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# ETSI TS 101 340 V1.1.1 (1999-09)

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*Technical Specification*

**Telecommunications and Internet Protocol  
Harmonization Over Networks (TIPHON);  
Protocol Implementation Conformance Statement (PICS)  
proforma for the support of supplementary services in H.323;  
Support of H.450.1**

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## Foreword

This Technical Specification (TS) has been produced by ETSI Project Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON).

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## Introduction

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

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# 1 Scope

The present document provides the Protocol Implementation Conformance Statement (PICS) proforma for the generic functional protocol for the support of supplementary services in ITU-T Recommendation H.323 [2] as specified in ITU-T Recommendation H.450.1 [1] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [5].

The supplier of a protocol implementation which is claimed to conform to ITU-T Recommendation H.450.1 [1] is required to complete a copy of the PICS proforma provided in annex A of the present document and is required to provide the information necessary to identify both the supplier and the implementation.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] ITU-T Recommendation H.450.1 (1998): "Generic functional protocol for the support of supplementary services in H.323".
- [2] ITU-T Recommendation H.323 (1998): "Packet based multimedia communications systems".
- [3] ITU-T Recommendation H.225.0 (1998): "Call signalling protocols and media stream packetization for packet-based multimedia communication systems".
- [4] ISO/IEC 9646-1 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- [5] ISO/IEC 9646-7 (1995): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".

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# 3 Definitions and abbreviations

## 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

- terms defined in ITU-T Recommendation H.323 [2];
- terms defined in ITU-T Recommendation H.450.1 [1];
- terms defined in ISO/IEC 9646-1 [4] and in ISO/IEC 9646-7 [5].

In particular, the following terms defined in ISO/IEC 9646-1 [4] apply:

**Implementation Conformance Statement (ICS):** statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented. The PICS can take several forms: protocol PICS, profile PICS, profile specific PICS, information object PICS, etc.

**ICS proforma:** document, in the form of a questionnaire, which when completed for an implementation or system becomes a PICS.

**Protocol ICS (PICS):** ICS for an implementation or system claimed to conform to a given protocol specification.

## 3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

APDU	Application Protocol Data Unit
GK	Gatekeeper
ICS	Implementation Conformance Statement
IUT	Implementation Under Test
MCU	Multipoint Control Unit
MSI	Manufacturer Specific Information
PDU	Protocol Data Unit
PER	Packed Encoding Rules
PICS	Protocol Implementation Conformance Statement
ROS	Remote Operations Service
SCS	System Conformance Statement
SS	Supplementary Service
SUT	System Under Test

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## 4 Conformance to this PICS proforma specification

If it claims to conform to the present document, the actual PICS proforma to be filled in by a supplier shall be technically equivalent to the text of the PICS proforma given in annex A, and shall preserve the numbering/naming and ordering of the proforma items.

A PICS which conforms to the present document shall be a conforming PICS proforma completed in accordance with the guidance for completion given in clause A.1.



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## Annex A (normative): PICS proforma for ITU-T Recommendation H.450.1

Notwithstanding the provisions of the copyright clause related to the text of the present document, ETSI grants that users of the present document may freely reproduce the PICS proforma in this annex so that it can be used for its intended purposes and may further publish the completed PICS.

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### A.1 Guidance for completing the PICS proforma

#### A.1.1 Purposes and structure

The purpose of this PICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in ITU-T Recommendation H.450.1 may provide information about the implementation in a standardized manner.

The PICS proforma is subdivided into subclauses for the following categories of information:

- guidance for completing the PICS proforma;
- identification of the implementation;
- identification of the protocol;
- global statement of conformance; ([standards.iteh.ai](https://standards.iteh.ai))
- roles;
- major capabilities; <https://standards.iteh.ai/catalog/standards/sist/1db63b5d-b8f4-4a47-b725-bd714e6cd7e5/sist-ts-ts-101-340-v1-1-1-2004>
- subsidiary capabilities;
- operations;
- arguments, results and errors;
- timers.

#### A.1.2 Abbreviations and conventions

The PICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7.

##### **Item column**

The item column contains a number which identifies the item in the table.

##### **Item description column**

The item description column describes in free text each respective item (for example parameters, timers, etc.). It implicitly means "is < item description > supported by the implementation?".