Product Change Notification ID#0173

Title of notification

New microcontroller and software for the System Supervisor in CC pilot V700

Level of Change

☒ Product Change Notice – Customer Information

☐ Product Change Notice – Customer Approval

☐ Product Change Notice – Customer Action

☐ Product End of Life – Required Customer Action

☐ Errata – Customer information

Affected Products

#	Product Part Number	Product Name	Coming revision
1	C000152-04 And related S numbers = C000152-04 with preloaded software.	V700	1.1

Product Attribute Affected

☒ Material Change ☐ Process Change

☐ Design Change ☐ Data Sheet Change

☒ Software Change ☐ Packing/Shipping Change

☐ Other: -

Impact of change

☐ Form ☒ No change in form

☐ Fit ☒ No change in fit

☒ Function ☐ No Change in function

If applicable, see description below.

Change - Information

New microcontroller System supervisor

Due to component availability issues, the STM32 system supervisor microcontroller in CCpilot V700 is upgraded to a later generation of the same microcontroller.

The new microcontroller is pin compatible meaning that it will be no change to the PCB. The new microcontroller may consume less power but should otherwise be like the previous version. It will require an updated SS software as described below.

New SW

Related to the hardware change there is a need to update the SS software.

Changes in software v2.X compared to the previous v1.X

- Added support for new microcontroller (STM32L452V***)
- Improved buzzer sound quality
- Disabled support for old microcontroller (STM32F091R***)

Phone: +46 271 75 76 00
info@crosscontrol.com
www.crosscontrol.com

CrossControl
Box 83, SE-822 22 ALFTA
Fax +46 271 75 76 89

Kopparlundsvägen 14
SE-721 30 VÄSTERÅS
Fax + 46 21 40 32 10

Fyrisborgsgatan 4
SE-754 50 UPPSALA
Fax + 46 18 12 38 85

Recommendation

Note: Do not downgrade units with revision < 1.1 using older versions of SS Software

Older units with revision <1.1 must not be updated with the new SS Software as it is not supporting the old STM microcontroller.

Improper software can damage your device.

Information and dates

Estimated date for first deliveries: February 2022

Contacts

Stefan Eriksson,

Product Life Cycle Manager

E-mail: stefan.eriksson@crosscontrol.com

Phone: +46 271 75 76 00
info@crosscontrol.com
www.crosscontrol.com

CrossControl
Box 83, SE-822 22 ALFTA
Fax +46 271 75 76 89

Kopparlundsvägen 14
SE-721 30 VÄSTERÅS
Fax + 46 21 40 32 10

Fyrisborgsgatan 4
SE-754 50 UPPSALA
Fax + 46 18 12 38 85