Certificate of Conformity with European standards

for Components and Systems

Number of Certificate	*Valid from dd-mm-yyyy*	*Valid until dd-mm-yyyy*
EN-ST-000270	**28-07-2020**	**27-07-2024**

Subject matter of Certificate:

Alarm transmission equipment
IRIS-4 400, IRIS-4 420, IRIS-4 440

Owner of Certificate:

AddSecure AG
Bahnhofstrasse 30
CH-6300 ZUG

Basis for certification:

EN 50136-2:2013
EN 50131-10:2014
EN 54-21:2006

Use, the product disposes of the following parameters:

Intrusion and hold-up systems, Grade 3

The tests were carried out at VdS Schadenverhütung GmbH and the results are documented in ***test report:***

191022-AU01+STE01-PB01 dated 21-07-2020

To guarantee the permanent quality of products a regular surveillance of the manufacturing process is performed.

This certificate comprises ***4*** *pages and shall only be reproduced without any modifications and including all enclosures.*

VdS Schadenverhütung GmbH
Certification Body
Amsterdamer Str. 174
D-50735 Köln

A company of the German Insurance Association (GDV) accredited by DAkkS as certification body for fire protection and security products

DAkkS Deutsche Akkreditierungsstelle D-ZE-11149-01-01

Date: **28-07-2020**

Managing director *Head of certification body*

Enclosure 1 **Sheet 1**

To Certificate No.: EN-ST-000270 Date : 28-07-2020

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
IRIS-4 400, 420 and 440 SPTs in the variants descripted below equipped with the common features: – Software version V4.6.2 – USB connector for local PC configuration in combination with the IRIS Toolbox software – LCD with Touch functionality for local configuration – Socket for an optional expander board – 4 resistance supervised inputs – 4 relay outputs (electronical) – Serial interfaces (2x RS-232, 1x RS-485)	IRIS-4 EXT1 IRIS-4 EXT2 IRIS-4 EXT3		
Single path (SP5) variant with support for the following transmission paths: – GSM/GPRS (2G) – UMTS (3G) – LTE (4G)	IRIS-4 400 (In former times IRIS T400NG) Not available for IRIS T400NG		
Single path (SP6) variant with support for the following transmission path: – Ethernet (wired)	IRIS-4 420 (In former times IRIS T420NG)		

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The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
Dual path (DP4) variant with support for the following transmission paths: – GSM/GPRS (2G) – UMTS (3G) – LTE (4G) and – Ethernet (wired)	IRIS-4 440 (In former times IRIS T440NG) (In former times IRIS T440NG-4G)		
Options: – Expansion board with 12 additional resistance supervised inputs – Expansion board with 12 additional resistance supervised inputs and PSTN transmission path – Expansion board with 12 additional resistance supervised inputs and 3 relay outputs – Metal housing with antenna – Metal housing without antenna	IRIS-4 EXT1 (In former times IRIS EXT1) IRIS-4 EXT2 (In former times IRIS EXT2) IRIS-4 EXT3 T-NG-ENC2A T-NG-ENC2		

Enclosure 2 **Sheet 1**

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The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Installation Manual:			
– Manual	IRIS-4 Series Quick Installation & Maintenance Guide (PDK-11354-V.2.0)	09.03.2020	16
– Manual	IRIS-4 Series Expansion Board Quick Installation Guide	31.08.2018	4
– Manual	IRIS-4 Series EXT3 Expansion Board Quick Installation Guide	08.06.2020	4
– Manual	T-NG-ENC2 Quick Installation Guide	07/2020	4
Technical documents:			
– **IRIS-4 400**			
– Circuit diagram	IRIS-4 400, 2014-27, Rev. D	12.05.2018	12
– Bill of material	IRIS-4 400, Rev. D	13.05.2018	8
– Bill of material	IRIS-4 400 Packaging	15.08.2018	1
– Drawing	Label-NG-030A	15.08.2018	1
– Drawing	Label-NG-034	15.08.2018	1
– Drawing	Label-NG-001	15.01.2015	1
– Drawing	Carton-NG-010	15.08.2018	1
– **IRIS-4 420**			
– Circuit diagram	IRIS-4 420, 2014-27, Rev. D	12.05.2018	12
– Bill of material	IRIS-4 420, Rev. D	13.05.2018	8
– Bill of material	IRIS-4 420 Packaging	15.08.2018	1
– Drawing	Label-NG-030B	15.08.2018	1
– Drawing	Label-NG-034	15.08.2018	1

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The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
– Drawing	Label-NG-001	15.01.2015	1
– Drawing	Carton-NG-010	15.08.2018	1
– **IRIS-4 440**			
– Circuit diagram	IRIS-4 440, 2014-27, Rev. D	12.05.2018	12
– Bill of material	IRIS-4 440, Rev. D	13.05.2018	9
– Bill of material	IRIS-4 440 Packaging	15.08.2018	1
– Drawing	Label-NG-030C	15.08.2018	1
– Drawing	Label-NG-034	15.08.2018	1
– Drawing	Label-NG-001	15.01.2015	1
– Drawing	Carton-NG-010	15.08.2018	1
– **IRIS-4 all variants**			
– Assembly diagram	Assembly Top Layer Assembly Bottom Layer	12.05.2018	2
– PCB layout	Layout Printouts	04/2018	8
– PCB layout	Manufacturing Drawing	12.05.2018	1
– **IRIS-4 EXT1**			
– Circuit diagram	IRIS-4 EXT1, Revision: D	12.05.2018	4
– Bill of material	IRIS-4 EXT1, Revision: D	30.07.2018	2
– Bill of material	IRIS-4 EXT1 Packaging	15.08.2018	1
– Assembly diagram / PCB layout	Top Ident, Bottom Ident, Top Layer	KW10/2018	3
– Drawing	Label-NG-033A	15.03.2018	1

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The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
– **IRIS-4 EXT2**			
– Circuit diagram	IRIS-4 EXT2, Revision: D	12.05.2018	4
– Bill of material	IRIS-4 EXT2, Revision: D	30.07.2018	3
– Bill of material	IRIS-4 EXT2 Packaging	15.08.2018	1
– Assembly diagram / PCB layout	T4xxNG EXP, DRW: 2015-02 Assembly Top Layer	KW10/2018	3
– Drawing	Label-NG-033B	15.03.2018	1
– **IRIS-4 EXT3**			
– Circuit diagram	IRIS-4 EXT3 Revision B1	30.09.2019	4
– Bill of material	IRIS-4 EXT3 Revision B	31.10.2019	2
– Bill of material	IRIS-4 EXT3 Packaging	31.10.2019	1
– Assembly diagram / PCB layout	4xx-EXT3-B Top&Bottom Ident	30.09.2019	2
– Drawing	Label-NG-038	02.04.2019	1
– **T-NG-ENC2(A)**			
– Bill of material	PRP105	02/2019	1
– Drawing	Prototype 105/2019	30.04.2019	3
Datasheets:			
– Telit LE910EU2 (2G/3G/4G)	LE910 V Hardware User Guide, 1VV0301200, Rev. 9	15.05.2017	84
– Tamper switch	Series 19N Microswitch	06/2015	4

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Instructions for the application of the approval component/system (see enclosure 1):

1. The IRIS-4 400, 420 and 440 devices are not compatible with the VdS 2465 protocol.
2. No shielded cables shall be used between the CIE and the IRIS device.
3. If an existing Ethernet infrastructure is used as a transmission path for the IRIS devices, this path shall be higher prioritized.
4. The serial interconnection between the CIE and the IRIS device shall only be used in addition to the parallel interconnection (inputs/relays).
5. The configuration shall not be modified unilaterally from the RCT (SecureApps) after the initial setup.
6. No control commands shall be transmitted to the IRIS devices from the RCT.
7. The PSTN interface uses the ContactID protocol.
8. The PSTN interface is only compliant when used in combination with the Ethernet and/or Mobile radio interface connected to the IRIS SecureApps receiving software.
9. According to EN50136-2:2013 the devices are classified as follows:
   SP5 for IRIS-4 400, SP6 for IRIS-4 420 and DP4 for IRIS-4 440.