



## Version history for S7A Driver Version 8.10

Build	Release date	Notes:
107	11.03.2021	Fixed issues: <ul style="list-style-type: none"> <li>- Empty TIA Symbol browse tree when the TIA PLC name contained non-basic latin (language specific) characters.</li> <li>- OPC Array Items couldn't be defined.</li> </ul>
106	19.01.2021	Fixed issues: <ul style="list-style-type: none"> <li>- TIA symbol load failed when path and/or file name of TIA project contained space characters.</li> </ul> New features: <ul style="list-style-type: none"> <li>- Beside to the global simulation mode option now the driver supports simulation mode for particular devices. The device configuration dialog has been extended by a "Simulated" check box just below the "Enabled" check box. The global simulation flag supersedes the device-related simulation setting.</li> </ul>
105	04.01.2021	Fixed issues: <ul style="list-style-type: none"> <li>- Manual or automatic Block Write operation in a symbolic TIA channel could cause a crash of the driver background process.</li> </ul>
104	22.12.2020	New features: <ul style="list-style-type: none"> <li>- The symbol loading from TIA projects has been outsourced to worker processes. This significantly reduces the memory consumption of the S7ADRV process, especially when multiple very large TIA projects have to be loaded by the driver.</li> </ul>
103	20.10.2020	New features: <ul style="list-style-type: none"> <li>- Symbol load filter expression on TIA channel level allows to reduce the symbol load time and the memory consumption.</li> <li>- Phase parameter added to the data block's polling parameters.</li> </ul> Fixed issues: <ul style="list-style-type: none"> <li>- Memory leak in TIA channel</li> <li>- Reconnect to PLC after communication interruption infrequently failed.</li> <li>- Synchronous read from device via OPC interface returned invalid item status for the first item in a group when simulation mode was active.</li> <li>- Synchronous read of a string item via OPC failed when simulation mode was active.</li> <li>- After a time synchronization request to a PLC the clients (e.g. iFIX WSACTASK) cyclically (every 15 seconds) received invalid data values for a short time.</li> </ul>

102	03.06.2020	<p>New functions:</p> <ul style="list-style-type: none"> <li>- CIMPLICITY 11.0 support.</li> </ul> <p>Fixed issues:</p> <ul style="list-style-type: none"> <li>- Spurious virus signature in S7AUninstall program.</li> </ul>
101	09.02.2020	<p>New functions:</p> <ul style="list-style-type: none"> <li>- TIA V16 support.</li> <li>- iFIX 6.1 support.</li> <li>- The symbolic access to S7-1200/1500 now supports access timer per symbol. Till now a single access timer controlled the data block with all its symbols.</li> <li>- Collective read allows to read multiple symbolic data blocks with a single request to the PLC. This enhancement increases the communication performance in configurations with a large number of data blocks and a small number of selected symbols in the data blocks.</li> <li>- For symbolic TIA addresses now the device name prefix of the iFIX tag I/O address or OPC item Id can be extended by the data block name. In conjunction with the Auto Create mode this extension allows to auto-select a symbol (specified in the iFIX tag or OPC item) in a specific S7A data block.</li> </ul> <p>Fixed issues:</p> <ul style="list-style-type: none"> <li>- Type library error due to duplicate interface GUIDs in version 8.00 and 8.10.</li> <li>- During shutdown of the Power Tool a runtime error might occur in the Write2LogViewer Method.</li> </ul>
100	04.11.2019	<p>New functions:</p> <ul style="list-style-type: none"> <li>- Introduction of the license variant <b>S7A light</b>. This license has a limitation to 1 channel and 100 tags (iFIX blocks or OPC Items).</li> </ul>