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Standards Report - AES67 Protocol Implementation Conformance Statement (PICS) Summary

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Abstract

An AES67-2018 Protocol Implementation Conformance Statement (PICS) documents the capabilities of an AES67 implementation. A PICS covers all aspects of AES67 standards compliance and runs to some 25 pages. This report describes a two page summary of the primary options and interoperability points documented in a completed PICS. Though neither precise nor complete, it is useful as a cover sheet for a published PICS and to help quickly assess interoperability capabilities between implementations.

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Foreword

This foreword is not part of the *AES67 Protocol Implementation Conformance Statement (PICS) summary*.

This document was developed in the SC-02-12-M task group on AES67 development under the leadership of Kevin Gross.

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0 Introduction

0.1 General

With the publication of AES67-2018, a Protocol Implementation Conformance Statement (PICS) has been included (as Annex G) in the standard. A completed PICS documents the capabilities of an AES67 implementation and can be used as the basis for implementation testing to assure compliance by manufacturers or independent entities. Furthermore, the completed PICS serves as a detailed indication of the capabilities of the implementation and can serve as the basis for assessing interoperability between implementations.

Because the PICS covers all aspects of AES67 standards compliance and runs to some 25 pages, the authors of the standard felt that a concise summary of the primary options and interoperability points documented in a completed PICS would be useful as a cover sheet for a published PICS and to help quickly assess interoperability capabilities between implementations. This Interoperability Summary is, however, neither precise nor complete. For detailed comparisons, please refer to the PICS itself.

0.2 Document Conventions

In this report, a Courier typeface may be used to identify computer code expressions to distinguish them from regular text.

Numerical values are decimal unless otherwise stated.

1 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

AES67-2018 *AES standard for audio applications of Networks - High-performance streaming audio-over-IP interoperability*, Audio Engineering Society, New York, NY., US.

2 Notes on completing the summary

2.1 General

Items highlighted in green are multiple choice responses and so may have check marks in more than one box. Items highlighted in orange are single choice responses so only one of the highlighted boxes may be checked. PICS statements associated with each summary item are indicated in clause 2.2 below. Summary items are only satisfied if ALL the associated PICS statements are satisfied.