Firmware for MGate 5118 Series Release Notes

Version: v2.3	Build: 22041811
Release Date: Apr 29, 2022	

Applicable Products

MGate 5118 Series

Supported Operating Systems

N/A

New Features

• Supports the HTTP response headers (HSTS, X-Frame-Option, X-Content-Type-Options) for security purposes.

Enhancements

• Supports 1Mbps baudrate for J1939
• Upgraded the OpenSSL version to v1.1.1l
• Upgraded the Dropbear version to 2020.81
• Upgraded the Net-SNMP version to v5.9.1

Bugs Fixed

• Fixed the Modbus server function, which stopped when the system IP address changed.
• Fixed the issue of not being able to output PGN 50944 and 51200.

Changes

N/A

Notes

N/A

Version: v2.2	Build: Build 21020514
Release Date: Mar 02, 2021	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

• Supports MCC Tool.

Enhancements

• Supports MXconfig v2.6 and MXview v3.2.
• Enhanced log table placement.
• Enhanced cipher suite.
• Upgraded SQLite version to v3.33.0.

Bugs Fixed

• Fixed the stuck system issue when the IP setting begins with a zero digit.
• Fixed the command injection cybersecurity vulnerability with a built-in web console UI.
• Fixed CVE-2019-11477.
• Fixed CVE-2011-1473.
• Fixed the memory leak when receiving the wrong LLDP packets continuously.

Changes

• The default setting for the telnet console has been disabled.
• Extended the length of the email alert username.
• Changed the default TCP/IP keep alive check timeout to 1 minute.

Notes

N/A

Version: v2.1	Build: Build 19052723
Release Date: Jul 02, 2019	

Applicable Products

MGate 5118, MGate 5118-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Upgraded OpenSSL version to v1.1.1b.
• Upgraded SQLite version to v3.27.2.
• Upgraded Net-SNMP version to v5.7.3.
• When J1939 received an input message length that was shorter than the configured length, the rest of the portion was filled with 0.

Bugs Fixed

• J1939 Endian swap did not work when Message offset was set to non-zero value.
• J1939 RTS/CTS output message might be delayed by BAM output message.
• J1939 output message might carry incorrect source address value when another device in J1939 network had same J1939 device name as MGate.
• Optimized the response time on Modbus write command under Modbus slave mode.

Changes

N/A

Notes

• Before upgrading to firmware v2.1 or higher, please make sure you have already upgraded the unit to v2.0.

Version: v2.0	Build: Build 18012622
Release Date: Mar 07, 2018	

Applicable Products

MGate 5118, MGate 5118-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Support for Modbus TCP traffic log.
• Accessible IP List supports denying Web/Telnet/SSH console access.

Bugs Fixed

• J1939 Traffic web page shows Output data incorrectly when Output Message offset is configured to a non-zero value.
• J1939 still sends request PGN even when corresponding PGN is received.
• J1939 Output interval is not consistent with configured Update Interval value.
• Incorrect topology display due to forwarding LLDP frames to another LAN port.
• According to EtherNet/IP Specification (CT14), aligned Manual Setting attribute of Ethernet Link Object with the identically-named bit in the Interface Capability attribute.

Changes

N/A

Notes

N/A

Applicable Products

MGate 5118, MGate 5118-T

Supported Operating Systems

N/A

New Features

• First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A