

K21030 Alarm Transmission Systems



The origin of this certification scheme is a market demand to organize the alarm transmission systems (ATS) according to quality standards based on agreed, measurable requirements.

Certification scheme K21030 is made to clarify in which way a declaration of conformity is established regarding the performance-, reliability-, resilience-, and security requirements of the assessed alarm transmission system (ATS). For both movable and immovable property (e.g. construction sites, mobile security, track and trace).

The K21030 Alarm Transmission Systems is divided in four scopes:

Scope 1	Scope 2	Scope 3	Scope 4
Alarm Transmission Service Provider (ATSP)	Alarm Transmission Service Provider (ATSP)	Alarm Transmission Service Provider (ATSP)	Support Alarm Transmission Service Provider (SATSP)
Complete ATS	Critical ATS	Verification ATS	Support ATS
<i>End-to-End</i>	<i>Not end-to-end</i>	<i>End-to-end</i>	<i>N/A</i>

The alarm transmission system (ATS) consists of components and network(s) under control of an Alarm Transmission Service Provider (ATSP). This certification scheme is based on European Standards such as EN 50136, EN 54-21 and EN 50518.

The standard 'EN 50136-1 "Alarm systems - Alarm transmission systems and equipment' describes the performance requirements for various alarm transmission system components and features. Requirements are also set for the equipment that is necessary for this. You could think of equipment such as the transmitter, receiver, the service provider who receives the alarm, etc. The relevant standard does not prescribe any specific technique, but outlines performance requirements for the alarm transmission system. The supplier must demonstrate compliance with these requirements.

For whom?

Primary: Alarm Transmission Service Providers, Monitoring Centres, Alarm Receiving Centres, installers, suppliers and manufacturers.

Secondary: Fire department, police, other emergency services, assurance companies, companies with critical infrastructural processes.

Process steps

The K21030 Alarm Transmission Systems contains requirements that the Alarm Transmission System must meet, as well as the assessment methods to determine that the requirements are met. In addition, requirements have been set for the quality system.

Certification process

Certification according to K21030 starts with an application where you specify which scopes you would like to be certified. Based on this application you will receive a fee proposal. You can enter into a certification agreement with Kiwa based on this fee proposal. Kiwa assesses whether the criteria for certification are met based on an independent acceptance audit. Certification will follow upon a positive audit outcome. However, if non-compliances are identified, you shall rectify these first.

After the initial certification, annual inspections are conducted to establish that the certified processes and completed works continue to comply with the requirements.

Why Kiwa Fire Safety Security (FSS) Certification?

Kiwa Fire Safety Security (FSS) Certification is a leading certification body for the certification (accreditation) of fire protection and security companies.

Kiwa FSS Certification is an independent Certification Body that determines whether a company meets the quality requirements. A Kiwa FSS Certification certificate provides the occupant with a well-founded confidence in the quality of the certified company and its services, such as testing, commissioning and maintaining systems.