

Date	28.11.2019
Page	2/3
Subject	Firmware update release

Implemented usability improvement

The firmware update release includes usability improvement, but introduces no new functionality. The following improvement has been implemented:¹

Firmware update release 1.0.1:

Communication

- Improvement to the 1588 time synchronization master switch-over situation.
- Improvement to the 1588 transparent clock message handling when the 1588 time synch source is not being selected but the Switch or HSR Ethernet topology is being used.
- Limitation to the maximum number of files that can be opened by the MMS client. This improves the situation with certain types of MMS clients stressing the merging unit's filesystem and then causing the Internal Fault "File system error" (Fault code 7).
- Merging unit moving from Application mode to Bootloader mode improved for Ethernet communication.

Supervision

- Self-supervision recovery time improved in case of IRF Code 83 or 116.
- Self-supervision performance improvement to the internal CPU memory supervision.
- Self-supervision recovery handling improved in case of IRF Code 79.
- Internal diagnostic improvement for the self-supervision.

¹ The merging unit firmware update may also include some minor usability improvements not listed in this note.

Date	28.11.2019
Page	3/3
Subject	Firmware update release

Update procedure

Firmware updates represent an integral part of ABB's life cycle management of distribution protection devices and merging units. The updates ensure optimized usability throughout the entire life cycle by offering the latest improvements. The ideal time for a firmware update would be during periodical testing or a maintenance break.

All SMU615 version 1.0 (1G) product deliveries dispatched later than November 14, 2019 include the stated merging unit firmware update 1.0.1.

Please note that ABB will not be liable for any direct or indirect costs related to the firmware update procedure. The update procedure shall be performed at the sole responsibility of the possessor of the devices.