

# Information technology — International Standardized Profile AOD1n — Interactive Manipulation of ODA Documents —

## Part 2: AOD12 — DTAM/Insert

ICS 35.100.05

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### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO/IEC ISP title page, pages ii to vi, pages 1 to 27 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been prepared under the direction of the DISC Board, was published under the authority of the Standards Board and comes into effect on 15 April 1998

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ISBN 0 580 29699 7

### Amendments issued since publication

| Amd. No. | Date | Comments |
|----------|------|----------|
|          |      |          |
|          |      |          |
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INTERNATIONAL  
STANDARDIZED  
PROFILE

ISO/IEC  
ISP  
15121-2

First edition  
1997-12-15

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**Information technology — International  
Standardized Profile AOD1n — Interactive  
Manipulation of ODA Documents —**

**Part 2:  
AOD12 — DTAM/Insert**

*Technologies de l'information — Profil normalisé international AOD1n —  
Manipulation interactive de documents ODA —*

*Partie 2: AOD12 — DTAM/Insertion*



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**Descriptors:** Data processing, information interchange, network interconnection, open systems interconnection, text communication, communication procedure, documents, document architecture.

## 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 a 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 15121-2 was prepared with the collaboration of

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

ISO/IEC ISP 15121 consists of the following parts, under the general title *Information technology — International Standardized Profile AOD1n — Interactive Manipulation of ODA Documents*:

- *Part 1: AOD11 — DTAM/Read Only*;
- *Part 2: AOD12 — DTAM/Insert*;
- *Part 3: AOD13 — DTAM/Manipulation*.

Annex A forms an integral part of this part of ISO/IEC ISP 15121. Annex B and Annex C are for information only.



## 1 Scope

### 1.1 General

AODnn International Standard Profiles (ISPs) specify constraints on implementations of the Abstract Interface for the manipulation of ODA (Open Document Architecture) documents, ITU-T Rec. T.413 | ISO/IEC 8613-3, in order to facilitate different implementations of interactive remote document manipulation applications.

ISO/IEC ISP 15121 specifies such constraints when the Abstract Interface for the manipulation of ODA documents (AI) is used in combination with Document Transfer and Manipulation for Confirmed Document Manipulation (DTAM-DM), ITU-T Rec. T.435 and T.436. In this case, constraints on implementations of ITU-T Rec. T.435 and T.436 are also specified.

This part of ISO/IEC ISP 15121 (Interactive Manipulation of ODA Documents — DTAM/Insert) specifies such constraints for the implementation of applications that provide insert operations on remote ODA documents in an Open Systems Interconnection (OSI) environment.

### 1.2 Position within the Taxonomy

This part of ISO/IEC ISP 15121 is defined in the taxonomy for Interactive Manipulation of ODA Documents, described in EWOS/TA/94/272 (EWOS/EG/SMMI/94/128). It is the intermediate profile of those using DTAM (AOD1n).

This part of ISO/IEC ISP 15121 is intended for implementations where ODA documents can be reviewed and modified with insert operations.

It is a superset of AOD11 and a subset of AOD13 profiles.

### 1.3 User Requirements and Scenario

The model used in this part of ISO/IEC ISP 15121 is that of remote document applications using services provided by the Abstract Interface for the manipulation of ODA documents (AI), in combination with DTAM confirmed document manipulation (DTAM-DM) service and protocol, in order to get access to a remote ODA document.

In this model, the manipulating application will be called *ODA document manipulation client*, while the system to which ODA clients will remotely access for document interactive manipulation will be called *ODA document manipulation server*. The ODA server application will store the documents and will perform the operations on them.

Figure 1 illustrates the environment within which this part of ISO/IEC ISP 15121 is applicable.

## 2 Normative References

The following documents contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC ISP 15121. At the time of publication, the editions indicated were valid. All documents are subject to revision, and parties to agreements based on this part of ISO/IEC ISP 15121 are warned against automatically applying any more recent editions of the documents listed below, since the nature of references made by ISPs to such documents is that they may be specific to a particular edition. Members of IEC and ISO maintain registers of currently valid International Standards and ISPs, and ITU-T maintains published editions of its current Recommendations.

### 2.1 Identical Recommendations | International Standards

- ITU-T Recommendation T.413 (1994) | ISO/IEC 8613-3:1995, *Information technology — Open Document Architecture (ODA) and interchange format: Abstract interface for the manipulation of ODA documents*.
- ITU-T Recommendation T.422 (1995) | ISO/IEC 8613-12:1996, *Information technology — Open Document Architecture (ODA) and interchange format: Identification of document fragments*.

### 2.2 Additional References

- ITU-T Recommendation T.435 (1995), *Document Transfer And Manipulation (DTAM) — Services and Protocols — Abstract service definition and procedures for confirmed document manipulation*.
- ITU-T Recommendation T.436 (1995), *Document Transfer And Manipulation (DTAM) — Services and Protocols — Protocol specifications for confirmed document manipulation*.

- ISO/IEC ISP 11188-1:1995, *Information technology — International Standardized Profile — Common upper layer requirements — Part 1: Basic connection oriented requirements.*
- ISO/IEC ISP 11188-2:1996, *Information technology — International Standardized Profile — Common upper layer requirements — Part 2: Basic connection oriented requirements for ROSE-based profiles.*
- ISO/IEC ISP 11188-3:1996, *Information technology — International Standardized Profile — Common upper layer requirements — Part 3: Minimal OSI upper layer facilities.*
- ISO/IEC ISP 15121-1:1997, *Information technology — International Standardized Profile AOD1n — Interactive Manipulation of ODA Documents — Part 1: DTAM/Read Only.*
- ISO/IEC ISP 15121-3:1997, *Information technology — International Standardized Profile AOD1n — Interactive Manipulation of ODA Documents — Part 3: AOD13 — DTAM/Manipulation.*

