

General - Problem Statement

Model Documentation



The European message format for the gas market

Version 6.1

Document Version: 4

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1 Model Detail

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2 Document Schema Overview

The table below contains an overview of the different message types described in this document, and the corresponding current schema version for each type.

Message Type	Message Name	Schema Version
PRBLEM	Problem Statement Document	1

3 Document usage decision table

The following decision table provides a summary of the message requirements depending on the type of message:

Problem Statement Document	Document Expected but not received
identification	Mandatory.
version	Mandatory.
documentCode	AVH = Document expected but not received.
creationDateTime	Mandatory.
ValidityPeriod	Mandatory.
issuer_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code)
issuer_MarketParticipant.marketRole.roleCode	Mandatory. Any role possible depending on message origin.
recipient_MarketParticipant.identification	Mandatory; codingScheme = 305 (EIC Party X code)
recipient_MarketParticipant.marketRole.roleCode	Mandatory. Any role possible depending on message origin.
expected_Document.documentCode	Mandatory A valid document code identifying a type of document that is expected. Refer to the Edig@s DocumentCodeType codelist for the list of valid codes.
expected_Document.creationDateTime	Mandatory Identifying the date and time that the document was expected.
Reason.reasonCode	68G = Other. (Additional text provided)
Reason.text	Explanation of why the document is expected.

4 Problem Statement Document

4.1 Business Process

The Problem Statement is sent by a party expecting the delivery of a specific electronic document that has not been received by a certain time.

For example, a Matching System Operator expecting a Delivery Order Document from an Initiating System Operator may use a Problem Statement Document to remind the Initiating System Operator that the Delivery Order is expected.

4.2 Problem Statement Document (PRBLEM)

4.2.1 Problem Statement Document Contextual Model

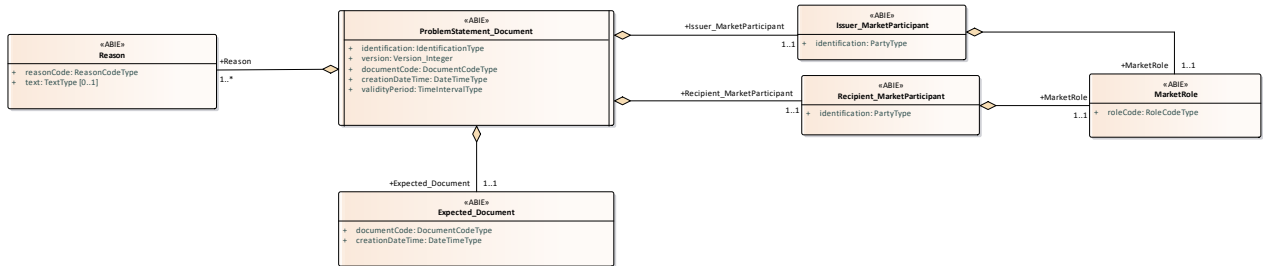


Figure: 1 Problem Statement Document Contextual Model

4.2.2 Problem Statement Document Assembly Model

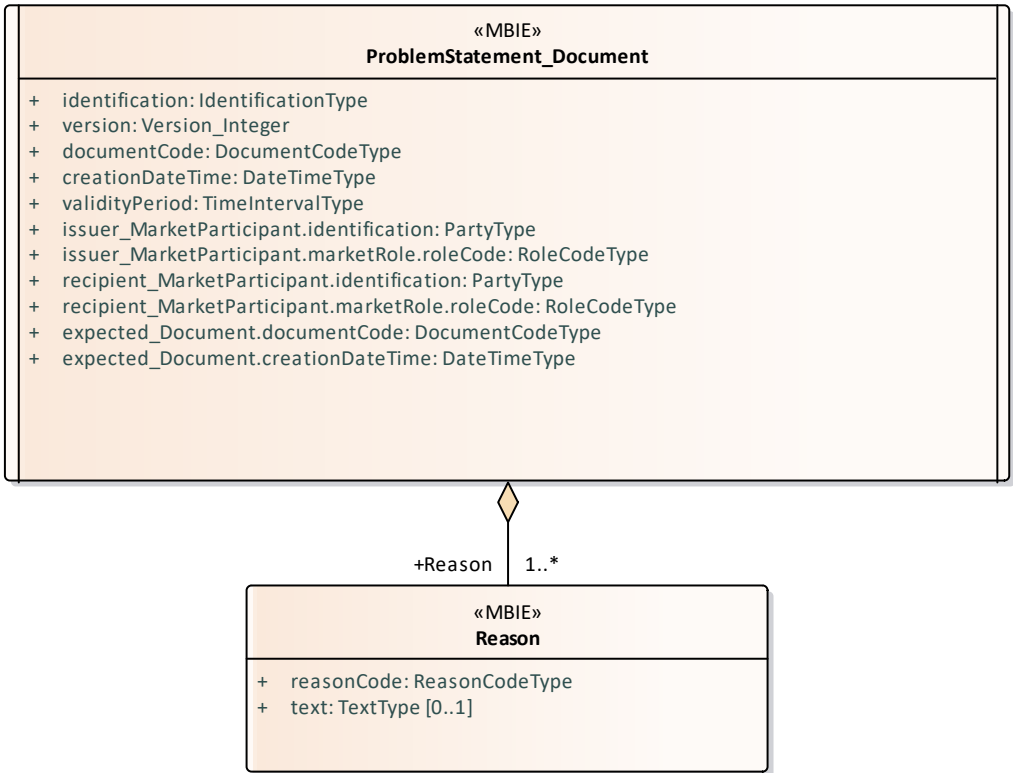


Figure: 2 Problem Statement Document Assembly Model

4.2.2.1 ProblemStatement_Document

This class provides the basic information needed to describe most electronic documents.

4.2.2.1.1 Attributes

Attribute	Description	Multiplicity
identification	A unique identification of a document that is assigned by the issuer. This identifies the document being reported.	
version	Version of the document being sent. The first version number for a given document identification shall normally be 1. The document version number must be incremented for each retransmission of a document that contains changes to the previous version. The receiving system shall only accept a document with a version number which is greater than the previous version number of the same document.	
documentCode	Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes).	
creationDateTime	Date and time of the creation of the current document expressed in UTC.	
validityPeriod	The start and end date and time expressed in UTC of the period of validity covered in the document.	
issuer_MarketParticipant.identification	The identification of the party participating in the market.	
issuer_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes)	
recipient_MarketParticipant.identification	The identification of the party participating in the market.	
recipient_MarketParticipant.marketRole.roleCode	A code identifying the role played by a market participant in the market. (Refer to Edig@s RoleCodeTypeCodeList for the list of valid codes)	
expected_Document.documentCode	Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes). --- The document that has not yet been received. It is identified by its document code and the xpected date and time created.	
expected_Document.creationDateTime	Date and time of the creation of the current document expressed in UTC. --- The document that has not yet been received. It is identified by its document code and the xpected date and time created.	

4.2.2.2 Reason

The motivation of an act.

4.2.2.2.1 Attributes

Attribute	Description	Multiplicity
reasonCode	The motivation of an act in coded form. (Refer to the Edig@s ReasonCodeTypeCodeList for the list of valid codes).	
text	The textual explanation corresponding to the reason code.	[0..1]

5 Document Change Log

5.1 Version

5.1.1 Attributes

Attribute	Description	Multiplicity
Version 1 2020-06-29	Initial release.	
Version 2 2021-07-05	Release 6.1	
Version 3 2025-06-17	Corrected spelling errors in section 3. Updated document header.	
Version 4 2026-06-25	Added new section for document schema overview	