



## Firmware for MGate MB3660 Series Release Notes

<b>Version: v2.3</b>	<b>Build: Build 18113012</b>
<b>Release Date: Jan 16, 2019</b>	

### Applicable Products

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, MGate MB3660-8-J-2AC

### 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



<b>Version: v2.2</b>	<b>Build: Build_18030817</b>
<b>Release Date: N/A</b>	

### **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



<b>Version: v2.1</b>	<b>Build: Build_17081110</b>
<b>Release Date: Nov 24, 2017</b>	

### **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



<b>Version: v2.0</b>	<b>Build: Build 17060710</b>
<b>Release Date: N/A</b>	

### **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



<b>Version: v1.3</b>	<b>Build: Build 16110313</b>
<b>Release Date: N/A</b>	

**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



<b>Version: v1.2</b>	<b>Build: Build 16071210</b>
<b>Release Date: N/A</b>	

**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



<b>Version: v1.1</b>	<b>Build: Build 16042918</b>
<b>Release Date: N/A</b>	

### **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



<b>Version: v1.0</b>	<b>Build: Build 15090716</b>
<b>Release Date: N/A</b>	

**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