



NSAI

ANNUAL REPORT 2024

NSAI TECHNICAL COMMITTEE
NSAI/ETC/TC 13 - "ALARM SYSTEMS"

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1 Chairperson's Statement

We continued to have blended (in-person plus online) meetings in 2024 – this particularly suits those members outside of Dublin and will be the new normal. We also intend to have three, as opposed to two meetings, per annum.

With the development of a new revision of the general systems requirements document in CEN/CENELEC, NSAI/ETC/TC 13 will be entering a period of standards change and challenges not seen since the late nineteen nineties. The emphasis will be towards better cyber security.

Also, from a national perspective, we will continue the review of the Irish Standard Recommendations S.R. 25:2005 (Alarm Receiving Centres Alarm Handling Procedures) and S.R. 45:2013 (Remote monitoring of CCTV systems).

2 Introduction

NSAI/ETC/TC 13 was established as a National Mirror Committee to mirror the work of the European standards committee CENELEC TC 79 "Alarm Systems" and the international standards committee IEC TC 79 "Alarm Systems".

Alarm systems encompass 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.

3 Scope of TC

The scope of NSAI/ETC/TC 13 is to follow and contribute to the work of CENELEC TC 79 and to follow the work of IEC TC 79.

NSAI/ETC/TC 13 is also tasked with the review of the Irish Standard Recommendations –

- S.R. 25:2005 (Alarm Handling and Verification) – under review
- S.R. 45:2013 (Remote monitoring of CCTV systems) – under review

The committee mirrors the following international committees:

Committee Name	Committee Title
CENELEC TC 79	Alarm systems
IEC TC 79	Alarm systems

4 Structure and Membership

4.1 Structure

The Figure below illustrates the structure of the Committee:



4.2 Member Organisations

The list below are the member organisations for the year 2024:

Organisation	Role
HKC Security Ltd	Chairperson
NSAI	Secretary
Acre Security	Committee Member
Alarm Control 24	Committee Member
Amtivo	Committee Member
An Garda Síochána	Committee Member
Matrix	Committee Member
National Monitoring Centre Forum	Committee Member
Private Security Authority	Committee Member

5 Summary of 2024 Activities

5.1 National

5.1.1 Meetings

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

Meeting No.	Date	Minutes Reference
1	10 April 2024	N990
2	24 July 2024	N1003
3	23 October 2024	N1023

5.2 International/Regional

5.2.1 Meetings

Committee members attended CENELEC TC 79 meetings as follows:

Committee Name	Location	Date	No. of Attendees
CLC TC 79/WG 1	Virtual	21-22 February 2024	1
CLC TC 79/WG 1	Virtual	14-15 May 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	9 Jan 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	18 Jan 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	11 Mar 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	27 Mar 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	09 Apr 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	15 Apr 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	25 Jun 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	26 July 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	20 Aug 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	23 Oct 2024	1
CLC TC 79/WG 1- EN50131-1 drafting Subgroup	Virtual	20 Nov 2024	1

5.2.2 International/Regional Work

Ireland is following and contributing to the development of alarm systems standards. Members of NSAI/ETC/TC 13 are actively involved in standards development work at European level in CENELEC TC 79 working groups WG 1 "Intruder & hold-up alarm systems" and WG 2 "Detection devices for intruder alarm systems ". The work programmes of other working groups within CENELEC TC 79 are also being monitored by the national committee.

5.2.3 International/Regional Standards Reviewed

prEN 50131-1	Alarm systems - Intrusion and hold-up systems - Part 1: System requirements
prEN 50131-2-8	Alarm systems - Intrusion and hold-up systems - Part 2-8: Intrusion detectors - Shock detectors
prEN 50131-3	Alarm systems - Intrusion and hold-up systems - Part 3: Control and Indicating Equipment
prEN 50131-5-3	Alarm systems - Intrusion systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques
prEN 50136-1	Alarm systems - Alarm transmission systems and equipment - Part 1: General requirements for alarm transmission systems
EN 50136-2:2013+A1:2023	Alarm systems - Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT)
EN 50518:2019/prA1	Monitoring and Alarm Receiving Centre
FprEN IEC 62676-5-1	Video surveillance systems for use in security applications - Part 5-1: Data specifications and image quality performance for camera devices - Environmental test methods for image quality performance
CLC/TS 50661-1	Alarm systems - External perimeter security systems - Part 1: System requirements
prEN 50661-7	Alarm systems - External perimeter security systems - Part 7: Application Guidelines

5.2.4 International/Regional Voting Results

The committee voted on 3 international ballots in 2024.

5.3 Regulatory Development/Update

There are no current European Regulations applicable to the suite of Standards being developed.

6 Irish Publications/Reviews

6.1 Publications

The Committee did not publish any deliverables this year.

6.2 Reviews

The Committee continued its review of the following Irish national deliverables:

- S.R. 25:2005 (Alarm Receiving Centres - Alarm Handling Procedures)
- S.R. 45:2013+A1:2014 (Remote monitoring of CCTV systems)

7 Work programme for 2025 onwards

NSAI/ETC/TC13 saw some change in membership in 2024 and members continued to participate at European level while monitoring progression of the relevant standards at International level.

The two Working Groups which are still undergoing the review of the Irish Standard Recommendations are as follows:

- Working Group 1 - S.R. 25:2005 (Alarm Receiving Centres Alarm Handling Procedures) and
- Working Group 2 - S.R. 45:2013+A1:2014 (Remote monitoring of CCTV systems).

The NMCF (National Monitoring Centre Forum) have spent some time reviewing both S.R. 45 and PSA 2006_12 together. The PSA will also be conducting a review of S.R. 45 taking into account this NMCF review and NSAI discussions.

The committee will now meet three times per year.

8 Additional Information



Figure 1 – Alarm Monitoring Centre