



Firmware for MGate MB3660 Series Release Notes

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| Version: v2.4 | Build: N/A |
| Release Date: Mar 27, 2020 | |

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

Supports MGate MB3660I-8-2AC and MGate MB3660I-16-2AC new hardware version v1.1.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



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|-----------------------------------|------------------------------|
| Version: v2.3 | Build: Build 18113012 |
| Release Date: Jan 16, 2019 | |

Applicable Products

MGate MB3660-8-J-2AC, MGate MB3660I-16-2AC, MGate MB3660-16-J-2AC, MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

- Supports security features based on IEC-62443.

Enhancements

- Accessible IP List supports denying Web/Telnet console access.

Bugs Fixed

- In Agent mode as a Modbus ASCII master, MGate would hang after plugging and unplugging a serial cable.

Changes

N/A

Notes

N/A



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| Version: v2.2 | Build: Build_18030817 |
| Release Date: N/A | |

Applicable Products

MGate MB3660-8-J-2AC, MGate MB3660I-16-2AC, MGate MB3660-16-J-2AC, MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Enhanced the complexity of token generation to protect against CSRF attacks.
- Enhanced the complexity of the key for password encryption in the web console login process.
- Encrypts sensitive information in exported configuration file.
- Enhanced the display of auto detection results in MODBUS transparent mode.

Bugs Fixed

- Firmware version check problem when upgrading firmware for MGate MB3660I-16-2AC, MB3660-8-J-2AC, and MB3660-16-J-2AC.
- Modbus RTU communication would fail if FIFO was disabled.
- The FIFO setting would not be activated after clicking the “Submit” button.
- Stack-based buffer overflow issue in web console which may cause web service corruption.
- Challenge ID generation problem which may cause web console login failure.

Changes

N/A

Notes

N/A



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|-----------------------------------|------------------------------|
| Version: v2.1 | Build: Build_17081110 |
| Release Date: Nov 24, 2017 | |

Applicable Products

MGate MB3660-8-J-2AC, MGate MB3660I-16-2AC, MGate MB3660-16-J-2AC, MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

- Supports MGate MB3660I-16-2AC, MGate MB3660-8-J-2AC, MGate MB3660-16-J-2AC models.

Enhancements

- Improved security of the TCP sequence number.
- Improved beeper behavior in DHCP mode.

Bugs Fixed

- Modbus RTU diagnose error in agent mode.
- Initial error relay state when powered on.

Changes

N/A

Notes

N/A



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|--------------------------|------------------------------|
| Version: v2.0 | Build: Build 17060710 |
| Release Date: N/A | |

Applicable Products

MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

- Supports Auto Device Routing in Modbus transparent mode.
- Supports Modbus TCP traffic logs.

Enhancements

- The Modbus master in agent mode supports up to 256 commands for each serial port.
- Supports multi-master in "routing by IP address" and "routing by TCP port" modes.
- Supports sorting of commands in the I/O mapping page.
- Supports auto internal memory assign in the command page.
- Supports Modbus slave ID 255 in transparent mode.

Bugs Fixed

- User password and SNMP community name may be exposed by a buffer overflow issue.

Changes

N/A

Notes

N/A



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|--------------------------|------------------------------|
| Version: v1.3 | Build: Build 16110313 |
| Release Date: N/A | |

Applicable Products

MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Bug in Modbus Master mode which may cause the MGate to reboot under some conditions.

Changes

N/A

Notes

N/A



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|--------------------------|------------------------------|
| Version: v1.2 | Build: Build 16071210 |
| Release Date: N/A | |

Applicable Products

MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Initial delay issue which would stop Modbus communication.

Changes

N/A

Notes

N/A



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|--------------------------|------------------------------|
| Version: v1.1 | Build: Build 16042918 |
| Release Date: N/A | |

Applicable Products

MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Fix the algorithm which may cause Modbus transparent mode to stop communication.
- Serial port 13 interface initialization problem.
- Modbus traffic exceptions in the serial port are not handled well, which might cause the serial port to stop transmitting data.
- When the "Read memory address" is greater or equal to 8192 for the "01 - Read Coils" or "02 - Read Discrete Inputs" functions, data will be written to the wrong internal memory address.

Changes

N/A

Notes

N/A



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|--------------------------|------------------------------|
| Version: v1.0 | Build: Build 15090716 |
| Release Date: N/A | |

Applicable Products

MGate MB3660-8-2AC, MGate MB3660-8-2DC, MGate MB3660I-8-2AC, MGate MB3660-16-2AC, MGate MB3660-16-2DC

Supported Operating Systems

N/A

New Features

- First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A