


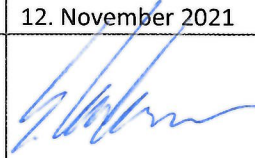


# RELEASE NOTIFICATION: Configuration Software

## liberoCONFIG & SmartStart version 2021.11.2.0

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	12. November 2021	12. November 2021
Signature		

# 1. Overview of changes

Change No.	Title	Effect on Qualification*	Impact		Effective date
			liberoCONFIG	SmartStart	
1	New option for "Inspection range" added	Minor	x	x	Nov. 2021
2	New option "Stop disabled" added	Minor	x	x	Nov. 2021
3	New feature "Start/Stop ONCE" added	Minor	x	x	Nov. 2021
4	Change of delay time setting and countdown sequence	Minor	x	x	Nov. 2021
5	Alignment of Configuration Report	Minor	x	x	Nov. 2021
6	Change of setting when loading a profile	Minor	x	x	Nov. 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

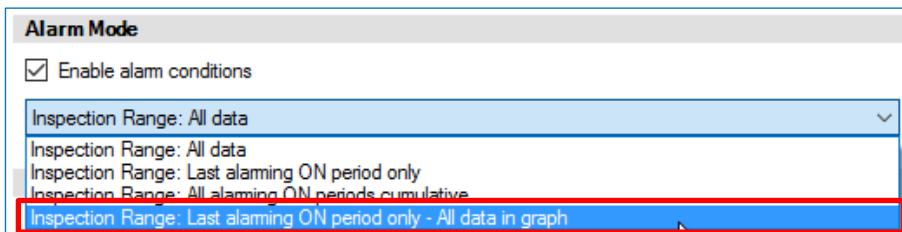
### 2.1 Update of liberoCONFIG

LIBERO Cx BLE data loggers are available with new firmware version v9.14, offering additional features. As a result configuration software liberoCONFIG requires an update in order to select these new options in the process of configuration of the logger.

Changes as listed below are implemented as an update to version 2021.11.2.0:

#### 2.1.1 New option for “Inspection range” added for LIBERO Cx BLE v9.14

For applications of multiple Alarming ON/OFF periods, a new inspection range option “Last alarming ON period only – All data in graph” puts focus of alarm statistics on the last alarming ON period only, while the logging results graphic in the PDF report shows all data since last start of the logger.

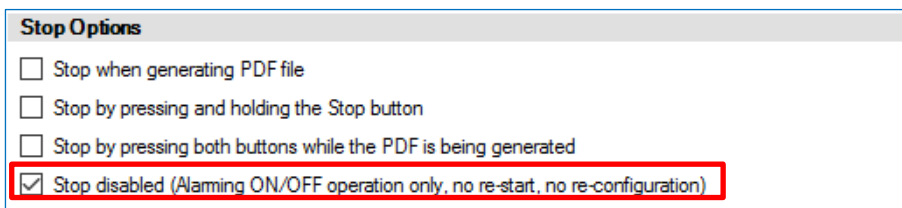


#### 2.1.2 New option “Stop disabled” added for LIBERO Cx BLE v9.14

LIBERO Cx BLE devices are logging measurement values after start of the logger until the device is stopped. At time of re-start, data in memory is removed in order to enable the full memory capacity for the next logging period.

A new option “Stop disabled” is preventing a stop of the logger, but enables constant logging with flexible use of alarm activation (alarming ON/OFF).

Note: when applying this stop mode the device can not be re-started or re-configured.



#### 2.1.3 New feature “Start/Stop ONCE” added for LIBERO Cx BLE v9.14

If removal of all data, collected and stored during a previous logging period, is required, a new start mode option requires to re-configure the logger before a new logging period can be started.

The logger will start the next logging period with cleared memory and new configuration settings applied.

**Start Mode**

Start after pressing Start button  
 Start immediately  
 Start at (according to configured Time Zone)

Dienstag , 19. Oktober 2021 10:25:00

Next Start requires configuration (start/stop ONCE)

Note: A LIBERO Cx BLE v9.14 logger that has been configured with liberoCONFIG 2021.11.2.0 applying this new Feature, will not be recognized by previous versions of liberoCONFIG.

### 2.1.4 Change of delay time setting and countdown sequence for LIBERO Cx BLE v9.14

Settings for alarm activation delay do no longer have to be aligned to a multiple of the interval time selected. Instead, the delay time may be defined as an individual number of minutes.

Countdown steps have changed from interval steps to individual minutes, with the advantage of reading most actual values of delay time remaining on the logger display.

**Alarm Activation**

At time of start  
 After start delay  Minutes

Log values before alarm activation  
 Also apply when alarming is switched ON again after alarming OFF mode



	version v9.13	version v9.14
Interval	3 min.	3 min.
Activation delay time	18 min. (multiple of 3)	20 min. (individual)
Countdown steps	18 > 15 > 12 > 9 > 6 > 3 > start (interval steps)	20 > 19 > 18 > 17 > ..... > 2 > 1 > start (steps in single minutes)

### 2.1.5 Alignment of Configuration Report

The structure of the configuration report has been modified in a way that it is in alignment with the menu structure of the configuration software.

In the configuration report a few parameter text titles have been changed in order to improve readability and understanding.

As well, new parameters of additional functionality have been added, in order to make the configuration report a complete and faithful representation of the configuration created.

### 2.1.6 Bug fixing: Change of setting when loading a profile (# 684016)

Loading a profile (\*.liberoCFG) may have resulted in a different checksum. This was caused when selecting the sub-option "Log values before alarm activation" in "Alarm Activation" settings. This option may have changed (disselected) when a profile was loaded or edited.

This bug is fixed, an unintended change of this option no longer occurs.

## 3. Required customer actions

### 3.1 General

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

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.

For customers planning to apply the new features described in this document, qualification is recommended. Qualification material and Qualification Services are available from ELPRO.

The version 2021.11.2.0 of liberoCONFIG is available for download at [www.elpro.com/downloads](http://www.elpro.com/downloads).