



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

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Nachhaltigkeitsaspekte

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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 ATTU, respectively.

NOTE CLC/TC 215 and ETSI/TC ATTU 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]

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