# IEC TC57 WG16
# MAINTENANCE REQUEST

## Maintenance notice:

**This template needs to be completed and sent to: [WG16Part301@iectc57.org](mailto:WG16Part301@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[1].

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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[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".

# 1    General Information

| | |
|---|---|
| Date of submission: | 12/10/2022 |
| Submitter Name: | Jan Owe |
| Organisation: | Svenska kraftnät |
| E-mail: | jan.owe@svk.se |
| Maintenance Request ID | ebIX® 2022/028 |
| Maintenance Request Version | 6 (updated 18/1/2023) |
| Maintenance Request title | Add the new datatype ESMPDataTypes / SettlementMethodType_String and the new enumeration ESMPEnumerations SettlementMethodTypeList to ESMP. |


# 2    Description of the issue (Business requirements, use cases…)

## 2.1    Background and UseCases

The background for this maintenance request is the IEC TR 62325-103 (TR), describing use cases with mapping from the downstream European energy market to CIM and what was seen as missing in CIM.

In the summary of the suggested updates, chapter 8.11, it is suggested to add the attribute settlementMethod to MarketEvaluationPoint and to the Time Series class. After the publication of the TR, the settlementMethod has been added to the AccountingPoint class.

However, we now need an enumeration for the settlementMethod, hence this MR request the addition of the new datatype ESMPDataTypes / SettlementMethodType_String and the new enumeration ESMPEnumerations SettlementMethodTypeList to ESMP.


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

This MR suggest addition of the new datatype ESMPDataTypes / SettlementMethodType_String and the new enumeration ESMPEnumerations SettlementMethodTypeList to ESMP.


# 4    Description of the update

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

No update needed in IEC 62325-301.


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

### 4.2.1    Description of the change/update

Add the new datatype ESMPDataTypes / SettlementMethodType_String and the new enumeration ESMPEnumerations SettlementMethodTypeList to ESMP, including three new codes (Profiled, Non-profiled and Non-profiled with special rules).
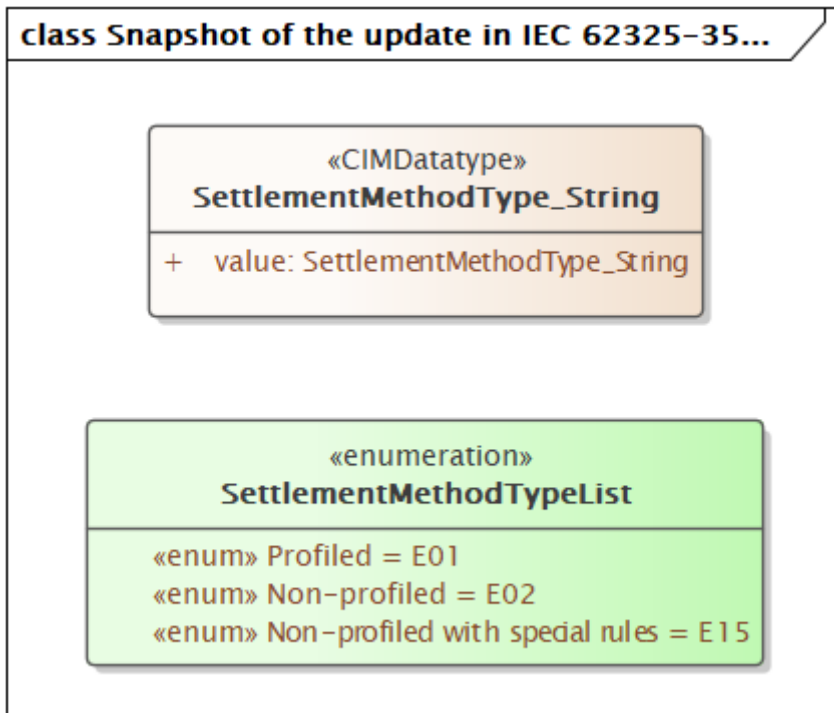
### 4.2.2 Reference to XMI (Optional)

None.


### 4.2.3 Snapshot of the update in IEC 62325-351 before

N/A


### 4.2.4 Snapshot of the update in IEC 62325-351 after



#### 4.2.4.1 Class and attributes descriptions

Proposal for description of the SettlementMethodType_String:

> The identification of the method used for settlement of Accounting Points, such as profiled or non-profiled.

Proposal for description of the SettlementMethodTypeList:

> The coded identification of the method used for settlement of Accounting Points, such as profiled or non-profiled.

The following codes cods originating from the ebIX® code list and are heavily used in the European downstream (retail) energy market:

| Code | Name | Description |
|------|------|-------------|
| E01 | Profiled | A code specifying that the energy volumes from this Accounting Point are calculated based on a profile and that the Accounting Point is part of the reconciliation process. |
| E02 | Non-profiled | A code specifying that the energy volumes from this Accounting Point are continuously measured, such as every 15 or 60 minutes. Non-profiled Accounting Points are NOT part of the reconciliation process. |
| E15 | Non-profiled with special rules | A code specifying that the energy volumes form this Accounting Point are continuously measured, such as every |

| | | 15 or 60 minutes, however treated based on special national rules |
|---|---|---|

### 4.2.5 Notes 2022-11-16 and 2022-11-23

*If more enumerations would be needed (in Germany) was checked between 16<sup>th</sup> and 23<sup>rd</sup> of November, but no need was seen.*

## 5 Final agreement

Agreed on 2023-01-18.