

INTERNATIONAL STANDARDIZED PROFILE

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Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles —

Part 2: Common Supporting Layers Requirements

*Technologies de l'information — Profils normalisés internationaux AVT1n,
AVT2n — Classe de base du terminal virtuel — Profils d'application —*

Partie 2: Prescriptions communes pour couches support



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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. In addition to developing International Standards, ISO/IEC JTC 1 has created a Special Group on Functional Standardization for the elaboration of International Standardized Profiles.

An International Standardized Profile is an internationally agreed, harmonized document which identifies a standard or group of standards, together with options and parameters, necessary to accomplish a function or set of functions.

Draft International Standardized Profiles are circulated to national bodies for voting. Publication as an International Standardized Profile requires approval by at least 75% of the national bodies casting a vote.

International Standardized Profile ISO/IEC ISP 11187-2 was prepared with the collaboration of

- Asia-Oceania Workshop (AOW);
- European Workshop for Open Systems (EWOS);
- Open Systems Environment Implementors' Workshop.

ISO/IEC ISP 11187 consists of the following parts, under the general title *Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles*:

- *Part 1: Common VT Protocol Requirements*
- *Part 2: Common Supporting Layers Requirements*
- *Part 3: AVT22 — S-mode Forms Application Profile*
- *Part 4: AVT23 — S-mode Paged Application Profile*
- *Part 5: AVT16 — A-mode Generalized Telnet Application Profile*
- *Part 6: AVT15 — A-mode Transparent Application Profile*

Annex A forms an integral part of this part of ISO/IEC ISP 11187.

Introduction

ISO/IEC ISP 11187 is defined within the context of Functional Standardization, in accordance with the principles specified in ISO/IEC TR 10000, "Framework and Taxonomy of International Standardized Profiles". The context of Functional Standardization is one part of the overall field of Information Technology (IT) standardization activities, covering base standards, profiles and registration mechanisms.

This International Standardized Profile contains Open Systems Interconnection (OSI) Application Profiles (A-profiles) defined within the framework of ISO/IEC TR 10000 for Virtual Terminal Basic Class Service and Protocol that is specified in ISO 9040 and ISO 9041-1.

This part of ISO/IEC ISP 11187 contains requirements that are common to more than one Application Profile. It does not in itself contain the specification of any one OSI Application Profile. The requirements it contains are instead incorporated by reference into other parts of ISO/IEC 11187 that do contain such specifications.

This part of ISO/IEC ISP 11187 was developed in close cooperation between the three Regional OSI Workshops, namely the OSE Implementors' Workshop (OIW) of the United States, the European Workshop for Open Systems (EWOS) and the OSI Asia-Oceania Workshop (AOW). The text is harmonized between these three Workshops and it has been ratified by the plenary assemblies of each Workshop.