CERTIFICATE

Process certificate
K93438/06

Issued *2025-01-09*

Replaces *K934838/05*

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

IG Telekommunikation und Sicherheit

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

633/200812

This certificate consists of 6 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.

Company	**Alarm Transmission System**	**Monitoring and Alarm Receiving Centre**
IG Telekommunikation und Sicherheit Alpenstrasse 20 3052 ZOLLIKOFEN Switzerland www.igtus.ch	Hosted network	Certas AG/SA EN 50518 certificate nr. K89529/ K109555 IG Telekommunikation und Sicherheit alarmOBSERVER Scheme K21048 certificate nr. K106272;

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Alarm Transmission Service Provider (ATSP)

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 EN 50136-2;
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 EN 50136-3 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 EN 50136-1/A1;
d) A network between the Supervised Premises Transceiver and Receiving Centre Transceiver as part of EN 50136-1/A1
e) A management organization that determines the performance the alarm transmission system and does the periodic reporting according to EN 50136-1/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:

- IG Telekommunikation und Sicherheit

and, if necessary,

- Kiwa Nederland B.V.

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

Alarm Transmission Service Provider (ATSP)

Part A - Configuration of the hosted Alarm Transmission System (ATS) alarmNET of TUS for Fire Alarms

SPT	Type 2	Type 1	RCT-Hi	RCT-Hii	RCT-A's
ipLINK4lte	DP1	DP4	ipZUM Located at 2 MARC's	alarmDispatcher aDi Located at 2 MARC's	LAN-I - Router Located at several ARC's
ipLINK4umts	DP1	DP4			
ipONElte	DP1	-			

According to EN54-21 for Fire Alarms

Type 1 in this Alarm Transmission System (ATS) for fire alarms has no dedicated path.
Both Type 1 and 2 have security controls implemented according to EN50136-1/A1.
The failure reporting within this ATS are handled by the Kiwa certified MC & ARC of Certas or the automated alarmOBSERVER.
The Data Centre of this MC & ARC & ATSP complies with the EN 50518 standards.
Within this ATS the organisation TUS as ATS Provider is audited and inspected for planning, installation, commissioning, service and operation of the ATS.
TUS provides the TUS TecTool for work on the SPT and as automatic process coordination. The TUS TecTool is hosted in an environment that complies with EN 50518.

Configuration of the hosted Alarm Transmission System (ATS) alarmNET of TUS for Security Alarms

SPT	Level	RCT-Hi	RCT-Hii	RCT-A's
ipLINK4lte	DP1/DP2/ DP3/ DP4	ipZUM Located at 2 MARC's	alarmDispatcher aDi Located at 2 MARC's	LAN-I - Router Located at the several ARC's
ipLINK4umts	DP1/DP2/ DP3/ DP4			
ipONElte	DP1/DP2/ DP3/ DP4			

According to EN50136-1 for Security Alarms

Type DP1 to 4 have security controls implemented according to EN50136-1/A1.
The failure reporting within this ATS are handled by the Kiwa certified MC & ARC of Certas or the automated alarmOBSERVER.
The Data Centre of this MC & ARC & ATSP complies with the EN 50518 standards.
Within this ATS the organisation TUS as ATS Provider is audited and inspected for planning, installation, commissioning, service and operation of the ATS.
TUS provides the TUS TecTool for work on the SPT and as automatic process coordination. The TUS TecTool is hosted in an environment that complies with EN 50518.

Clarifications

SPT = Supervised Premises Transceiver
RCT = Receiving Centre Transceiver
RCT-H = Hosted part of the RCT used in a hosted ATS solution
RCT-A = Part of the hosted RCT installed in the ARC, partner of the RCT-H
iRCT = Interface of the AMS tom the RCT
DP = Dual Path
MARC = Monitoring- and Alarm Receiver Centre certified by Kiwa according to the EN50518 standards.
ATS = Alarm Transmission System
ATSN = Alarm Transmission System Network
ATSP = Alarm Transmission Service Provider
AMS = Alarm Management System located at the MC & ARC.

Alarm Transmission Service Provider (ATSP)

Part B - Configuration of the hosted Alarm Transmission System (ATS) alarmNET of TUS for Fire Alarms

SPT	Type 2	Type 1	RCT-Hi	RCT-Hii	RCT-A's
ipEAGLElte	DP1	DP4	EagleEye Located at 2 MARC's	alarmDispatcher aDi Located at 2 MARC's	LAN-I - Router Located at several ARC's

According to EN54-21 for Fire Alarms

Type 1 in this Alarm Transmission System (ATS) for fire alarms has no dedicated path.
Both Type 1 and 2 have security controls implemented according to EN50136-1/A1.
The failure reporting within this ATS are handled by the Kiwa certified MC & ARC of Certas or the automated alarmOBSERVER.
The Data Centre of this MC & ARC & ATSP complies with the EN 50518 standards.
Within this ATS the organisation TUS as ATS Provider is audited and inspected for planning, installation, commissioning, service and operation of the ATS.
TUS provides the TUS TecTool for work on the SPT and as automatic process coordination. The TUS TecTool is hosted in an environment that complies with EN 50518.

Configuration of the hosted Alarm Transmission System (ATS) alarmNET of TUS for Security Alarms

SPT	Level	RCT-Hi	RCT-Hii	RCT-A's
ipEAGLElte	DP1/DP2/DP3/DP4	EagleEye Located at 2 MARC's	alarmDispatcher aDi Located at 2 MARC's	LAN-I - Router Located at the several ARC's

According to EN50136-1 for Security Alarms

Type DP1 to 4 have security controls implemented according to EN50136-1/A1.
The failure reporting within this ATS are handled by the Kiwa certified MC & ARC of Certas or the automated alarmOBSERVER.
The Data Centre of this MC & ARC & ATSP complies with the EN 50518 standards.
Within this ATS the organisation TUS as ATS Provider is audited and inspected for planning, installation, commissioning, service and operation of the ATS.
TUS provides the TUS TecTool for work on the SPT and as automatic process coordination. The TUS TecTool is hosted in an environment that complies with EN 50518.

Clarifications

SPT = Supervised Premises Transceiver
RCT = Receiving Centre Transceiver
RCT-H = Hosted part of the RCT used in a hosted ATS solution
RCT-A = Part of the hosted RCT installed in the ARC, partner of the RCT-H
iRCT = Interface of the AMS tom the RCT
DP = Dual Path
MARC = Monitoring- and Alarm Receiver Centre certified by Kiwa according to the EN50518 standards.
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ATSP = Alarm Transmission Service Provider
AMS = Alarm Management System located at the MC & ARC.

Alarm Transmission Service Provider (ATSP)

Part C - Configuration of the hosted Alarm Transmission System (ATS) alarmNET of TUS for Fire Alarms & Security Alarms

The alarmOBSERVER is a smart remote monitoring tool for alarm transmission systems (ATS).
The alarmOBSERVER has a secure connection according to scheme K21048 “Secure Remote Access of Alarm Systems for Remote Services / handling” with the alarm management system (AMS) at the monitoring centre (MC) of the alarm transmission system. The access rights of the tool are according to the requirements in the standard EN 50136-1/A1.
The tool is to be used for automatic communication between the user of the alarm transmission system and the monitoring centre according to the standard EN 50518.
The tools informs the user about status of their alarm transmission system and enables the acknowledgement by the user of the alarm transmission system in the case of a reported malfunction.
The tool and the process is supervised by the monitoring centre of the ATS Provider.
The tool helps to define which of your employees will be notified in what way and in the event of a malfunction of the alarm transmission system.
The alarmOBSERVER tool is part of the alarmNET and functions on the AIN – platform enabling mobile- and web application.

Infrastructure:

1. alarmVPN that is only used for fire detection systems and intrusion and holdup systems with the customers Siemens and Securiton being the installers for the mentioned systems. alarmVPN is a product / service that enables these installers to have a secure remote connection and access to the mentioned systems. This network is certified by Kiwa according to scheme K21030 (EN 50136-1/A1);
2. alarmObserver is the automatic Monitoring Centre for the Alarm Transmission Service Provider and has an direct communication with the end customer of the Supervised Premises Transceiver (EN 50136-2) / Alarm transmission and fault warning routing equipment for Fire detection and fire alarm systems (EN 54-21): It also allows a direct change of the contact persons at the customer part of the Alarm Transmission System. It works with notification platform AIN (Automatic Intelligent Notification).
3. TecTool: TUS provides the TUS TecTool for work on the SPT and as automatic process coordination in accordance with EN 50136-1/A1 and part of this certificate. The TUS TecTool is hosted in an environment that complies with EN 50518.

Clarifications

SPT = Supervised Premises Transceiver
RCT = Receiving Centre Transceiver
RCT-H = Hosted part of the RCT used in a hosted ATS solution
RCT-A = Part of the hosted RCT installed in the ARC, partner of the RCT-H
iRCT = Interface of the AMS tom the RCT
DP = Dual Path
MARC = Monitoring- and Alarm Receiver Centre certified by Kiwa according to the EN50518 standards.
ATS = Alarm Transmission System
ATSN = Alarm Transmission System Network
ATSP = Alarm Transmission Service Provider
AMS = Alarm Management System located at the MC & ARC.

Alarm Transmission Service Provider (ATSP)

Part D - Configuration of the hosted Alarm Transmission System (ATS) alarmNET of TUS for Fire Alarms & Security Alarms

The alarmDispatcher aDi is a virtual Receiving Centre Transceiver (RCT) in the hosted Alarm Transmission System (ATS) alarmNET of IG Telekommunikation und Sicherheit and complies with EN 50136-3: “Alarm systems - Alarm transmission systems and equipment - Part 3: Requirements for Receiving Centre Transceiver (RCT)”.
The security, the functions, the access rights of the RCT and the interface (iRCT) with the alarm management system (AMS) of the operational Monitoring- and Alarm Receiver Centre (MARC) have been part of assessment and are according to the requirements in the standard EN 50136-1/A1.

Infrastructure:
The alarmDispatcher aDi arranges the alarm transmission from RCT-H’s to the several RCT-A’s at the MARC’s

Clarifications

SPT = Supervised Premises Transceiver
RCT = Receiving Centre Transceiver
RCT-H = Hosted part of the RCT used in a hosted ATS solution
RCT-A = Part of the hosted RCT installed in the ARC, partner of the RCT-H
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