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Australian Standard®

**Information technology—Framework
and taxonomy of international
standardized profiles**

Part 2: Taxonomy of profiles



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Part 2: Taxonomy of profiles

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PREFACE

This Standard was prepared by the Standards Australia Committee on Information Technology—Interconnection. It is identical with and has been reproduced from ISO/IEC/TR 10000-2:1990, *Information technology—Framework and taxonomy of International Standardized Profiles—Part 2: Taxonomy of Profiles*.

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Add. 2	Class four operation over connectionless network service	—	
8473	Information processing systems—Data communications—Protocol for providing the connectionless-mode service	—	
8602	Information processing systems—Open Systems Interconnection—Protocol for providing the connectionless-mode transport service	3627	Information processing systems—Open Systems Interconnection—Protocol for providing the connectionless-mode transport service
8613	Information processing—Text and office systems—Office Document Architecture (ODA) and interchange format	3951	Information processing—Text and office systems—Office Document Architecture (ODA) and interchange format
TR 10000	Information technology—Framework and taxonomy of International Standardized Profiles	3966	Information technology—Framework and taxonomy of International Standardized Profiles
10000-1	Part 1: Framework	3966.1	Part 1: Framework
10021	Information processing systems—Text communication—Message Oriented Text Interchange System	—	
10028	Information processing systems—Telecommunications and information exchange between systems—Definition of the relaying functions of a Network Layer intermediate system	—	
TR 10029	Information technology—Telecommunications and information exchange between systems—Operation of an X.25 interworking unit	—	
TR 10172	Information technology—Telecommunications and information exchange between systems—Network/Transport protocol interworking function	—	

Directives Part 3	Drafting and presentation of International Standards	—
CCITT X.224	Transport Protocol Specification for Open Systems Interconnec- tion for CCITT Applications	—
X.400:1984	Recommendations X.400–X.430: Data Communication Networks: Message Handling Systems	—
X.400:1988	Recommendations X.400–X.430: Data Communication Networks: Message Handling Systems	—

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Information technology—Framework and taxonomy of international standardized profiles

Part 2: Taxonomy of profiles

1 Scope

The purpose of this part of ISO/IEC/TR 10000 is to provide a full classification for Profiles which may be or have been submitted for ratification as International Standardized Profiles (ISPs).

ISO/IEC/TR 10000-1 defines the concept of Profiles, as documented in ISPs, and gives guidance to organizations making proposals for Draft ISPs, on the nature and content of the documents they are producing.

ISO/IEC/TR 10000 is intended to be applied to Profiles in the area of competence of JTC 1, and within this, priority consideration has been given to Profiles in the OSI area, i.e. those which specify OSI base standards, and those which are expected to be used in conjunction with them. In addition, as a lower priority, it is also applicable to Profiles specifying the use of other JTC 1 base standards. However, it is recognized that the scope of the concept of Profiles may ultimately be wider than that of JTC 1.

The existence of a Profile classification in this part of ISO/IEC/TR 10000 does not reflect a judgement by ISO/IEC JTC 1/SGFS that a Profile is required for such capability. It merely provides a capability to identify uniquely such a function and to enable evaluation of PDISPs.

Since Profiles will be proposed according to needs identified to SGFS and according to the progress of international base standardization, the Taxonomy will be periodically updated in order to reflect the progress reached. It is also recognized that there will be proposals for the extension of the Taxonomy to cover functions which were not identified during preparation of this version of ISO/IEC/TR 10000. These extensions may be identified by a variety of proposers and involve simple extensions to the existing Taxonomy or the addition of new functional areas not currently covered by ISO/IEC/TR 10000. The inclusion of such extensions is administered following the procedures, currently under elaboration in JTC 1/SGFS.

A distinction has been made between a Profile and

an ISP documenting one or more Profiles. The Taxonomy is only concerned with Profiles, but further information is given in the "Directory of ISPs and Profiles contained therein" as to which ISP contains the documentation of a Profile.

This *Directory* is maintained as an JTC1/SGFS document (JTC 1/SGFS N 100) and will be updated on a regular basis. For each Profile in the Taxonomy, it will also provide additional information, including such about the status of the identified Profiles.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC/TR 10000. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC / TR 10000 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO/IEC 8073: 1988, *Information processing systems - Open Systems Interconnection - Connection oriented transport protocol specification*.

ISO/IEC 8073/Add. 2: 1989, *Information processing systems - Open Systems Interconnection - Connection oriented transport protocol specification - Addendum 2: Class four operation over connectionless network service*.

ISO/IEC 8473: 1988, *Information processing systems - Data communications - Protocol for providing the connectionless-mode network service*.

ISO/IEC 8602: 1987, *Information processing systems - Open Systems Interconnection - Protocol for providing the connectionless-mode transport service*.

ISO/IEC 8613: 1989, *Information processing - Text and office systems - Office Document Architecture (ODA) and interchange format*.