Firmware for MGate 5101-PBM-MN Series Release Notes

<table>
<thead>
<tr>
<th>Version: v2.0</th>
<th>Build:  Build 18012622</th>
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<td>Release Date: Mar 21, 2018</td>
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**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
### 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
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
### 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