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TESTING



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## CMTS Requirements Euro-PacketCable Qualification

--- Project Reference ---

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## 1 Introduction

This document specifies and clarifies the requirements for a CMTS (Cable Modem Termination System) that is submitted for Euro-PacketCable 1.0 or Euro-PacketCable 1.5 certification.

This document is dynamic in nature and vendors should be checking for updates regularly.

Specific document version numbers are however not mentioned. The version numbers applicable for a specific Euro-PacketCable Certification Wave are published in the guidelines for that wave.

Chapter 2 explains the normative documents for Euro-PacketCable 1.0 certification, while chapter 3 describes them for Euro-PacketCable 1.5 certification.

## 2 Normative documents for Euro-PacketCable 1.0

### 2.1 PKT-SP-DQOS

This document defines the dynamic quality of service protocol.

For Euro-PacketCable RSVP+ support is not part of the testing.

The requirements for the CMTS on the interface towards the Delivery Function (electronic-surveillance) must be supported and will be tested for.

### 2.2 PKT-SP-SEC

This document defines the security protocols. Specific requirements for Euro-PacketCable certificates are defined in [Euro-PacketCable Certificate Requirements].

### 2.3 Euro-PacketCable Certificate Requirements

This document defines the requirements for Euro-PacketCable certificates.

### 2.4 Stability and scalability

Special attention has to be given to this document [Euro-PacketCable Scalability and Stability] as this provides information on minimum requirements that must be met by a CMTS regarding scalability and stability.

## 3 Normative documents for Euro-PacketCable 1.5

### 3.1 PKT-SP-DQOS1.5

This document defines the dynamic quality of service protocol.

For Euro-PacketCable RSVP+ support is not part of the testing.

The requirements for the CMTS on the interface towards the Delivery Function (electronic-surveillance) must be supported and will be tested for.



The Multiple Grants per Interval feature must also be supported.

### **3.2 PKT-SP-SEC1.5**

This document defines the security protocols. Specific requirements for Euro-PacketCable certificates are defined in [Euro-PacketCable Certificate Requirements].

### **3.3 Euro-PacketCable Certificate Requirements**

This document defines the requirements for Euro-PacketCable certificates.

### **3.4 Stability and scalability**

Special attention has to be given to this document [Euro-PacketCable Scalability and Stability] as this provides information on minimum requirements that must be met by a CMTS regarding scalability and stability.

