



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 | 28-08-2023 | 27-07-2024 |

Subject matter of Certificate:

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

Owner of Certificate:

AddSecure AB
Telefonvägen 26
126 26 Hägerstan, Stockholm, Sweden

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

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
221931-AU01+STE01-PB01 dated 15-08-2023 (IRIS-4 4xxG)
221931-AU01+STE01-PB02 dated 20-06-2023 (IRIS-4 4xxG EN54-21)

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

This certificate comprises **10** 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



Date: 28-08-2023

Managing director

Head of certification body

To Certificate No.: EN-ST-000270

Date : 28.08.2023

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) |
|--|--|------------------------------|--|
| <p>IRIS-4 400, 420 and 440 SPTs in the variants described below equipped with the common features:</p> <ul style="list-style-type: none"> - 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) - 1 Dial capture interface for analogue telephone line (PSTN) - Serial interfaces (2x RS-232, 1x RS-485) | <p>IRIS-4 EXT1 IRIS-4 EXT2 IRIS-4 EXT3</p> | | |
| <p>IRIS-4 400G, 420G and 440G SPTs in the variants described below equipped with the common features:</p> <ul style="list-style-type: none"> - Software version V4.16.1 Hardware version B01 - 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) - 1 Dial capture interface for analogue telephone line (PSTN) | <p>IRIS-4 EXT1 IRIS-4 EXT2 IRIS-4 EXT3</p> | | |

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| <ul style="list-style-type: none"> – Serial interfaces (2x RS-232, 1x RS-485) <p>Single path (SP5) variant with support for the following transmission paths:</p> <ul style="list-style-type: none"> – GSM/GPRS (2G) – UMTS (3G) – LTE (4G) <p>Single path (SP6) variant with support for the following transmission path:</p> <ul style="list-style-type: none"> – Ethernet (wired) <p>Dual path (DP4) variant with support for the following transmission paths:</p> <ul style="list-style-type: none"> – GSM/GPRS (2G) – UMTS (3G) – LTE (4G) <p>and</p> <ul style="list-style-type: none"> – Ethernet (wired) <p>Options:</p> <ul style="list-style-type: none"> – Expansion board with 12 additional resistance supervised inputs | <p>IRIS-4 400G IRIS-4 400 (In former times IRIS T400NG)</p> <p>Not available for IRIS T400NG</p> <p>IRIS-4 420G IRIS-4 420 (In former times IRIS T420NG)</p> <p>IRIS-4 440G IRIS-4 440 (In former times IRIS T440NG)</p> <p>(In former times IRIS T440NG-4G)</p> <p>IRIS-4 EXT1 (In former times IRIS EXT1)</p> | | |



Enclosure 1

Sheet 3

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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) |
|---|--|------------------------------|--|
| <ul style="list-style-type: none">– 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 EXT2 (In former times IRIS EXT2) IRIS-4 EXT3 T-NG-ENC2A T-NG-ENC2 | | |



Enclosure 2

Sheet 1

To Certificate No.: EN-ST-000270

Date : 28.08.2023

The approved component/system is described as follows:

| Type of document | Manufacturer's identification | Date | Number of Pages |
|----------------------|--|------------|-----------------|
| Installation Manual: | | | |
| – Manual | 2303_192_AddSecure_Quick-guide_IRIS-4 4 Series_ENG_print_pages.pdf | | |
| – Manual | 2301_190_AddSecure_Quick-guide_IRIS-4 4xxG_English_PRINT_v3.pdf | | |
| Technical documents: | | | |
| – IRIS-4 400 | | | |
| – Circuit diagram | IRIS-4 400 Schematics REV-D2.PDF | 12.11.2021 | 12 |
| – Bill of material | IRIS-4 400 BOM REV-D2.xlsx | 12.11.2021 | 8 |
| – Bill of material | IRIS-4 400 Packaging BOM 02-06-2023.xlsx | 02.06.2023 | 1 |
| – Drawing | Label-NG-030A | 23.10.2019 | 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 Schematics REV-D2.PDF | 12.11.2021 | 12 |
| – Bill of material | IRIS-4 420 BOM REV-D2.xlsx | 12.11.2021 | 8 |
| – Bill of material | IRIS-4 420 Packaging BOM 05-04-2023.xlsx | 02.06.2023 | 1 |
| – Drawing | Label-NG-030B | 23.10.2019 | 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 |

**Enclosure 2**

Sheet 2

To Certificate No.: EN-ST-000270

Date : 28.08.2023

The approved component/system is described as follows:

| Type of document | Manufacturer's identification | Date | Number of Pages |
|----------------------|--|------------|-----------------|
| – IRIS-4 440 | | | |
| – Circuit diagram | IRIS-4 440 Schematics REV-D2.PDF | 12.11.2021 | 12 |
| – Bill of material | IRIS-4 440 BOM REV-D2.xlsx | 12.11.2021 | 9 |
| – Bill of material | IRIS-4 440 Packaging BOM 02-06-2023.xlsx | 02.06.2023 | 1 |
| – Drawing | Label-NG-030C | 23.10.2019 | 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 400G | | | |
| – Circuit diagram | IRIS-4 400G, Schematics REV-B2.PDF | 11.01.2023 | 10 |
| – Bill of material | IRIS-4 400G, BOM REV-B2.xlsx | 12.01.2023 | 8 |
| – Bill of material | IRIS-4 400G, Packaging BOM 04-05-2023.xlsx | 25.08.2023 | 1 |
| – Drawing | LABEL-NG-101A v3.1 25-08-2023.pdf | 25.08.2023 | 1 |
| – Drawing | LABEL-NG-139 v1.1 25-08-2023.pdf | 25.08.2023 | 1 |
| – IRIS-4 420G | | | |
| – Circuit diagram | IRIS-4 420G, Schematics REV-B2.PDF | 11.01.2023 | 10 |
| – Bill of material | IRIS-4 420G, BOM REV-B2.xlsx | 12.01.2023 | 7 |
| – Bill of material | IRIS-4 420G, Packaging BOM 15-03-2023.xlsx | 25.08.2023 | 1 |
| – Drawing | LABEL-NG-101B v3.1 25-08-2023.pdf | 25.08.2023 | 1 |
| – Drawing | LABEL-NG-140 v1.1 25-08-2023.pdf | 25.08.2023 | 1 |
| – IRIS-4 440G | | | |
| – Circuit diagram | IRIS-4 440G Schematics REV-B2.PDF | 11.01.2023 | 10 |
| – Bill of material | IRIS-4 440G BOM REV-B2.xlsx | 12.01.2023 | 8 |



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| Type of document | Manufacturer's identification | Date | Number of Pages |
|-----------------------------------|---|------------|-----------------|
| – Bill of material | IRIS-4 440G Packaging BOM 13-03-2023.xlsx | 25.08.2023 | 1 |
| – Drawing | LABEL-NG-101C v3.1 25-08-2023.pdf | 25.08.2023 | 1 |
| – Drawing | LABEL-NG-141 v1.1 25-08-2023.pdf | 25.08.2023 | 1 |
| – IRIS-4 all 4xx 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 all 4xxG variants | | | |
| – Assembly diagram | Assembly Top Layer Assembly Bottom Layer 4xxG-B, DRW: 2022-06 | 27.07.2022 | 2 |
| – PCB layout | Layout Printouts 4xxG-B, DRW: 2022-06 | 27.07.2022 | 8 |
| – PCB layout | Manufacturing Drawing 4xxG-B, DRW: 2022-06 | 27.07.2022 | 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 BOM 07-12-2020.xlsx | 07.12.2020 | 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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Sheet 4

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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 BOM 07-12-2020.xlsx | 07.12.2020 | 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 4xx EXT3 Packaging BOM 07-12-2020.xlsx | 07.12.2020 | 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 |
| – Bill of material | T-NG-ENC2 Packaging BOM 17-11-2020.xlsx | 17.11.2020 | 1 |
| – Bill of material | T-NG-ENC2A Packaging BOM 17-11-2020.xlsx | 17.11.2020 | 1 |
| – Drawing | Prototype 105/2019 | 30.04.2019 | 3 |



Enclosure 2

Sheet 5

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The approved component/system is described as follows:

| Type of document | Manufacturer's identification | Date | Number of Pages |
|-----------------------------|--|------------|-----------------|
| Datasheets: | | | |
| – Telit LE910EU2 (2G/3G/4G) | LE910 V Hardware User Guide, 1VV0301200, Rev. 9 | 15.05.2017 | 84 |
| – Telit LE910C1-EU | LE910Cx Hardware Design Guide, 1VV0301298 Rev. 40 | 16.03.2023 | 149 |
| – Tamper switch | Series 19N Microswitch | 06/2015 | 4 |



Enclosure 3

Sheet 1

To Certificate No.: EN-ST-000270

Date : 28.08.2023

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

1. The existing control and indicating panel, where the IRIS-4 4xx(G) device is mounted, specifies the EN grade (2 - 4) of the complete alarm system.
2. The IRIS-4 4xx(G) devices are classified as Type Y or Type X if housings T-NG-ENC2(A) used.
3. The transmission path classification of the devices is as follows:
 - SP5 for IRIS-4 400(G) with 2G/3G/4G transmission path
 - SP6 for IRIS-4 420(G) with Ethernet transmission path
 - DP4 for IRIS-4 440(G) with 2G/3G/4G and Ethernet transmission path
4. The IRIS-4 4xx(G) devices doesn't support the VdS SecurIP transmission protocol.