CERTIFICAAT

# Process certificate
# K109545-02

**Issued** *2024-03-21*

**Replaces** *K109545-01*



## Alarm Transmission Service Provider (ATSP)

STATEMENT BY KIWA
With the issue of this process certificate based on certification scheme K21030/04 Alarm Transmission Systems (ATS) dated 2020-05-27, in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the process/service supplied by

## Carrier Fire & Security EMEA B.V.

continuously complies with the process requirements for scope(s):

☐ 1. ATSP for a Complete Alarm Transmission System - End to End;
☒ 2. ATSP for a Critical Alarm Transmission System - Not end to end;
☐ 3. ATSP for Verification of an Alarm Transmission System – End to end;
☐ 4. Support ATSP (Support Alarm Transmission System).

as mentioned in the certification scheme and further on this certificate.

Ron Scheepers
Kiwa

*This certificate consists of 4 pages.*
*Publication of this certificate is allowed.*
*Advice: consult www.kiwa.nl or www.kiwafss.nl in order to ensure that this certificate is still valid.*
*You can request more information about the scope and the applicable certification scheme from the certified company.*

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## Alarm Transmission Service Provider (ATSP)

**Scope explanation**

This ATSP is certified for scope 2 for a Critical Alarm Transmission System - Not end to end.

The ATS UttraSync as a product enables MARC's according to EN 50518 to monitor the ATS's in scope 3 within the responsibility of the MARC.

**Technical and organizational resources for Alarm Transmission Systems (ATS)**

For the delivery of the service complete alarm transmission, critical alarm transmission or alarm transmission verification within an alarm transmission system, the following resources are needed:

a) An approved and certified Supervised Premises Transceiver (SPT) according to EN50136-2;
b) An approved and certified Alarm transmission and fault warning routing according to EN 54-21 (In case of fire alarm systems);
c) An approved Receiving Centre Transceiver (RCT) according to EN50136-3 that is compatible with the Supervised Premises Transceiver including change management A network between the Supervised Premises Transceiver and Receiving Centre Transceiver as part of EN50136-1/A1;
d) A network between the Supervised Premises Transceiver and Receiving Centre Transceiver as part of EN50136-1/A1
e) A management organization that determines the performance the alarm transmission system and does the periodic reporting according to EN50136-1/A1 and, if necessary, directly communicates this with the (end)user;
f) A management organization which takes proactive corrective actions if the performance of the alarm transmission system is insufficient.

**Specific scopes according to the certification scheme:**

1. The Alarm Transmission Service Provider (ATSP) as supplier which delivers the equipment, network and tools for the end-to-end alarm transmission system (ATS). The ATSP is responsible for the end-to-end performance and compliance with the performance requirements. The ATSP shall report based on proactive actions and provide the service for a 'complete alarm transmission system'.
2. The Alarm Transmission Service Provider (ATSP) as supplier which delivers the alarm transmission network for critical transmission. The ATSP is responsible for the performance and compliance with performance requirements. The ATSP shall report based on proactive actions and provide the service for 'critical transmission'. This service is not end-to-end;
3. The Alarm Transmission Service Provider (ATSP) as supplier which delivers the Supervised Premises Transceiver and Receiving Centre Transceiver. The ATSP is responsible for the determination of performance of the alarm transmission. The ATSP shall report periodically to the (end)user and report directly if the performance of the alarm transmission system is not compliant. The ATSP provides the service 'alarm transmission verification'. This service is end-to-end;
4. The Support Alarm Transmission Service Provider (SATSP) as supplier which delivers support to the ATSP and can be the manufacturer of the certified SPT and the RCT. The SATSP provides the service 'secure support alarm transmission service provider'.

**Application and use**

The alarm transmission systems are to be used in conjunction with detection installations for fire according to EN54-1 and for intrusion according to EN50131-7 to ensure the life safety and / or security levels laid down in the basic design of these installations.

**Marking for this process**


**RECOMMENDATIONS FOR CUSTOMERS**

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product based on the above, please contact:
Carrier Fire & Security B.V. and, if necessary,

- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper methods.

## Alarm Transmission Service Provider (ATSP)

**Technical Approval**

**Components within this alarm transmission system**
**Configuration of the hosted Alarm Transmission System (ATS) UltraSync for Security Alarms**

| **Supervised premises transceiver** | **Category / Body / Certificate nr. / Date** | **Receiving centre transceiver Host** | **Receiving centre transceiver MARC's** |
|---|---|---|---|
| NXG-7002<br>Caddx<br>(xGenConnect communicator) | SP4<br>Kiwa<br>182350070/AA/00<br>16/12/2020 | UltraSync 8.2<br><br>Located at 2 servers within a secure location and 1 server in a second secure location with the protocols:<br><br>US = UtraSync<br><br>OH = Osborne-Hoffman<br><br>Maximum level is DP3. | UltraSync 8.2<br><br>Located at the several MARC's |
| NXG-7002-SIM<br>Caddx<br>(xGenConnect communicator) | SP4<br>Kiwa<br>182350070/AA/00<br>16/12/2020 | | |
| NXG-7102<br>Caddx<br>(xGenConnect communicator) | SP4<br>Kiwa<br>182350070/AA/00<br>16/12/2020 | | |
| NXG-7102-SIM<br>Caddx<br>(xGenConnect communicator) | SP4<br>Kiwa<br>182350070/AA/00<br>16/12/2020 | | |
| xGenConnect<br>Caddx<br>Panel | DP1/DP2/DP3<br>Kiwa<br>182350070/AA/00<br>16/12/2020 | | |
| UC-140<br>Aritech<br>UltraSync<br>Communicator | SP2<br>LPCB<br>1673A<br>27/02/2022 | | |
| UC-240<br>Aritech<br>UltraSync<br>Communicator | DP2/ DP3<br>LPCB<br>1673A<br>27/02/2022 | | |
| ATS7320<br>Aritech<br>ATS<br>Advanced communicator | SP2/SP3/SP4<br>DP3<br>VDS EN-ST-000219<br>9/2/2022 | | |
| ATS7340<br>Aritech<br>ATS Advanced communicator | SP3/SP4/SP5<br>DP2/DP3/DP4<br>INCERT<br>B-503-0094<br>21-12-2021 | | |
| Advisor Advanced<br>Aritech<br>Intrusion Control Panels | DP1/DP2/DP3<br>CNPP 1231100043A9<br>07/02/2022<br>VDS EN-ST-000219<br>9/2/2022 | | |
| Axon panels<br>Aritech<br>Axon Intrusion Control Panels | DP1/DP2/DP3<br>EN Kiwa cert.<br>222350062/AA/01<br>INCERT C-001-1649/A | | |

**According to EN 50136-1/A1 for the scope of Security Alarms**

## Alarm Transmission Service Provider (ATSP)

| **xGenConnect intrusion panels:** | **Advisor Advanced intrusion control panels:** | **Axon control control panels:** |
|---|---|---|
| xGenConnect Caddx<br>*communication module* | ATS4500-IP-LM<br>*communication module* | *ATS7340*<br>*communication module* |
| a. NXG-4 and their variants:<br>NXG-4-RF;<br>NXG-4-RF-Z;<br>NXG-4-BO;<br>NXG-4-RF-BO;<br>NXG-4-RF-Z-BO.<br><br>b. NXG-8 and their variants:<br>NXG-8-RF;<br>NXG-8-RF-Z;<br>NXG-8-BO;<br>NXG-8-RF-BO;<br>NXG-8-RF-Z-BO.<br><br>c. NXG-8E and their variants:<br>NXG-8E-CB;<br>NXG-8E-BO.<br><br>d. NXG-9 and their variants:<br>NXG-9-RF;<br>NXG-9-RF-Z;<br>NXG-9-BO;<br>NXG-9-RF-BO;<br>NXG-9-RF-Z-BO. | a. ATS1500A-IP-LP<br>b. ATS1500A-IP-LP<br>c. ATS1500A-IP-MM<br>d. ATS1500A-IP-SM<br>e. ATS1500A-LP<br>f. ATS1500A-MM<br>g. ATS1500A-SM<br>h. ATS3500A-IP-MM<br>i. ATS3500A-MM<br>j. ATS4500A-IP-LM<br>k. ATS4500A-IP-MM | a. ATS1700-MM - Axon control panel 32 zones - 4 areas - medium metal<br>b. ATS3700-MM - Axon control panel 256 zones - 16 areas medium metal<br>c. SDPRO-CP-2 - Control panel: MM housing, SDPRO-MBC-2, ATSx700-PSU |

**According to EN 50136-1/A1 for the scope of Security Alarms**

**Context of this product and service**

The Alarm Transmission System (ATS) as a product enables Monitoring & Alarm Receiving Centers (MARC's) according EN 50518 to perform the service of monitoring of the connections to the Alarm Systems of the supervised premises of their customers. The assessments prove that this is according to the requirements of the standard EN 50136-1. This should be used by the MARC operating as an ASTP in scope 3.

The ATS's from this ATSP functions in scope 2 within the responsibility of an ATSP. In this perspective is this between the hosted Receiving Centre Transceiver according to EN50136-3 and the Receiving Centre Transceiver of the connected MARC's are in control.

The goal of this service is to inform the end user of the alarm system by the connected MARC about eventual path failures (disconnections of the alarm transmission path(s)) enabling the end used to fix this in a timely manner within the limits of the standard. By doing so is the end user fulfilling the requirements of the insurance company or/and other interested parties.