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# IEC TC57 WG16 MAINTENANCE REQUEST

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## Maintenance notice:

This template needs to be completed and sent to: [WG16@iectc57.org](mailto: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 consensus<sup>1</sup>.

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.

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<sup>1</sup> 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

<b>Date of submission:</b>	15/06/2023
<b>Submitter Name:</b>	Bhagyashree Wahie
<b>Organisation:</b>	ENTSO-E
<b>E-mail:</b>	<a href="mailto:bwahie@entsoe.eu">bwahie@entsoe.eu</a>
<b>Maintenance Request ID</b>	BW_20230615_01
<b>Maintenance Request title</b>	Introduce a new class named Permission in CIM & ESMP

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

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

**Need-** To Send the Master Data for permission related to the tasks or activities:

- To confirm the permission.
- To give permission to the respective party for accessing the validated historical consumption data specified in the permission request.
- To provide response to the permission request, whether the permission request is valid or invalid.
- Communicate validation result in case of valid request and indicating invalid results in case of invalid request to the respective party.
- Informing about successful establishment of permission.
- Giving permission to transfer data.

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

There will be no impact on any of the ESMP profiles because this class will be optional.

Only ESMP will be updated with the new permission class.

## Description of the update

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

Yes, because the permission-class does not exist in the IEC 62325-301 package.

## Description of the change/update

Introduce a new class called Permission in the IEC 62325-301 MarketManagement package with an introduction of a new permission specific Identification attribute named mRID with datatype string [1..1], permission creation timestamp named CreatedDateTime with datatype DateTime [1..1] and make it inherit from the Document class which is inherited from the Identified object class under Core package inside Base package within IEC 61970. Finally associate the Permission class with the Time Period class with cardinality [0..\*], Date&OrTime class with cardinality [0..\*], MktActivityRecord class with cardinality [0..\*],





<p>individuals or entities to access certain resources, perform specific actions, or obtain certain privileges within a system or organization</p>			<p>the Permission.</p>		
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Kommenterad [BW1]: Reconfirm approval

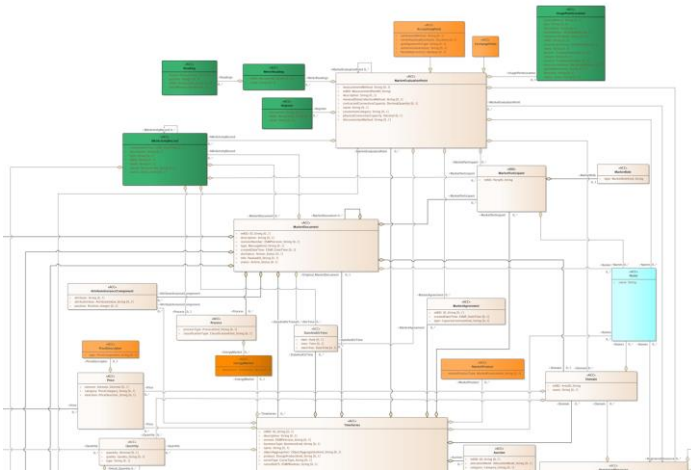
**4.2 Description of update of IEC 62325-351 (If yes, please fill the points below)**

**- Description of the change/update**

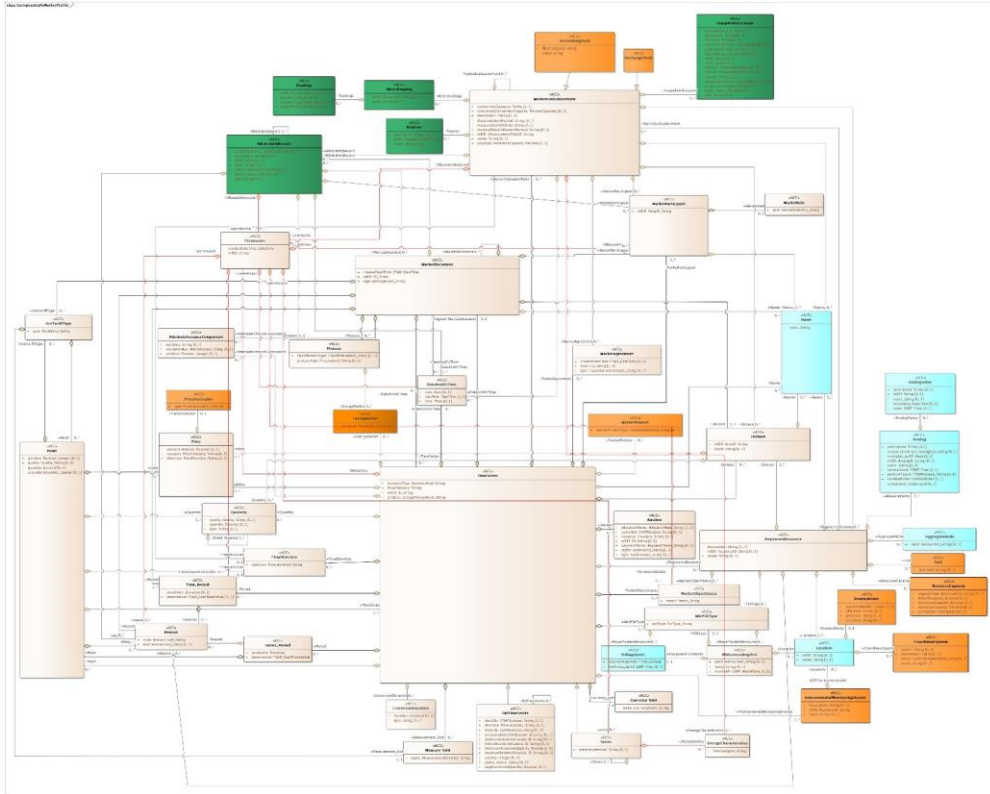
After introducing the permission class from the IEC 62325-301 MarketManagement package, Bring Permission Class in ESMP with attributes mRID string [0..1] for the permission identifier and CreatedDateTime DateTime[0..1] for the permission creation Timestamp, MktActivityRecord class with cardinality [0...\*], Timeseries class with cardinality [0...\*] and Mktevaluationpoint class with cardinality [0..\*], Also associate the Time period class to permission class with cardinality [0..\*], Date&OrTime class to permission class with cardinality [0...\*], MarketParticipant class to Permission class with cardinality [0...\*], Reason class to permission class with cardinality [0..\*], Market object status class to permission class with cardinality [0...\*], Series class to permission class with cardinality [0...\*],

**- Reference to XMI (Optional)**

**- Snapshot of the update in IEC 62325-351 before**



**Snapshot of the update in IEC 62325-351 after**



- **Class and attributes descriptions**

Same as in 301.

**Final agreement**

Agreed by SG on 24 April 2024