

Certificate



Functional
Safety

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ID 060000000

No.: 968/FSP 2467.00/22

Product tested	Hypervisor	Certificate holder	Banma Network Technology Co., Ltd T4, Alibaba Center, Lane 1398, Shenchang Road, Shanghai 201107, P.R. China
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Type designation	AliOS Hypervisor for Safety Lite for released and approved versions refer to the "Revision List"		
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Codes and standards	ISO 26262-2:2018 ISO 26262-6:2018 ISO 26262-8:2018	ISO 26262-9:2018 IEC 61508-1:2010 IEC 61508-3:2010
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Intended application	The AliOS Hypervisor for Safety Lite complies with the requirements of the relevant standards (ASIL D according to ISO 26262 and SIL 3 / SC 3 according to IEC 61508), and can be used as a Safety Element out of Context (SEooC) in order to realize safety goals up to ASIL D according to ISO 26262, and can be used as a compliant item in applications up to SIL 3 according to IEC 61508.		
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Specific requirements	For the use of the AliOS Hypervisor for Safety Lite the operating conditions and functional characteristics as specified in the Safety Manual and the accompanying documents provided by the manufacturer need to be observed. The current versions of software are specified in the currently valid revision list, this is released by the manufacturer in cooperation with the Certification Body.		
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The issue of this certificate is based upon an evaluation in accordance with the Certification Programs CERT FSP1 V1.0:2017, CERT FSP2 V1.0:2017 in their actual version, whose results are documented in Report No. 968/FSP 2467.00/22 dated 2022-10-10. This certificate is valid only for products, which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
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Köln, 2022-10-10

Certification Body Safety & Security for Automation & Grid

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