



Firmware for MGate 5118 Series Release Notes

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|-----------------------------------|------------------------------|
| 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



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|-----------------------------------|------------------------------|
| 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.



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|-----------------------------------|------------------------------|
| 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



| | |
|-----------------------------------|------------------------------|
| Version: v1.0 | Build: Build 16091916 |
| Release Date: Dec 16, 2016 | |

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