



Firmware Release Note
ComServer / Modbus Gateway
IE-CS-MBGW-2TX-1COM (Article No. 2682600000)

Important note when using software tool “ComServer / Modbus Gateway Utility” for device search and installing a virtual COM-Port driver (Running service mode “Virtual COM” on device IE-CS-MBGW-2TX-1COM):

- Devices with firmware V3.02h cannot be used with “ComServer / Modbus Gateway Utility” because of not implemented communication protocol. Upgrade the device at least to firmware **V3.04 or higher** to work with “ComServer / Modbus Gateway Utility”.

Version 3.11

Release date: July 27, 2022

Feature enhancements / updates:

- Declaration for used Open Source Software added (GNU General Public License). New menu “GPL License” added.

Version 3.10

Release date: May 13, 2022

Feature enhancements / updates:

- Support of Modbus function code 43 (0x2B) (MEI Type 14 / 0x0E): Read Device Identification
- Service mode “Modbus TCP Master to Serial Slave Gateway”:
 - Parameter “Retries after Timeout” has been removed. Reason: The failure management (repeating the request) in case of getting no response from a RTU/ASCII slave has to be managed by the Modbus TCP Master.

Bug Fixes:

- Hardening of TCP communication stability related to Modbus TCP Master applications that continuously initiate a new TCP connection to the Modbus Gateway if the request to the serial slave fails. The Gateway did not close timely a TCP socket terminated by the Modbus TCP Master after a request failure which could lead to a TCP connection overflow.

Version 3.07

Release date: March 22, 2022

Feature enhancements / updates:

- Support of Modbus function code 17 (0x11): Report Slave ID (Serial Line only)
- Support of Modbus function code 23 (0x17): Read/Write Multiple registers
- Service mode “Modbus TCP Master to Serial Slave Gateway”:
 - Parameter “Alive Check” added for of TCP Server connection control.
 - New range of setting for parameter “Inactivity Timeout” (0 ~ 3600 seconds). If set to 0 (Factory default setting) the ComServer / Modbus Gateway never will terminate the TCP connection, except it will be terminated if Alive Check is activated and the check has failed.
- Optimization of data appearance of Modbus Traffic Monitor.

Bug Fixes:

- Modbus communication problem fixed when using a RS485 4-wire connection.
- Service mode “Modbus TCP Master to Serial Slave Gateway”:
 - Parameter “Max Retries” (Range 0 ~ 10) could not be set to 0. Note: “Max Retries” now renamed to “Retries after Timeout”.
- Event log messages could not be cleared in Monitoring/Diagnostics → System Event Log

Version 3.04

Release date: December 15, 2021

Feature enhancements / updates:

- Support of software tool “ComServer / Modbus Gateway Utility” for device search and installing a virtual COM-Port driver for mode “Virtual COM”.

Bug Fixes:

- Optimization of Web interface design.
- Fix of wrong display of parameter System Name (Bug showed model name).
- Blocked graphic elements in HTML help pages now will be displayed.

Version 3.02h

Release date: August 30, 2021

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- This is the initial firmware version!
 - **Important Note:** No support of software tool “ComServer / Modbus Gateway Utility”.