

Certificate



No.: 968/FSP 1779.00/18

Product tested Diagnostic software test libraries **Certificate holder** Embedded Office GmbH & Co. KG
Friedrich-Ebert-Str. 20/1
88239 Wangen im Allgäu
Germany

Type designation Safety AddOns – Safety Timing and E2E – Protection Modules
as listed in the current revision list

Codes and standards ISO 26262 Parts 1-9:2011(excl. Part 5 IEC 61508 Parts 1-7:2010 (in extracts)
and Part 7) (in extracts)

Intended application The Safety AddOns for the μ C/OS II-MPU Real-Time Operating System of Embedded Office GmbH & Co. KG comply with the requirements of SC 3 acc. to IEC 61508, ASIL D (SEooC) acc. to ISO 26262.
The claimed diagnostic coverages of 90% (medium) for Program Flow Monitor / Time Budget Watchdog and 99% (high) for E2E protection for inter-task communication and the combination of Program Flow Monitor and Time Budget Watchdog can be confirmed.
The product was also reviewed in reference to the applicable requirements of EN 62304:2006 + Cor.: 2008 + A1:2015 Class C, applicable during a type examination and be used in applications as such.

Specific requirements For the use of the software the operating conditions and functional characteristics as specified in the Safety Manual and accompanying development documents provided by the manufacturer needs to be observed. The current versions of software are specified in the currently valid revision list. The list is released by the manufacturer in cooperation with the certification body.
The Software Risk Management Process required by EN 62304 is excluded from scope of the certification. These process activities need to be established by the user of the product while developing a medical device.

Valid until 2023-12-03

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1779.00/18 dated 2018-12-03.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
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Köln, 2018-12-03

Certification Body Safety & Security for Automation & Grid

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