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Unified Ordering Model (UOM)

Volume III - Design

For Access Service Ordering Guidelines (ASOG)

Version 65



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1 Scope, Purpose, & Field of Application

1.1 Scope

The scope of this specification is to develop an Alliance for Telecommunications Industry Solutions (ATIS) standard that specifies an interface for the Unified Ordering Model – Access Service Request (UOM-ASR). The interface is specified using the telecommunications Markup Language (an extension of XML), as defined in tML Framework Document (ITU-T M.3030).

1.2 Purpose

This standard defines tML Schemas for the TMN X-interface (M.3010) to support the UOM-ASR.

This standard uses tML Schemas for conveying request, response, notification, acknowledgement, and exception response information across an interactive interface. This standard allows access service customers to do the following interactions:

- Request
- Response
- Notification
- Acknowledgement
- Exception Response

1.3 Application

The tML Schemas presented in this document are based on the packages in UOM, an information model described in UOM-ASR Volume II. The tML Schemas included in this document are: UOM-Base, UOM-ASR, UOM-ASRInquiry, UOM-ASRMEC and UOM-ASRNotify. The UOM-Base Schema defines all reusable domain specific and non-domain specific common types and elements that are used in tML Schemas for various UOM applications. The first application is UOM-ASR as described in this document.

The request, response, notification, acknowledgement, and exception response functions are supported in the UOM (information model in UOM-ASR Volume II) by defining object classes, their properties, and their relationships. While the UOM-ASR Volume II is the technology-independent specification of UOM, UOM-ASR Volume III is a technology-specific definition of the access domain interactions of the information model described in UOM-ASR Volume II. The tML Schemas (namely UOM-ASR, UOM-ASRInquiry, UOM-ASRMEC and UOM-ASRNotify) present the service request, inquiry, notification, acknowledgement, and exception response interactions in the access domain.

2 Standards/References

The following standards and industry guidelines provide supportive documentation to this document.

2.1 ATIS References

- *ATIS-0404000-0065: Access Service Ordering Guidelines (ASOG), Effective September 2022*
- *ATIS-0404120-0011: Multiple Exchange Carriers Ordering and Design (MECOD)*