

## Software Name: Firmware for MGate 5102-PBM-PN Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.0	Build 18012622	N/A	MGate 5102-PBM-PN, MGate 5102-PBM-PN-T	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>1. Supports security features based on IEC-62443.</li> <li>2. Simplified telnet/ssh/serial console settings.</li> <li>3. Accessible IP List supports denying Web/Telnet/SSH console access.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>1. Issue importing SIE180BB.GSD (Siemens SIMEAS P).</li> <li>2. Issue parsing user parameters with WAGO 750-303.</li> <li>3. Incorrect topology display due to forwarding LLDP frames to another LAN port.</li> </ol> <p><b>Changes:</b> N/A</p>	N/A
v1.3	Build 16070411	N/A	MGate 5102-PBM-PN, MGate 5102-PBM-PN-T	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>1. Supports Name/Contact/Location settings for MXconfig.</li> <li>2. Supports PROFIBUS module names over 32 characters long. MGate 5102-PBM-PN will truncate the displayed module name when its length is over the 32-character limitation specified by the PROFIBUS GSD specification.</li> <li>3. Changed the PROFIBUS Watchdog default value to 600 ms for baudrates of 500 kbit/sec or higher.</li> <li>4. HTTPS web server only supports TLSv1.0 to protect against DROWN attacks.</li> <li>5. Patched glibc to protect against GHOST vulnerability.</li> <li>6. The version of the exported GSDML file was updated to version 2.2.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>1. MGate could not communicate with some specific PROFIBUS slave devices due to only supporting a portion of the device's user parameters.</li> <li>2. Returned the wrong IP/netmask/gateway when SNMP read private MIB under DHCP mode.</li> <li>3. MGate 5102-PBM-PN could not communicate with some specific PROFIBUS slave devices due to incorrect parsing of a module's user parameter data.</li> <li>4. MGate 5102-PBM-PN could not communicate with ABB M102 slave (with ABB_08DD.gsd.)</li> </ol> <p><b>Changes:</b> N/A</p>	N/A

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Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v1.2	Build 13083010	N/A	MGate 5102-PBM-PN, MGate 5102-PBM-PN-T	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>1. Supports "DCP-Signal" function.</li> <li>2. Passed PROFINET certification.</li> <li>3. Modified LLDP transmit interval to 5 seconds with TTL value 20.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>1. Cyclic I/O data error when the input and out slot are configured as interlaced.</li> <li>2. Return status of the second AR connection was not correct.</li> <li>3. PROFIBUS module handling of SLAVE_INPUTS_CHANGED event.</li> </ol> <p><b>Changes:</b> N/A</p>	N/A
v1.1	Build 13031216	N/A	MGate 5102-PBM-PN, MGate 5102-PBM-PN-T	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>1. Shows full model name in the header after logging in to the telnet/serial console.</li> </ol>	<p><b>Bugs Fixed:</b> N/A</p> <p><b>Changes:</b> N/A</p>	N/A
v1.0	Build 13020716	N/A	MGate 5102-PBM-PN, MGate 5102-PBM-PN-T	<p><b>New Features:</b></p> <ol style="list-style-type: none"> <li>1. First release.</li> </ol> <p><b>Enhancements:</b> N/A</p>	<p><b>Bugs Fixed:</b> N/A</p> <p><b>Changes:</b> N/A</p>	N/A