



Firmware for MGate 5121 Series Release Notes

Version: v2.0	Build: 25010706
Release Date: Jan 10, 2025	

Applicable Products

MGate 5121 Series

Supported Operating Systems

N/A

New Features

- Supports Proprietary CAN (CAN 2.0A/B) protocol
- Supports CANopen slave parameter initialization via SDO when slave boots up or recovers from an error control event.
- Supports CANopen fault protection.
- Supports CANopen data swap.
- Supports CANopen initial delay.
- Added "unknown" state as the initial state of CAN slaves.

Enhancements

- Automatically calculated CAN COB-ID via slave node ID and PDO number when adding a new PDO.
- Added search object filter on the CANopen diagnosis slave parameter page.
- Enhanced quick data mapping via direct select slave's objects from EDS file.

Bugs Fixed

- Fixed the issue of CANopen slave state showing offline when the data exchange communication is normal.
- Fixed the issue of the CANopen inactive time increasing when the data exchange communication is normal.
- Fixed the issue of CANopen master treating the slave object as a "ro" (read-only) type when the object is "rw" (read-write) type.
- Fixed the "subindex does not exist" issue when setting the object without subindex in CANopen mode.
- Fixed the loss of CANopen data when read/write PDO data type is set at 3,5,7 bytes.
- Fixed the incorrect value of the CANopen and J1939 device status tag.
- Fixed the import configuration file failure when exporting it after changing the system timestamps.
- Fixed the relay behaviour issue after power recovery when activating the power event policy via relay.
- Fixed the CVE-2025-0193 vulnerability issue. For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-247733.

Changes

- Changed the MGate CANopen default ID from 1 to 127.

Notes

N/A



Version: v1.0	Build: 23053118
Release Date: Jun 28, 2023	

Applicable Products

MGate 5121 Series

Supported Operating Systems

N/A

New Features

- First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A