

Product Change Notification ID#0249

Title of notification

CCpilot V510, V705 and V710, System Supervisor (SS) Firmware Update from 1.3.6.0 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
C000156-51	CCpilot V510 Extended	1.1.0
C000156-50	CCpilot V510 Basic	1.1.0
C000156-120	CCpilot V510 Customer specific	1.1.0
C000156-121	CCpilot V510 Customer specific	1.1.0
C000156-122	CCpilot V510 Customer specific	1.1.0
C000157-50	CCpilot V710 Basic	1.1.0
C000157-51	CCpilot V710 Extended	1.1.0
C000157-54	CCpilot V710 Extended 8GB	1.1.0
C000159-120	CCpilot V705 Customer specific	1.1.0
C000159-121	CCpilot V705 Customer specific	1.1.0
C000159-50	CCpilot V705 Basic	1.1.0
C000159-51	CCpilot V705 Extended	1.1.0
C000159-54	CCpilot V705 Extended 8 GB	1.1.0
C000159-55	CCpilot V705 Customer specific	1.1.0
S002156-50	CCpilot V510, CODESYS RT + Visu	1.1.0
S002156-51	CCpilot V510, CODESYS RT + Visu	1.1.0
S002157-50	CCpilot V710, CODESYS RT + Visu	1.1.0
S002157-51	CCpilot V710, CODESYS RT + Visu	1.1.0
S002159-51	CCpilot V705, CODESYS RT + Visu	1.1.0
S004156-50	CCpilot V510, CODESYS RT + Visu + Webvisu	1.1.0

S004156-51	CCpilot V510, CODESYS RT + Visu + Webvisu	1.1.0	
S004157-50	CCpilot V710, CODESYS RT + Visu + Webvisu	1.1.0	
S004157-51	CCpilot V710, CODESYS RT + Visu + Webvisu	1.1.0	
S004157-54	CCpilot V710 Extended 8Gb CODESYS RT + Visu + Webv	1.1.0	1.1.0
S004159-50	CCpilot V705, CODESYS RT + Visu + Webvisu	1.1.0	
S004159-51	CCpilot V705, CODESYS RT + Visu + Webvisu	1.1.0	
S020156-50	CCpilot V510, LinX-Base	1.1.0	
S020156-51	CCpilot V510, LinX-Base	1.1.0	
S020157-50	CCpilot V710, LinX-Base	1.1.0	
S020157-51	CCpilot V710, LinX-Base	1.1.0	
S020157-54	CCpilot V710 Extended 8GB, LinX-Base	1.1.0	
S020159-50	CCpilot V705, LinX-Base	1.1.0	
S020159-51	CCpilot V705, LinX-Base	1.1.0	
S021156-50	CCpilot V510, LinX-Base, CODESYS RT	1.1.0	
S021156-51	CCpilot V510, LinX-Base, CODESYS RT	1.1.0	
S021157-50	CCpilot V710, LinX-Base, CODESYS RT	1.1.0	
S021157-51	CCpilot V710, LinX-Base, CODESYS RT	1.1.0	

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.

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.
- Enhanced startup reliability during low supply voltage.
- A new option has been added to disable forced shutdowns from hardware buttons through software configuration.

Bug fixes:

- Hard shutdown trigger time increased.

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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