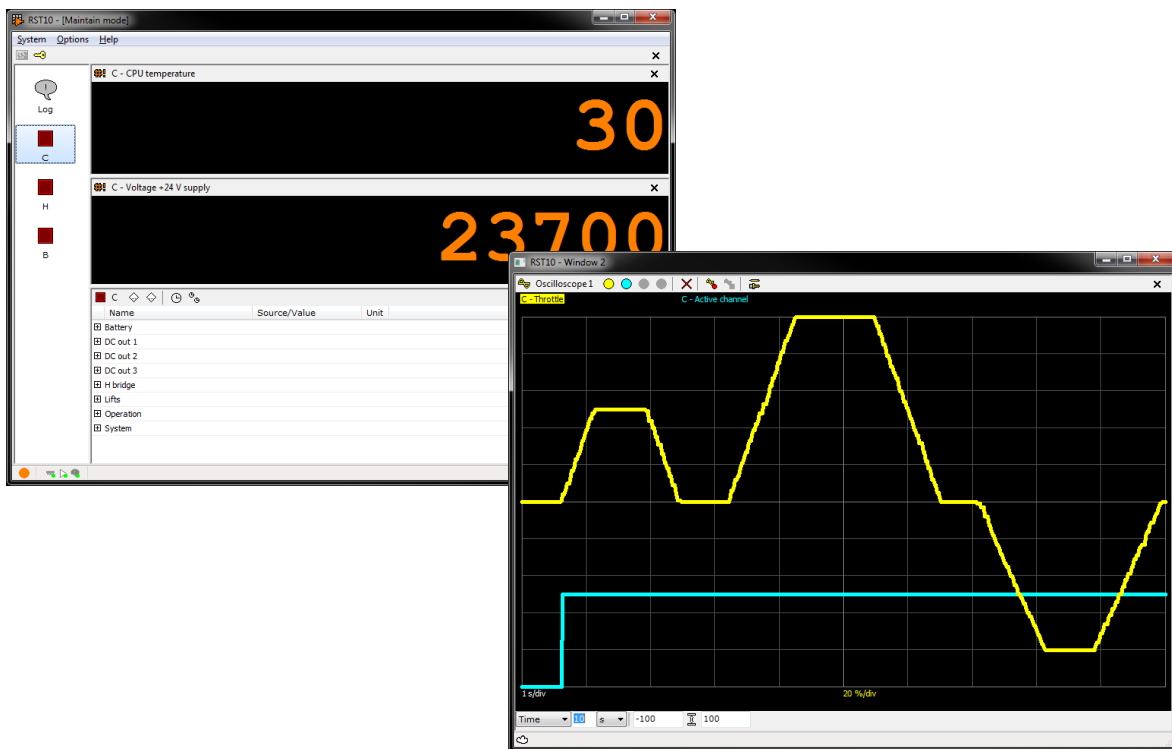# REAC Service Toolbox **RST10**

REAC Service Toolbox (RST10), is as the name suggests, a toolbox consisting of several different tools. It is a PC software for maintenance of products in our RCS series, which can be used to control customizable settings, perform common service tasks, and to monitor system behavior. Engineers might find it useful when evaluating application solutions. Service technicians can use the toolbox for regular maintenance tasks as well as for troubleshooting.

Data can be exported and imported. This enables the production unit or the retail channel to reuse settings in small series of customized orders. This is also useful to service technicians in need of remote support from other technicians, so they can share the exact same data even when a direct link isn't possible.

RST10 is available for REAC control box RCB10+, RCB11, RCB15 and RCB25. Contact REAC for installation file and user manual.

Features

Service warnings	Reset
Settings	Change
Status	View
Event log	View
Save complete system image to disk	(Planned feature)
Load settings from disk	(Planned feature)

Requirements

System requirements	Windows XP, Vista, 7, 8, 10 or compatible
User requirements	Rights to install USB driver
USB port	A free USB port

Interface

Various functions can be run from a menu.
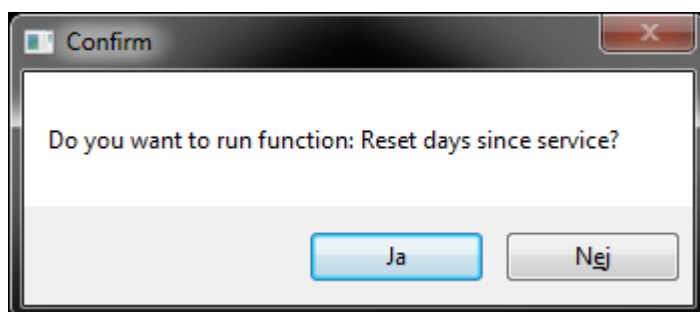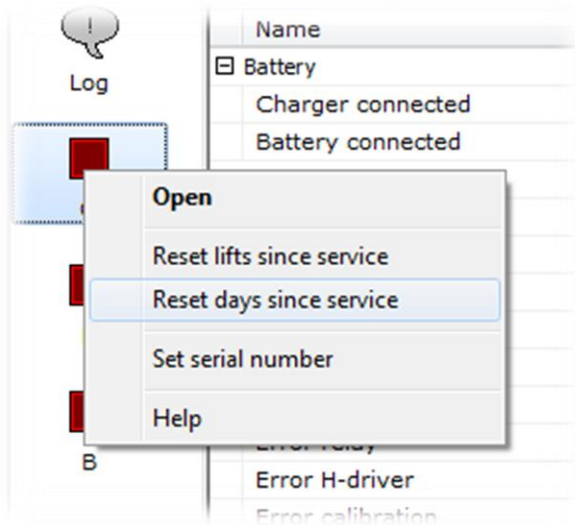
Parameters that can be set, and registers that only can be read, are both accessed via a common list. The items on the list is adopted to the device currently displayed. In order to make the lists easer to handle, the list is arranged into logical groups.

Name	Source/Value	Unit	?
□ Battery			
Charger connected	0		?
Battery connected	1		?
⊞ DC out 1			
⊞ DC out 2			
⊞ DC out 3			
□ H bridge			
Throttle	0	%	?
Motor current	0	mA	?
Consumption current	0	mA	?
Error relay	0		?
Error H-driver	0		?
Error calibration	0		?
Error supply	0		?
⊞ Lifts			
⊞ Operation			
⊞ System			

Events that have been registered and stored in a device can be viewed in a log.

Time+	Node	Event
2017-01-24 21:05:08	C	Log start
2017-01-26 01:25:35	C	Lift
2017-01-26 03:28:48	C	Lift
2017-01-26 19:57:04	C	Lift
2017-01-26 20:24:39	C	Lift
2017-01-26 20:25:01	C	Lift
2017-01-27 15:36:15	C	Lift

Different values can be monitored with very big digits. This can be useful when trying out a product configuration in real-life scenarios where it might be hard to have the PC standing within an arm-length away, but you still want to see some values when you do certain tests. The values will update in real time.
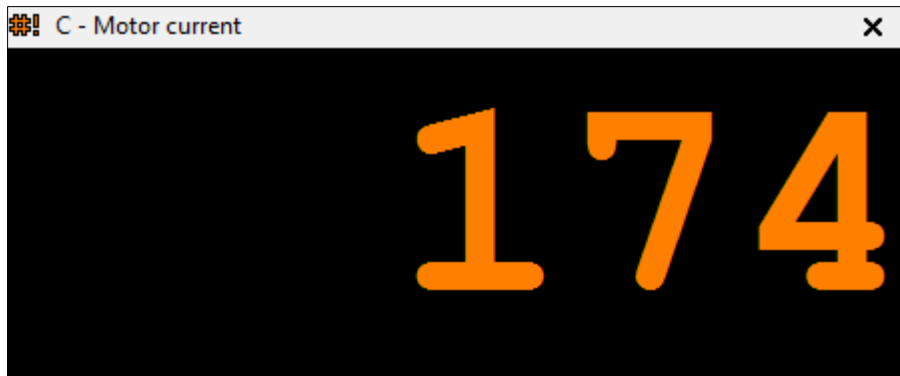
It is also possible to monitor how the values change over time. Multiple values can be monitored in the same view.
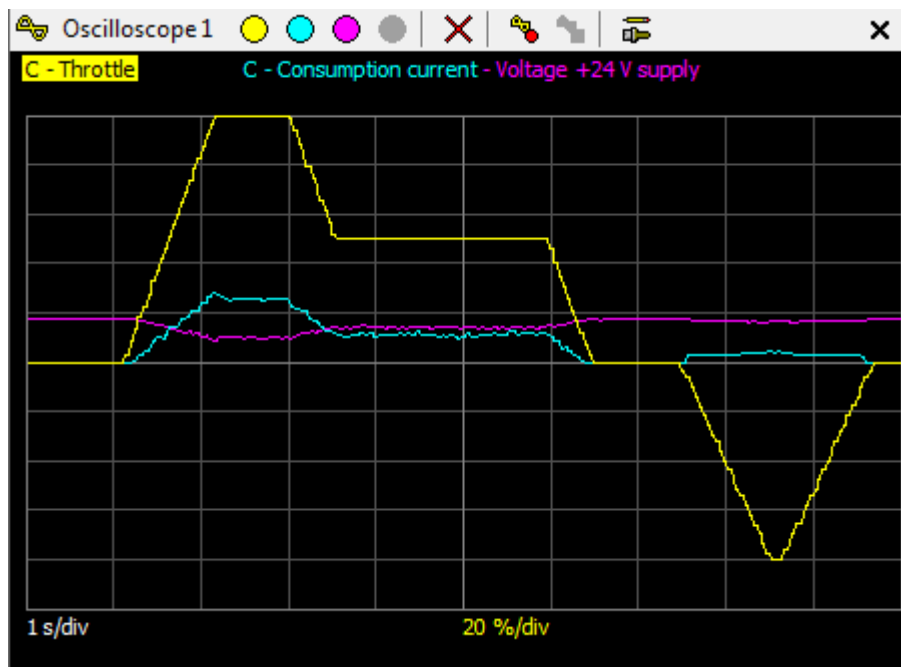
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