



MGate Manager for MGate Series Release Notes

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| Version: v1.15 | Build: Build 18111915 |
| Release Date: Dec 24, 2018 | |

Applicable Products

MGate MB3170-S-SC, MGate MB3170I-M-SC, MGate MB3170I-S-SC, MGate MB3170-M-SC-T, MGate MB3170-M-ST-T, MGate MB3170-S-SC-T, MGate MB3170I-M-SC-T, MGate MB3170I-S-SC-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T, MGate 4101-MB-PBS, MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate MB3170-M-SC, MGate MB3170-M-ST

Supported Operating Systems

Windows 10, Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Vista, Windows XP

New Features

- Added username login function for MGate MB3000 Series, MGate 5101-PBM-MN, MGate 5102-PBM-PN, and MGate 5105-MB-EIP.

Enhancements

- Supports cybersecurity features for the MGate MB3000 Series.

Bugs Fixed

- User parameter in GSD file PXC_06CC.gsd are incorrectly parsed for MGate 5101-PBM-MN/5102-PBM-PN.
- User parameter in GSD file si04806a.gsd are incorrectly parsed for MGate 5101-PBM-MN/5102-PBM-PN.
- GSD management failed to add SE100E2E.GSD for MGate 5101-PBM-MN/5102-PBM-PN.

Changes

N/A

Notes

N/A



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| Version: v1.14 | Build: Build 17110213 |
| Release Date: N/A | |

Applicable Products

MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate MB3170-M-SC, MGate MB3170-M-ST, MGate MB3170-S-SC, MGate MB3170I-M-SC, MGate MB3170I-S-SC, MGate MB3170-M-SC-T, MGate MB3170-M-ST-T, MGate MB3170-S-SC-T, MGate MB3170I-M-SC-T, MGate MB3170I-S-SC-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T

Supported Operating Systems

Windows 10, Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Vista, Windows XP

New Features

- Supports Modbus fault protection function for MGate 5101-PBM-MN and MGate 5105-MB-EIP.
- Supports EtherNet/IP fault protection function for MGate 5105-MB-EIP.
- Supports accessible IP for MGate 5102-PBM-PN.

Enhancements

- Supports cybersecurity features for MGate 5101-PBM-MN, MGate 5102-PBM-PN, and MGate 5105-MB-EIP.
- Added EtherNet/IP encapsulation inactivity timeout and configuration instance settings for MGate 5105-MB-EIP.

Bugs Fixed

- MB3270 cannot be configured in high-latency network environments.

Changes

N/A

Notes

N/A



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| Version: v1.13 | Build: Build 17041311 |
| Release Date: Apr 25, 2017 | |

Applicable Products

MGate MB3280, MGate MB3180, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate MB3170-M-SC, MGate MB3170-M-ST, MGate MB3170-S-SC, MGate MB3170I-M-SC, MGate MB3170I-S-SC, MGate MB3170-M-SC-T, MGate MB3170-M-ST-T, MGate MB3170-S-SC-T, MGate MB3170I-M-SC-T, MGate MB3170I-S-SC-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T

Supported Operating Systems

Windows 10, Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Vista, Windows XP

New Features

- Supports auto device routing for MGate MB3270, MB3280, and MB3480 Series.

Enhancements

- MGate 5101-PBM-MN / 5102-PBM-PN cannot communicate with WAGO 750-303 due to incorrect parsing.
- Supports EIP3000 Forward open connection path.

Bugs Fixed

- MGate 5101-PBM-MN/5102-PBM-PN cannot add SIE180BB.GSD (for Siemens SIMEAS P).
- MGate 5101-PBM-MN/5102-PBM-PN cannot remove GSD file with read-only attribute.
- MGate 5105-MB-EIP cannot be configured for some version.

Changes

N/A

Notes

N/A



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| Version: v1.12 | Build: Build 16040710 |
| Release Date: N/A | |

Applicable Products

MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate MB3170-M-SC, MGate MB3170-M-ST, MGate MB3170-S-SC, MGate MB3170I-M-SC, MGate MB3170I-S-SC, MGate MB3170-M-SC-T, MGate MB3170-M-ST-T, MGate MB3170-S-SC-T, MGate MB3170I-M-SC-T, MGate MB3170I-S-SC-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T

Supported Operating Systems

Windows 10, Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Vista, Windows XP

New Features

- Supports Windows 10.
- MGate 4101 Modbus Fault Protection setting.

Enhancements

- Modified the MG4101 I/O mapping page, dynamic GSD export, and I/O data view.
- Supports MB3180 Web Console.
- Added MB3000 Modbus TCP listen port setting.
- Multi-language support.

Bugs Fixed

- MGate manager does not modify broadcast IP after changing IP and netmask settings for MGate 5101/5102/5105 devices.
- Updated the PNIO version of MGate 5102 GSDML.

Changes

N/A

Notes

N/A



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| Version: v1.11 | Build: Build 14122210 |
| Release Date: N/A | |

Applicable Products

MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate MB3170-M-SC, MGate MB3170-M-ST, MGate MB3170-S-SC, MGate MB3170I-M-SC, MGate MB3170I-S-SC, MGate MB3170-M-SC-T, MGate MB3170-M-ST-T, MGate MB3170-S-SC-T, MGate MB3170I-M-SC-T, MGate MB3170I-S-SC-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T

Supported Operating Systems

Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Vista, Windows XP

New Features

- Supports MGate MB3170-M-SC, MB3170-M-ST, MB3170-S-SC, MB3170I-M-SC, and MB3170I-S-SC.
- Supports Modbus routing by TCP port, IP address, and multi-range slave ID.
- Supports exporting MB3000 monitor log to CSV format.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



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| Version: v1.10 | Build: Build 14070416 |
| Release Date: N/A | |

Applicable Products

MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T

Supported Operating Systems

Windows 2000, Windows 7, Windows 8, Windows 8.1, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Vista, Windows XP

New Features

- Supports Windows 8.1, Windows Server 2012 R2.

Enhancements

- Supports PROFIBUS module names over 32 characters long. The displayed module name will be truncated when its length exceeds the 32-character limitation specified by the PROFIBUS GSD specification.

Bugs Fixed

- Modified the file extension of MB3000 offline configuration to "cfg".
- "Monitor" function of device will fail if the device address is translated (NAT) by a router.
- GSD Management cannot add a GSD file with long arguments.
- Allows Modbus command 06 with swap being set to "Byte".

Changes

N/A

Notes

N/A



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| Version: v1.1 | Build: Build 07041910 |
| Release Date: N/A | |

Applicable Products

MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T

Supported Operating Systems

Windows 2000, Windows 7, Windows 8, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Vista, Windows XP

New Features

- Configuration pages can now be accessed by double-clicking an MGate from the MGate list.
- Added a Group Box to separate mode and serial settings for each port.

Enhancements

- Language button and dialogs would always be displayed in English instead of the user-specified language.
- Auto setting file names during saving/loading files.
- Changed the message of "Modbus Tcp" to "Modbus TCP".
- Add devices to the device list by searching using the "Specify IP Search" option.
- Fewer error messages will be displayed when broadcast search occurs just after powering on an MGate that uses DHCP.

Bugs Fixed

- Wrong firmware version returned by dsc_GetKernelInfo of MGCI.
- Wrong tab order.
- Unlimited length for name of the MGate.
- Incorrect display of "Unlock" on the MGate device list.

Changes

N/A

Notes

N/A



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| Version: v1.0 | Build: Build 07032819 |
| Release Date: N/A | |

Applicable Products

MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I, MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, MGate 5101-PBM-MN, MGate 5101-PBM-MN-T, MGate 5105-MB-EIP, MGate 5105-MB-EIP-T, MGate 5102-PBM-PN, MGate 5102-PBM-PN-T, MGate EIP3170, MGate EIP3170I, MGate EIP3270, MGate EIP3270I, MGate EIP3170-T, MGate EIP3170I-T, MGate EIP3270-T, MGate 4101-MB-PBS, MGate 4101I-MB-PBS, MGate 4101-MB-PBS-T, MGate 4101I-MB-PBS-T

Supported Operating Systems

Windows 2000, Windows 7, Windows 8, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Vista, Windows XP

New Features

- First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A