



## Firmware for MGate 5123 Series Release Notes

<b>Version: v2.0</b>	<b>Build: 25010706</b>
<b>Release Date: Jan 10, 2025</b>	

### Applicable Products

MGate 5123 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.
- Fixed the issue of PROFINET returning an incorrect southbound device status when the southbound protocol is ready while PROFINET is still in the initialization stage.
- Fixed the incorrect PROFINET LED status when communication is recovered.

### Changes

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

### Notes

N/A



<b>Version: v1.0</b>	<b>Build: 23053119</b>
<b>Release Date: Jun 28, 2023</b>	

**Applicable Products**

MGate 5123 Series

**Supported Operating Systems**

N/A

**New Features**

- First release.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A