



**NSAI**

# ANNUAL REPORT 2023

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

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## 1 Chairperson's Statement

2023 was a productive year for NSAI/ETC/TC 12 with two well attended meetings taking place with lively discussions on many items.

The committee remains focussed on participating in the work of IEC TC 46, TC 86 and TC 100, and CLC TC 100X and increasing representation from Irish stakeholders in these areas.

Thank you to the committee members and NSAI secretary for their contributions and participation in 2023.

## 2 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.

## 3 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:

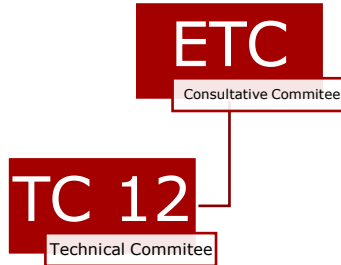
<b>Committee Name</b>	<b>Committee Title</b>	<b>Membership</b>
<b>IEC/TC 46</b>	Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories	O-Member
<b>IEC/TC 86</b>	Fibre optics	O-Member
<b>IEC/TC 100</b>	Audio, video and multimedia systems and equipment	P-Member

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

## 4 Structure and Membership

### 4.1 Structure

The Figure below illustrates the structure of the Committee:



### 4.2 Membership

The following organisations are represented on the committee:

Organisation	Role
<b>Apple</b>	Committee Member
<b>Apple</b>	Committee Member
<b>Apple</b>	Committee Member
<b>Apple</b>	Committee Member
<b>Dell</b>	Committee Member
<b>Arqkos</b>	Committee Member
<b>NSAI</b>	National Secretary

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

## 5 Summary of 2023 Activities

The committee met twice in 2023 virtually over MS teams. The push to recruit additional experts, in particular those with expertise in RF equipment and Fibre Optics continued in 2023 but was unsuccessful. The committee will continue to seek new experts in 2024.

### 5.1 National

#### 5.1.1 Meetings

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

Date	Minutes Reference
<b>21<sup>st</sup> April</b>	<b>N675</b>
<b>19<sup>th</sup> October</b>	<b>N677</b>

## 5.2 International/Regional

### 5.2.1 Meetings

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

Committee Name	Date
CLC/TC 100X	7 <sup>th</sup> July
IEC/TC 100	8 <sup>th</sup> September

### 5.2.2 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.

### 5.2.3 International/Regional Standards Reviewed

No documents were reviewed in 2023.

### 5.2.4 International/Regional Voting

IEC/TC 100: Ireland voted on all documents closed in 2023 with 100% overall voting record.

CLC/TC 100X: Ireland voted on all documents closed in 2023 with 100% overall voting record.

## 5.3 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.

## 6 Irish Publications/Reviews

### 6.1 Publications

The Committee did not publish any deliverables this year.

### 6.2 Reviews

There are no existing national publications, so no reviews were carried out in 2023.

## 7 Work programme for 2024 onwards

The committee will continue to meet twice annually and recognises the need to recruit new committee members to ensure levels of engagement with IEC and CENELEC can be maintained and increased.



**NSAI**  
Standards