

JT-X700
OSI Network Management - Architecture Specification

1.Relations with international standards

This standard defines the architecture specification for OSI network management. It is based on ITU-T draft Recommendations X.700 and X.701 that were discussed at SG 7 meeting in November 1990.

2.Summary of departures from ITU-T Recommendations

Two ITU-T draft Recommendations mentioned above are combined into the one architecture specification through integration, elimination and reconfiguration of their contents. Two additional descriptions are included in this standard because this standard is one of a series of TTC Standard that specify the functional standards for OSI network management. One is the description concerning functional standards (Chapter 8. Installation perspectives), and the other is the correspondence to other basic and functional standards (Annex A. Relations with other standards). Some descriptions are also added enrich the management in formation description in the above ITU-T draft Recommendations. Table A lists the comparison between ITU-T Recommendations and TTC Standards.

Table A Comparison between ITU-T Recommendations and TTC Standards (1/2)

ITU-T Recommendations	Corresponding TTC Standard	Remarks
	JT-X700	
	1. General description of OSI network management	Added to TTC
	2. Scope of architecture standard	Added to TTC
X.700		
Introduction	-----	Added to TTC
1. Scope	-----	Added to TTC
2. Normative references	< Reference >	
3. Definitions and abbreviations	Appendix 1 Glossary of terms	
4. Concepts in OSI Management	3. Network management architecture	
	3.1 Objectives of network management	
	3.2 Network management model	
5. Model for OSI Management	4. Functional perspectives	
6. OSI Management specifics	-----	
Annex		

Table A Comparison between ITU-T Recommendations and TTC Standards (2/2)

ITU-T Recommendations	Corresponding TTC Standard	Remarks
X.701 Introduction	----- -----	
1. Scope	< Reference > Appendix 1 Glossary of terms	
2. Normative references		
3. Definitions and abbreviations	3.2 Network management model	
4. Systems Management	4. Functional perspectives	
5. Systems Management model	6. Communications perspectives 6.1 Functional model of network management 6.2 Common management knowledge 7.2 Management domain	Added to TTC
6. Systems Management standards	5. Information perspectives 5.1 Management information structure	Compliance is not specified
7. Conformance and compliance	5.2 Relationships between managed objects 5.3 Naming of managed objects	
Annex A Application context for Systems Management	7. Management perspectives 7.1 Management layers	Added to TTC
Annex B Appendix 2 Conformance	8. Installation perspectives 8.1 Installation method	Added to TTC
Scope statement for Systems Management functions	8.2 Functional standard	Added to TTC
	Annex A Relations with other standards	Added to TTC Added to TTC Added to TTC Added to TTC
		Added to TTC

3.Revision history

Version No.	Date	Content of version
1st version	April 26,1991	First version

4.Others

(1) Recommendations and Standards for reference

TTC standard : JT-X710

ITU-T Recommendations: X.200, X.208, X.209, X.217, X.227, X.219, X.229, X.290, X.710, X.711, M.30

ITU-T draft

Recommendations: X.660, X.700, X.701, X.720, X.721, X.722, X.730, X.731, X.732, X.733, X.734, X.735, X.736

ISO Standards: ISO 7498:1984,

ISO/IEC 7498-4:1989,

ISO 8825:1989,

ISO 8649:1988,

ISO 8650:1988,

ISO/IEC 9072-1:1989,
ISO/IEC 9072-2:1989,
ISO/IEC DIS 9646-1,
ISO/IEC 9545:1989,
ISO/IEC 9595:1991,
ISO/IEC 9596-1:1991,
ISO/IEC DIS 10040,
ISO/IEC DIS 10165-1,
ISO/IEC DIS 10165-2,
ISO/IEC DIS 10165-4,
ISO/IEC DIS 10164-1,
ISO/IEC DIS 10164-2,
ISO/IEC DIS 10164-3,
ISO/IEC DIS 10164-4,
ISO/IEC DIS 10164-5,
ISO/IEC DIS 10164-6,
ISO/IEC DIS 10164-7