damages resulting from unauthorized usage and other legal grounds are excluded. Excepting to this, ESERA-Automation accepts liability for the absence of a guaranteed quality resulting from intent or gross negligence. Claims made under the Product Liability Act are not affected.

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20. Contact

ESERA-Automation, E-Service GmbH
Adelindastrasse 20
87600 Kaufbeuren
GERMANY
Tel.: +49 8341 999 80-0
Fax: +49 8341 999 80-10
www.esera.de
info@esera.de
WEEE-Number: DE30249510