



## Firmware for MGate 5101-PBM-MN Series Release Notes

<b>Version: v2.0</b>	<b>Build: Build 18012622</b>
<b>Release Date: Mar 21, 2018</b>	

### Applicable Products

MGate 5101-PBM-MN, MGate 5101-PBM-MN-T

### Supported Operating Systems

N/A

### New Features

N/A

### Enhancements

- Supports security features based on IEC-62443.
- Supports Modbus fault protection function.
- Simplified telnet/ssh/serial console settings.
- Accessible IP List supports denying Web/Telnet/SSH console access.

### Bugs Fixed

- Issue importing SIE180BB.GSD (Siemens SIMEAS P).
- Issue parsing user parameters with WAGO 750-303.

### Changes

N/A

### Notes

N/A



<b>Version: v1.2</b>	<b>Build: Build 16070415</b>
<b>Release Date: Sep 09, 2016</b>	

### **Applicable Products**

MGate 5101-PBM-MN, MGate 5101-PBM-MN-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Supports Name/Contact/Location settings for MXconfig.
- Supports PROFIBUS module names over 32 characters long. MGate 5101-PBM-MN will truncate the displayed module name when its length is over the 32-character limitation specified by the PROFIBUS GSD specification.
- Changed the PROFIBUS Watchdog default value to 600 ms for baudrate of 500 kbit/sec or above.
- HTTPS server only supports TLSv1.0 to protect against DROWN attacks.
- Patched glibc to protect against GHOST vulnerability.

### **Bugs Fixed**

- Could not import too many GSD files or GSD files that were too large. (Note: If downgrading firmware to v1.1, imported GSD files will be lost).
- MGate can not communicate with some specific PROFIBUS slave devices due to only support portion of user parameters of device.
- Returned the wrong IP/netmask/gateway when SNMP read private MIB under DHCP mode.
- MGate 5101-PBM-MN could not communicate with some specific PROFIBUS slave devices due to incorrect parsing of a module's user parameter data.
- MGate 5101-PBM-MN could not communicate with ABB M102 slave (with ABB\_08DD.gsd).
- In Modbus TCP Master mode, sending write command using data change trigger mode will terminate the communication link.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v1.1</b>	<b>Build: Build 13073014</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

MGate 5101-PBM-MN, MGate 5101-PBM-MN-T

### **Supported Operating Systems**

N/A

### **New Features**

- Certified by PI (PROFIBUS & PROFINET International).
- Supports Modbus and PROFIBUS configuration via web console.
- Supports "23 Read/Write Multiple Registers" command for Modbus.
- Supports SNMP and LLDP protocol.
- Supports SNMP trap and E-mail alert functions. (Use MGate Manager v1.9 or later to configure these new functions.)

### **Enhancements**

N/A

### **Bugs Fixed**

- MGate sometimes does not sync data between internal memory and PROFIBUS slaves during system startup.
- MGate could not communicate with devices on other subnets.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v1.0</b>	<b>Build: Build 12081716</b>
<b>Release Date: N/A</b>	

**Applicable Products**

MGate 5101-PBM-MN, MGate 5101-PBM-MN-T

**Supported Operating Systems**

N/A

**New Features**

- First release.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A