



Object declaration of conformity K93438A2020

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Verification of Performance for an Alarm Transmission System

STATEMENT BY KIWA

With the product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products / services supplied by

TUS - Telekommunikation und Sicherheit

as specified in the certificate K93438 and marked with the Kiwa®-mark in the manner as indicated in this certificate may, on delivery, be relied upon to comply with Kiwa certification scheme K21030/04 "Alarm Transmission Systems (ATS)".

CONFORMITY STATEMENT BY TUS

Delivery of the equipment and tools for the end-to-end alarm transmission system comply with EN54-21; 2006 "Fire detection and fire alarm systems - Part 21: Alarm transmission and fault warning routing equipment", type 1 and 2.

Having the responsibility for the end-to-end performance for the compliance with the performance requirements and reporting according with EN50136-1 / A1; 2012 / 2018 "Alarm systems - Alarm transmission systems and equipment - Part 1: General requirements for alarm transmission systems". The proactive actions comply with scheme K21030. TUS provides the services "alarm communication system" for the following Alarm Transmission System Network (ATSN): **alarmNET**

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

DECLARATION

508170301

Kiwa Nederland B.V.
Certification Fire Safety & Security
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5301 KT Zaltbommel
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ATS Network performance
Scope 3 between
SPT and RCT-H
Scope 2 between
RCT-H and RCT-A

MC
Monitoring Alarm Receiving Centre
Certas AG Swiss
Certificate number Kiwa K89529

alarmOBSERVER TUS-
Telekommunikation und Sicherheit
Certificate number Kiwa
K93438C2020

Verification of Performance for an Alarm Transmission System

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 MC	alarmDispatcher aDi	LAN-I - Router
ipLINK4umts	DP1	DP4		Located at MC	
ipONElte	DP1	-		ARC-router OpenTAS Located at TIER4 Data Center	Located at several hosted ARC's
ipLINK3gprs	DP1	DP4			

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 EN50518 standards.

Within this ATS the organisation TUS as ATS Provider is audited and inspected for planning, installation, commissioning, service and operation of the ATS.

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

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ipLINK3gprs	DP1/DP2/ DP3/ DP4			

According to EN50136-1 for Security Alarms

Type DP1 to 4 have security controls implemented according to EN50136-1/A1.

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Within this ATS the organisation TUS as ATS Provider is audited and inspected for planning, installation, commissioning, service and operation of the ATS.

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

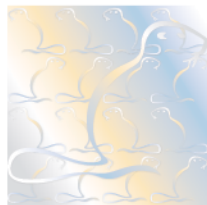
MARC = Monitoring- and Alarm Receiver Centre certified by Kiwa according to the EN50518 standards.

ATS = Alarm Transmission System

ATSN = Alarm Transmission System Network

ATSP = Alarm Transmission Service Provider

AMS = Alarm Management System located at the MC & ARC.



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