



NSAI
Standards

Annual Report 2020

NSAI ETC TC 13

National Standards Authority of Ireland (NSAI)
Electrotechnical Committee (ETC) Technical Committee (TC) 13

Alarm Systems

1. Scope

To prepare European standards in the field of alarm and intruder systems.

Alarm systems encompasses detection, signalling, and monitoring systems for the protection of persons and property, including elements used in such systems. The scope includes in particular intruder and hold-up alarm systems, access control systems, periphery protection systems, combined alarm and fire alarm systems, social alarm systems, CCTV systems, and other monitoring and surveillance systems related to security applications, as well as associated and dedicated transmission and communication systems. The Technical Specifications and Standards also detail methods and tests for compatibility assessment of system components.

Standards are available from www.standards.ie.

1.1. International TCs Mirrored

These are the following committees mirrored in full or in part by the TC:

- CENELEC TC 79: Alarm systems
- IEC TC 79: Alarm and electronic security systems

1.2. Irish Industry/Sector

This Technical Committee serves the sector of Electronic security, encompassing installers, manufacturers, and monitoring centres, and including the interests of the insurance and risk management industry, the banking sector, service providers, police, and the national regulator for the security industry as well as the private security industry.



2. Review of the Year 2020

The Committee met once in 2020 and a number of the committee members attended CENELEC Technical Committee 79 Working Group 01 and Working Group 03 meetings throughout the year. During 2020 the committee met virtually in September due to the COVID-19 pandemic.

The next CENELEC Technical Committee 79 Plenary Meeting will take place in Frankfurt, Germany in October 2021.

The Irish Standards I.S. 998 "Cash-in-transit Services" and I.S. 999 "Guarding Security Services" have now been withdrawn as these have been replaced by documents produced by the PSA (Private Security Authority) as follows:

- I.S. 998 "Cash-in-transit Services" has been replaced by PSA CIT2:2014 together with PSA 76:2018
- I.S. 999 "Guarding Security Services" has been replaced by PSA 28:2013 together with PSA 31:2019 Phase 1

3. NSAI ETC TC 13 Membership 2020

The list of current committee members is below. The committee had some changes to the membership during the year with some members retiring and being replaced by some new ones.

Name	Organisation represented	Role
Michael Bergin	HKC	National chairperson
Noleen Campbell	NSAI	National secretary
Paddy Andrews	Irish Security Industry Association	National committee member
Siobhan Cleary	Private Security Authority	National committee member
Andrew Daly	EQA	National committee member
Ray Green	Association of Irish Risk Management	National committee member
Andrew Kelly	Vanderbilt Industries	National committee member
Brian O'Neill	Unified Technology Solutions	National committee member
<i>New members</i>		
Sean Leavy	Alarm Control 24	National committee member
<i>Retired members</i>		
John P. Crosse	Garda National Crime Prevention Unit (GNCPU)	National committee member
Gerry O'Connor	Bank of Ireland	National committee member

4. International Meetings

Committee members attended international CENELEC (CLC) meetings as follows:

Committee Name	Location	Date	Name of Attendee
CLC/TC 79/WG 1	Virtual Meeting	13 May 2020	Andrew Kelly
CLC/TC 79/WG 1	Virtual Meeting	16 June 2020	Andrew Kelly
CLC/TC 79/WG 3	Virtual Meeting	29-30 Sep 2020	Michael Bergin
CLC/TC 79/WG 3	Virtual Meeting	04 Nov 2020	Michael Bergin
CLC/TC 79/WG 3	Virtual Meeting	01-02 Dec 2020	Michael Bergin

5. National Meetings

Committee members attended the following national meetings in NSAI as follows:

Meeting No.	Date	Minutes Reference
1	02 Sept 2020	N845

6. Programme for Coming Year 2021

The committee will be focusing on the following standards:

EN 50131-1:2006/A3:2020 *Alarm systems - Intrusion and hold-up systems - Part 1: System requirements*, has been published. CLC/TC 79/WG01 is now working on the next revision of this standard to be in line with state-of-the-art technologies in particular with respect to remote connectivity.

EN 50131-3:2009 *Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment*. The CLC/TC 79 /WG03 are continuing to work on the revision of this standard. There are a number of comments that are being worked through at the moment.

EN 50131-7:2010 *Alarm systems - Intrusion and hold-up systems - Part 7: Application guidelines*. The standard was published in 2010 and is not currently being reviewed but the committee will keep a watching brief on it.

EN 50136-3:2013 *Alarm systems – Alarm transmission systems and equipment - Part 3: Requirements for Receiving Centre Transceiver (RCT)*. The standard was published in 2013 and is not currently being reviewed but the committee will keep a watching brief on it.

Finally, CLC/TC 79/WG 11 plans to start work on EN 50131-5-3:2017 *Alarm systems - Intrusion systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques* to remove frequency restrictions.

Committee members are planning to attend the next plenary meeting of CENELEC TC 79 which is due to be held in Frankfurt, Germany in October 2021.

Meetings of CLC /TC 79 /WG 01 "Intruder & hold-up alarm systems" and CLC /TC 79 /WG 03 "Control & indicating equipment, power supply for intruder alarm systems" shall also be attended whenever possible.

It is intended to hold at least two national committee meetings during 2021.

7. Additional Information

Other areas being worked on by members include:

Standard Recommendation S.R. 25 (Alarm Handling and Verification)

Standard Recommendation S.R. 45 (Remote monitoring of CCTV systems)

European Standard EN 50131-6:2017 (Alarm Systems – Power Supplies)

European Standard EN 50518:2019 (Monitoring and Alarm Receiving Centre)