

## Product Change Notification ID#0248

### Title of notification

CCpilot V1000 and V1200, System Supervisor (SS) Firmware Update from 1.3.0.0 to 3.0.0.0

### Level of Change

- ☒ Product Change Notice – Customer Information
- ☐ Product Change Notice – Customer Approval
- ☐ End of Life Issue – Required Customer Action
- ☐ Errata – Customer information

### Affected Product families

| Product Part Number | Product Name                        | Revision after change |
|---------------------|-------------------------------------|-----------------------|
| C000154-138         | CCpilot V1000 Customer specific     | 1.1.0                 |
| C000154-50          | CCpilot V1000 2CAN                  | 1.2.0                 |
| C000154-51          | CCpilot V1000 4CAN Wifi&BT          | 1.2.0                 |
| C000154-53          | CCpilot V1000 Customer specific     | 1.1.0                 |
| C000154-54          | CCpilot V1000 Customer specific     | 1.2.0                 |
| C000154-55          | CCpilot V1000 Customer specific     | 1.1.0                 |
| C000154-90          | CCpilot V1000 Customer specific     | 1.2.0                 |
| C000155-50          | CCpilot V1200 2CAN                  | 1.2.0                 |
| C000155-51          | CCpilot V1200 4CAN Wifi&BT          | 1.2.0                 |
| S002154-50          | CCpilot V1000 2CAN, CODESYS RT + Vi | 1.2.0                 |
| S002154-51          | CCpilot V1000 4CAN, WiFi&BT, CODESY | 1.2.0                 |
| S002155-50          | CCpilot V1200 2CAN, CODESYS RT + Vi | 1.2.0                 |
| S002155-51          | CCpilot V1200 4CAN, WiFi&BT, CODESY | 1.2.0                 |
| S004154-50          | CCpilot V1000 2CAN, CODESYS RT + Vi | 1.2.0                 |
| S004154-51          | CCpilot V1000 4CAN, WiFi&BT, CODESY | 1.2.0                 |
| S004155-50          | CCpilot V1200 2CAN, CODESYS RT + Vi | 1.2.0                 |
| S004155-51          | CCpilot V1200 4CAN, WiFi&BT, CODESY | 1.2.0                 |
| S020154-50          | CCpilot V1000 2CAN, LinX-Base       | 1.2.0                 |
| S020154-51          | CCpilot V1000 4CAN, WiFi&BT, LinX-B | 1.2.0                 |
| S020155-50          | CCpilot V1200 2CAN, LinX-Base       | 1.2.0                 |
| S020155-51          | CCpilot V1200 4CAN, WiFi&BT, LinX-B | 1.2.0                 |

|            |                                     |       |
|------------|-------------------------------------|-------|
| S021154-50 | CCpilot V1000 2CAN, LinX-Base, CODE | 1.2.0 |
| S021154-51 | CCpilot V1000 4CAN, WiFi&BT, LinX-B | 1.2.0 |
| S021155-50 | CCpilot V1200 2CAN, LinX-Base, CODE | 1.2.0 |
| S021155-51 | CCpilot V1200 4CAN, WiFi&BT, LinX-B | 1.2.0 |
| S030155-50 | CCpilot V1200 with Qt Commercial    | 1.2.0 |
| S110154-50 | CCpilot V1000 ISOBUS UT             | 1.2.0 |

**Product Attribute Affected**

- |                                                     |                                                  |
|-----------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Material Change            | <input type="checkbox"/> Process Change          |
| <input type="checkbox"/> Design Change              | <input type="checkbox"/> Data Sheet Change       |
| <input checked="" type="checkbox"/> Software Change | <input type="checkbox"/> Packing/Shipping Change |
| <input type="checkbox"/> Other:                     |                                                  |

**Impact of Change**

- |                                              |                                                       |
|----------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Form                | <input checked="" type="checkbox"/> No change in form |
| <input type="checkbox"/> Fit                 | <input checked="" type="checkbox"/> No change in fit  |
| <input checked="" type="checkbox"/> Function | <input type="checkbox"/> No Change in function        |

If applicable, see description below.

**Description of the Change**

The System Supervisor (SS) is an internal STM32-based microcontroller that monitors power supply, configures startup settings, and manages device settings.

To ensure the continued field-update capability of SS firmware, a new bootloader will be introduced.

**Improvements**

- Updated bootloader supporting a new SS microcontroller revision, also fully compatible with earlier SS microcontroller revisions.
- Extended compatibility by consolidating previous firmware versions into SS-v3.0.0.0, effectively combining support for CClinux versions 3.x, 4.x, and the upcoming 5.x.
- LED can now be configured to stay off during startup.
- Maximum supported operating temperature has been increased.
- Enhanced startup reliability during low supply voltage.

**Bug fixes:**

- Device was rebooting instead of resuming from suspend/sleep when a USB-to-Ethernet adapter was connected.
- LED blinking rate (~0.5 Hz) corrected when the device was started at 70°C.
- Removed an incorrectly reported hardware error that was written into the internal non-volatile memory.

- The pause in the LED error blinking pattern has been corrected to the accurate interval.
- Added missing error indication on a certain internal hw failure (AUX PG failure).

**Reason for Change**

Previous SS firmware versions will not support field updates on the new SS microcontroller revision. Therefore, this update is mandatory to maintain this functionality.

**Recommendation**

No specific recommendation.

**Estimated Change Date**

2026-08-01

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