ENTRE/MATIC
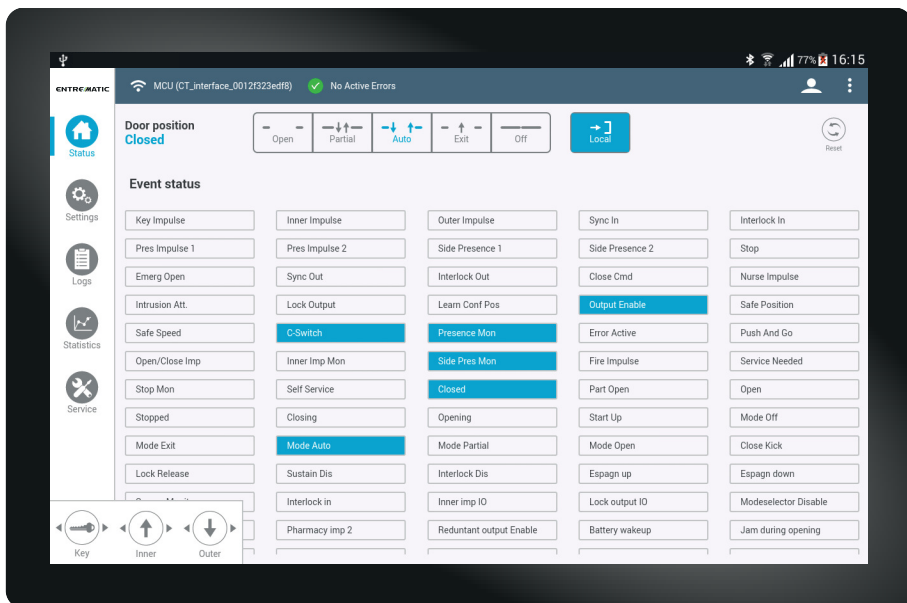
Configuration Tool (CT) for tablet used with DAS200

User Manual

Original instructions

CONTENTS - Original instructions

Backtrack information: folder:Workspace Main, version:a563, Date:2019-09-26 time:08:03:27, state: Frozen

Important information

⚠️ Incorrect installation and adjustment of the door operator can lead to severe injury. Save these instructions for future reference.

For safe and reliable installation and adjustment of the door operator, see separate Installation and Service manual.

Introduction

Configuration Tool, CT

The Configuration Tool (CT) is a universal instrument used for diagnosis, observe event status, errors, read logs and statistics, and configuration of door operator control units. It can also emulate functions of installed units, such as program selectors and activation unit.

During configuration, the manual for the current operator must be used simultaneously with this manual.

The CT has a limited number of logins. A countdown is made at every login.

Functions described in this manual may by enable/disable depending on login level.

Personal password

To increase the security against misuse, all new or updated CTs are delivered without a password. Contact Entrematic Group AB to obtain a daily password. This password must be changed to a personal password (minimum eight characters).

Note! The personal password is only valid for 1 year. After 1 year a new password of the day must be obtained from Entrematic Group AB.

Create Password

You are currently logged in with a daily password

New Password _____

Repeat Password _____

Cancel   Save

About this manual

This manual describes features and functions of the Configuration Tool (CT) and for application version 3.0.

How to install the CT software on the tablet

To be able to install the CT software the installation file (*.apk) must be copied to your tablet and be executed there. Depending on which device you have, it may look different than the pictures in the instruction.

1 Connect your tablet to a PC using a USB cable.
2 Copy the installation file (*.apk) from the PC to you tablet, e.g. in the "Download/" directory. You can now disconnect your tablet from the PC.
3 On your tablet, navigate to the directory where you saved the installation file (*.apk) and tap on it to run the installation. Follow the instruction on screen.

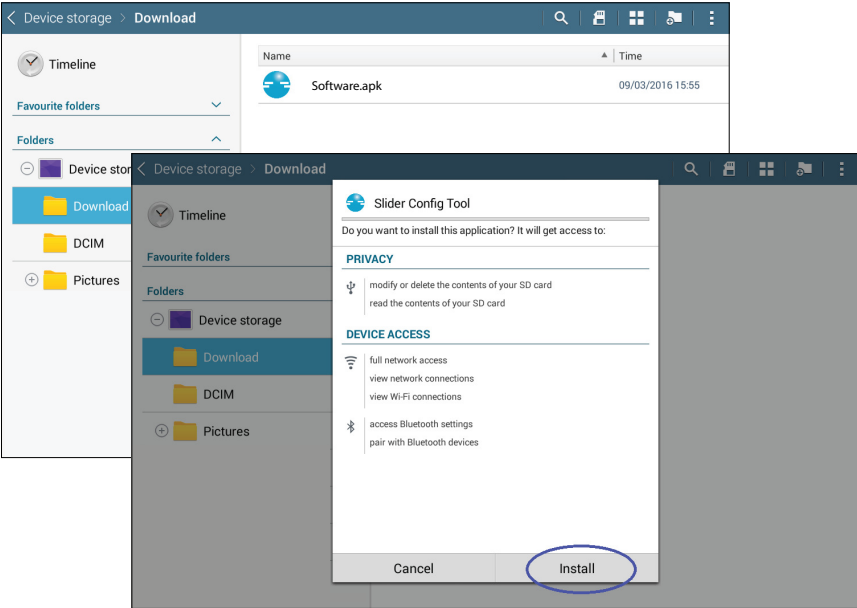

Figure 1: Install the CT software

4   **Note!** The DAS900CTI must be paired to your tablet before opening the application.
    Tap "Done" to close the dialog. An icon is created that is used to start the program.
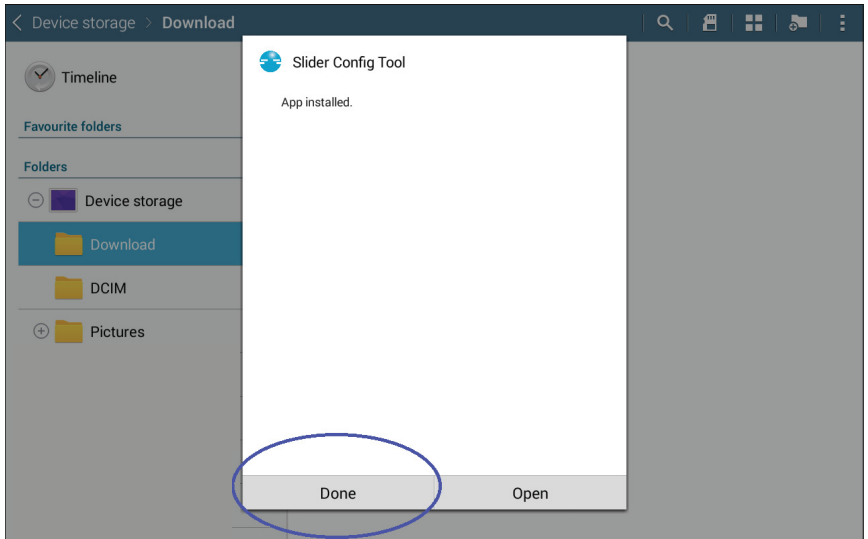

Figure 2: App installed

Pair the tablet with the DAS900CTI (Bluetooth device)

The DAS900CTI is your communication device and it supports two ways to get in contact with the Control Unit, USB or Bluetooth. Below describes how to enable the wireless channel.

1   Connect the DAS900CTI (Configuration Tool Interface) to the sliding door operator MCU/MCU-ER, the **Power ON** LED will start to flash on the DAS900CTI.

Error indication - Blinking
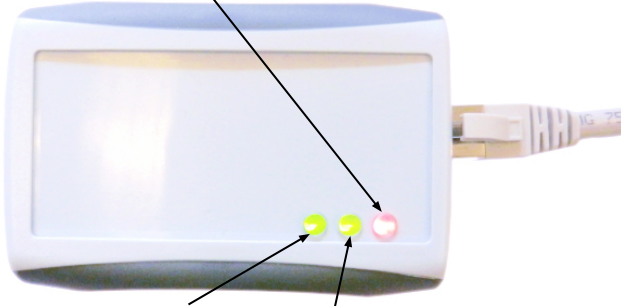
Power ON - Blinking

Communication indicator.
- Constant light when connected.
- Blinking during data transfer.

Figure 3: DAS900CTI (Configuration Tool Interface)

MCU

- ER

From DAS900CTI device
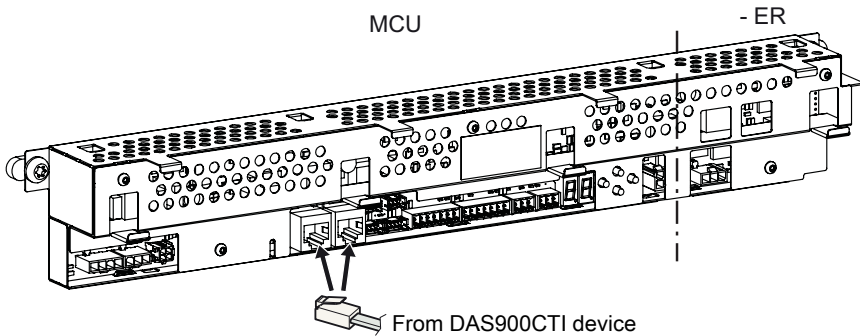
Figure 4: Connecting the DAS900CTI to the MCU/MCU-ER

2   On your tablet, navigate to "Settings" and then "Connections".

3   Turn on the Bluetooth network connection. The tablet starts to scan the area for other Bluetooth devices. In this case the DAS900CTI device appears as "CT_interface_0012f323edf8". All DAS900CTI's are named with "CT_interface_xxxxxxxxxxxx" where the number is the unique device address.

Figure 5: Pair the device

4   Tap on the DAS900CTI device to pair it with your tablet. Now your tablet is ready to communicate with a Control Unit.

Getting started

1   Start the *CT App* by tapping the icon on your tablet desktop.
2   Choose login level and enter your password with the on-screen keyboard and tap **Login**. Number of login attempt left will be decreased at every login.
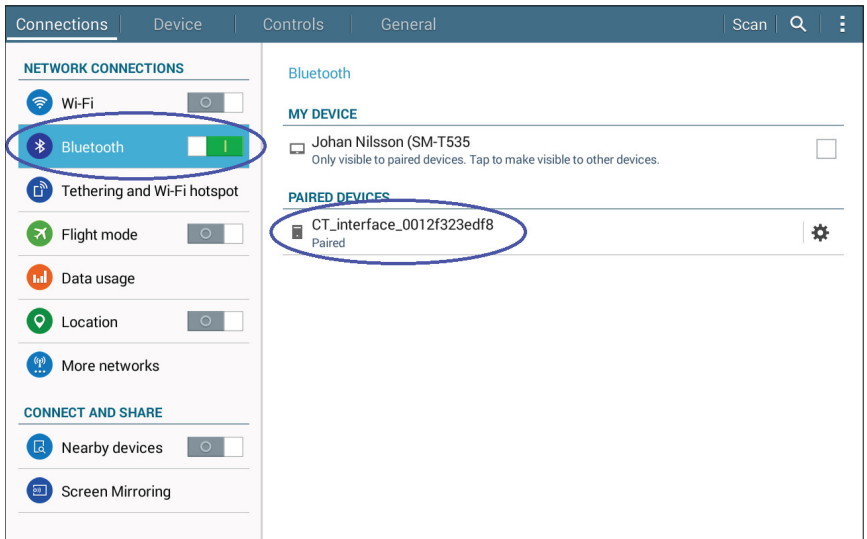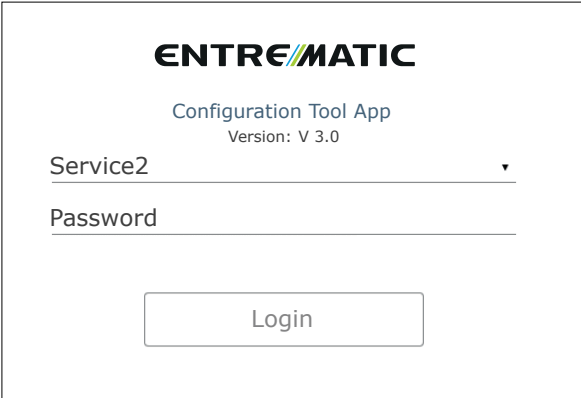

ENTRE/MATIC

Configuration Tool App
Version: V 3.0

Service2   ▾

Password

Login

Figure 6: Login

Note! A temporary password must be used when:

- "Number of logins left:" is decreased to 0 (zero).
- The first time you log in to the *CT App*.
- When the application time limit is exceeded.

A temporary password (daily password) is only valid one day and for a specific login level, and it will reset "Number of logins left:" to its initial value. Contact service.ditec@entrematic.com to obtain a daily password. After login, make sure to create a personal password.

3   If this is the first start of the *CT App*, the settings page will be shown (if not, tap on "Settings" in the menu).
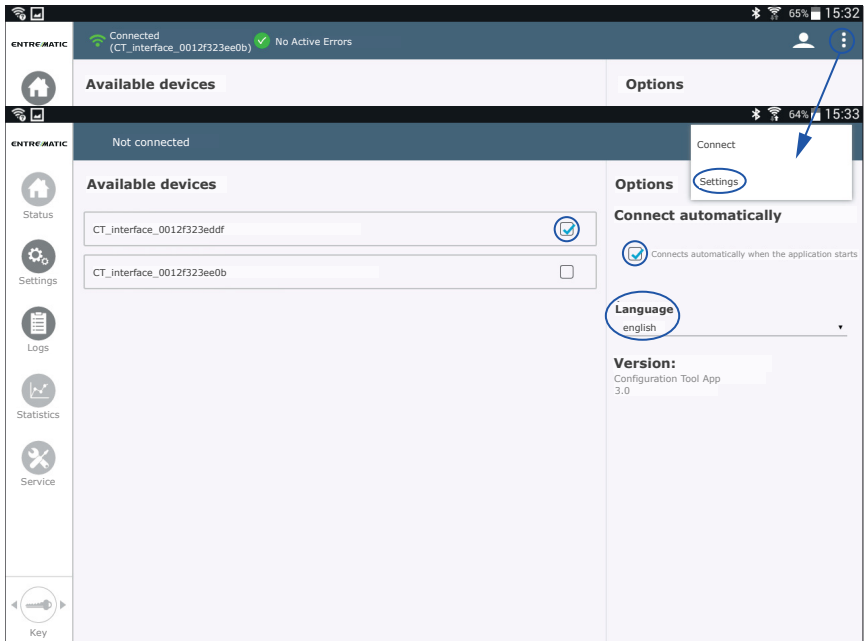
Figure 7: Settings menu

4   From the "Available devices" list, select your Bluetooth device. If the list is empty the DAS900CTI device is not paired to your tablet (see Pair the tablet with the DAS900CTI (Bluetooth device)), or the Bluetooth is turned off.

5   If "Connects automatically when the application starts" is selected; *Status view* will be shown after log in.

6   Select your preferred language.

Figure 8: Disconnect the communication with the MCU/MCU-ER
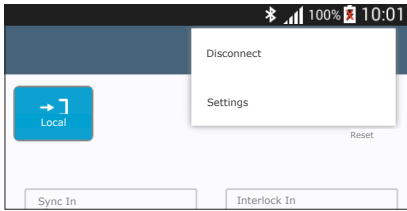
When the *CT App* is connected to a control system, the "Connect" on the menu will be changed to "Disconnect". Use it to disconnect the communication with the MCU/MCU-ER.

Figure 9: Logout and change password
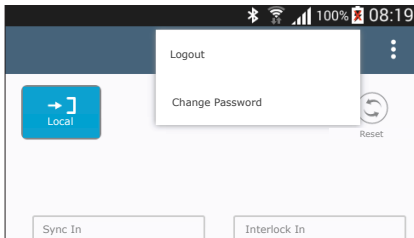
If you tap on you can:
- "Logout", restart the App (requires a new login).
- "Change Password", change password for your current login level.

Main menu

The main menu of the application is always available on left side of the screen. There are five icons representing the main functionality. They are visible/hidden or enabled/disabled individually depending on:

- If you are connected to MCU/MCU-ER or not.
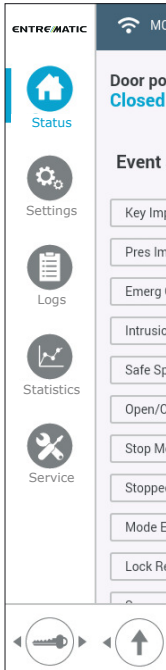- The software version of the MCU/MCU-ER the *CT App* is connected to.

Brief description of the main menu:

Figure 10: The main menu

1   **Status**. An overview of the current *Event status* for the connected MCU/MCU-ER is shown. Mode selector and the possibility to perform a Reset are available functions.

2   **Settings**. This is where the operator and status relay are configured.

3   **Logs**. If it is supported by the connected MCU/MCU-ER, the Error log, Event log and Event log Configuration are grouped in this view.

4   **Statistics**. Depending on the software version in the connected MCU/MCU-ER, different statistic information is shown.

5   **Service**. Software versions are displayed and the re-flash function is available.
Service session, this function tracks all active errors and parameter value changes during a connect session.

Impulse menu

Figure 11: The impulse menu
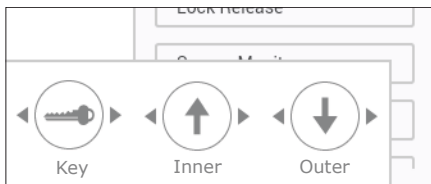
The **Impulse menu** is enabled if the *CT App* is connected to the MCU/MCU-ER; it is located in the left bottom corner of the screen. **Key Impulse** is always displayed. **Inner impulse** and **Outer impulse** are shown in a pop-up menu if the Key button is pressed for more than 1 sec. Tap (short tap) the desired impulse and the operator will carry out an opening cycle, if it is allowed according to the current operation mode.

Main status area

This area is displayed at the top of the *CT App*. In the Main status area the connected/disconnected status and Error status is shown. In *Figure 12*, the *CT App* is connected to the control system via DAS900CTI device "CT_interface_0012f323edf8", and the system does not have any active errors. In case of any active error(s) a red icon will replace the green "No Active Errors" icon, see *Figure 13*.
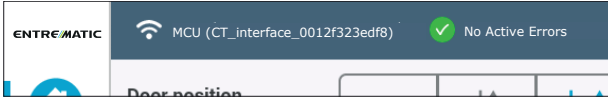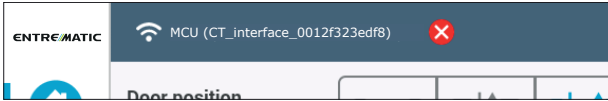

Figure 12: No Active Errors
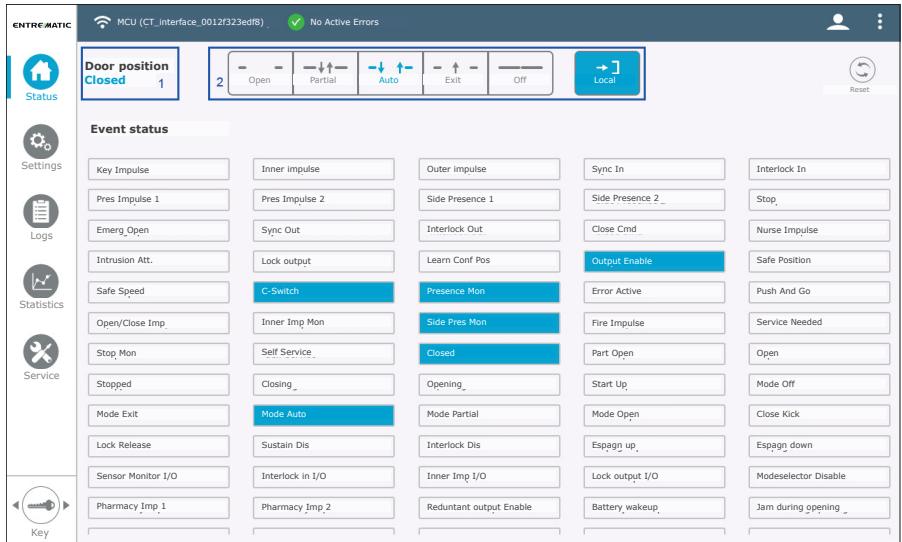

Figure 13: Active error(s)

Status view

Figure 14: Status view

Door position

The Door position (1 in *Figure 14*) shows you what the operator is doing. I.e. *Opening, Open, Closing, Close Kick, Closed*.

CT Operation mode Selector

The operation modes are represented with icons (symbols/text) where the current local operation mode of the connected MCU/MCU-ER is highlighted with a different colour (2 in *Figure 14*). The *Local mode* symbol on right of the *CT Operation mode Selector* has inverted colours in relation to the current MCU/MCU-ER operation mode. In *Figure 14* the current operation mode is "Auto", and the "Local" icon indicates that the mode is controlled by the MCU/MCU-ER.

If you want to override the local operation mode, tap on a symbol to force the MCU/MCU-ER into the selected mode. At the same time the colours of the symbol are inverted to indicate that the operation mode is remotely overridden. The *Local mode* symbol also inverts its colours depending on remote/local mode. Tap on *Local* to revert to the local operation mode.

Reset

Tap **Reset** button, a dialog box is displayed with a security question. Tap **Confirm** to let *CT App* reset the connected control system. The connection will be lost and when the control system has restarted the *CT App* connects again automatically.

Event Status

All events supported by the connected MCU/MCU-ER are displayed as "Event boxes". The *CT App* will receive event message reflecting the current status of the control system. The "Event box" that correspond to a received message will light up and keep that status until the same event is deactivated by the control system.

There is a built in function that slowly (~ 0.5 sec) "turn off" an active "Event box" when the status is deactivated (The "Event box" will fade out). This means that if an event toggles its status (from not active to active and back again to not active) during a short period of time, you will still get the feedback.

Notification function

Figure 15: Notification message
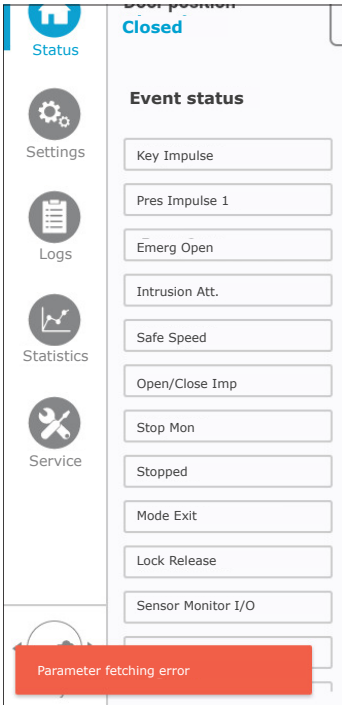
The *CT App* notifies about internal errors and additional information when necessary. The message pops up from the left bottom of the screen and remains for one minute. Tap on it to dismiss.

The notification message has different colours depending on type of message; red for error, orange for information, and green for success.

Active error panel

In case of any active error(s) in the connected MCU/MCU-ER, a red icon ❌ will appear in the main status area and the Active Error panel is shown on right side of the Status view. All active errors are listed in the error panel.

Independently which view you are displaying, you can always tap on the ❌ icon to navigate to the Status view and show the Active Error panel.

To hide the error panel, tap **hide ->** to retrieve a full event status over view, the text will then change to **<- show**; tap it if you want to show the error panel.

In *Figure 16* there are two active errors, "Inner Impulse Error" and "Presence Impulse Error". The "Event boxes" for the impulse test outputs ("Inner Imp Mon" and "Presence Mon") will flash periodically (1 sec interval) and reflect the current terminal status on board the MCU/MCU-ER.

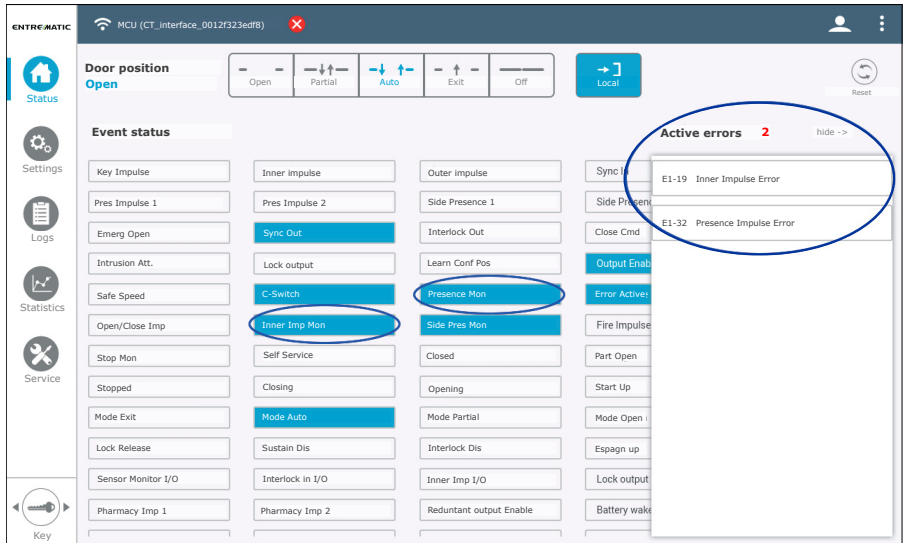When all errors are resolved, the error panel will disappear automatically.

Figure 16: Active error panel shown

Settings view

In the sub menu (1 in *Figure 17*), it is possible to navigate between *Parameter view* and *Status Relay Configuration view*.

Parameters

When the *CT App* connects to the MCU/MCU-ER, the parameters are fetched automatically and the view is updated with the parameter set. A circular progress bar is shown during the fetch process and Logs is disabled (greyed out) in the main menu.

In this view the operator can be configured. Additional supported functions are Lock MMI, Unlock MMI, Learn, Load Default, Fetch, Sync (this function is normally hidden), Save/Load/Mail and Add/Delete parameter groups.

All parameters are divided into default groups including Main control, Motor control, DAS902MP, Escape route and Operation mode Selector, these groups appear to the right of the Settings view. If a group is deselect, the Settings view will immediately apply a filter according to the settings and show a subset of the complete parameter set.

Figure 17: Parameters view

Configure a parameter

Tap any parameter entry (3 in *Figure 18*) to bring up the Configuration Parameter dialog, see *Figure 19* and *Figure 20*.
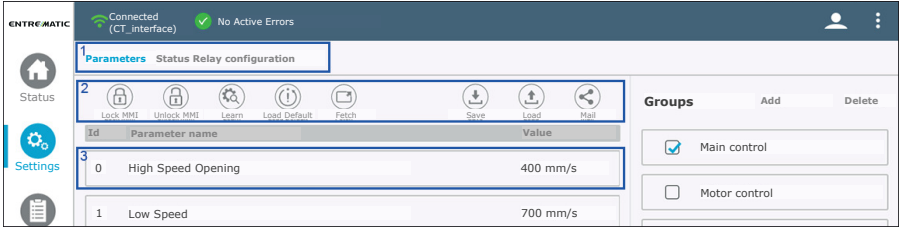
Figure 18: Configure a parameter
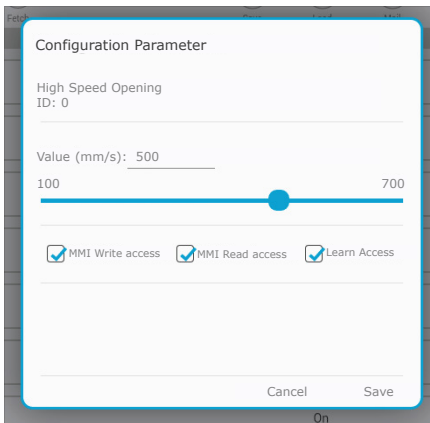
Figure 19: Configurable value
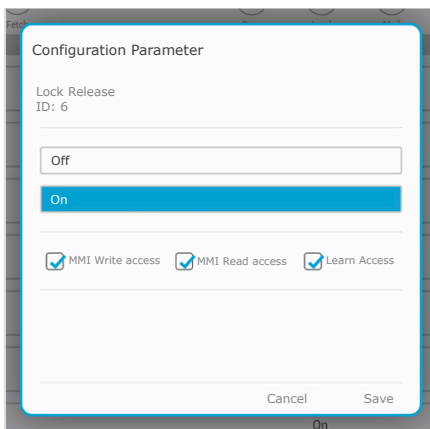
Figure 20: Defined states

The dialog has two different designs depending on if the selected parameter has a configurable value range (*Figure 19*) or if it has defined states (*Figure 20*).

To set a new value, use the slider bar or value input field, or in case of a state parameter just select desired State box.

The three check boxes can be checked or unchecked to retrieve the following behavior in the control system:

- MMI Write access

  An unchecked box means that the current parameter is locked for editing on the control units MMI, you can only read its value (MMI, Man Machine Interface, buttons and display on board).

- MMI Read access

  An unchecked box means that the current parameter will be hidden. Not visible on the control units MMI (MMI, Man Machine Interface, buttons and display on board).

- Learn Access

  An unchecked box means that the current parameter is excluded from the learn cycle. E.g. could be used to exclude the automatic detection of sensors during **Learn**.

  Note! This checkbox is visible for all parameter, but only a selection of parameters are affected by the Learn. (See separate Installation and service manual.)

Tap on **Save** to send the parameter to the MCU/MCU-ER and close the dialog (the text in the Parameter entry will turn red until the MCU/MCU-ER responds with the updated value).

Cancel closes the dialog without sending any changes to the control system.

Lock MMI

This function is only visible if connected MCU/MCU-ER supports it.
In the sub function menu (2 in *Figure 18*) you find the **Lock MMI** button. Tap to display a dialog box. Tap **Confirm** to let the *CT App* lock *Write access* for all parameters. A circular progress bar is shown during the process.

Cancel closes the dialog without sending any changes to the control system.

Note! Parameter *Default Programing Enabled* (5F) is set to *Off* to prevent a default programing from the MMI (MMI, Man Machine Interface, buttons and display on board).

Unlock MMI

This function is only visible if connected MCU/MCU-ER supports it.
In the sub function menu (2 in *Figure 18*) you find the **Unlock MMI** button. Tap to display a dialog box. Tap **Confirm** to let the *CT App* unlock *Write access* for all parameters. A circular progress bar is shown during the process.

Cancel closes the dialog without sending any changes to the control system.

Learn

This function is only visible if connected MCU/MCU-ER supports it.
In the sub function menu (2 in *Figure 18*) you will locate the **Learn** button. Tap to display a dialog box. Tap **Start** and the operator will carry out an opening sequence and try to detect accessories and parameter value to configure automatically, see separate Installation and Service manual.

A circular progress bar is shown during the learn process (*Figure 21*). After a fulfilled Learn cycle there are two scenarios:

1   The dialog will close by itself. Learn cycle is finished.
2   The door reopens and stays open until the Learn cycle is **Finalized**. A dialog window is displayed. Here you are requested to configure parameters that Learn cycle failed to detect (*Figure 22*). Either you can accept the setting as they are, or choose to change the value(s). Tap the parameter entry in the dialog to open the ordinary Configuration Parameter dialog (*Figure 19* and *Figure 20*). When you are done, tap **Finalize** to accept the settings and close the dialog. The door closes, Learn cycle finished.
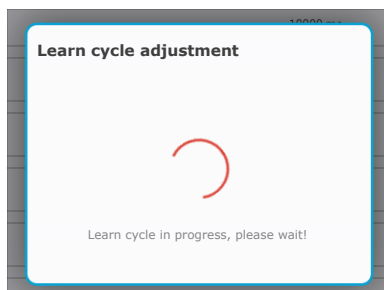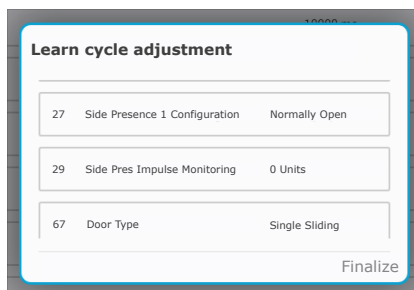

Figure 21: Learn cycle in progress

Figure 22: Learn cycle adjustment

Load Default

This function is only visible if connected MCU/MCU-ER supports it.
Tap **Load Default** (2 in *Figure 18*) to display a dialog. Tap **Proceed** to let the *CT App* reset all parameters to default value. A circular progress bar is shown during the process.

Cancel closes the dialog without sending any changes to the control system.

Fetch

Tap **Fetch** button (2 in *Figure 18*) to re-fetch all parameter values from the connected control system. A circular progress bar is shown during the process and Logs is disabled (greyed out) in the main menu.

Note! The parameters are fetched automatically when you connect to a MCU/MCU-ER. All values are synchronized between the control system and the *CT App* independent if you make changes from the app or the MMI (MMI, Man Machine Interface, buttons and display on board).
Though, this function is useful if a parameter set is loaded from a file and a re-fetch of the MCU/MCU-ER parameter set is desirable.

Sync

The function is only visible if you have loaded a previous saved parameter set file (see **Load** function).
When a file is successfully loaded the text in the Parameter entries (3 in *Figure 18*) are highlighted with red text and you are informed in the Notification area.

Tap **Sync** button (2 in *Figure 18*) to display a dialog box. Tap **Confirm** to let the *CT App* send all parameters to the MCU/MCU-ER. A circular progress bar is shown during the process. The Parameter entries are indicating "Values in sync" with back text.
Cancel closes the dialog without sending any changes to the control system.

Save

This function is enabled when a parameter set is loaded. Tap **Save** (2 in *Figure 18*) to display a dialog box. Time stamp (date/time), connected devices with software versions and all parameters with values will be shown in the dialog. Name the file and tap **Save**.

Note! If the file name already exists, an error message will be shown. Tap **Save** again and edit the file name. If the file save is successful, a message with a green box will be shown.

Cancel will close the dialog without saving any file.

Load

Tap **Load** (2 in *Figure 18*) to open the Android file chooser dialog.

Note! All files saved by the *CT App* are stored in the default application memory area, *Internal storage/Documents/Slider Config Tool/*.

Navigate to the location where you have stored your files.

If you:

1 Open a file (file.pst); it is displayed in a dialog for the purpose of reading it.
2 Open a coded parameter file (filename.json) (the function is used to load a parameter set from one operator to another); the *CT App* will check if the contents of the file match the configuration of the connected control system. It is only possible to load these types of files if you are "Connected" and there is a total match between the software versions in the file and the connected control system (configuration of electrical units, MCU/MCU-ER, DAS902MP and Operating Mode Selector must be the same).

If the file is successfully loaded, a notification is displayed, "Parameter file loaded successfully, all SW version match" (*Figure 23*). The parameter entries (3 in *Figure 18*) are highlighted with red text. It is now possible to sync all the values, see Sync on page 21.

If there is a mismatch during loading, an error is displayed (*Figure 24*).
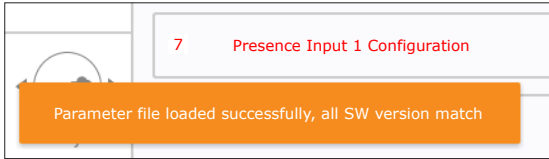
Figure 23: Parameter file loaded successfully
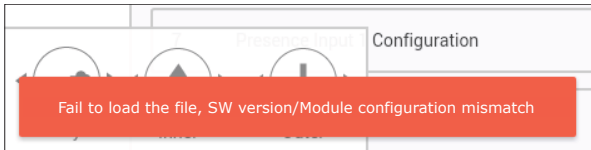
Figure 24: Fail to load the file

Mail

Mail button is located in the sub function menu (2 in *Figure 18*). Tap it to create a mail based on the parameter set. This function require that you have configured the tablet with an E-mail account.

Custom parameter groups

Depending on the software version of the connected MCU/MCU-ER this function may not work.

To the right of the status view, the parameter groups are displayed. All parameters are divided into default groups. You can select/unselect the groups to show/hide a sub set of the parameter set. Parameter groups can be added, tap on **Add** (*Figure 25*) to display a dialog box. Choose a name of the group, and tap **Create** (*Figure 26*). The group is now added in the list (*Figure 25*).
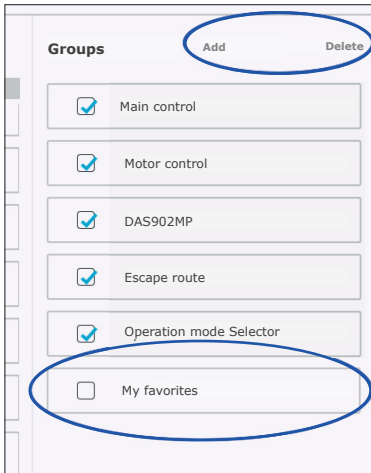
Figure 25: Edit custom groups
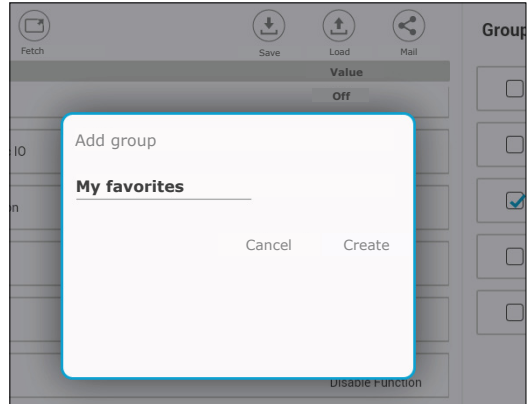
Figure 26: Creating a new group

Assign a parameter to a custom group

Tap any parameter entry (3 in *Figure 18*) to display the Configuration Parameter dialog. Select "*My favorites*" to add the parameter to that group and tap **Save** (*Figure 27*). Parameter groups can be deleted, tap on **Delete** to open a dialog box. Select which group to remove and tap **Delete**.

Figure 27: Add parameter to My favorites

Status Relay configuration

When the *CT App* connects to the MCU/MCU-ER, the Status Relay configuration view is updated automatically.

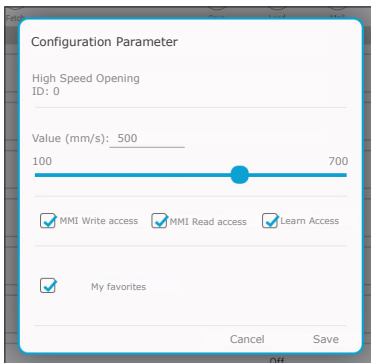All events supported by the connected MCU/MCU-ER are represented in the list (2 in *Figure 28*). A select event will appear in "Selected events" list (3 in *Figure 28*), and the control system are updated with new configuration. All events in "Selected events" list affect the relay.

To remove an events from the "Selected events" list, deselect the check box and it will disappear from the list and the control system is updated with the new configuration.

It is only possible to configure the relay if the operator is equipped with an DAS902MP-board.
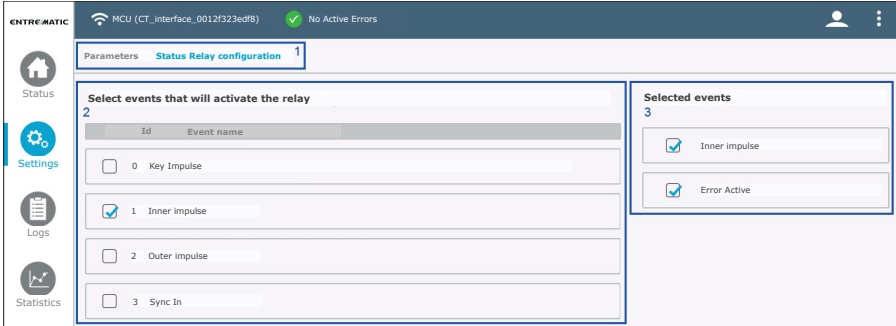
Figure 28: Status Relay configuration

Passcode Configuration

When there is an OMS Standard connected to the operator and the parameter b1 is set to Passcode (1 in *Figure* 29), the Passcode Configuration tab (2 in *Figure* 29) will be available.
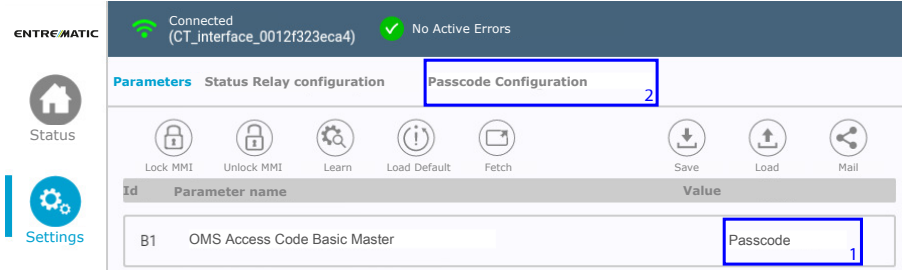
Figure 29: Passcode Configuration

The Passcode Configuration view shows the current passcode configuration, and enables the possibility to change the Passcode (1 in *Figure* 30).

Figure 30: Passcode Configuration main view

Tap **Set new passcode** to set a new passcode by clicking the desired code. Minimum 5 numbers and maximum 10 numbers. Set the new code by tapping the desired numbers, then tap **Save** to finish.

Figure 31: Set new passcode

Log view

Log view only enabled if supported by the system.
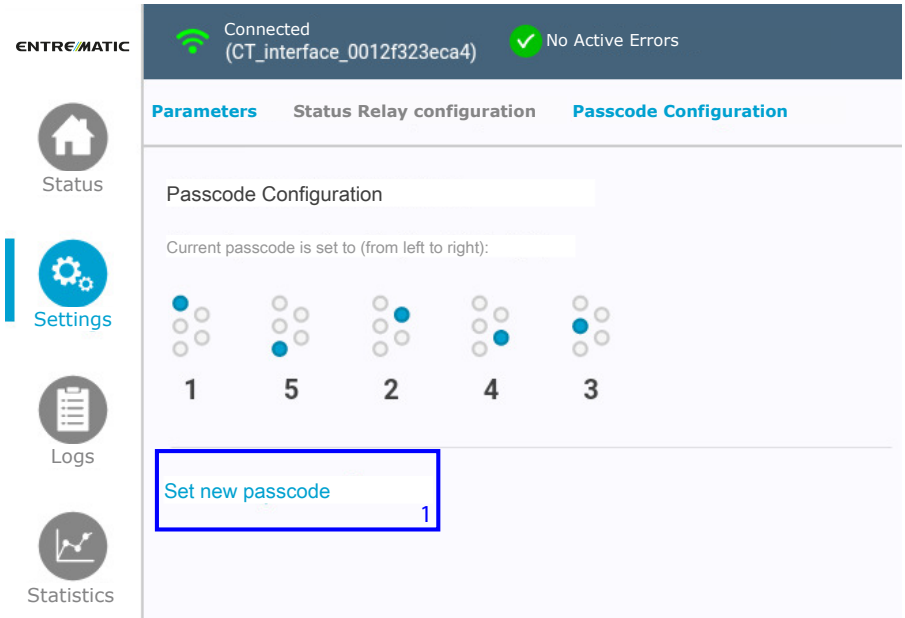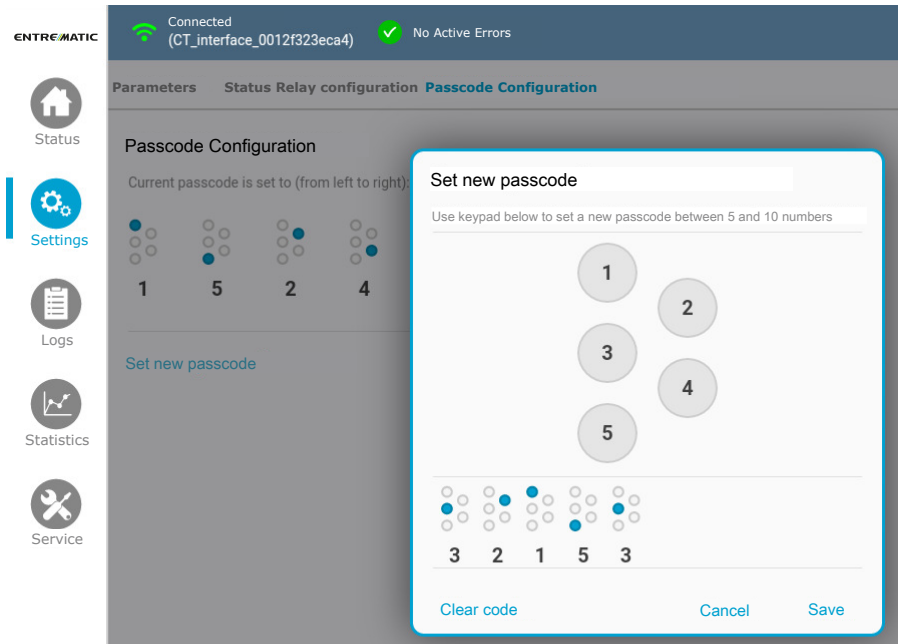
In the sub menu (1 in *Figure 32*), it is possible to navigate between *Error log view, Event log view* and *Event log Configuration view*.

Error/Event log

Save, Load and Mail is common function for the logs.

Tap **Save** to save the current log in the *CT App*.

Tap **Load** to load a previous saved log.

Tap **Mail** to create a mail based on the log. This function require that you have configured the tablet with an E-mail account.

Note! All files saved by the *CT App* are stored in the default application memory area, *Internal storage/Documents/Slider Config Tool/*.

Note! If the file name already exists, an error message will be shown. Tap **Save** again and edit the file name. If the file save is successful, a message with a green box will be shown.
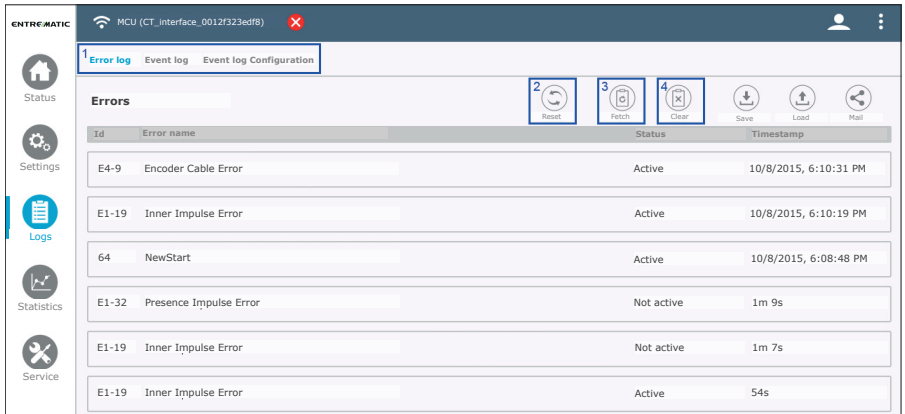
Figure 32: Error/event log

Reset

Tap the **Reset** button (2 in *Figure 32*) to display the reset dialog box. Tap the **Confirm** button, the *CT App* resets the connected control system. The connection will be lost and when the control system has restarted the *CT App* connects again automatically. **Cancel** will close the dialog without a reset.

Fetch

Tap the **Fetch** button (3 in *Figure 32*) to retrieve the log from the connected control system. A circular progress bar is shown during the process. The error/event entries since the latest control system start up are time stamped with absolute time, all other entries will have an offset time related to the previous start up (see *Figure 32*).

Clear

Tap the **Clear** button (4 in *Figure 32*) to display the erase log dialog box. Tap the **Confirm** button to let the *CT App* remove all error/event entries in the MCU/MCU-ER. **Cancel** will close the dialog without any changes.

Event log Configuration

When the *CT App* connects to the MCU/MCU-ER, the Event log Configuration view is update automatically.

All events supported by the connected MCU/MCU-ER are represented in the list (2 in *Figure 33*). A selected event will appear in "Selected events" list (3 in *Figure 33*), and the control system is updated with the new configuration. All events in "Selected events" list will be written to the event log.

To remove an events from the "Selected events" list, deselect the check box and it will disappear from the list and the control system will be updated with the configuration.

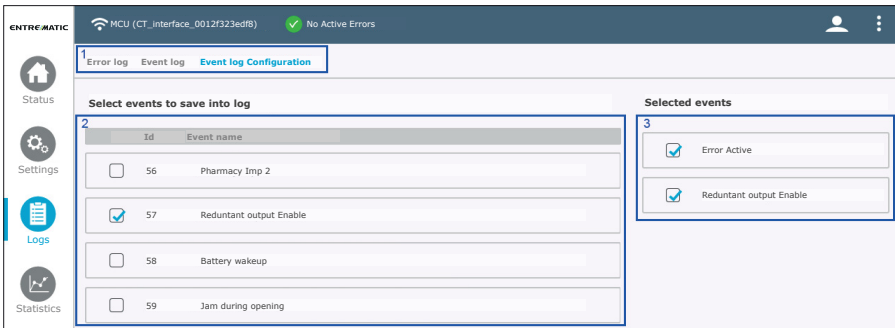Select one or only a few events to avoid *an EEPROM Access Error*.

Figure 33: Event log Configuration

Selectable events:

Id	Event name	Id	Event name
0	Key Impulse	33	Part Open
1	Inner impulse	34	Open
2	Outer impulse	35	Stopped
3	Sync In	36	Closing
4	Interlock In	37	Opening
5	Pres Impulse 1	38	Start Up
6	Pres Impulse 2	39	Mode Off
7	Side Presence 1	40	Mode Exit
8	Side Presence 2	41	Mode Auto
9	Stop	42	Mode Partial
10	Emerg Open	43	Mode Open
11	Sync Out	44	Close Kick
12	Interlock Out	45	Lock Release
13	Close Cmd	46	Sustain Dis
14	Nurse Impulse	47	Interlock Dis
15	Intrusion Att.	48	Espagn up
16	Lock output	49	Espagn down
17	Learn Conf Pos	50	Sensor Monitor I/O
18	Output Enable	51	Interlock in I/O
19	Safe Position	52	Inner Imp I/O
20	Safe Speed	53	Lock output I/O
21	C-Switch	54	Modeselector Disable
22	Presence Mon	55	Pharmacy Imp 1
23	Error Active	56	Pharmacy Imp 2
24	Push And Go	57	Reduntant output Enable
25	Open/Close Imp	58	Battery wakeup
26	Inner Imp Mon	59	Jam during opening
27	Side Pres Mon	60	Jam during closing
28	Fire Impulse	61	Power fail
29	Service Needed	62	Pharmacy open pos 1
30	Stop Mon	63	Pharmacy open pos 2
31	Self Service	64	Outer Imp Mon
32	Closed	97	New Start

Statistics view

When the *CT App* connects to the MCU/MCU-ER, the statistics are fetched automatically and the view is updated.

Tap **Fetch** button to refresh the statistics data.

Tap **Save** button to save statistics data in the *CT App*.

Tap **Load** button to load a previous saved statistics data.

Tap **Mail** to create a mail based on the statistics. This function require that you have configured the tablet with an E-mail account.

Depending on the software version of the connected MCU/MCU-ER and your access level, different statistics data are present.

Note! If the file name already exists, an error message will be shown. Tap **Save** again and edit the file name. If the file save is successful, a message with a green box will be shown.
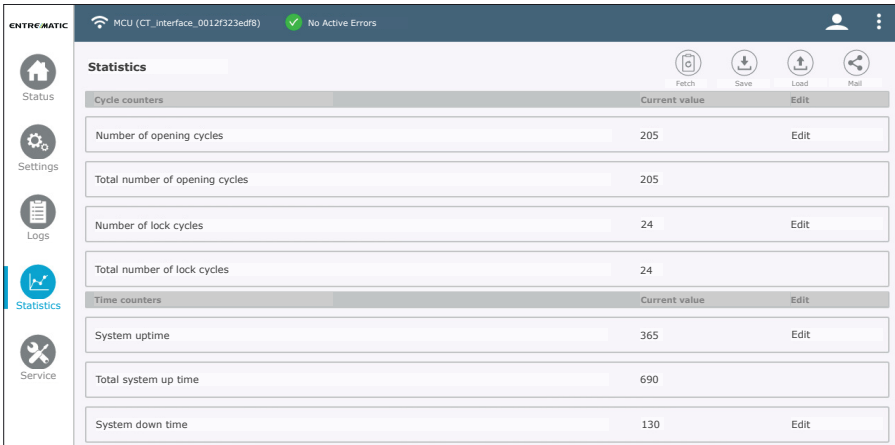

Figure 34: Statistics view

Some of the data can be written by tapping **Edit**.

Some of the statistics can be reset by tapping **Reset**.

Statistics overview

Statistics Cycle counters	
Number of openings, Total number of openings	Counters for door opening cycles
Number of lock cycles, Total number of lock cycles	Counters for lock/unlock cycles
Statistics Time counters	
System up time, Total system up time	Counters for elapsed number or hour with normal operation
System down time, Total system down time	Counters for elapsed number of hour with operation stop
Statistics System information	
Motor temperature	A percentage value of the motor temperature (100% = motor overheated)
Ambient temperature	The temperature measured on board the control unit (C°)
Battery voltage	Battery voltage measured on board the control unit (mV)
Link voltage	Link voltage measured on board the control unit (mV). During normal operation the Link voltage is supplied from the power supply (approx. 32000mV)
Lock current	Amount of current consumed by the lock (mA)
Battery charging	Amount of current consumed by the battery charging (mA)
Opening width Statistics	
Opening width hourly	Average door position for the last hour
Opening width daily	Average door position for the latest 24 hours
Opening width weekly	Average door position for the last week
Opening width since reset	Average door position since the CT reset button was pressed
Opening width none resettable	Average door position for door lifetime
Average power Statistics	
Power hourly	Average power consumption for the last hour
Power daily	Average power consumption for the latest 24 hours
Power weekly	Average power consumption for the last week
Power since reset	Average power consumption since the CT reset button was pressed
Power none resettable	Average power consumption for door lifetime
Pedestrian counters Statistics	Pedestrian counter counts the impulses from the motion sensors in combination with the impulses from the presence sensors (depending on what the system is equipped with).
Pedestrian exit hourly	Average pedestrian exit traffic (passing out) for the last hour
Pedestrian exit daily	Average pedestrian exit traffic (passing out) for the latest 24 hours

Pedestrian exit weekly	Average pedestrian exit traffic (passing out) for the last week
Pedestrian exit since reset	Average pedestrian exit traffic (passing out) since the CT reset button was pressed
Pedestrian exit none resettable	Average pedestrian exit traffic (passing out) for door lifetime
Pedestrian entry hourly	Average pedestrian entry traffic (passing in) for the last hour
Pedestrian entry daily	Average pedestrian entry traffic (passing in) for the latest 24 hours
Pedestrian entry weekly	Average pedestrian entry traffic (passing in) for the last week
Pedestrian entry since reset	Average pedestrian entry traffic (passing in) since the CT reset button was pressed
Pedestrian entry none resettable	Average pedestrian entry traffic (passing in) for door lifetime
Pedestrian total entry since reset	Pedestrian entry counter since the CT reset button was pressed
Pedestrian total entry none resettable	Pedestrian entry counter for door lifetime
Pedestrian total exit since reset	Pedestrian exit counter since the CT reset button was pressed
Pedestrian total exit none resettable	Pedestrian exit counter for door lifetime

Service view

In the sub menu (1 in *Figure 35*), it's possible to navigate between *System information view* and *Service session view*.

System information

The software version and boot loader version for all connected devices are listed in this view. Depending on the software version of the connected MCU/MCU-ER the boot loader function may be disabled.
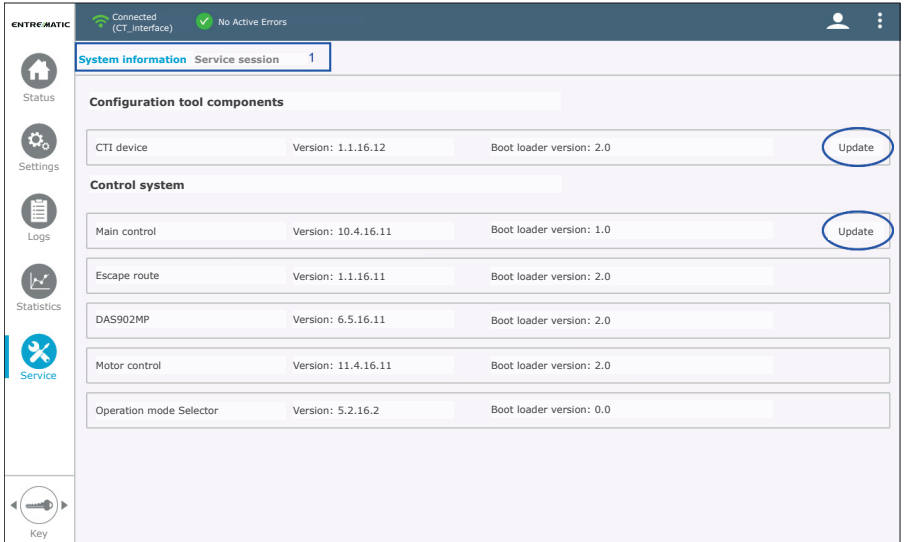

Figure 35: System information
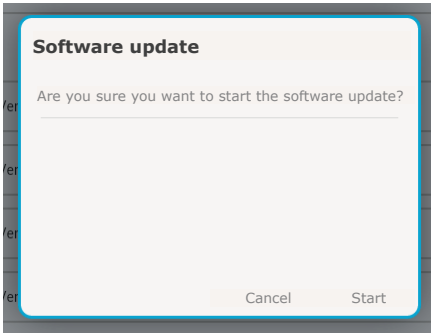
Update software (boot loader)

Figure 36: Start the update

Depending on the software version of the connected MCU/MCU-ER this function may not work. The DAS900CTI device and the control system are updated independently.

Tap one of the **Update** buttons (see *Figure 35*) depending on which device(s) to update; the system file chooser dialog opens. Navigate to the location where you have stored your upgrade file(s) (there are one file for the DAS900CTI device and one for the control system).

Accept the security question by tapping **Start** (see *Figure 36*).

During the update sequence the progress is shown in dialog, wait until is ready and tap Finalize to exit the Software update process.
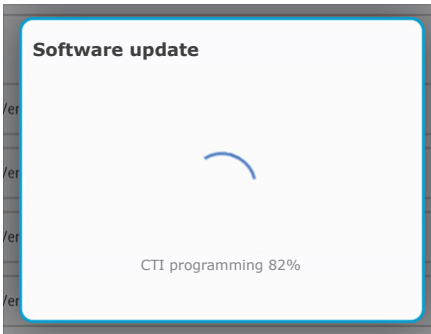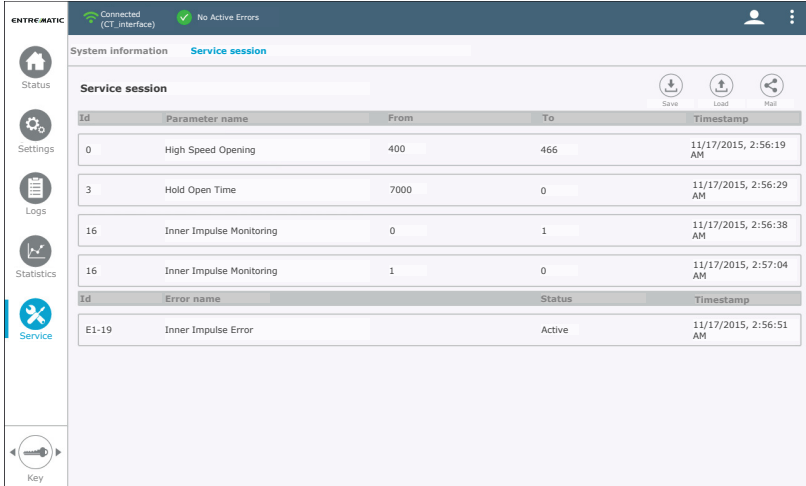

Figure 37: Update progress

Service session

Service session feature track all parameter changes and active errors during a connection session (from connect to disconnect with the MCU/MCU-ER) and display them on the screen.

Figure 38: Service session

Tap **Save** button to display the save Service session dialog. Enter a new file name (mandatory) and use the text area to describe the installation or service in detail (optional).

Tap **Load** button to load a previous saved Service session. The contents of the Service session will be displayed in a dialog box.

Tap **Mail** button to create a mail based on the current Service session.

Note! This function requires that you have configured the Tablet with an E-mail account.
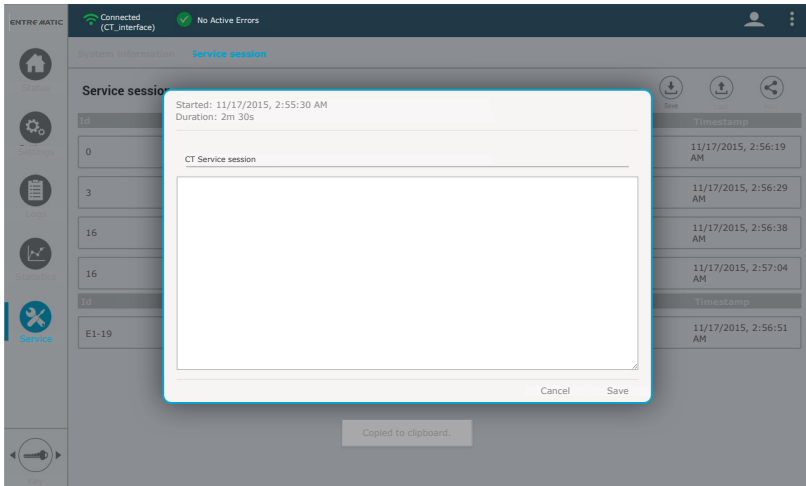

Figure 39: Save Service session

ENTRE//MATIC

Entrematic Group AB, Lodjursgatan 10, SE-261 44 Landskrona, Sweden

www.entrematic.com