



NSAI
Standards

Irish Standard Recommendation
S.R. CLC/TR 50584:2014

Information technology - CENELEC/ETSI Glossary of terms and definitions for broadband deployment including sustainability aspects

S.R. CLC/TR 50584:2014

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

CLC/TR 50584:2014

Published:

2014-09-26

*This document was published
under the authority of the NSAI
and comes into effect on:*

2014-10-24

ICS number:

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

TECHNICAL REPORT

CLC/TR 50584

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

September 2014

ICS 01.040.35; 35.110

English Version

**Information technology - CENELEC/ETSI Glossary of terms and
definitions for broadband deployment including sustainability
aspects**

Informationstechnik - CENELEC/ETSI-Wörterbuch von
Begriffen für die Breitbandnutzung einschließlich
Nachhaltigkeitsaspekte

This Technical Report was approved by CENELEC on 2014-09-01.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword	3
Introduction.....	4
1 Scope	4
2 General	5
3 Terms and definitions for networks and service provision	6
3.1 Networks	6
3.2 Service provision	9
4 Terms and definitions for network topology and divisions	11
5 Terms and definitions for cabling and related components.....	16
6 Terms and definitions for sustainability	18
7 Terms and definitions for transmission protocols and techniques.....	19
8 Terms and definitions for equipment.....	20
9 Glossary of abbreviations	23
Bibliography.....	25

Foreword

This document (CLC/TR 50584:2014) has been prepared by CLC/TC 215 "Electrotechnical aspects of telecommunication equipment" and ETSI/TC ATTM "Access, Terminals, Transmission and Multiplexing".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

Introduction

This Technical Report has been prepared to support the harmonization of terminology used by Technical Committees of CENELEC and ETSI, who are working in the field of Broadband Deployment, to ensure that their deliverables use consistent terms and definitions. It will allow Technical Committees to revise their existing publications to align the partly diverging terminology, which can currently be found in some of those publications.

Technical Committees will benefit from a harmonized glossary of terms and definitions during the development of future documents, in particular for cross-over topics affecting several Technical Committees in CENELEC and/or ETSI. Furthermore, readers of those documents will appreciate an advanced understanding of different deliverables addressing the same field of technology, as discussions about the meaning of terms will be minimized.

An online version of this Technical Report can be found at the following URL:

<http://uri.cenelec.eu/TRs/50584/2014/ed-01/CLCTR50584{2014}e.pdf>

1 Scope

This Technical Report contains a list of terms and definitions to be used in standardization deliverables in the field of broadband deployment. These terms and definitions are taken from both published and draft deliverables that were/are being developed by CLC/TC 215 and ETSI/TC ATTM, respectively.

NOTE CLC/TC 215 and ETSI/TC ATTM intended to examine the harmonization of differing terms and definitions in the future.

2 General

2.1.1

application

system, with its associated transmission method that is supported by telecommunications cabling

[SOURCE: EN 50173-1:2011, 3.1.5]

2.1.2

application

system, with its associated transmission method that is supported by telecommunications cabling (this corresponds to a Layer One application in the OSI 7-layer model)

[SOURCE: ETSI/TR 105 174-5-1 V1.1.1 (2009-10), 3.1; ETSI/TR 105 174-5-2 V1.1.1 (2009-10), 3.1]

2.2.1

broadcast and communication technologies

group of applications using the HF band (3 MHz to 30 MHz), the VHF band (30 MHz to 300 MHz) and the UHF band (300 MHz to 3 000 MHz) for transmission of sound radio, TV and two-way data services, as well as for in-home inter-networking

[SOURCE: EN 50173-1:2011, 3.1.14]

2.2.2

Broadcast Communication Technology (BCT) application

system, with its associated transmission method using the HF band (3 MHz to 30 MHz), the VHF band (30 MHz to 300 MHz) and the UHF band (300 MHz to 3 000 MHz) dedicated to the transmission of sound radio, TV and two-way data services, as well as for in-home inter-networking

NOTE: See EN 50173-1 [i.2] modified.

[SOURCE: ETSI/TR 105 174-5-1 V1.1.1 (2009-10), 3.1; ETSI/TR 105 174-5-2 V1.1.1 (2009-10), 3.1]

2.3

Industrial, Scientific and Medical (ISM) band

band of radio frequencies allocated for use for industrial, scientific and medical purposes

[SOURCE: ETSI/TR 105 174-4 V1.1.1 (2009-10), 3.1]

2.4.1

information and communication technologies

group of applications using information and communications (telecommunications) technologies

[SOURCE: EN 50173-1:2011, 3.1.42]

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-