
IEC TC57 WG16 MAINTENANCE REQUEST

Maintenance notice:

This template needs to be completed and sent to: WG16@iectc57.org

Rules:

All participants in the IEC TC 57 WG16 may issue a Maintenance Request concerning IEC TC 57 WG16 documents, UML models or code components. This document defines the form that is to be used to submit such a request.

General guidelines for the Maintenance Request submission:

- The form is to be completed with all the necessary information.
- All associated documents required for the understanding of the Maintenance Request are to be provided.
- It is highly recommended to provide a presentation describing the use cases and why a change to an existing standard is necessary. Each use case must relate to an ongoing or upcoming project (American, European or National project). Valuable contextual information must be provided such as European regulations or directives, project specifications, and so on.
- If needed the requester can be invited to present their Maintenance Request to IEC TC57 WG16. Failing that an IEC TC57 WG16 member should champion the Maintenance Request so that any questions raised may be immediately resolved.

The IEC TC57 WG16 Convener will inform the submitter when the Maintenance Request is to be reviewed by the WG 16.

The Maintenance Request shall be provided to IEC TC57 WG16 Members and Corresponding Members at least one week prior to its presentation for approval.

The Maintenance Request will be debated within IEC TC57 WG 16 and its Members shall state:

- If the Maintenance Request is to be rejected and the reason of rejection.
- If the Maintenance Request is accepted.
- If the Maintenance Request is accepted with changes.

All decisions shall be obtained through consensus¹.

In all cases, the requester shall be informed of the IEC TC57 WG 16 decision.

Accepted Maintenance Requests, before being implemented in the existing standards, shall be updated in a common excel sheet.

¹ ISO definition of Consensus: “general agreement, characterized by the absence of sustained opposition to substantial issues by any important part of the concerned interests and by a process that involves seeking to take into account the views of all parties concerned and to reconcile any conflicting arguments”.

General Information

Date of submission:	22/02/2024
Submitter Name:	Bhagyashree Wahie
Organisation:	ENTSO-E
E-mail:	bwahie@entsoe.eu
Maintenance Request ID	BW_20240222_01
Maintenance Request title	Introduce an attribute resolution in Time period class in from CIM

Description of the issue (Business requirements, use cases...

The requirement comes from the EU Implementing regulation for access to metering & consumption data.

Need: The resolution attribute will provide an arrangement for accessing future data that falls under the scope of permission but is not immediately accessible when the permission is granted. It will specify the frequency and timing of when data packages will be provided, where relevant.

It will also clarify the interval between successive data packages that are transmitted from the Metered Data Administrator to the Eligible Party (those entitled to access the data). This interval is expressed according to ISO 8601 standards in a specified format.

PnYnMnDTnHnMnS.

For example: **PT1D** for daily publications.

Possible impacts on profiles (ESMP or profiles based on ESMP)

It will be an addition of a resolution attribute with cardinality [0..1] in the time_period class and a change of cardinality of the existing time_interval attribute to [0..1] in ESMP.

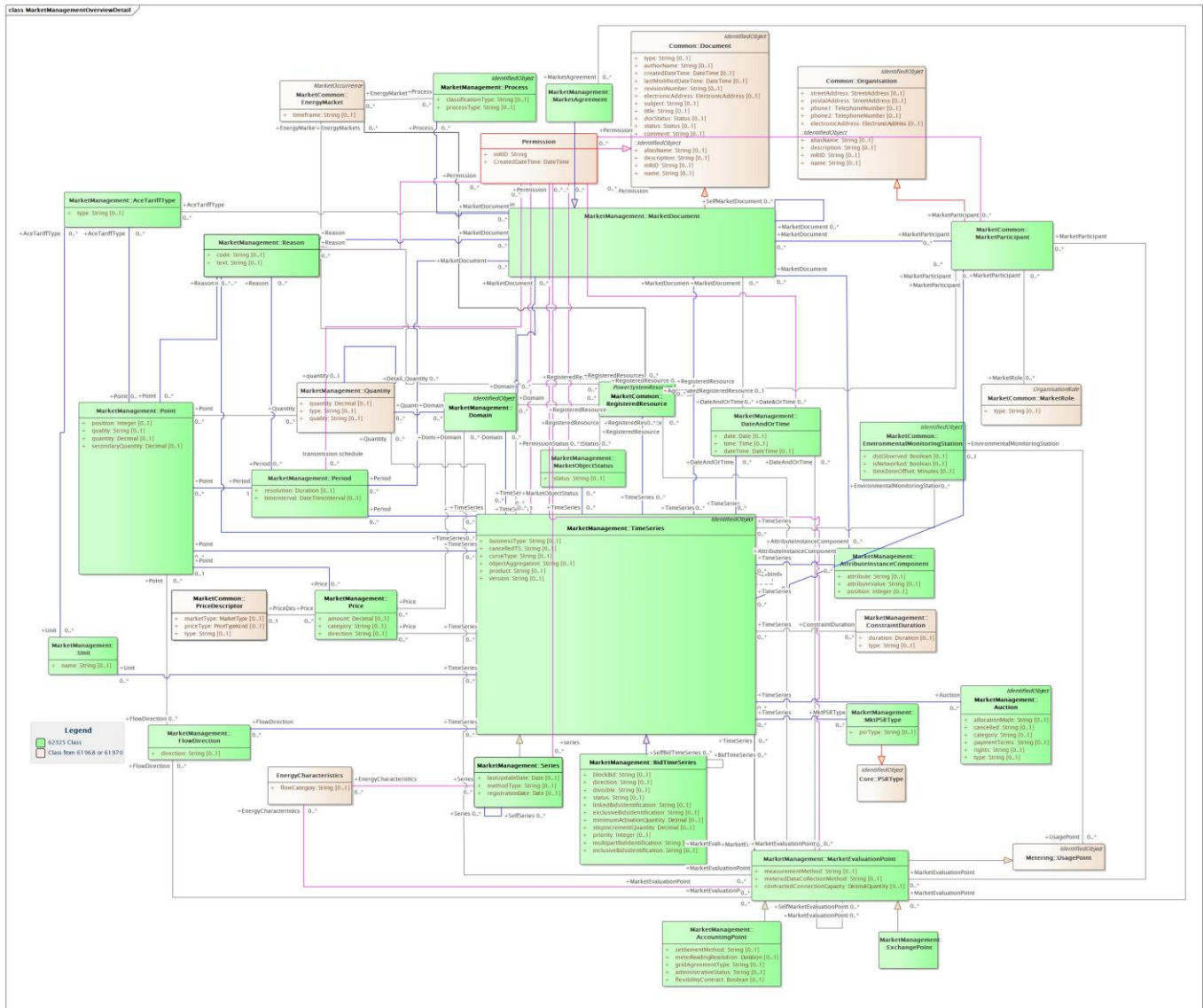
Description of the update

4.1 This request applies an update of IEC 62325-301 (If yes, please fill the points below)

Add an association between permission class and period class with cardinality [0..*]

Description of the change/update

- Reference to XMI (Optional)
- Snapshot of the update in IEC 62325-301 before



- Class and attributes descriptions

4.2 Description of update of IEC 62325-351 (If yes, please fill the points below)

- Description of the change/update

Use the attribute resolution from period class in Market management package inside the time period class of ESMP with cardinality [0..1] as well as change the cardinality of the attribute time_interval to [0..1] and add an association from TimePeriod class to Permission class with cardinality [0..*]

- Reference to XMI (Optional)

- Snapshot of the update in IEC 62325-351 before



- Class and attributes descriptions

Class Name	Class Description	Attribute Name	Attribute type	Attribute Description	Cardinality
Timeperiod	The identification of a time interval or a duration.	resolution	duration	The number of units of time that compose an individual step within a period.	0..1
		Timeinterval	Date_Timeinterval	The start and end date and time for a given interval.	0..1

Final agreement

Agreed by SG on 28 Feb 2024