



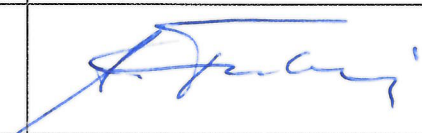
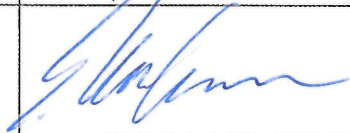
# liberoCONFIG

## Release Notification 11. May 2021

liberoCONFIG & SmartStart version 2021.5.3.0

A release notification informs ELPRO key customers of upcoming new products or changes to existing products. ELPRO is solely issuing release notifications for customer-relevant changes. ELPRO defines customer-relevant changes as changes that are visible/notable/testable by the customer in functionality or material of any key component.

ELPRO performed a full qualification of the product. «Required customer actions» gives a recommendation on how to handle the announced new product in the customer qualification.

	Created by	Released by
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Date	11. May 2021	11. May 2021
Signature		

# 1. Overview of changes

Change No.	Title	Effect on Qualification*	Impact		Effective date
			liberoCONFIG	SmartStart	
1	Error in start option "Start at ... (date/time)"	minor	x	x	May 2021
2	Compatibility with configuration files of previous releases	minor	x	x	May 2021
3	Corrections on checksum compatibility and visibility	minor	x	x	May 2021
4	Removed functionality to configure for single-use operation	minor	x	x	May 2021

\* Definitions of Effect:

**Minor:** Change in materials or functionality that is not affecting existing functionality and/or new functionality (that is not affecting existing functionality). No changes in processes and upgrade/change in customer's qualification documentation are needed.

**Major:** Change in materials or functionality that is affecting existing functionality. Suggested changes in processes and upgrade/change in customer's qualification documentation needed.

## 2. Changes in detail

### 2.1 Error in start option “Start at ...(date/time)”

When configuring a LIBERO logger with liberoCONFIG 2020.12.2.0 to start logging at a defined date & time (“Start at ...”) an error message appears at the time of writing configuration data to the logger.

Issue has been resolved, it is possible to configure a start of the logger at a pre-defined date & time.

### 2.2 Compatibility with configuration files of previous releases

When loading a configuration file (.liberoCFG) created with liberoCONFIG version 2019.5 or older, it is not possible to successfully configure a logger with version 2020.12.2.0 of liberoCONFIG based on this configuration file loaded.

Issue has been resolved, configuration of loggers based on a configuration file (.liberoCFG) created in liberoCONFIG version 2019.5 or newer is possible.

### 2.3 Corrections on checksum compatibility and visibility

- Checksum not compatible

In certain cases of configuration of LIBERO CS/CD/CB/CI (e.g. entering alarm levels as a number with decimal place <> zero, like 8.5 °C) checksum of configuration report is not identical with checksum of PDF report.

- Checksum not displayed

Checksum is not displayed in liberoCONFIG menu view (bottom left corner).

- Checksum not displayed in SmartStart application

A SmartStart application being generated with liberoCONFIG 2020.12.2.0 does not show a checksum value (as usually displayed in previous versions).

Issues have been resolved, as a result:

- Configuration checksum is identical on configuration report and PDF report.

LIBERO PDF Report No. 1620804966 (OK LIBERO PDF Report 20210512093606 76110003901.pdf)

### LIBERO Temperature Monitoring Report

**Additional Information**

Start-at Test

- Use liberoCONFIG to configure LIBERO with your own settings
- Use elproVIEWER to access all recorded data and create own reports

**LIBERO Configuration**

Type:	LIBERO CL V9.12	Inspection Range:	All data
Device ID:	7611 0003 901	Data in graph:	All data
Log Interval:	1 m	Current State:	Stopped
Log Mode:	Start/Stop	First Measurement:	12.May.2021 09:35:47
Report Time Base:	UTC +02:00	Checksum:	AbCd / 858.540.520
Remaining Battery:	1420 d		

### LIBERO Configuration Report

Profile			
Profile Checksum:	858.540.520	Configuration Password:	No
Profile ID:	ABC4	Data Access Password:	No
Device			
Type:	LIBERO CL (V 9.12)	Remaining Battery:	3.9 y
Device ID:	7611 0003 901	Start Delay:	
Log interval / Duration:	1 min / 528 10h 40m	Start Mode:	Start immediately
Log before alarm activation	No	Log Mode:	Start/Stop

- Checksum is displayed in liberoCONFIG menu view.

Configuration LIBERO CL (ID 76110003901) ✕

Description

Logging

**Alarm Conditions**

MKT and Duration Alarm

Time Settings

Handling Options

PDF Options

Drive Options

Bluetooth

#### Alarm Conditions

**Alarm Mode**

Enable alarm conditions

Inspection Range: All data ▼

**Temperature Alarm Zones**

Used	T [°C]	Alarm after	Event	Excursions
<input type="checkbox"/> H4:	0	0 Minutes	Single	unlim.
<input type="checkbox"/> H3:	0	0 Minutes	Single	unlim.
<input checked="" type="checkbox"/> H2:	30.3	0 Minutes	Single	unlim.
<input type="checkbox"/> H1:	25.5	0 Minutes	Cumulative	unlim.
<b>G:</b>	No alarm			
<input type="checkbox"/> L1:	0.1	0 Minutes	Cumulative	unlim.
<input type="checkbox"/> L2:	0	0 Minutes	Single	unlim.
<input type="checkbox"/> L3:	0	0 Minutes	Single	unlim.

Zone H1 and L1 coupled

Profile Checksum **858.540.520**

- Checksum is displayed in SmartStart application.

**LIBERO SmartStart** — □ ✕

New Item 1

ID: 72060410921 - Successful Connect next device.

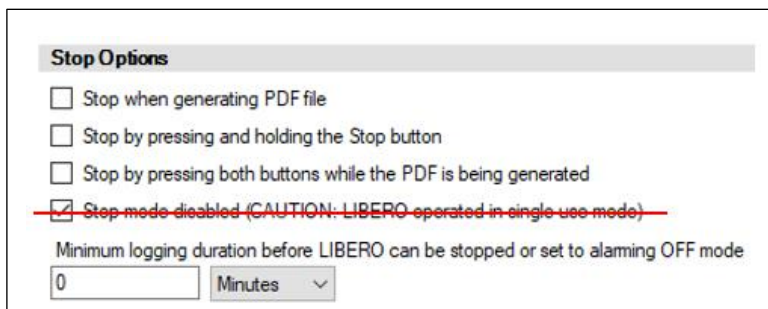
Profile Checksum: 3.769.661.077

## 2.4 Removed functionality to configure for single-use operation

When configuring a LIBERO CE and LIBERO Cx (CE/CL/CH) BLE device with liberoCONFIG 2020.12.2.0 and selecting the option “Stop mode disabled” the device cannot be stopped anymore for re-start or re-configuration. This configuration is irreversible and no time stamp is generated for stop of the logger, which is required in single-use application.

The option “Stop mode disabled” has been removed from the selection list.

For customers who have used this option, the LIBERO Cx BLE loggers of firmware version v9.13 offer a factory-based configuration to prevent re-configuration after first time use. Customers who have not used this option are not affected by this change.



**Stop Options**

- Stop when generating PDF file
- Stop by pressing and holding the Stop button
- Stop by pressing both buttons while the PDF is being generated
- ~~Stop mode disabled (CAUTION: LIBERO operated in single use mode)~~

Minimum logging duration before LIBERO can be stopped or set to alarming OFF mode

0 Minutes

## 3. Required customer actions

### 3.1 General

All changes have been developed, tested and validated according to the strict ELPRO internal guidelines following the V-Model and GAMP5.

### 3.2 Recommendations

In general the upgrade to this version of liberoCONFIG and SmartStart is recommended for all customers using LIBERO devices that are compatible with the new version.

No configuration details or handling instructions need to be changed as the menus appear in the same look and feel as the previous version, except the removal of “Stop mode disabled” option.

Customers planning to use LIBERO CS/CB/CI, LIBERO CD, LIBERO CE, LIBERO CE/CL/CH BLE and LIBERO W should update to this version.

The version 2021.5.3.0 of liberoCONFIG is available for download at [www.elpro.com/downloads](http://www.elpro.com/downloads).