ANNUAL REPORT 2021

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

Contents

1 Chairperson's Statement

With the ongoing Covid-19 crisis, 2021 continued to present challenges with meetings being conducted online. The upside was that long commutes were avoided for some committee members whilst the downside was that some of the dynamics of in-person interaction were lost. It would be hoped that a blended approach to meetings could be achieved in 2022.

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.

I believe we have a good spread of industry members on our committee to steer these changes successfully in Ireland over the next few years.

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 several Irish Standard Recommendations –

- S.R. 25:2005 (Alarm Handling and Verification) – under review
- S.R. 40:2005 (Electronic security services – Intruder alarm, access control and CCTV systems) – now withdrawn as replaced by Private Security Authority document PSA 74:2018
- S.R. 41:2005 (Electronic security services - Monitoring services) - now withdrawn as replaced by Private Security Authority document PSA 33:2014
- 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 2021:

Organisation	Role
HKC Security Ltd	Chairperson
NSAI	Secretary
Alarm Control 24	Committee Member
Custodian Security Systems	Committee Member
EQA Ireland Ltd	Committee Member
FT Security Solutions	Committee Member
Green Risk Management	Committee Member
Private Security Authority	Committee Member
Stanley Security Ireland	Committee Member
Vanderbilt International Ireland Ltd	Committee Member

5 Summary of 2021 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 March 2021	N863
2	15 September 2021	N881

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 3	Virtual	16-17 February 2021	1
CLC TC 79/WG 1	Virtual	02-03 March 2021	2
CLC TC 79/WG 1	Virtual	24-26 August 2021	1
CLC TC 79/WG 3	Virtual	28-29 September 2021	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

EN 50131-1	Alarm systems - Intrusion and hold-up systems - Part 1: System requirements
EN 50131-3	Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment
EN 50131-6	Alarm systems - Intrusion and hold-up systems - Part 6: Power supplies
prTS 50136-10	Alarm systems - Alarm transmission systems and equipment - Part 10: Requirements for remote access

5.2.4 International/Regional Voting Results

The committee voted on 4 international ballots in 2021.

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 reviewed the following Irish national deliverables:

- S.R. 40:2005 (Electronic security services – Intruder alarm, access control and CCTV systems) – now withdrawn as replaced by Private Security Authority document PSA 74:2018
- S.R. 41:2005 (Electronic security services - Monitoring services) - now withdrawn as replaced by Private Security Authority document PSA 33:2014

7 Work programme for 2022 onwards

At CENELEC TC 79, a number of standards have been proposed for systematic review and NSAI/ETC/TC 13 is taking these into consideration. One such standard is I.S. EN 50131-1 " Alarm systems - Intrusion and hold-up systems - Part 1: System requirements" and some options for its future are currently being discussed at European level. NSAI/ETC/TC 13 will continue to participate in this debate by monitoring and providing comments to this standard and its related parts over the next three years or so. This standard is of particular importance to the PSA and the Alarm System industry in general.

The Technical Specification CLC/TS 50136-10 "Alarm systems - Alarm transmission systems and equipment - Part 10: Requirements for remote access" is due to be published soon and the national committee are also planning to review this with respect to any possible conflict with Annex C of EN 50131-3 " Alarm systems - Intrusion and hold-up systems - Part 3: Control and indicating equipment".

In addition, the committee intends to establish two Working Groups in 2022 to review the Irish Standard Recommendations –

- 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).

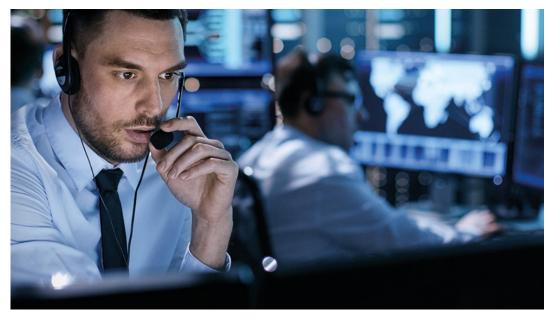Members of the committee NSAI/ETC/TC 13 will participate in these working groups.

8 Additional Information

FIGURE 1 ALARM MONITORING CENTRE