



# Product Software/Firmware Release Notification

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<b>Software/Firmware Part Number, Version Number, and Build Date</b>	9440301087 2.09.00 11/21/2025
<b>Engineering Change #</b>	5083640
<b>Affected Product and Part Numbers</b>	DECS-250: 94403XXXXX DECS-250N: 94405XXXXX DECS-250E: 95040XXXXX
<b>Product Description</b>	Excitation Control Systems
<b>Description of Change</b>	Security features added. Maintenance release.
<b>Production Change Implementation Date</b>	12/19/2025
<b>File Name Hash (SHA-256)</b>	kgDECS250_20900.bef 703d31b6253642fc115b218c2dbd0dca7e7e828aaa7b6b17ae450c6689bf6c23

## New Software/Firmware Version Information

Firmware P/N: 9440301087  
Version Number: 2.09.00  
Build Date: 11/21/2025

## Obtaining the New Firmware Version

Requests for firmware updates can be made through [Basler technical support](#).

## Installation of the New Firmware Version

Refer to the *BESTCOMSPiUs*<sup>®</sup> *Software* chapter in Basler publication 9440300990 for detailed instructions.

## Impacts of Firmware Installation

Firmware installation should be done offline due to installation causing a device reboot and a reset to settings defaults.

## Verification of Successful Firmware Installation

Using *BESTCOMSPiUs*<sup>®</sup>, connect to the device. Open the *Device Info* view under *Metering Explorer*, and verify the application version number.

## Risks of Not Applying the New Firmware

The security features, functional fixes, and new features in the new update will not be available. These are listed below under *Summary of Changes*.

## Dependent Component Compatibility

This software update is required to access features and fixes included in *BESTCOMSPiUs*<sup>®</sup> version 5.11.00 and later.

## Summary of Changes

### Security Issues Addressed

- Changed port access to allow reset functionality at Control level

### New Functionality and Updates

- Added NTPv3 compatibility
- Added security log functionality
- Added security version reporting
- Added system-in-use messaging support
- Altered auto-synchronizer logic element priority so that open requests take precedence over close requests
- Improved pre-position priority of release and maintain modes
- Corrected auxiliary control FCR setpoint adjustment calculation
- Corrected NTP sync issue
- Increased limiter scaling ranges to 1,000%
- Removed Russian language support
- Miscellaneous maintenance updates