

<b>Minutes EBG meeting</b>	 <b>European forum for energy Business Information eXchange</b>
September 7 <sup>th</sup> , 2021	<b>EBG (ebIX® Business Group)</b>

**Date:** Monday, September 6<sup>th</sup>, 2021  
**Time:** 14:00 – 15:30  
**Place:** GoToMeeting  
**Present:** Bostjan, SODO  
Gerrit, EDSN  
Jan, Svenska kraftnät (partly)  
Ove, Edisys  
**Appendix A:** Status for BRS review  
**Appendix B:** EBG project and survey list  
**Appendix C:** Mapping from ebIX® class diagrams for Validated measured data for continuous metered AP to CIM  
**Attachments:** ebIX BRS for Measure for billing 0r2B 20210531.docx  
ebIX BRS for Validated measured data - Draft for v1r0A 20210601.docx

## 1 Approval of agenda

The agenda was approved with the following additions:

- Mapping from ebIX® class diagrams to CIM, see item 10.1 under AOB.

## 2 Approval of minutes from previous meeting

The minutes from previous meeting were approved with an additional bullet point in the description of how time series and volumes are sent in Sweden: “There is no difference between time series and volumes in Sweden – a volume is a time series with one observation”.

## 3 Final review of BRS for Validated measured data

The item was postponed.

Because of discussions related to BRS for Measure for billing, two comments/questions were added to the class diagrams:

- To have the same structure of attributes in all class diagrams, the Product identifier will be put before Direction in three of the class diagrams.
- A question was added to the class diagram for Validated measured data for profiled AP:  
Do we need the Origin in the Observation class (apparently the MDA doesn't pass it on in BRS for Measure for billing)? The question applies to all class diagrams and is related to a similar question in BRS for measure for billing.

And, Poland had informed how they exchange peak values:

- In Poland peak power is a part of billing (invoice) for energy distribution services. Only non-household customers are billed for peak power (if it's above contracted power). It consists of max 10 peak values per month. This information is exchanged with energy supplier only for complex contracts (one contract for distribution and energy).

#### 4 Review of the project plan for ebIX® Area project

The item was postponed, except for a new action item.

***New action item:***

- All to investigate if we also shall invite the gas sector (e.g. ENTSOG) to the project.

#### 5 Finalise and publish version 3.0 of the BRS Measure for Billing

The BRS was sent on circulation for comments to ebIX® Forum until August 20<sup>th</sup>. However, we got some proposals for clarifying parts of the text in the introduction of the BRS from Kalle (Elering).

These comments were reviewed and either accepted or slightly modified.

Based on the reviewed comments from Kalle, it was added two questions in the next version (3.1) of the BRS:

- Can this BRS be used also for energy services, such as flex-services? If so, we need to add a Resource ID to the class diagram(s) and extend the Basic assumption chapter and probably other places in addition.
- Do we need the Origin in the Observation class (apparently the MDA doesn't pass it on in BRS for Measure for billing)? The question applies to all class diagrams and is related to a similar question in BRS for Validated measure data.

***Action:***

- Ove will update the draft version 3.1 of the BRS Measure for Billing with the changes agreed to version 3.0.
- Ove will publish version 3.0 of the BRS Measure for Billing.

#### 6 Action item related to gas areas

The item was postponed.

#### 7 Finalise addition of processes for Calorific Value in version 3.1 of the BRS Measure for Billing

The item was postponed.

#### 8 Decide on next BRS to review

It was agreed to do the BRS for Measure for Labelling as the next BRS.

## 9 Meeting schedule

Corona GoToMeetings:

- Every Monday from 14:00 to 15:30, now scheduled until December 20<sup>th</sup>, 2021, except for holydays.

Normal scheduled face-to-face meetings:

- No face-to-face meeting planned. However, the next physical meeting is expected to be at:

PSE S.A.  
Warszawska 165 street  
05-520 Konstancin-Jeziorna  
Poland

## 10 AOB

### *10.1 Mapping from ebIX<sup>®</sup> class diagrams to CIM*

According to Appendix B/item J), a first mapping from an ebIX<sup>®</sup> class diagram to CIM will be done during summer 2021.

Ove had made a first draft of a mapping from the Validated measured data for continuous metered AP, see Appendix C.

It was agreed that the mapping should be reviewed by ETC, while EBG will look into the definitions of classes and attributes to see if we need to update the ebIX<sup>®</sup> definitions or if we should send maintenance requests to IEC for update of the CIM definitions.

Appendix A Status for BRS review

Structure BRSs			
#	BRS	Status	Comment
1.	Administer Customer Consent	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
2.	Alignment of Accounting Point characteristics	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished To remember: Review of MR NMEG 2021/2 – Addition of a <b>Supply Start Date</b> to the AP Administrative Characteristics class, To remember: Review of MR NMEG 2021/3 – Addition of a <b>Reporting resolution</b> and <b>Reporting Interval</b> to the AP Administrative Characteristics class.
3.	Alignment of Area Characteristics	Published at <a href="http://www.ebix.org">www.ebix.org</a>	
4.	Alignment of characteristics for a Customer linked to an AP	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
5.	Alignment of Metering Configuration Characteristics	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
6.	Bulk change of BRP	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
7.	Bulk change of Shipper	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
8.	Change of BRP	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
9.	Change of Metered Data Responsible	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
10.	Change of Shipper	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
11.	Change of supplier	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
12.	Combined grid and supply billing	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
13.	Consented (earlier Upfront) request for Metering Point Characteristics	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
14.	Customer move	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
15.	End of Metered Data Responsible	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
16.	End of supply	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished

Structure BRSs			
#	BRS	Status	Comment
17.	Manage Accounting Points	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished
18.	Rearrange MPs between grids	Published at <a href="http://www.ebix.org">www.ebix.org</a>	Finished

Measure BRSs			
#	BRS	Status	Comment
1.	BRS for Measure Calorific Value	To be reviewed	<b>20210705:</b> <ul style="list-style-type: none"> <li>Proposed added as a sub UseCase in BRS for Billing.</li> </ul>
2.	BRS for Measure for Billing	<b>20210629:</b> <ul style="list-style-type: none"> <li>Sent to EBG and ebIX® Forum for final review and approval</li> </ul>	<b>20210629:</b> <ul style="list-style-type: none"> <li>Comments are asked within August 20<sup>th</sup>, 2021.</li> </ul> <b>20210823:</b> <ul style="list-style-type: none"> <li>Comments from Elering must be handled before publication.</li> </ul>
3.	BRS Validated measured data	<b>20210315:</b> <ul style="list-style-type: none"> <li>Final review by EBG (14 days) before sent to ebIX® Forum for approval.</li> </ul>	
4.	BRS for Measure for Collected Data	<b>20200402:</b> <ul style="list-style-type: none"> <li>Published at <a href="http://www.ebix.org">www.ebix.org</a>.</li> </ul>	Finished. The BRS may be used as a template for how the Measure BRS may look like. <b>20200608:</b> <ul style="list-style-type: none"> <li>“Collected Data” should be renamed to “Collected <i>Measured</i> Data”</li> </ul>
5.	BRS for Measure for Determine Meter Read	To be reviewed	<b>20210125:</b> <ul style="list-style-type: none"> <li>Investigate the need for addition of MDR and MGA in the “root class”, ref Dutch requirements.</li> </ul>

Measure BRSs			
#	BRS	Status	Comment
6.	BRS for Measure for Imbalance Settlement	To be reviewed	<p><b>20200615:</b></p> <ul style="list-style-type: none"> <li>• Include handling of MR “NMEG 2020-01”.</li> </ul> <p><b>20210125:</b></p> <ul style="list-style-type: none"> <li>• Investigate the need for addition of MDR and MGA in the “root class”, ref Dutch requirements.</li> </ul>
7.	BRS for Measure for Labeling	<ul style="list-style-type: none"> <li>• Review started at GoToMeeting February 17<sup>th</sup>;</li> </ul>	<p><b>20210125:</b></p> <ul style="list-style-type: none"> <li>• Investigate the need for addition of MDR and MGA in the “root class”, ref Dutch requirements.</li> </ul>
8.	BRS for Measure for Reconciliation	To be reviewed	<p><b>20210125:</b></p> <ul style="list-style-type: none"> <li>• Investigate the need for addition of MDR and MGA in the “root class”, ref Dutch requirements.</li> </ul>
9.	BRS for Settle for Reconciliation	To be reviewed	<p><b>20210125:</b></p> <ul style="list-style-type: none"> <li>• Investigate the need for addition of MDR and MGA in the “root class”, ref Dutch requirements.</li> </ul>

## Appendix B EBG project and survey list

### B.1 Potential projects

#	Project description	Priority	Start
A)	Review what attributes to send in a confirmation (e.g. all from the request, only approve/disapprove or some core attributes, such as AP)	First possible face-to-face meeting	First possible face-to-face meeting
B)	Review and propose update to the HRM, based on new procedures from ETC and EBG, ref minutes from ebIX® Forum meeting March 24 <sup>th</sup> , 2020.	After review of BRSs	TBD
C)	Efficient data alignment, including the possibility to request historical and/or future master data.	EBG must do a survey for the need of such a project	Not prioritised
D)	Discuss differentiation of data sets per Entitled Role when aligning master data (e.g. when referencing notification of AP master data in a BRS)	EBG task – will be linked to “C), Efficient data alignment” task and GDPR	To be started Q1 2021
E)	Making a BRS for alignment of Exchange Point characteristics	TBD	TBD
F)	1) Making MRs to the HG for definition for and relations between Gateway, Gateway Operator and Gateway Administrator 2) Making a BRS for Gateway related stuff.	Awaiting decision in Germany or elsewhere	TBD
G)	Making an introduction to the ebIX® BRSs, including an overview of the BRSs and a short description.	In finalising RtR	TBD
H)	Review of MR NMEG 2021/2 (to ebIX®) – Addition of a Supply Start Date to the AP Administrative Characteristics class in Alignment of AP characteristics BRS	TBD	TBD
I)	Review of MR NMEG 2021/3 – Addition of a Reporting resolution and Reporting Interval to the AP Administrative Characteristics class. in Alignment of AP characteristics BRS	TBD	TBD
J)	It is assumed that the EC will decide to use IEC basic CIM as the reference Information Model, hence we should bring our definitions in line with IEC CIM. This can be done by changing our definitions, or by submitting maintenance requests to IEC TC57/wg16 (eventually to be forwarded by wg16 to wg14).	TBD	A first mapping from an ebIX® class diagram to CIM will be done during summer 2021.
K)	Update of Gas Role Model with addition of Aggregated Reception Station, Calorific Value Area and Temperature Area for gas.	TBD	When the Gas Role Model starts adding domains.
L)	Update definition of Accounting Point in the HRM.	TBD	When the flex project has concluded.

#	Project description	Priority	Start
M)	Making an ebIX® BRS for Exchange Point Characteristics	To be started after finalising review of measure BRSs.	Q1/2022 (?)

### B.2 Approved (and running) projects

#	Project	EBG members	Status	Start	End
A)	RtR, Role-to-Role (hub)	All EBG	Start October 2018	Q4 2018	Q4 2021

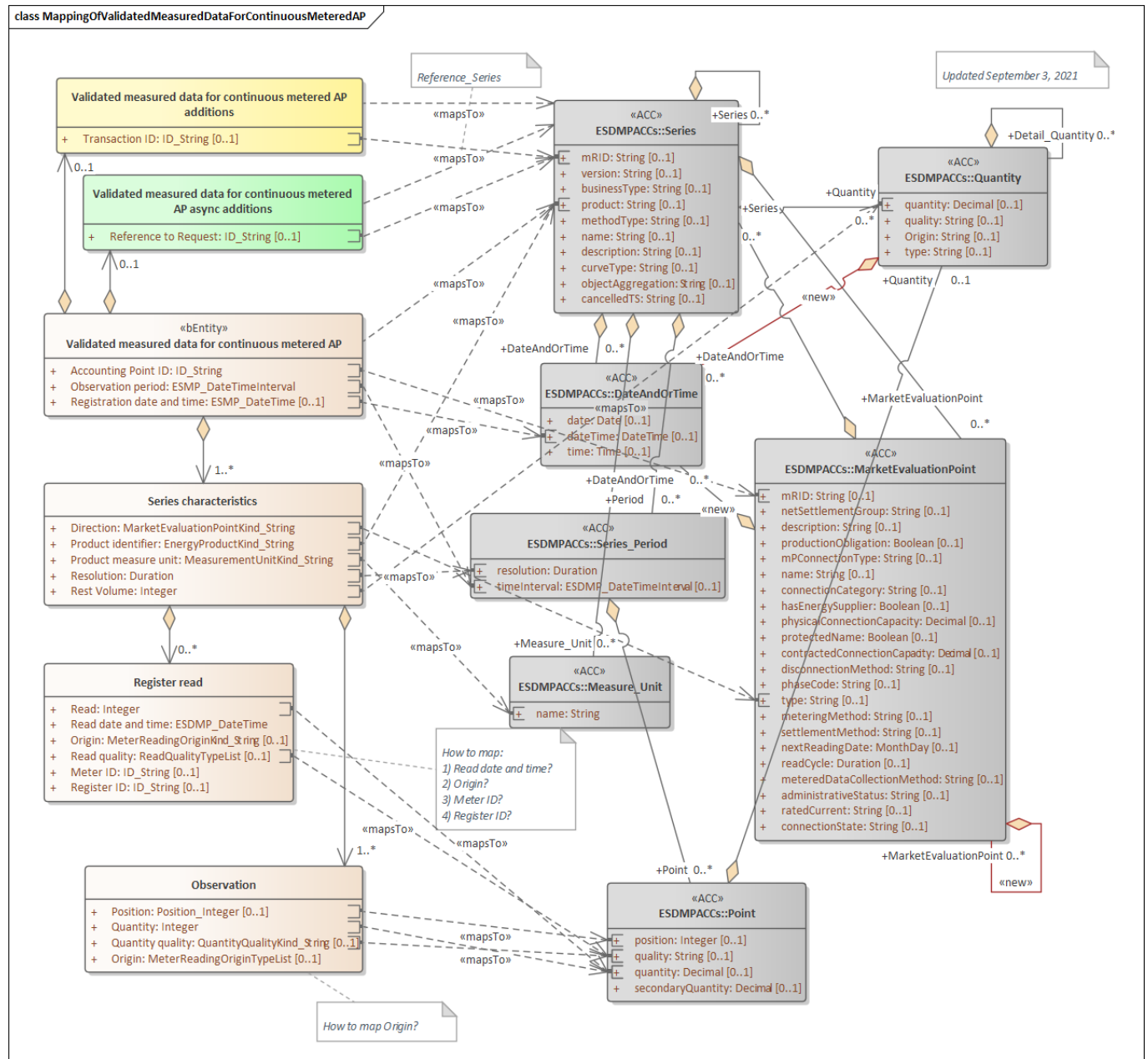
### B.3 Surveys

#	Survey	Status
A)		•



## Appendix C Mapping from ebIX® class diagrams for Validated measured data for continuous metered AP to CIM

The mapping will be reviewed by ETC, while EBG will look into the definitions of classes and attributes to see if we need to update the ebIX® definitions or if we should send maintenance requests to IEC for update of the CIM definitions.



class MappingOfValidatedMeasuredDataForContinuousMeteredAP

Target \ Source	1 DateAndOrTime	2 MarketEvaluationPoint	3 Measure_Unit	4 Point	5 Quantity	6 Series	7 Series_Period
1 Observation				Maps To Position → position  Maps To Quantity → quantity  Maps To Quant... → quality			
2 Register read				Maps To Read → quantity  Maps To Read ... → quality			
3 Series characteristics		Maps To Direct... → type	Maps To Produ... → name		Maps To Rest V... → quantity	Maps To Produ... → product	Maps To Resol... → resolu...
4 Validated measured dat...	Maps To Regist... → dateTi... Maps To Accou... → mRID					Maps To → Observ...	Maps To → time...
5 Validated measured dat...						Maps To Trans... → mRID	
6 Validated measured dat...						Maps To →	
						Maps To Refer... → mRID	