



**NSAI**

# ANNUAL REPORT 2025

**NSAI TECHNICAL COMMITTEES  
(TC12 "ELECTRONIC  
COMMUNICATION SYSTEMS")**

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# 1 Introduction

NSAI/ETC/TC 12 was established over 30 years ago as an ETCI sub-committee, to coordinate the national input to the work of IEC and CENELEC.

ETC/TC 12 monitors and participates in the work of International committees IEC/TC 46, IEC/TC 86, and IEC/TC 100, and the European committee CLC/TC 100X.

Nationally, the Industries and sectors serviced by NSAI/ETC/TC 12 are Manufacturers, distributors and users of data cables, waveguides, RF connectors, microwave passive components, fibre optic cables, audio, video and multimedia equipment and systems.

2025 was a productive year for ETC/TC 12 with two meetings held. 2025 also saw the retirement of the Chairperson after a number of years in the Chair position and previously as a committee member.

# 2 Scope of TC

NSAI/ETC/TC 12 is responsible for co-ordinating standards development in the area of electronic communication systems. It monitors and participates in the international work of IEC/TC 46 (Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories), IEC/TC 86 (Fibre optics) and IEC/TC 100 (Audio, video and multimedia systems and equipment).

The work of IEC/TC 100 covers a wide area of technology including specifications for the performance, methods of measurement, application and interoperability of consumer and professional AV and multimedia systems and equipment.

The work of TC 12 assists in the development of European Standards (EN), which in turn are transposed into voluntary Irish Standards (I.S. EN).

The committee mirrors the following international committees:

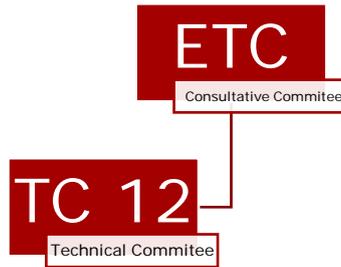
| <b>Committee Name</b> | <b>Committee Title</b>  | <b>Membership</b> |
|-----------------------|---|-------------------|
| <b>IEC/TC 46</b>      | Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories | O-Member          |
| <b>IEC/TC 86</b>      | Fibre optics  | O-Member          |
| <b>IEC/TC 100</b>     | Audio, video and multimedia systems and equipment   | P-Member          |

In addition to the above the committee also actively monitors the work of CLC/TC 100X.

# 3 Structure and Membership

## 3.1 Structure

The Figure below illustrates the structure of the Committee:



### 3.2 Membership

The following organisations are represented on the committee:

| Organisation | Role               |
|--------------|--------------------|
| Apple        | Committee Member   |
| Dell         | Committee Member   |
| Arqkos       | Committee Member   |
| NSAI         | National Secretary |

Note: Independent expert participants on ETC/TC 12 are not listed above. For more information contact NSAI

## 4 Summary of 2025 Activities

The committee met virtually twice in 2025.

### 4.1 National

#### 4.1.1 Meetings

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

| Date                     | Minutes Reference |
|--------------------------|-------------------|
| 15 <sup>th</sup> May     | N682              |
| 16 <sup>th</sup> October | N685              |

### 4.2 International/Regional

#### 4.2.1 Meetings

Committee members attended CENELEC (CLC) as follows in 2025:

| Committee Name | Date                      | No. of Attendees |
|----------------|---------------------------|------------------|
| CLC/TC 100X    | 25 <sup>th</sup> November | 1                |

#### 4.2.2 International/Regional Work

NSAI/ETC/TC 12 monitors the work of IEC/TC 46, IEC/TC 86, and IEC/TC 100 and CLC/TC 100X.

### 4.2.3 International/Regional Standards Reviewed

No documents were reviewed in 2025.

### 4.2.4 International/Regional Voting

IEC/TC 100: Ireland voted on all documents closed in 2025 with 100% overall voting record.

CLC/TC 100X: Ireland voted on all documents closed in 2025 with 100% overall voting record.

The committee actively voted on 25 items in 2025.

| Vote Reference                 | Committee        | Decision | Comments Submitted |
|--------------------------------|------------------|----------|--------------------|
| <b>FprEN IEC 63563-10:2024</b> | CLC/TC 100x      | Approve  | No                 |
| <b>FprEN IEC 63563-11:2024</b> | CLC/TC 100x      | Approve  | No                 |
| <b>FprEN IEC 63563-1:2024</b>  | CLC/TC 100x      | Approve  | No                 |
| <b>FprEN IEC 63563-2:2024</b>  | CLC/TC 100x      | Approve  | No                 |
| <b>FprEN IEC 63563-3:2024</b>  | CLC/TC 100X      | Approve  | No                 |
| <b>FprEN IEC 63563-4:2024</b>  | CLC/TC 100X      | Approve  | No                 |
| <b>FprEN IEC 63563-5:2024</b>  | CLC/TC 100X      | Approve  | No                 |
| <b>FprEN IEC 63563-6:2024</b>  | CLC/TC 100X      | Approve  | No                 |
| <b>FprEN IEC 63563-7:2024</b>  | CLC/TC 100X      | Approve  | No                 |
| <b>FprEN IEC 63563-8:2024</b>  | CLC/TC 100X      | Approve  | No                 |
| <b>FprEN IEC 63563-9:2024</b>  | CLC/TC 100X      | Approve  | No                 |
| <b>prEN 50XXX</b>              | CLC/TC 100X      | Approve  | No                 |
| <b>prEN 50XXX</b>              | CLC/TC 100X      | Approve  | No                 |
| <b>100/4378/Q</b>              | IEC/TC 100       | Confirm  | Yes                |
| <b>100/4247/FDIS</b>           | IEC/TC 100/TA 15 | Approve  | No                 |
| <b>100/4248/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>100/4249/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>100/4250/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>TC 100/TA 15</b>            | TC 100/TA 15     | Approve  | No                 |
| <b>100/4252/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>100/4253/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>100/4254/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>100/4255/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>100/4256/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |
| <b>100/4257/FDIS</b>           | TC 100/TA 15     | Approve  | No                 |

## 4.3 Regulatory development/update

While the primary focus of NSAI/ETC/TC 12 is on international standards development, the committee is aware of a number of pieces of new legislation relevant to the work of the committee, these include;

- Ecodesign for Sustainable Products Regulation;
- A.I. Act;

- Cyber Resilience Act; and
- General Product Safety Regulation.

## 5 Irish Publications/Reviews

### 5.1 Publications

The Committee did not publish any deliverables in 2025.

### 5.2 Reviews

There are no existing national publications, so no reviews were carried out in 2025.

## 6 Work programme for 2026 onwards

The committee will continue to meet twice annually.

The committee will seek a new Chairperson in 2026 and also continue to recruit new experts to ensure levels of engagement with IEC and CENELEC can be maintained and increased.