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# Alarm systems – Terms and definitions

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English version

## **Alarm systems – Terms and definitions**

Systèmes d'alarme –  
Termes et définitions

Alarmanlagen –  
Begriffe und Begriffsbestimmungen

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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**

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## 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.

## 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*

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,
- term in English,
- definition in English,
- 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><br><u>EN 50133-1</u>                                                                        | 2008<br>1996                         | 2.1.1<br>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<br>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><br><u>EN 50131-1</u><br><u>CLC/TS 50131-3</u><br><u>CLC/TS 50131-7</u><br><u>EN 50133-7</u> | 2002<br>2006<br>2003<br>2003<br>1999 | 3.1.<br>3.1.5<br>3.1.4<br>3.1.2<br>A.5 |
| 1.06 | alarm application      | an application intended for the protection of life, property or the environment, such as:<br>– intrusion and hold-up alarm;<br>– social alarm;<br>– closed circuit television used for security and surveillance;<br>– access control;<br>– 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                                                                  | <b><u>CLC/TS 50398</u></b><br><u>CLC/TS 50131-7</u><br>EN 50131-1                                                                                    | 2002<br>2003<br>2006                                         | 3.5<br>3.1.4<br>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 | <b><u>CLC/TS 50398</u></b><br>EN 50131-1<br><u>CLC/TS 50131-7</u><br><u>CLC/TS 50131-3</u><br>EN 50134-1<br>EN 50134-2<br>EN 50134-3<br>EN 50136-1-1 | 2002<br>2006<br>2003<br>2003<br>2002<br>1999<br>2001<br>1998 | 3.6<br>3.1.8<br>3.1.5<br>3.1.5<br>3.9<br>3.12<br>3.13<br>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           | <b><u>CLC/TS 50398</u></b><br><u>CLC/TS 50131-7</u><br>EN 50131-1<br><u>CLC/TS 50131-3</u><br>EN 50134-3<br>CLC/TS 50134-7                           | 2002<br>2003<br>2006<br>2003<br>2001<br>2003                 | 3.4<br>3.1.3<br>3.1.6<br>3.1.8<br>3.2<br>3.2                                |

**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><b>CLC/TS 50398</b></u><br><u>CLC/TR 50456</u><br><u>CLC/TS 50131-7</u><br><u>EN 50131-1</u><br><u>CLC/TS 50131-3</u><br>EN 50136-1-1                          | 2002<br>2008<br>2003<br>2006<br>2003<br>1998                         | 3.6<br>2.1.2<br>3.1.6<br>3.1.10<br>3.1.10<br>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 annunciation 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<br><br>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><b>CLC/TS 50398</b></u><br>EN 50136-1-1                                                                                                                        | 2002<br>1998                                                         | 3.8<br>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><b>CLC/TS 50398</b></u><br>CLC/TR 50456<br>CLC/TS 50131-7<br>EN 50131-1<br>CLC/TS 50131-3<br><u>EN 50136-1-1</u><br>EN 50134-1<br>EN 50134-3<br>CLC/TS 50134-7 | 2002<br>2008<br>2003<br>2006<br>2003<br>1998<br>2002<br>2001<br>2003 | 3.9<br>2.1.3<br>3.1.7<br>3.1.11<br>3.1.11<br>4.1.7 <sup>a</sup><br>3.7<br>3.10<br>3.7 |
| 1.13 | another communication           | set of actions made to interchange non audio or video information between two or more suitable stations                                                                                                                                                                                                                                                                                                                                                                                              | <u><b>EN 50486</b></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><br>EN 50131-1        | 2002<br>2006 | 3.10<br>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><br><u>EN 50132-7</u> | 2008<br>1996 | 2.1.4<br>3.1.2, B.1.1 |
| 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<br>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><br><u>CLC/TS 50131-3</u> | 1998<br>2003 | 3.1.8<br>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><br><u>EN 50136-1-1</u> | 2002<br>1998 | 3.19<br>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><br>EN 50131-1<br>CLC/TS 50131-3<br>CLC/TS 50131-7<br>EN 50134-1<br>EN 50134-3<br>CLC/TS 50134-7<br>CLC/TS 50136-4 | 2002<br>2006<br>2003<br>2003<br>2002<br>2001<br>2003<br>2004 | 3.21<br>3.1.26<br>3.1.21<br>3.1.17<br>3.11<br>3.14<br>3.8<br>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><br>EN 50130-4                                                                                                     | 2008<br>1995                                                 | 2.1.5<br>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                                                             |

**Table 1 – Common items (continued)**

| No.  | Term                         | Definition                                                                                                                                                                                                                                                                                                                                                                                                        | Ref. publication                                                                                            | Year                                 | Ref.                                        |
|------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------|
| 1.44 | hold-up alarm system         | an alarm system designed to permit the deliberate creation of an alarm condition in the case of a hold-up                                                                                                                                                                                                                                                                                                         | <u>EN 50130-5</u><br><u>EN 50130-4</u><br><u>EN 50131-1</u><br><u>CLC/TR 50456</u>                          | 1998<br>1995<br>2006<br>2008         | 3.1.2<br>3.1.5<br>3.1.28<br>2.1.6           |
| 1.45 | integrated alarm system      | a system having common facilities used for different applications with at least one being an alarm application<br>NOTE 1 The alarm transmission system is not considered as a part of an integrated alarm system.<br>NOTE 2 Dedicated systems only connected via a unidirectional output device without any data communications, for example relay, are not considered as being part of integrated alarm systems. | <u>CLC/TS 50398</u>                                                                                         | 2002                                 | 3.23                                        |
| 1.46 | internal audio station       | equipment containing components to allow audible communication between itself and compatible station(s), containing a facility to receive and to indicate an incoming call from compatible stations                                                                                                                                                                                                               | <u>CLC/TR 50456</u>                                                                                         | 2008                                 | 3.1.4                                       |
| 1.47 | internal audio–video station | combination of the two components described in 3.1.4 and 3.1.5                                                                                                                                                                                                                                                                                                                                                    | <u>CLC/TR 50456</u>                                                                                         | 2008                                 | 3.1.6                                       |
| 1.48 | internal video station       | equipment containing components (e.g. a monitor) to allow observation of activity at compatible external video station(s), containing a facility to receive and to indicate an incoming call from compatible stations                                                                                                                                                                                             | <u>CLC/TR 50456</u>                                                                                         | 2008                                 | 3.1.5                                       |
| 1.49 | integrity                    | the ability of an application to function as designed and the measure of immunity from influences which could affect correct operation                                                                                                                                                                                                                                                                            | <u>CLC/TS 50398</u>                                                                                         | 2002                                 | 3.24                                        |
| 1.50 | intruder alarm system        | an alarm system to detect and indicate the presence, entry or attempted entry of an intruder into supervised premises                                                                                                                                                                                                                                                                                             | <u>EN 50130-5</u><br><u>EN 50130-4</u><br><u>EN 50131-1</u><br><u>CLC/TS 50131-7</u><br><u>CLC/TR 50456</u> | 1998<br>1995<br>2006<br>2003<br>2008 | 3.1.1<br>3.1.3<br>3.1.36<br>3.1.22<br>2.1.7 |



Table 1 – Common items (continued)

| No.  | Term                  | Definition                                                                                                                                                                                                                                                                                                 | Ref. publication                                                                              | Year                                         | Ref.                                                 |
|------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| 1.51 | Larsen effect         | acoustic loop between a microphone and a loudspeaker, amplifying the sound of the microphone resulting in a high pitched "whistle"                                                                                                                                                                         | <u>EN 50486</u>                                                                               | 2008                                         | 3.4.1                                                |
| 1.52 | log book              | a record book or its electronic equivalent into which all relevant details of the system, its performance and its maintenance can be entered in a relatively secure manner for later retrieval by authorised organizations                                                                                 | <u>CLC/TS 50398</u>                                                                           | 2002                                         | 3.25                                                 |
| 1.53 | movable equipment     | equipment which is not fixed equipment and which is not normally in operation while the location is changed. (e.g. A local unit or controller for a social alarm system, which is placed on a table top)                                                                                                   | <u>EN 50130-5</u>                                                                             | 1998                                         | 3.26                                                 |
| 1.54 | non-alarm application | an application intended to provide control and not intended primarily for the protection of life, property or the environment, for example: <ul style="list-style-type: none"> <li>– heating and ventilating;</li> <li>– energy management;</li> <li>– building management;</li> <li>– lighting</li> </ul> | <u>CLC/TS 50398</u>                                                                           | 2002                                         | 3.26                                                 |
| 1.55 | portable equipment    | equipment designed to be in operation while being carried. (e.g. Access control "Smart card" badge, electronic key, social alarm trigger device carried by the user)                                                                                                                                       | <u>EN 50130-5</u>                                                                             | 1998                                         | 3.1.6                                                |
| 1.56 | power supply          | part of a door entry system that provides power for the system or any part thereof                                                                                                                                                                                                                         | <u>EN 50486</u><br>EN 50131-1<br>CLC/TS 50131-7<br>CLC/TS 50131-3<br>EN 50131-6<br>EN 50133-1 | 2008<br>2006<br>2003<br>2003<br>2008<br>1996 | 3.1.7<br>3.1.54<br>3.1.30<br>3.1.41<br>3.1.1<br>3.23 |
| 1.57 | preconditioning       | the treatment of a specimen, before conditioning, with the object of removing or partly counteracting the effects of its previous history                                                                                                                                                                  | <u>EN 50130-5</u>                                                                             | 1998                                         | 3.1.7                                                |

**Table 1 – Common items (continued)**

| No.  | Term                       | Definition                                                                                                                                                                                                                                                                                                                          | Ref. publication                                                                                                          | Year                                                 | Ref.                                                       |
|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| 1.58 | processing element         | facility to perform mathematical or logical operations on data according to programmed instructions in order to obtain the required functions                                                                                                                                                                                       | <u>CLC/TS 50398</u>                                                                                                       | 2002                                                 | 3.27                                                       |
| 1.59 | recovery                   | the treatment of a specimen, after conditioning, in order that the properties of the specimen may be stabilised before measurement                                                                                                                                                                                                  | <u>EN 50130-5</u>                                                                                                         | 1998                                                 | 3.1.9                                                      |
| 1.60 | smoke alarm                | device containing within one housing all the components, except possibly the energy source, necessary for detecting smoke and for giving an audible alarm                                                                                                                                                                           | <u>CLC/TR 50456</u>                                                                                                       | 2008                                                 | 2.1.8                                                      |
| 1.61 | social alarm system        | system providing 24 hour facilities for alarm triggering, identification, signal transmission, alarm reception, 2-way speech communication, reassurance and assistance, for use by persons who can be considered to be living at home at risk                                                                                       | <u>EN 50130-4</u><br><u>EN 50130-5</u><br>EN 50134-1<br>EN 50134-2<br>EN 50134-3<br>CLC/TS 50134-7<br><u>CLC/TR 50456</u> | 1995<br>1998<br>2002<br>1999<br>2001<br>2003<br>2008 | 3.1.6<br>3.1.3<br>3.1<br>3.1<br>3.1<br>3.1<br>3.1<br>2.1.9 |
| 1.62 | standard-required facility | facility which is described in an application standard and necessary to fulfil the function of that application standard<br>NOTE A standard-required facility may be shared by two or more applications. In this case this facility may be a standard-required facility for one application but additional for another application. | <u>CLC/TS 50398</u>                                                                                                       | 2002                                                 | 3.28                                                       |
| 1.63 | tamper condition           | a condition of an alarm system in which tampering has been detected                                                                                                                                                                                                                                                                 | <u>CLC/TS 50398</u><br>EN 50131-1<br>CLC/TS 50131-3<br><u>CLC/TS 50131-7</u>                                              | 2002<br>2006<br>2003<br>2003                         | 3.29<br>3.1.72<br>3.1.53<br>3.1.41                         |

Table 1 – Common items (continued)

| No.          | Term                                                | Definition                                                                             | Ref. publication                                                                  | Year                         | Ref.                                            |
|--------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------------------|
| 1.64         | tamper detection                                    | the detection of deliberate interference with an alarm system or part thereof          | <u>CLC/TS 50398</u><br>EN 50131-1<br><u>CLC/TS 50131-3</u><br><u>EN 50136-1-1</u> | 2002<br>2006<br>2003<br>1998 | 3.30<br>3.1.73<br>3.1.54<br>4.1.23 <sup>a</sup> |
| 1.65         | transmission path                                   | a communication route used to convey information within the integrated alarm system    | <u>CLC/TS 50398</u><br>EN 50136-1-1<br>EN 50131-1                                 | 2002<br>1998<br>2006         | 3.31<br>4.1.25<br>3.1.77                        |
| 1.66         | video communication                                 | colour or monochrome video information sent from source station to destination station | <u>EN 50486</u>                                                                   | 2008                         | 3.2.3                                           |
| <sup>a</sup> | Renumbered reference per EN 50136-1-1:1998/A2:2008. |                                                                                        |                                                                                   |                              |                                                 |

**Table 2 – Intrusion and hold-up systems**

| No.  | Term            | Definition                                                                                                                                                   | Ref. publication                                                             | Year                         | Ref.                           |
|------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------|--------------------------------|
| 2.01 | access level    | level of access to particular functions of an I&HAS                                                                                                          | <u>EN 50131-1</u><br>EN 50133-1                                              | 2006<br>1996                 | 3.1.2<br>3.6                   |
| 2.02 | acknowledge     | action of a user to accept an indication                                                                                                                     | <u>CLC/TS 50131-3</u>                                                        | 2003                         | 3.1.1                          |
| 2.03 | action          | (relating to setting and unsetting) deliberate operation or act by the user which is part of the setting or unsetting procedure                              | <u>EN 50131-1</u>                                                            | 2006                         | 3.1.1                          |
| 2.04 | active          | state of a detector in the presence of a hazard                                                                                                              | <u>EN 50131-1</u>                                                            | 2006                         | 3.1.3                          |
| 2.05 | active detector | a detector capable of comparing input signals with pre-defined criteria (speed/frequency/amplitude/direction) prior to generating an alarm signal or message | <u>CLC/TS 50131-7</u>                                                        | 2003                         | 3.1.1                          |
| 2.06 | active period   | period during which an alarm signal is present                                                                                                               | <u>EN 50131-1</u><br>CLC/TS 50131-3                                          | 2006<br>2003                 | 3.1.2<br>3.1.3                 |
| 2.07 | alarm           | a warning of the presence of a hazard to life, property or the environment                                                                                   | <u>EN 50131-1</u><br>CLC/TS 50131-3<br><u>CLC/TS 50131-7</u><br>CLC/TS 50398 | 2006<br>2003<br>2003<br>2002 | 3.1.5<br>3.1.4<br>3.1.2<br>3.2 |
| 2.08 | alarm company   | organisation which provides services for alarm systems                                                                                                       | <u>CLC/TS 50131-7</u><br>EN 50131-1                                          | 2003<br>2006                 | 3.1.4<br>3.1.7                 |

Table 2 – Intrusion and hold-up systems (continued)

| No.  | Term               | Definition                                                                                                                 | Ref. publication             | Year | Ref.               |
|------|--------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------|------|--------------------|
| 2.09 | 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 | <b><u>CLC/TR 50131-3</u></b> | 2003 | 3.1.5              |
|      |                    |                                                                                                                            | <u>CLC/TR 50131-7</u>        | 2003 | 3.1.5              |
|      |                    |                                                                                                                            | <u>CLC/TR 50398</u>          | 2002 | 3.1.6              |
|      |                    |                                                                                                                            | EN 50134-1                   | 2002 | 3.9                |
|      |                    |                                                                                                                            | EN 50134-2                   | 1999 | 3.12               |
|      |                    |                                                                                                                            | EN 50134-3                   | 2001 | 3.13               |
|      |                    |                                                                                                                            | EN 50136-1-1                 | 1998 | 4.1.1 <sup>a</sup> |
|      |                    |                                                                                                                            | EN 50131-1                   | 2006 | 3.1.8              |
| 2.10 | alarm message      | message conveying information regarding intruder, tamper or fault alarms                                                   | <b><u>EN 50131-5-3</u></b>   | 2005 | 3.1.1              |
|      |                    |                                                                                                                            | CLC/TR 50136-4               | 2004 | 3.2.1              |
| 2.11 | alarm notification | passing of an alarm condition to warning devices and/or alarm transmission systems                                         | <b><u>EN 50131-1</u></b>     | 2006 | 3.1.9              |
|      |                    |                                                                                                                            | <u>CLC/TR 50131-3</u>        | 2003 | 3.1.6              |
| 2.12 | alarm point        | one or more detector(s) grouped together for the purpose of indication or processing                                       | <b><u>CLC/TR 50131-3</u></b> | 2003 | 3.1.7              |

**Table 2 – Intrusion and hold-up systems (continued)**

| No.  | Term                   | Definition                                                                                                     | Ref. publication      | Year | Ref.               |
|------|------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------|------|--------------------|
| 2.13 | alarm receiving centre | continuously manned centre to which information concerning the status of one or more alarm systems is reported | <b>CLC/TS 50131-7</b> | 2003 | 3.1.3              |
|      |                        |                                                                                                                | <u>EN 50136-1-1</u>   | 2003 | 4.1.2 <sup>a</sup> |
|      |                        |                                                                                                                | <u>CLC/TS 50131-3</u> | 2003 | 3.1.8              |
|      |                        |                                                                                                                | <u>CLC/TS 50398</u>   | 2002 | 3.4                |
|      |                        |                                                                                                                | EN 50134-1            | 2002 | 3.2                |
|      |                        |                                                                                                                | EN 50134-3            | 2001 | 3.2                |
|      |                        |                                                                                                                | CLC/TS 50134-7        | 2003 | 3.2                |
| 2.14 | alarm signal           | signal generated by a detection device                                                                         | EN 50131-1            | 2006 | 3.1.6              |
|      |                        |                                                                                                                | <b>CLC/TS 50131-3</b> | 2003 | 3.1.9              |
| 2.15 | alarm system           | an electrical installation which responds to the manual or automatic detection of the presence of a hazard     | CLC/TS 50134-7        | 2003 | 3.23               |
|      |                        |                                                                                                                | <b>EN 50131-1</b>     | 2006 | 3.1.10             |
|      |                        |                                                                                                                | <u>CLC/TS 50131-7</u> | 2003 | 3.1.6              |
|      |                        |                                                                                                                | <u>CLC/TS 50398</u>   | 2002 | 3.7                |
|      |                        |                                                                                                                | <u>EN 50136-1-1</u>   | 1998 | 4.1.3 <sup>a</sup> |
|      |                        |                                                                                                                | CLC/TS 50131-3        | 2003 | 3.1.10             |

Table 2 – Intrusion and hold-up systems (continued)

| No.  | Term                            | Definition                                                                                                                                                                                                                                                                                                                                                                                   | Ref. publication      | Year | Ref.               |
|------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------|--------------------|
| 2.16 | alarm transmission system       | equipment and network used to transfer information concerned with the state of one or more alarm systems to one or more alarm receiving centres<br><br>NOTE Transmission systems exclude local direct connections, i.e. interconnections between parts of an alarm system which do not require an interface to transform the alarm system information into a form suitable for transmission. | <b>CLC/TS 50131-7</b> | 2003 | 3.1.7              |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>EN 50136-1-1</b>   | 1998 | 4.1.7 <sup>a</sup> |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50398</b>   | 2002 | 3.9                |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>EN 50134-1</b>     | 2002 | 3.7                |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>EN 50134-3</b>     | 2001 | 3.10               |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50134-7</b> | 2003 | 3.7                |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50131-3</b> | 2003 | 3.10               |
| 2.17 | alert indication                | an audible and/or visual indication, available at access level 1, when an I&HAS is in the unset state, indicating that further indication(s) are available to users at access levels 2, 3, or 4                                                                                                                                                                                              | <b>EN 50131-1</b>     | 2006 | 3.1.12             |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50136-4</b> | 2004 | 3.17               |
| 2.18 | alternative power source        | power source capable of powering the system for a predetermined time when a prime power source is unavailable                                                                                                                                                                                                                                                                                | <b>EN 50131-1</b>     | 2006 | 3.1.13             |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50131-3</b> | 2003 | 3.1.12             |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>EN 50131-6</b>     | 2008 | 3.1.1              |
| 2.19 | ancillary control equipment     | equipment used for supplementary control purposes                                                                                                                                                                                                                                                                                                                                            | <b>EN 50131-1</b>     | 2006 | 3.1.14             |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50131-7</b> | 2003 | 3.1.8              |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50131-3</b> | 2003 | 3.1.13             |
| 2.20 | application                     | alarm system, I&HAS, social alarm, CCTV, access control, fire systems e.g. heating, air conditioning or lighting systems                                                                                                                                                                                                                                                                     | <b>EN 50131-1</b>     | 2006 | 3.1.15             |
|      |                                 |                                                                                                                                                                                                                                                                                                                                                                                              | <b>CLC/TS 50398</b>   | 2002 | 3.10               |
| 2.21 | approach distance/make distance | separation distance between the two components of a detector that are being brought together at which an intrusion signal or message is reversed                                                                                                                                                                                                                                             | <b>EN 50131-2-6</b>   | 2008 | 3.1.4              |
| 2.22 | APS operating period            | period during which the APS is supporting an I&HAS when the EPS has been lost                                                                                                                                                                                                                                                                                                                | <b>EN 50131-6</b>     | 2008 | 3.1.2              |

**Table 2 – Intrusion and hold-up systems (continued)**

| No.  | Term                                              | Definition                                                                                                                                                                             | Ref. publication                                                    | Year                         | Ref.                             |
|------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------|----------------------------------|
| 2.23 | as fitted document                                | document in which details of the IAS actually installed are recorded                                                                                                                   | <u>CLC/TS 50131-7</u>                                               | 2003                         | 3.1.9                            |
| 2.24 | assigned band                                     | frequency band within which the equipment is authorized to operate                                                                                                                     | <u>EN 50131-5-3</u>                                                 | 2005                         | 3.1.2                            |
| 2.25 | attenuation                                       | degradation of the RF signal due to a change in the passive environment of the system after its installation (e.g. creation, relocation or reflection or absorption materials)         | <u>EN 50131-5-3</u>                                                 | 2005                         | 3.1.3                            |
| 2.26 | authorisation                                     | degradation of the RF signal due to a change in the passive environment of the system after its installation (e.g. creation, relocation or reflection or absorption materials)         | <u>EN 50131-1</u>                                                   | 2006                         | 3.1.16                           |
| 2.27 | authorisation codes                               | physical or logical keys which permit access to I&HAS functions                                                                                                                        | <u>EN 50131-1</u>                                                   | 2006                         | 3.1.17                           |
| 2.28 | availability of interconnection                   | condition when an interconnection is capable of conveying a signal or message                                                                                                          | <u>EN 50131-1</u>                                                   | 2006                         | 3.1.18                           |
| 2.29 | basic detection target                            | heat source designed to verify the operation of a detector                                                                                                                             | <u>EN 50131-2-2</u><br>EN 50131-2-3<br>EN 50131-2-4<br>EN 50131-2-5 | 2008<br>2008<br>2008<br>2008 | 3.1.1<br>3.1.1<br>3.1.1<br>3.1.1 |
| 2.30 | client                                            | individual or corporate body responsible for acquiring the IAS                                                                                                                         | <u>CLC/TS 50131-7</u>                                               | 2003                         | 3.1.12                           |
| 2.31 | collision                                         | simultaneous transmissions from two or more RF communication devices belonging to the same system, of sufficient signal strength to cause corruption or obliteration of the RF signals | <u>EN 50131-5-3</u>                                                 | 2005                         | 3.1.4                            |
| 2.32 | collision rate                                    | probability of two or more messages having part or all of their information coincident on the RF link leading to a collision                                                           | <u>EN 50131-5-3</u>                                                 | 2005                         | 3.1.5                            |
| 2.33 | combined passive infrared and microwave detector  | detector of the broad-spectrum infrared emitted by a human being, with an active microwave emitter and detector installed in the same casing                                           | <u>EN 50131-2-4</u>                                                 | 2008                         | 3.1.2                            |
| 2.34 | combined passive infrared and ultrasonic detector | detector of the broad-spectrum infrared radiation emitted by a human being, with an active ultrasonic emitter and receiver installed in the same housing                               | <u>EN 50131-2-5</u>                                                 | 2008                         | 3.1.2                            |