

**Last update: August 09.2024**

OTT ecoLog 1000 - Operating software "LinkComm" including firmware

**Please note:**

- A Windows-compliant installation of the operating software "LinkComm" is possible, but not necessary! For this you need administrator rights on your PC!  
If you still want to install LinkComm, start the file "setup.exe" -> the "InstallShield Wizard" will open. Then follow the installation instructions on the screen.
- The unpacked directory "LinkComm\_v3.8.5" also contains the current firmware V 1.01.4 of the OTT ecoLog 1000 (file " 5545030293\_010124\_el1000.bin").
- The language of the LinkComm user interface can be selected via the main menu after the first start.
- You can delete the directory with the previous version of LinkComm after installing a newer version. (Before deleting, check whether the OTT ecoLog 1000 configurations / station databases are stored in this directory.)
- LinkComm also serves as operating software for various data loggers/transmitters from Sutron.

**How to install the update**

- Download the file "LinkComm\_v3.8.5.zip" to your PC.
- Extract the zipfile into any (new) directory on your PC.

**Operating software "LinkComm"**

- If the previous version of LinkComm has already been started: close LinkComm.
- Start version 3.8.5 of LinkComm e.g. by double-clicking on the file "LinkComm.exe".

**OTT ecoLog 1000 Firmware**

- Update the OTT ecoLog 1000 firmware as described in the OTT ecoLog 1000 operating instructions (chapter 15).

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**Release Notes Firmware**

V 3.8.5 (2024-08-09)

- Added prompt to clarify purpose and use of Active FTP setting in ecoLog 1000.
- Increased measurement count for XLink 100/500 and Satlink3 to 48, from 32.
- Added new "Log on change" setting to XLink 100/500 and Satlink3.
- Added new "Cell listen port" setting to XLink 100/500 and Satlink3.
- Firmware included: Satlink3 v862r3718, XLink 100/500 v862r3718, X-Link v1.80, and ecoLog 1000 v1.01.5
- Bug fixes since version v3.8.4: 1. FTP modes drop list had redundant entries.

V 1.01.4 (2023-10-27)

- If required, an SMS alarm can now be configured when an error occurs.
- Further minor bug fixes

V 1.01.3 OTT-internal version; not published

#### V 1.01.2 (2023-01-25)

- Support of the OTT ecoLog 1000 with conductivity sensor.
- Further minor bug fixes

#### V 1.01.0 ... V 1.01.1

OTT internal versions; not published

#### V 1.00.7 (2022-06-27)

- Support of FTPS added (PROT-C!)
- Add of sms transmission values in text format (additional to binary)
- sms functionality now available for US as well (Verizon and AT&T)
- Database reset is not enforced anymore only on user request
- Scaling modules for temperature measurement added
- Various bug fixes

#### V 1.00.6 (2020-11-18)

- Option "Active FTP" (Active Mode) added.
- Now also supports the previous ZRXP transmission format.
- Now supports "MQTT & MQTTS" transmissions.
- Diagnostic output for SMS transfers added.
- Further minor bug fixes and firmware optimizations.

#### V 1.00.5 (2020-08-10)

- Revised/increased possibilities for customizing CSV files for IP data transmission and for downloading data on site.
- SMS test transmission is now also possible without a configured SMS transmission.

#### Bugfixes:

- handling of UUID (Universally Unique Identifier) for ZRXP and MIS format corrected
- NTP timestamp improved (date of the device was set into future)
- improved "timing" between data logger and pressure probe (potential error "ERR05")
- further minor corrections

#### V 1.00.4 (2020-02-13)

- Now available: additional measurement channel (M6) for calculation of more values ("processed value")
- Added: FTP-command management. Special commands in a control file on an FTP server allow access to the OTT ecoLog 1000
- Stations and measuring channels can now be provided with a unique identifier (UUID).

#### V 1.00.2 ... V 1.00.3

- OTT internal versions; not published

#### V 1.00.1 (2019-07-04)

- Initial version

**Release Notes Firmware OPERATING SOFTWARE LinkComm**

#### V 3.8.0 (2023-02-27)

- The order of the OTT ecoLog 1000 measurements can now be arranged as desired in the LinkComm software.
- Support of the OTT ecoLog 1000 with conductivity sensor.
- Includes OTT ecoLog 1000 firmware V 1.01.2.
- Further minor corrections

#### V 3.7.22 (2022-10-05)

- Load graph previously downloaded ecoLog 1000 data files
- Restore ability to save or share an image of the Data graph
- Fixed bug causing layout corruption of "TX Content" settings (Link family loggers)
- Fixed bug where Live Poll did not cease when dialog was closed
- Restore ability to use the trash can button to delete ecoLog measurement item (trash can button revealed by swiping left; only "extra" / user-added measurement items may be deleted)
- Restore ability of "Log Files..." button to open a dialog displaying recently downloaded log files
- Firmware included: Satlink3 v847r3493, XLink 100/500 v847r3493, X-Link v1.80, and ecoLog 1000 v1.00.7

#### V 3.7.20 (2022-06-27)

- Support of FTPS added (PROT-C!)
- Add of sms transmission values in text format (additional to binary)
- sms functionality now available for US as well (Verizon and AT&T)
- Database reset is not enforced anymore only on user request
- Scaling modules for temperature measurement added
- Various bug fixes

#### V 3.7.10 ... V 3.7.19

- OTT internal versions; not published

#### V 3.7.9 (2021-04-28)

- Nomenclature in the "Modbus" settings section revised (term "server").
- Added warning when attempting to send a configuration to OTT ecoLog 1000 that does not have a station password enabled.
- Bugfix: Creating/changing OTT ecoLog 1000 password reworked again.
- Includes OTT ecoLog 1000 Firmware V 1.00.6.

#### V 3.7.8 (2021-04-14)

##### Bugfixes:

- Menu "Options ...", "Language", selection "German" reworked.
- Creating/changing OTT ecoLog 1000 password reworked.
- Includes OTT ecoLog 1000 Firmware V 1.00.6.

#### V 3.7.7

- Updates to these versions only concern data collectors/transmitters from Sutron; not relevant for operating an OTT ecoLog 1000 or OTT internal versions; not published.

#### V 3.7.6 (2021-03-31)

- Added support for entering "Umlaut"-characters in OTT ecoLog 1000 paths.

- Added possibility to deactivate a configured IP transmission of OTT ecoLog 1000
- Extended the maximum length of allowable characters for OTT ecoLog 1000 Server Address and scripts paths to 100.
- Includes OTT ecoLog 1000 Firmware V 1.00.6.

#### V 3.7.5

- Updates to these versions only concern data collectors/transmitters from Sutron; not relevant for operating an OTT ecoLog 1000 or OTT internal versions; not published.

#### V 3.7.4 (2020-11-18)

- The resolution of the OTT ecoLog 1000 water temperature measurement is now optionally adjustable to two decimal places.
- Option of a second test transmission for sending current data on request.
- Now supports the previous ZRXP transmission format for OTT ecoLog 1000 transmissions.
- New server type "MQTT & MQTTS" for OTT ecoLog 1000 transmissions added.
- Option "Active FTP" (Active Mode) to the OTT ecoLog 1000 server settings added.
- Includes OTT ecoLog 1000 Firmware V 1.00.6.
- Other minor software optimizations and bug fixes.

#### V 3.7.0 ... 3.7.3

- Updates to these versions only concern data collectors/transmitters from Sutron; not relevant for operating an OTT ecoLog 1000 or OTT internal versions; not published.

#### V 3.6.9 (2020-08-10)

- Added support for exchanging setup information with OTT Hydras 3
- Enables the creation of an additional measuring channel: measurement of relative humidity ("Logger humidity") in the communication unit of the OTT ecoLog 1000
- Revised/increased possibilities to configure CSV files for IP data transmission and for downloading data on site; e.g. date and time format, separators, ...
- OTT ecoLog 1000 cell provider settings are now filterable by country and region
- OTT ecoLog 1000 cell provider database has been updated
- The OTT ecoLog 1000 system length can be changed (after shortening the pressure probe cable) via the tab "Diagnostics", button "System Length"
- OTT ecoLog 1000 modem status information added to the "Communication" tab
- The results of the last OTT ecoLog 1000 data transmission can be retrieved using another button on the "Communications" tab
- While converting downloaded data to another format, the operating software displays a progress dialog
- Data can now also be downloaded on site from the OTT ecoLog 1000 in "ZRXP V3" or "OTTML" format
- Default configurations now also support imperial units (with corresponding default settings)
- Downloaded log files are now archived (-> "Log files ..." button on the "Data" tab)
- Includes the OTT ecoLog 1000 Firmware V 1.00.5
- Further minor software optimizations and bugfixes

#### V 3.6.1 ... 3.6.8

- Updates to these versions only concern data collectors/transmitters from Sutron; not relevant for operating an OTT ecoLog 1000 or OTT internal versions; not published

V 3.5.17 (2020-02-13)

- Enables the creation of an additional measuring channel and the input of a unique identifier for stations and measuring channels; see Firmware v. 1.00.4

V 3.5.13 ... 3.5.16

- Updates to these versions only concern data collectors/transmitters from Sutron; not relevant for operating an OTT ecoLog 1000

V 3.5.12 (2019-08-13)

Initial version for OTT ecoLog 1000

(until V 3.5.11 -> versions only for data loggers/transmitters from Sutron)