Product Software/Firmware Release Notification

Software/Firmware Part Number, Version Number, and Build Date	9597100031 2.01.00 11/20/2025
Engineering Change #	5083641
Affected Product and Part Numbers	DECS-450: 95971XXXXX DECS-450R: 96001XXXXX
Product Description	Excitation Control Systems
Description of Change	Fixed several security issues along with many customer fix requests and other maintenance features.
Production Change Implementation Date	12/19/2025
File Name Hash (SHA-256)	pkgDECS450_20100.bef fbbe9517de625f047c54e18b85522d1d0ba11ede93316efe9923182ac7aac152

New Software/Firmware Version Information

Firmware P/N: 9597100031
Version Number: 2.01.00
Build Date: 11/20/2025

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 *BESTCOMSPlus*® *Software* chapter in Basler publication 9597100990 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 BESTCOMS*Plus*®, 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 BESTCOMS*Plus*® version 5.11.00 and later.

Summary of Changes

Security Issues Addressed
- None

New Functionality and Updates
- Added Crowbar Active logic status
- Added FVR_Only logic element
- Added security version reporting
- Added system-in-use messaging support
- Added NTPv3 compatibility
- Added virtual switches to Modbus
- Altered auto-synchronizer logic element priority so that open requests take precedence over close requests
- Improved pre-position priority of release and maintain modes
- Removed Russian language support
- Miscellaneous maintenance updates