



**SLOVENSKI STANDARD**  
**SIST-TP CLC/TR 50531:2009**  
**01-oktober-2009**

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**Alarmni sistemi - Izrazi in definicije**

Alarm systems - Terms and definitions

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Ta slovenski standard je istoveten z: **CLC/TR 50531:2009**

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**CLC/TR 50531**

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June 2009

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English version

**Alarm systems –  
Terms and definitions**Systèmes d'alarme –  
Termes et définitionsAlarmanlagen –  
Begriffe und Begriffsbestimmungen**iTeh STANDARD PREVIEW**

This Technical Report was approved by CENELEC on 2009-06-03.

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

This Technical Report was prepared by the Technical Committee CENELEC TC 79, Alarm systems.

The text of the draft was circulated for voting in accordance with the Internal Regulations, Part 2, Subclause 11.4.3.3 and was approved by CENELEC as CLC/TR 50531 on 2009-06-03.

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## Introduction

This Technical Report consists of terms and definitions in the area of alarm systems. Terms and definitions have been gathered from CENELEC TC 79 published standards and technical specifications. In this publication terms from TC 79 standards are classified in six different categories based on their original publication category.

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## 1 Scope

This Technical Report contains a compilation of terms (glossary) used in CENELEC TC 79 publications in the area of alarm systems.

## 2 Source references

The following publications (standards and technical specifications) issued by CENELEC TC 79, Alarm systems, constitute the source for this glossary. The terms are primarily collected from Clause 3 of the publications, but in some cases terms are also taken from other parts of the text body of a publication.

### 2.1 Common items

EN 50130-4:1995, *Alarm systems – Part 4: Electromagnetic compatibility – Product family standard: Immunity requirements for components of fire, intruder and social alarm systems*

EN 50130-5:1998, *Alarm systems – Part 5: Environmental test methods*

CLC/TS 50398:2002, *Alarm systems – Combined and integrated alarm systems – General requirements*

CLC/TR 50456:2008, *Alarm systems – Guidelines to achieving compliance with EC directives for equipment of alarm systems*

EN 50486:2008, *Equipment for use in audio and video door-entry systems*

### 2.2 Intrusion and hold-up systems

EN 50131-1:2006, *Alarm systems – Intrusion and hold-up systems – Part 1: System requirements*

EN 50131-2-2:2008, *Alarm systems – Intrusion and hold-up systems – Part 2-2: Intrusion detectors – Passive infrared detectors*

EN 50131-2-3:2008, *Alarm systems – Intrusion and hold-up systems – Part 2-3: Requirements for microwave detectors*

EN 50131-2-4:2008, *Alarm systems – Intrusion and hold-up systems – Part 2-4: Requirements for combined passive infrared and microwave detectors*

EN 50131-2-5:2008, *Alarm systems – Intrusion and hold-up systems – Part 2-5: Requirements for combined passive infrared and ultrasonic detectors*

EN 50131-2-6:2008, *Alarm systems – Intrusion and hold-up systems – Part 2-6: Opening contacts (magnetic)*

CLC/TS 50131-3:2003, *Alarm systems – Intrusion systems – Part 3: Control and indicating equipment*

CLC/TS 50131-4:2006, *Alarm systems – Intrusion and hold-up systems – Part 4: Warning devices*

EN 50131-5-3:2005, *Alarm systems – Intrusion systems – Part 5-3: Requirements for interconnections equipment using radio frequency techniques*

EN 50131-6:2008, *Alarm systems – Intrusion and hold-up systems – Part 6: Power supplies*

CLC/TS 50131-7:2003, *Alarm systems – Intrusion systems – Part 7: Application guidelines*

### 2.3 CCTV surveillance systems

EN 50132-4-1:2001, *Alarm systems – CCTV surveillance systems for use in security applications – Part 4-1: Black and white monitors*

EN 50132-5:2001, *Alarm systems – CCTV surveillance systems for use in security applications – Part 5: Video transmission*

EN 50132-7:1996, *Alarm systems – CCTV surveillance systems for use in security applications – Part 7: Application guidelines*

### 2.4 Access control systems

EN 50133-1:1996, *Alarm systems – Access control systems for use in security applications – Part 1: System requirements*

EN 50133-2-1:2000, *Alarm systems – Access control systems for use in security applications – Part 2-1: General requirements for components*

EN 50133-7:1999, *Alarm systems – Access control systems for use in security applications – Part 7: Application guidelines*

### 2.5 Social alarm systems

EN 50134-1:2002, *Alarm systems – Social alarm systems – Part 1: System requirements*

EN 50134-2:1999, *Alarm systems – Social alarm systems – Part 2: Trigger devices*

EN 50134-3:2001, *Alarm systems – Social alarm systems – Part 3: Local unit and controller*

[https://standards.iteh.ai/catalog/standards/sist/40978267-9d54-4ebe-a543-4075ef130625/sist-clc-tr-50531-2\(09\)](https://standards.iteh.ai/catalog/standards/sist/40978267-9d54-4ebe-a543-4075ef130625/sist-clc-tr-50531-2(09))

CLC/TS 50134-7:2003, *Alarm systems – Social alarm systems – Part 7: Application guidelines*

### 2.6 Alarm transmission systems

EN 50136-1-1:1998, *Alarm systems – Alarm transmission systems and equipment – Part 1-1: General requirements for alarm transmission systems*

EN 50136-1-1:1998/A1:2001

EN 50136-1-1:1998/A2:2008

CLC/TS 50136-4:2004, *Alarm systems – Alarm transmission systems and equipment – Part 4: Annunciation equipment used in alarm receiving centres*

## 3 Concept introduction

The compilation of concepts is presented in two ways:

- by subject area, see Clause 4;
- index in English, see Clause 5.



#### 4 Concepts by subject area

This glossary's source standards and included concepts are given in Tables 1 to 6, classified by following subject areas:

- 1) common items (Table 1);
- 2) intrusion and hold-up systems (Table 2);
- 3) CCTV surveillance systems (Table 3);
- 4) access control systems (Table 4);
- 5) social alarm systems (Table 5);
- 6) alarm transmission systems (Table 6).

For each subject area the concepts are numbered with the objective of presenting contextually related definitions close to each other.

Each concept is presented by

- concept number, iTeh STANDARD PREVIEW
- term in English, (standards.iteh.ai)
- definition in English, [SIST-TP CLC/TR 50531:2009](https://standards.iteh.ai/catalog/standards/sist/40978267-9d54-4ebe-a543-493c1540782a/sist-40978267-9d54-4ebe-a543-493c1540782a)
- reference to publication, by means of publication number and clause number.

If the definitions in two or more publications are identical, then references are underlined in Ref. publication column. **Underlined and bolded** reference indicates from where the definition of term have been taken to this part of the glossary. Reference without underlining or bolding indicates that definitions in glossary and reference standard are not identical.

Table 1 – Common items

No.	Term	Definition	Ref. publication	Year	Ref.
1.01	accessories	equipment for requesting access through the associated door, containing components to allow audible communication between itself and compatible internal station(s), containing a facility to initiate communication with the internal station(s)	<u>EN 50486</u>	2008	3.1.8
1.02	accessories activation	signal sent from one station to operate one or more accessories	<u>EN 50486</u>	2008	3.2.6
1.03	access control system	system which comprises all the constructional and organisational measures as well as those pertaining to the apparatus which are required for controlling access	<u>CLC/TR 50456</u> <u>EN 50133-1</u>	2008 1996	2.1.1 3.2
1.04	additional facility	facility which is not described in an application standard and not necessary to fulfil the functions required of that application standard NOTE An additional facility may be shared by two or more applications. In this case this facility may be an additional facility for one application but standard required for another application.	<u>CLC/TS 50398</u>	2002	3.1
1.05	alarm	a warning of the presence of a hazard to life, property or the environment	<u>CLC/TS 50398</u> <u>EN 50131-1</u> <u>CLC/TS 50131-3</u> <u>CLC/TS 50131-7</u> EN 50133-7	2002 2006 2003 2003 1999	3.1. 3.1.5 3.1.4 3.1.2 A.5
1.06	alarm application	an application intended for the protection of life, property or the environment, such as: – intrusion and hold-up alarm; – social alarm; – closed circuit television used for security and surveillance; – access control; – fire detection and fire alarm	<u>CLC/TS 50398</u>	2002	3.3

Table 1 – Common items (continued)

No.	Term	Definition	Ref. publication	Year	Ref.
1.07	alarm company	an organisation which provides services for alarm systems	<u>CLC/TS 50398</u> <u>CLC/TS 50131-7</u> EN 50131-1	2002 2003 2006	3.5 3.1.4 3.1.7
1.08	alarm condition	a condition of an alarm system, or part thereof, which results from the response of the system to the presence of a hazard	<u>CLC/TS 50398</u> EN 50131-1 <u>CLC/TS 50131-7</u> <u>CLC/TS 50131-3</u> EN 50134-1 EN 50134-2 EN 50134-3 <u>EN 50136-1-1</u>	2002 2006 2003 2003 2002 1999 2001 1998	3.6 3.1.8 3.1.5 3.1.5 3.9 3.12 3.13 4.1.1 <sup>a</sup>
1.09	alarm receiving centre	a continuously manned centre to which information concerning the status of one or more alarm systems is reported	<u>CLC/TS 50398</u> <u>CLC/TS 50131-7</u> EN 50131-1 <u>CLC/TS 50131-3</u> EN 50134-3 <u>CLC/TS 50134-7</u>	2002 2003 2006 2003 2001 2003	3.4 3.1.3 3.1.6 3.1.8 3.2 3.2

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Table 1 – Common items (continued)

No.	Term	Definition	Ref. publication	Year	Ref.
1.10	alarm system	an electrical installation which responds to the manual or automatic detection of the presence of a hazard	<u>CLC/TS 50398</u> <u>CLC/TR 50456</u> <u>CLC/TS 50131-7</u> <u>EN 50131-1</u> <u>CLC/TS 50131-3</u> EN 50136-1-1	2002 2008 2003 2006 2003 1998	3.6 2.1.2 3.1.6 3.1.10 3.1.10 4.1.3 <sup>a</sup>
1.11	alarm transmission equipment	equipment which is used primarily for the transmission of alarms from the alarm system interface at the supervised premises to the announcement equipment interface at the alarm receiving centre. It may also transmit information or commands from the alarm receiving centre to one or more alarm systems NOTE This does not include equipment provided by a PTT or other general telecommunications equipment (for example modems) where these are used primarily for alarm transmission.	<u>CLC/TS 50398</u> EN 50136-1-1	2002 1998	3.8 4.1.5 <sup>a</sup>
1.12	Alarm Transmission System (ATS)	equipment and network used to transfer information concerned with the state of one or more alarm systems to one or more alarm receiving centres	<u>CLC/TS 50398</u> CLC/TR 50456 CLC/TS 50131-7 EN 50131-1 CLC/TS 50131-3 <u>EN 50136-1-1</u> EN 50134-1 EN 50134-3 CLC/TS 50134-7	2002 2008 2003 2006 2003 1998 2002 2001 2003	3.9 2.1.3 3.1.7 3.1.11 3.1.11 4.1.7 <sup>a</sup> 3.7 3.10 3.7
1.13	another communication	set of actions made to interchange non audio or video information between two or more suitable stations	<u>EN 50486</u>	2008	3.2.4

Table 1 – Common items (continued)

No.	Term	Definition	Ref. publication	Year	Ref.
1.14	anti-vandalism station	equipment with special characteristics to resist physical attack	<u>EN 50486</u>	2008	3.1.9
1.15	application	all related facilities used for a specific purpose, such as the detection and warning in the event of fire, lighting control, etc	<u>CLC/TS 50398</u> EN 50131-1	2002 2006	3.10 3.1.15
1.16	application standard	standard related to a specific application (such as referred in A.8)	<u>CLC/TS 50398</u>	2002	3.11
1.17	audio communication	bi-directional voice communication between two or more compatible stations	<u>EN 50486</u>	2008	3.2.2
1.18	basic EMC standards	standards giving the description of, and test and measurement methods for an EMC phenomenon, along with details of the apparatus and test set-up. Although they may give guidance on the choice of severity, they do not give prescribed limits or criteria for compliance	<u>EN 50130-4</u>	1995	3.1.2
1.19	call	signal from one station (source) requesting communication with a remote station (destination)	<u>EN 50486</u>	2008	3.2.1
1.20	CCTV surveillance system	a CCTV surveillance system consists of camera equipment monitoring and associated equipment for transmission and controlling purposes which may be necessary for the surveillance of a defined security zone	<u>CLC/TR 50456</u> EN 50132-7	2008 1996	2.1.4 3.1.2, B.11
1.21	Central Control Facility – CCF	equipment used for control and/or indicating purposes in type 1 configuration, which is connected to one or more dedicated systems and which is normally manned by operating personnel, for example a computer at a supervised location. The CCF is an additional facility (and not the standard-required control and indicating equipment) for at least one of the applications	<u>CLC/TS 50398</u>	2002	3.12
1.22	combined and integrated alarm system	in this document, the wording 'combined and integrated alarm system' is synonymous with 'integrated alarm system', which will mostly be used in the document	<u>CLC/TS 50398</u>	2002	3.13
1.23	common device	a device which is shared by two or more applications	<u>CLC/TS 50398</u>	2002	3.14
1.24	common facility	facility which is shared by two or more applications NOTE A common facility may be additional for two or more applications, it may be standard-required for two or more applications or it may be additional for one or more applications and standard-required for other applications.	<u>CLC/TS 50398</u>	2002	3.15

Table 1 – Common items (continued)

No.	Term	Definition	Ref. publication	Year	Ref.
1.25	common transmission path	a transmission path used by several applications	<u>CLC/TS 50398</u>	2002	3.16
1.26	conditioning	the exposure of a specimen to environmental conditions in order to determine the effect of such conditions on the specimen	<u>EN 50130-5</u> <u>CLC/TS 50131-3</u>	1998 2003	3.1.8 3.1.14
1.27	dedicated device	a device used solely by one application	<u>CLC/TS 50398</u>	2002	3.17
1.28	dedicated system	a system used for only one application type and fulfilling all the requirements applicable to that application	<u>CLC/TS 50398</u>	2002	3.18
1.29	dedicated transmission path	a transmission path used solely within one application	<u>CLC/TS 50398</u> <u>EN 50136-1-1</u>	2002 1998	3.19 4.1.10 <sup>a</sup>
1.30	door opener command	signal sent from one station to activate a door release (e.g. an electrical lock)	<u>EN 50486</u>	2008	3.2.5
1.31	environmental class A1 'wide range indoor'	environmental influences normally experienced indoors when the temperature is not well maintained (e.g. in corridors, halls or staircases and where condensation can occur on windows and in unheated storage areas or warehouses where heating is intermittent)	<u>EN 50486</u>	2008	3.3.1
1.32	environmental class A2 'wide range outdoor'	environmental influences normally experienced out of doors when components are fully exposed to the weather	<u>EN 50486</u>	2008	3.3.3
1.33	environmental class B1 'normal range indoor'	environmental influences normally experienced indoors when the temperature is well maintained (e.g. in a residential or commercial property)	<u>EN 50486</u>	2008	3.3.2
1.34	environmental class B2 'normal range outdoor'	environmental influences normally experienced out of doors when components are not fully exposed to the weather	<u>EN 50486</u>	2008	3.3.4
1.35	European product performance standard	a European standard (EN), which specifies the product performance requirements. Such a standard may include EMC requirements but is not limited to EMC requirements. (e.g. EN 54 series for fire alarm systems, EN 50131 series for intruder alarm systems)	<u>EN 50130-4</u>	1995	3.1.1
1.36	external audio station	equipment for requesting access through the associated door, containing components to allow audible communication between itself and compatible internal station(s), containing a facility to initiate communication with the internal station(s)	<u>EN 50486</u>	2008	3.1.1

Table 1 – Common items (continued)

No.	Term	Definition	Ref. publication	Year	Ref.
1.37	external audio/video station	combination of the two components defined in 3.1.1 and 3.1.2	<u>EN 50486</u>	2008	3.1.3
1.38	external video station	equipment containing components (e.g. a video camera) to allow visual observation of an area by compatible internal station(s), containing a facility to initiate a video connection with the internal station(s)	<u>EN 50486</u>	2008	3.1.2
1.39	facility	hardware or software which enable a system to fulfil one or more functions, for example a transmission path, a processing element, displays	<u>CLC/TS 50398</u>	2002	3.20
1.40	fault condition	a condition of a system which prevents a system or part thereof from functioning normally	<u>CLC/TS 50398</u> EN 50131-1 CLC/TS 50131-3 CLC/TS 50131-7 EN 50134-1 EN 50134-3 CLC/TS 50134-7 CLC/TS 50136-4	2002 2006 2003 2003 2002 2001 2003 2004	3.21 3.1.26 3.1.21 3.1.17 3.11 3.14 3.8 3.13
1.41	fault signal	a message generated due to the presence of a fault	<u>CLC/TS 50398</u>	2002	3.22
1.42	fire detection and fire alarm system FDAS	group of components including a CIE which, when arranged in (a) specified configuration(s), is capable of detecting and indicating a fire, and giving signals for appropriate action	<u>CLC/TR 50456</u> EN 50130-4	2008 1995	2.1.5 3.1.4
1.43	fixed equipment	equipment fastened to a support or otherwise secured in a specific location, or equipment not provided with a carrying handle and having such a mass that it cannot easily be moved (e.g. an intruder alarm system control panel screwed to the wall)	<u>EN 50130-5</u>	1998	3.1.4