

# ANNUAL REPORT 2023



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 2023 – this particularly suits those members outside of Dublin and will be the new normal.

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 1990s. The emphasis will be towards better cyber security.

With the rollout of An Garda Síochána's computer-aided dispatch system we will be reviewing S.R. 25:2005 (Alarm Receiving Centres Alarm Handling Procedures).

## 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 some 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
<b>CENELEC TC 79</b>	Alarm systems
<b>IEC TC 79</b>	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 2023:

Organisation	Role
<b>HKC Security Ltd</b>	Chairperson
<b>NSAI</b>	Secretary
<b>An Garda Síochána</b>	Committee Member
<b>Custodian Security Systems</b>	Committee Member
<b>EQA Ireland Ltd</b>	Committee Member
<b>FT Security Solutions</b>	Committee Member
<b>Green Risk Management</b>	Committee Member
<b>Matrix</b>	Committee Member
<b>National Monitoring Centre Forum</b>	Committee Member
<b>Private Security Authority</b>	Committee Member
<b>Vanderbilt International Ireland Ltd</b>	Committee Member

## 5 Summary of 2023 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	19 April 2023	N941
2	04 October 2023	N970

### 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	14-15 February 2023	1
CLC TC 79/WG 1	Virtual	23-24 May 2023	1
CLC TC 79/WG 1	Munich	30-31 August 2023	1

CLC TC 79/WG 1/50131-1	Virtual	17 October 2023	1
CLC TC 79/WG 1/50131-1	Virtual	31 October 2023	1
CLC TC 79/WG 1/50131-1	Virtual	16 November 2023	1
CLC TC 79/WG 1/50131-1	Virtual	30 November 2023	1
CLC TC 79/WG 1/50131-1	Virtual	8 December 2023	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 3 "Control & indicating equipment, power supply 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

I.S. 10101	National Rules for Electrical Installations
prEN 50131-1	Alarm systems - Intrusion and hold-up systems - Part 1: System requirements
EN 50131-5-3:2017	Alarm systems - Intrusion systems - Part 5-3: Requirements for interconnections equipment using radio frequency techniques
prEN 50136-2:2013/prA1	Alarm systems - Alarm transmission systems and equipment - Part 2: Requirements for Supervised Premises Transceiver (SPT)
EN 50486:2008	Equipment for use in audio and video door-entry systems
EN 50518:2019/prA1	Monitoring and Alarm Receiving Centre
prEN 50726-1	Emergency and danger systems - Part 1: Emergency and danger response systems (EDRS) - Basic requirements, duties, responsibilities and activities
IEC 62676-2-11	Alarm systems – Video Surveillance Systems (VSS) for use in security applications – Part 2-11: Video transmission protocols – Interop profiles for VMS- and cloud VSaaS-systems for safe-cities and law-enforcement

## 5.2.4 International/Regional Voting Results

The committee voted on 2 international ballots in 2023.

## 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 2024 onwards

NSAI/ETC/TC13 saw some change in membership in 2023 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 continue to meet twice per year.

## 8 Additional Information



Figure 1 – Alarm Monitoring Centre