

K21049-01 Integrated Security Alarm Solutions



K21049 Integrated Security Alarm Solutions is the assessment scheme for testing, inspection and certification of integrated alarm security systems. Nowadays, security companies increasingly install and combine multiple types of alarm systems in one security solution. This scheme therefore focuses on the integration of the various systems in a building. The structure of this scheme ensures a seamless connection of assessments between the various sub-areas.

The objective of the K21049 scheme is to improve safety and security through uniform application of the relevant international standards related to integrated security alarm systems. The scheme's structure ensures a seamless connection of assessments between the subareas. This process reflects the elements and scope of the alarm chain as described in EN 50518.

For whom is this scheme applicable?

This scheme is applicable for:

- Suppliers of high-end/high-risk security solutions, providing full system integrations across all security solutions available on the market.
- End users who want to have independently demonstrated that the security systems supplied are in line with their business risks and the starting point document or tender application.
- Insurers who require a custom solution for acceptance of high-risk (high value) customers or locations.

Internationally applicable

The K21049 Integrated Security Alarm Solutions is internationally applicable. When additional requirements - such as: qualifications of employees - are set in countries, these requirements are included as a supplement in the assessment process.

Modular set-up

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This scheme has a modular set-up for integrated alarm systems based on international standards. This structure enables manufacturers and suppliers to certify for one or more activities (production, design, installation and/or maintenance) for one or more types of systems. Based on this scheme, the following specific scopes are possible

- A. Burglary and Hold Up Alarm Systems (B&HAS);
- B. Video Surveillance Systems (VSS);
- C. Alarm Transmission Systems (ATS);
- D. Electronic Access Control Systems (EACS);
- E. Intrusion Detection Systems for ICT (IDPS);
- F. Social Alarm Systems (SAS);
- G. Fire Detection and Evacuation Systems (FD&ES);
- H. Gas Detection Systems (GDS).

The activities for which a manufacturer and/or system integrator can obtain a quality declaration per system are:

- Manufacturing (at component level);
- Design and installation;
- Maintenance.

In order to demonstrate to the client that the installation meets the requirements set out in the basic principles document, it is possible to have an inspection carried out on the basis of this scheme by Kiwa NCP, as an independent accredited body. Conformity is examined here, and in the event of a positive assessment, a declaration of conformity will be issued.

Process steps

This international Testing, Inspection and Certification scheme includes all relevant requirements which are employed by Kiwa when dealing with applications to issue and for the maintenance of a certificate for products, processes and services used for integrated security alarm systems.

Certification of your component or company based on the BRL K21049 Integrated Security Alarm Solution starts with an application, after which you receive a quote. On the basis of this quotation you can conclude a certification agreement with Kiwa. This is followed by an independent admission audit in which Kiwa NCP assesses whether the criteria for certification are met. If the result of the examination is positive, certification follows. If any shortcomings have been identified, you must resolve them first.

After the initial audit, periodic audits and inspections will be carried out annually to establish that the certified processes and performed work continue to meet the set requirements.

Why Kiwa NCP?

Kiwa NCP is a leading Certification Body for the certification of fire protection and security companies, also called Fire Safety & Security (FSS).

Kiwa NCP is an independent Certification Body that determines whether a company meets the quality requirements. A Kiwa NCP 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.