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MSM CCM firmware release 2.2.6

Contents

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Hitachi Energy

A firmware version for the central MSM module, CCM (Control & Communication Module), has been released. It provides higher stability of the system, better usability, and visualization improvements. Enhancements compared to release version 2.2.5 include:

1. New features

- Contact wear for LTB
- Coil Time
- Maximum Pole Spread (timing accuracy)
- MQTT signal list configurator in MCT

2. Enhancements

- Improved integration of web panel
- Updated OPC UA library
- Timestamp of unforced “motor starts“ is now of the actual day for the parameter rather than a few seconds after midnight

3. Stability improvements

- Fixes the vulnerability that is stated in Cybersecurity Advisory - IEC 61850 MMS-Server Vulnerability in Hitachi Energy’s MSM Product (abb.com).

4. Cyber security disclaimer

The MSM system is designed to be connected to and to communicate information and data via a network interface. It is your sole responsibility to provide and continuously ensure a secure connection between the product and your network or any other network (as the case may be). MSM is not designed to be connected to the Internet. A network switch shall be used together with MSM system, and rate limiter setting that needs to be configured inside the network switch. Moreover, end users are recommended to change the default password during their first-time login.

You shall establish and maintain any appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of anti-virus programs, etc.) to protect the MSM system, the network system and its interfaces against any kind of security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information.

Hitachi Energy and its affiliates are not liable for damages and/or losses related to such security breaches, any unauthorized access, interference, intrusion, leakage and/or theft of data or information.

5. Revisions

Rev.	Page (P) Chapt. (C)	Description	Date Dept./Init.
A		Draft version	2023-05-25 TCM