SECURO Client software guide v1.40

Content

General information

System requirements

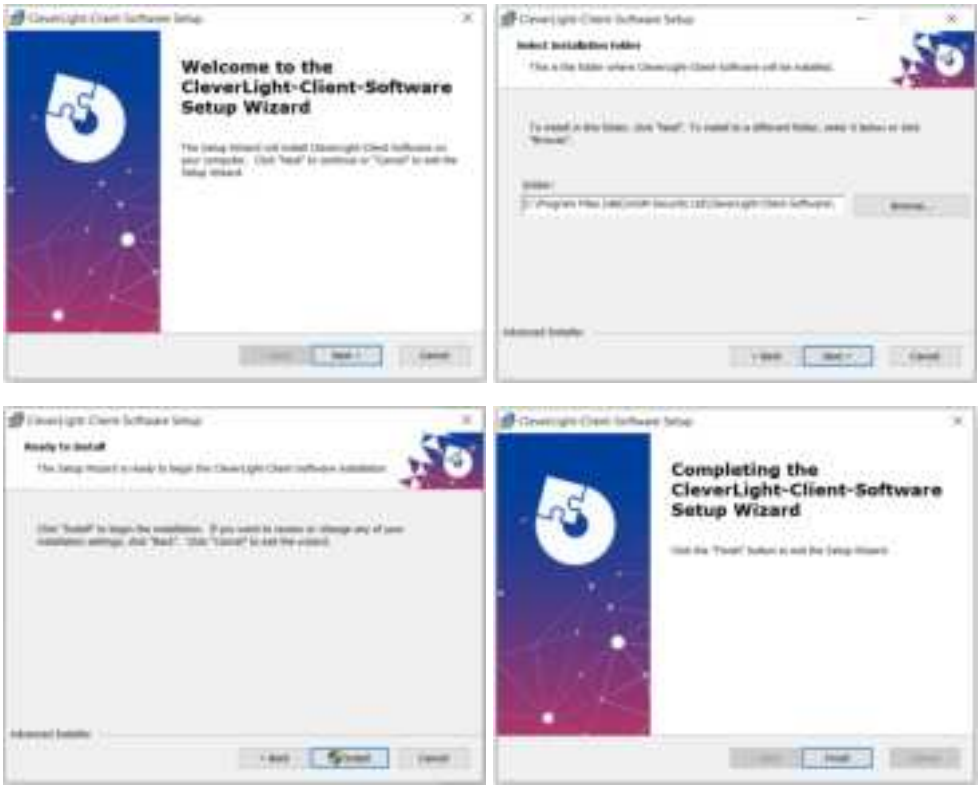
Software: min. Microsoft Net Framework 4.5
Resolution: min. 1280 x 720 pixel
Network card 10/100 Mbit
Average office pc configuration

Compatible panels

100-200-300-400 >= version 53
601-606 >= version 23
SECURO 24V >= version 1.5.0

Installation

To start the installation, insert the USB drive and run the setup file. Confirming the button will take you to the destination folder dialogue.



If the path suggested by the Configurator is not intended, you can change it using the button. Once the installation location has been selected and the Browse button has been confirmed, the component selection dialogue is displayed. By pressing the button, the installer will proceed accordingly. Confirm the button to complete the setup.

Software basics

Functions

The client software is very similar to the commissioning software, but there are no programming features available. The end user can check the status of all luminaires, manual testing is available but they can't change any settings. The user can print a report of the last test of the panel in pdf format. The list of events can be downloaded or deleted. Group and individual switching of luminaires is possible.

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Network

Searching local panels

On the 'Settings' page, check which network interfaces are active. Select the 'All' option and go back to the 'Network' page. Make sure that your PC is on the same subnet as the panels.

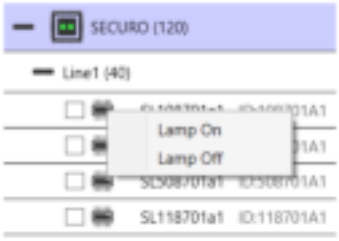
To search for panels on the network, click the Search button

Select any control panel and click the Connect button or click the Connect All button to connect to all control panels. The connected panels are displayed in the Modules menu.

Modules

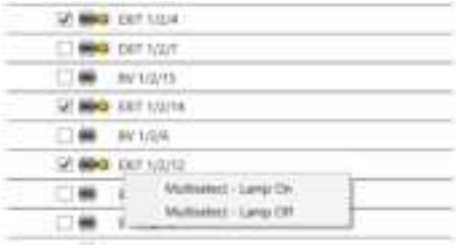
The module menu displays information about the connected panels. Double-click on the panel name or use the Read button to refresh the page.

Lamp on/off



Open the lines with the + button. Right click Lamp on-off will control the luminaires where you press it, if the mouse is on the panel, all the luminaires will turn on, if it's on the line, only the line's luminaires will turn on. To switch on only one luminaire, select from the list.

Multiselect lamp on



Use square to select more luminaires to switch on, right-click to multiselect.

Read luminaire's status

Right click, select all the luminaires and click Read Data. The data for each luminaire will be collected one at a time.

The green marker indicates that the communication with the luminaire is OK, the light bulb indicates that the luminaire is on. When finished, click the Deselect All button.

Luminaire's info page

Double-click on the luminaire name to update the luminaire information page.

Type: Light driver type
ID: Unique identifier from the light driver sticker

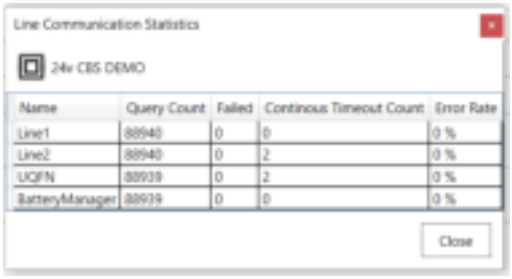
Firmware: firmware version of driver
Communication Status: last known communication status.
Last Query: the line interface queries the status of the lamps; this value is the last query in seconds
Lamp Status: indicates whether the lamp is on or off
EMG Test: possible conditions

- **not tested:** the lamp has not yet run an EMG test
- **ok:** EMG test on lamp was successful
- **fail:** EMG test on lamp was not successful
- **Calibration failed:** The EMG test on the lamp was not successful because the lamp has no reference value.

Group: the light group
Reference (mA): current value measured during calibration
(Battery Voltage (V) (slave MB): battery voltage of slave MB lamp)
(Emergency Contact (slave MB): emergency contact of lamp, this is active or inactive. In case this is active, the lamp output is on and lamp status field is on.)
Current Flow (mA): current measured current value of lamp or addressing module
Line input (230V) monitor: this is a phase monitoring function, you can disable or enable it.
State of the line input (230V): if there is a phase on the input, the value is OK, the other value is a failure.
Measure Range: measuring range of the connected luminaire

Line couplers communication statistics

Double-click on the panel name to open the Line Communication Statistics window.



If the error rate is high (>5%), the service team must be called to rectify the problem.

Commands

You can create a backup file configuration of selected or all connected Control Panel(s).

Contents of the configuration:

- Luminaire names
- Luminaire groups
- Group names
- Fire Group Names
- AC controls
- Relay settings
- Auto test settings

Groups

The Groups section allows you to control the Panel's existing groups. Select from the list and use the On or Off command.

The Group Manager displays the list of luminaires by group.
The Fire Group Manager displays the dynamic exit lighting groups.

AC controls

Communication section:

Status: Green mark or red cross

Group switch: If enabled, the groups will switch on after half a minute if the communication signal is lost.

Name and ID section:

Name: Name of the AC control

ID: Unique identifier from the top of the module

AC-230 section:

Status: Power Ok or Power fail, indicate the AC230 is present.

Monitor: If the module needs to be activated by AC230 fail, enable it.

Dry contact section:

Default state: Normally Open or Normally Closed input.

Status: Normal or active

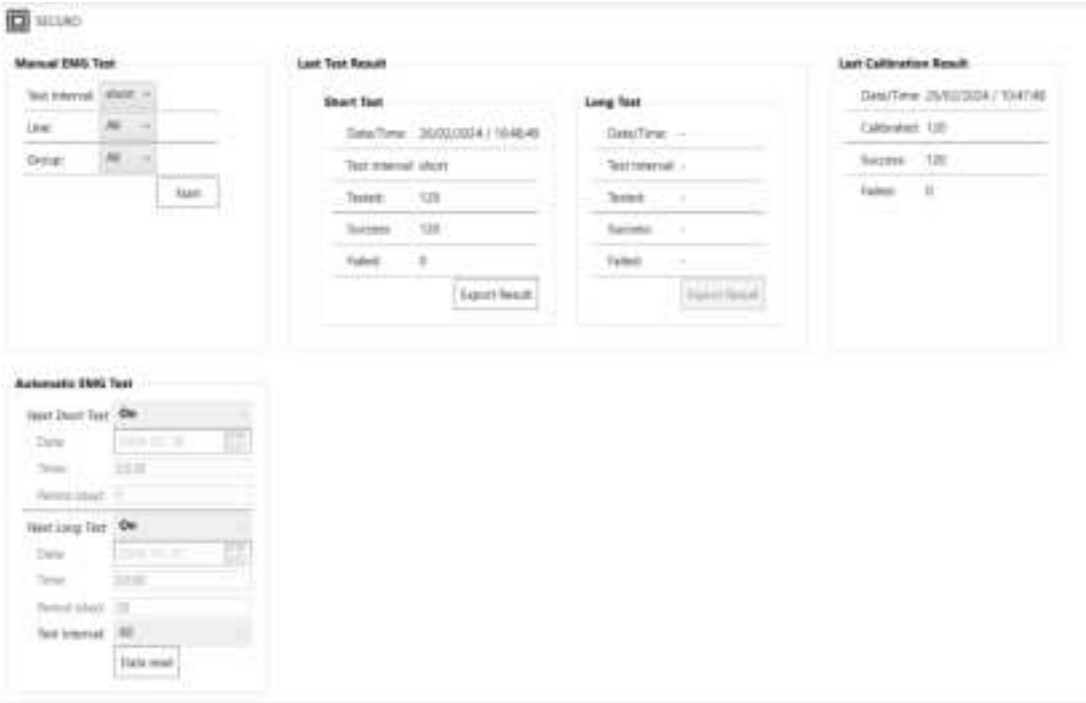
Controlled Groups Section:

Group 1-2-3: Select existing group from panel or use other for group number from network. If all luminaires are to be controlled, use ALL.

Fire Group: Select the fire group you wish to control.

When a module is activated by an event, the trigger and the controlled group will be red.

EMG test



The EMG test is one of the main functions of the addressable emergency lighting system. This function allows the luminaires to be tested for full functionality. During the test, the panel checks the communication of the luminaire, the level of the main battery and the LED current in emergency mode. A short function test or a long duration test can be selected. The test will stop after the last device data has been collected. The test may take longer if there are many faulty units in the system.

Manual test

Select a custom test interval and group or lines to test, then click Start.

Automatic test

Can't be changed at end user level, only in the commissioning software. Indicates the next automatic test setting.

Last Emg test result

Last completed function and battery test result with date/time, tested/faulty device quantity. To print this test report, click the Export Result button.

Last calibration result

Last completed calibration result with date/time, tested/faulty device quantity

Events

The Master Panel stores the last 2000 events in memory, click to download. Select New, Last 10-50-100 or All events.

Use the filter at the top of the column if necessary.

Online mode

Click the Online button, the event is automatically downloaded, and the button colour changes to green. If a new event has occurred on the panel, the software will automatically download it. This is a very useful feature when testing the AC control modules to get the event immediately.

Event manager

If there are several panels connected to the network, select the one you require.

Alarms: There are different trigger events, which means alarms. Alarms activate the relay.

Export: To export the filtered event list in Excel or Pdf format.

On End-User level the events clear and the alarms acknowledge is not possible. Please contact to maintenance team