

Minutes ETC meeting, March 3rd and 4th, 2015

Date: Tuesday and Wednesday, March 3rd and 4th, 2015
Time: 09:00 – 18:00 and 09:00 – 13:00
Place: Stockholm
Present:

Name	Country, Company	ETC
Christian Odgaard	DK, Energinet.dk	(second day)
Fedder Skovgaard	DK, Energinet.dk	✓
Kees Sparreboom	NL, TenneT	✓
Ove Nesvik	NO, EdiSys	✓
Pawel Borkowski	PL, RWE	✓
Jan Owe	SE, Svenska kraftnät	✓

Appendixes: **Appendix A**, Pending list
Appendix B, The tasks of ETC
Appendix C, Participants in ETC
Appendix D, Actions from HG meeting November 27th
Appendix E, ebIX[®] Rules for addressing (routing)
Appendix F, Mail exchange between the Japanese CEFACT project and Jean-Luc Sanson



Patterns for
datetime 20150217.c

Attachment: , see item 9.3, Patterns for date and time



Belgian
requirement for Dat

, see item 9.3, Patterns for date and time

1 Approval of agenda

The agenda was approved with the following additions:

- Items from EMD, see item 9.2 under item 9 ebIX[®] Business Information Model 2014.A
- Patterns for date and time, see item 9.3 under item 9 ebIX[®] Business Information Model 2014.A
- Cardinality of CuS payload, see 21.1 under AOB
- Japanese CEFACT (energy) project, see 21.2 under AOB

During this item, Ove informed that we might get a new German member of ETC, Jörg Wiemann from RWE. In addition Finland has appointed Jari Hirvonen as ETC member.

Also the ETC participant list was reviewed and it was agreed to only send minutes to the complete list, while agendas and working documents/discussions only will be distributed to the main members.

2 Minutes from previous meetings

The minutes from previous meeting were approved.

3 Resolve matters from earlier ebIX® Forum meetings

All had as homework from previous meeting to comment on the PowerPoint presentation for Different levels of modelling and technics:

- The presentation is meant to cover the action items for ETC from previous ebIX® Forum meeting, i.e. action items 6, 8 and 9;
- Ove had added a slide with a survey (inventory) of how much of the ebIX® deliverables are used by each country. The slide is meant to cover action item 9 from previous ebIX® Forum meeting and was drafted during the latest CuS meeting.

The presentation was reviewed and updated and will be presented at the coming ebIX® Forum meeting.

4 Preparations for next ebIX® Forum meeting

Ove had drafted two status presentations for the ebIX® Forum, i.e. *“ebIX Forum 20150304 Item 9 - ETC.pptx”* and *“ebIX Forum 20150304 Item 10 - HG.pptx”*, while Jan had drafted a status presentations *“ebIX Forum 20150304 Item 11 - ebIX-IEC project.pptx”*. The presentations were reviewed and updated.

Action:

- Fedder will ask ENTSO-E/WG-EDI to investigate the differences between the Harmonised Role Model (HRM) and the definitions in the new network codes, and if needed: propose necessary changes to the HRM.

5 ebIX®, EFET and ENTSO-E Harmonised Role Model

The issues after HG meeting in November last year, see [Appendix D](#), including updated document regarding the removal of the functional group in the HRM from Kees was discussed. The answers and comments in [Appendix D](#) will be forwarded to the HG before next meeting.

Related to the request for a new role ESCO, it was suggested to write a document discussing the need for an ESCO or similar roles (Demand Response Aggregator, Balancing and/or Congestion Services) and how such a role or roles can be integrated (add, update...) to the HRM.

Conclusions:

- Making a better justification (requirements) for adding a new role “Metering Point Identification Allocator” to the Harmonised Role Model (HRM) will be put on the coming ETC agenda and discussed when Belgium is present
- Making a document discussing the need for an ESCO or similar role(s) (Demand Response Aggregator, Balancing and/or Congestion Services) and how such a role or roles can be integrated (add, update...) to the HRM, will be put on the next ETC agenda.

Action:

- Ove will send answers and comments to the HG before next HG meeting.

6 ebIX® technical documents

Kees has as homework updated the Introduction to ebIX® Models and Ove has verified that chapter 6 and 7 (CuS part) in the Introduction to ebIX® Models is up-to-date.

The document was reviewed and updated during the meeting.

Homework:

- Kees will verify that the HRM related artefacts are correct and thereafter publish the Introduction to ebIX® Models.
- Kees will as continued homework make a note in the document ebIX® Rules for the use of OCL statements, i.e. that the use of OCL for on-the-fly enumeration lists is strictly restricted to be used for date/time formats (but await publication until the TT is ready), including:
 - Addition of relevant parts of the “Spec-document”
 - “on-the-fly” enumeration lists will only be used to restricted date/time formats

7 Status ebIX®/IEC trial project

The project shall make an IEC Technical Report, i.e. *“To see if CIM can be used and/or updated to include exchanges within the downstream European energy market”*. The project has the following members:

- Fedder Skovgaard, Energinet.dk
- Jan Owe, Svenska kraftnät
- Jean-Luc Sanson, Zamiren
- Kees Sparreboom, TenneT
- Ove Nesvik, EdiSys
- Vlatka Cordes, Westnetz

Two meetings have been held in the project and two more are planned, i.e. March 31st and April 1st in Stockholm and May 12th (if needed, place not decided).

So far the project has made an IEC Work Item Proposal, which is awaiting distribution and voting in the IEC system. Further on the project group have made a first draft mapping from EMD BRS Measure for reconciliation, with success, and started on a mapping from CuS BRS Change of Balance Responsible Party, which is to be continued at the next project meeting.

8 Smart grid

Continued homework from earlier meetings:

- Kees will ask M490 to come up with requirements for charging poles for vehicles
- Kees will ask M490 to come up with requirements for smart part of the smart meter

9 ebIX® Business Information Model 2014.A

Homework:

- Kees will clean up the ebIX® Business Information Model 2014.A, including addition of relevant changes agreed below (item 9.2 and 9.3).
- The new MD model will be distributed to ETC members as soon as possible
- After addition of BIMs, the MD model will be published at www.ebix.org.

9.1 Review of CuS BIMs

Since we have not finalised 2014.A yet, the item was postponed.

Continued homework from previous meetings:

- Ove (Erik) will give priority to finalising the following BIMs when version 2014.A of the ebIX® model has been finalised. Also taking into account the comments from Kees to the BIM for CuS (see previous minutes). Thereafter send them on circulation for comments to ETC (three weeks) before publication:
 - Change of Supplier (updated after review on previous ETC)
 - End of Supply
 - Change of Balance Responsible Party
 - Alignment of MP Characteristics
- Do the rest of the BIMs (for review by ETC):
 - Change of Metered Data Responsible
 - Change of Transport Capacity Responsible Party
 - Customer Move
 - End of Metered Data Responsible
 - Query MP Characteristics

9.2 Items from EMD

From latest EMD meeting:

- CuS suggested to remove the property for “communication with meter” together with its enumeration. EMD has discussed this and sees no problem in removing it. If a liberalised metering market requires predictability for the new metering responsible with regard to its capability to read this meter, one better standardises/limits the set of protocols to be used. In this way it will also be predictable for the new responsible. As consequence we do not need then the enumeration in the ebIX profile (ETC).
- For EMD the present codes for MeteringMethod are still OK, also in combination with the new codes for MeteredDataCollectionMethodCode. The two codes for MeteredDataCollectionMethodCode will do.

Conclusions:

- The “communication with meter” has already been removed from the CuS Meter master data.
- ETC suggest for CuS to rename “Meter Reading Characteristics” to “Metered Data Collection Method” (Meter characteristics)
- The following codes were added to the Disconnection Method (MP characteristics):
 - Remote
 - Manual
 - Manual outside
 - Manual inside

- We suggest for CuS to rename “Sustainable Energy” to “Energy generation technology type”. The following codes were added to the ebIX® model:
 - **T01** Solar
 - **T02** Wind
 - **T03** Hydro
 - **T04** Marine
 - **T05** Thermal
- Because of gas, the role Caloric Value Responsible was added with the code **Z11**
- Because of gas and the new role Caloric Value Responsible, two new Document Name Codes were added;
 - **E76** Notification from Caloric Value Responsible
 - **E77** Request to Caloric Value Responsible
- The role code **Z04**, Metered Data Aggregator Central, was deprecated
- The role code **Z08**, Billing agent, is agreed to be the same as the UN/CEFACT code **II** (Invoice issuer) in the ebIX®, EFET and ENTSO-E Harmonisation Group, hence the code was changed (from **Z04** to **II**) and moved from «ebIX® original» to «ebIX® subset»

Homework:

- Kees will verify if we should use the term “Caloric” or “Calorific”

9.3 Patterns for date and time

The alternatives for restricting date and date/time, using patterns, in the attached document from Kees was discussed:

- Alternative B means that we must add BDTs for each pattern in the ebIX® Model, see Belgian requirements in attached Excel sheet.
- In addition to the Belgian requirements we will have to add patterns for “resolution”, e.g. PTnM (PT15M, PT60M...), PTnH (PT1H...), PnM (P1M), PnD (P1D, P14D...) and PnY (P1Y...)
- Alternative B will give us a limited number of choices, while Alternative A makes all valid patterns that are possible within the ISO 8601 standard valid.
- Fedder stressed that ebIX® already in 2004 agreed with ENTSO-E that xml date/time format always shall be in UTC time, i.e. with a trailing Z.

Conclusion:

- It was agreed to use alternative B, with exception of the DateTimeType, which will be kept without any pattern, i.e. a standard xsd:dateTime. We will add the rest of the data types from the Belgian requirements, with addition of PTnM and PTnH.

9.4 Review of EMD BIMs

Since we have not finalised 2014.A yet, the item was postponed.

Continued homework from previous meetings:

- Kees will finalise the EMD BIMs when version 2014.A of the ebIX® model has been finalised. Thereafter send them on circulation for comments to ETC (three weeks) before publication.

10 ebIX® Business Information Model 2015.A

The item was postponed, due to lack of time.

11 Code lists from MD model in Word format

Not yet published, due to priority on making the BIMs. A draft can be requested from Kees.

12 TT (Transformation Tool)

The specifications are almost finalised, only some data types for date and time (patterns) are missing. The new version is expected in April.

13 Specifying conditions in State diagrams

Postponed due to lack of time

14 Header and Context information in the Business Requirements View

Postponed due to lack of time

15 Creation of an ebIX® technical presentation

Postponed due to lack of time

16 Review of ETC tasks in Appendix B

Postponed due to lack of time

17 Information from tWG (if any)

See items above

18 Benchmark test of different xml schema versions

Nothing new – the item will be removed from coming agendas.

19 Status for UN/CEFACT project for Alignment of Master Data for Metering Point and of Measured Data

Awaiting publication of ebIX® model 2014.A before moving forward.

20 Next meeting(s), including start and end time.

- Tuesday April 14th and Wednesday April 15th in Stockholm
- Tuesday June 30th and Wednesday July 1st, Place to be decided
- Monday October 12th in Finland or the Netherlands, with a following ebIX® Forum meeting Tuesday October 13th.

21 AOB

21.1 Cardinality of CuS payload

NEG has noted that the payload in CuS documents in the BIMs has a cardinality of one. However, according to the “Belgian revolution” the ebIX® business requirements should specify a cardinality of one, while the implementation (BIM) should specify a cardinality of “many”.

Conclusion:

- Kees updated the MP Event and Response Event to having a cardinality of [1..*] for the payload. The rest of the ABIEs will be reviewed at the next ETC meeting.

21.2 Japanese CEFACT (energy) project

Kees informed of a mail exchange between the Japanese CEFACT project (Shingo) and Jean-Luc Sanson, where Jean-Luc suggest that Japan better moves its project to IEC and Shingo answering that they do not intend to, since they have to work within a business context that is broader than just electricity.

The mail exchange is found in Appendix F.

Appendix A Pending list

A. ebIX® recommended identification scheme

Chapter 7 from the «ebIX® common rules and recommendations» should be a basis for a new chapter in the ebIX® recommended identification scheme document, see Appendix E.

B. ebIX® Modelling Methodology

Homework from earlier meetings:

- Those who have time are asked to read the ebIX® Modelling Methodology (see www.ebix.org) and see if there are parts of it that have to be moved to the *ebIX® Rules for the use of UMM2* or *Introduction to ebIX® Models* documents.

C. ebIX® header:

- a) Do we want the following rule?

The requestor id and the requestor role (Business process role) for the actor (role) that asks for changed, added or deleted information of another role shall be stated in the document header.

- b) Do we need at test indicator?
c) The content of the Energy Document and Energy Context ABIEs needs a review

Appendix B The tasks of ETC

Task	Group	Priority	Planned
Update of Introduction to Business Requirements and Information Models		High	Every Q1
Making ebIX® Recommendations for usage of WEB services including recommendations for acknowledgement and error handling		Medium	2013
Review of “Rules for status and consequences for ebIX® documents”		Medium	Every Q1
Maintain the ebIX® technical documents: <ul style="list-style-type: none"> • ebIX® Rules for the use of UMM-2.0 • ebIX® common rules and recommendations (v1r1D) • ebIX® Recommendations for asynchronous acknowledgement and error handling (v1r0C) 		Medium	Every Q2
Other tasks: <ul style="list-style-type: none"> • Restructuring of UTIL-messages to reflect the structure of CCs (if we keep on mapping to EDIFACT) • 2nd generation Harmonized Role Model for Electricity and Gas • ebIX® Header 	CuS, EMD and ETC Together with ENTSO-E?	Low Medium High	? 2013 2013
Maintain ebIX® profile for MagicDraw, including: <ul style="list-style-type: none"> • Core Components • Code lists • Templates, etc. 		Continuous	
Participation/representation in the ENTSO-E and ebIX® technical WGs <ul style="list-style-type: none"> • Maintaining harmonised role model • Core Components • Information exchange between participation organisations 	Together with ENTSO-E	Continuous	
Participation in UN/CEFACT		Continuous	
Cooperation with IEC/TC57/WG16		Continuous	
Organise implementation support, such as: <ul style="list-style-type: none"> • ebIX® course • Implementation support for participating countries, such as inserting/updating codes. 		Continuous	
Supporting ebIX® projects, i.e.: <ul style="list-style-type: none"> • Develop and maintain the UMM <i>Business Choreography View</i> and <i>Business Information View</i> from the CuS and EMD working groups. • Develop and maintain XML schemas based on the <i>Business Information View</i> from the CuS and EMD working groups 		Continuous	

Appendix C Participants in ETC

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Appendix D Actions from HG meeting November 27th

D.1 New role: Metering Point Identification Allocator

Actions from previous meetings:

- ebIX®, EFET and ENTSO-E will verify if the new role **Metering Point Identification Allocator** can be added to the HRM, with the following definition:

“A role allocating Metering- and Accounting Point identification

Additional information:

ENTSO-E is responsible for allocating Accounting Point Identification for international tie-lines”

Prepared informed from MC:

- After discussion within ENTSO-E/WG-EDI, at their last meeting in October of the role "Metering Point Identification Allocator", WG-EDI could not come to a satisfactory conclusion due to the lack of information concerning the role. It is unclear what the role is supposed to do and in what context it operates. WG-EDI would appreciate it if ebIX could clarify the process before moving further.

Prepared answer from ebIX®:

- The proposal was originally to add the task of issuing MP IDs to the Grid access Provider (GAP).
- Today it is the GAP that issues MP IDs in the known downstream markets.
- However, ENTSO-E is also issuing Accounting Point IDs (a specialisation of MP), but not in the role of GAP.
- There has also been discussions in some ebIX® member countries (e.g. Belgium) to centralise the issuing of MP ID.
- ebIX® think the addition is important:
 - Unique MP IDs is a centrepiece for a well-functioning retail market and adding the task to the HRM will help to clarify the responsibilities in the market
 - If a country decides to centralise the issuing of MP IDs, there will be a lot of message exchanges between several of the roles in the HRM
- As a result ebIX® has proposed to create a new role issuing the MP IDs.

Discussion:

- KS asked if it would help to use “assign” instead of “allocate”?
- LW thinks that the issuing of MP and AP IDs in the upstream market is done by a market player together with other IDs, such as Party IDs and Area IDs, i.e. a local or central issuing office
- The role is currently not defined in the HRM
- LW also stressed that roles in the HRM should exchange electronic documents with other roles in the HRM
 - KS informed that the EIC reference manual describes several xml documents to be exchanged with the issuing offices
 - MC thinks this is a specialised exchange, not suited for the HRM

Action:

- ebIX® is asked to make better business requirements (business case), including an overview of possible document exchanges between the new role (Metering Point Identification Allocator) and other roles

Comments from ebIX® March 2015:

- ebIX® need more time to prepare better justifications/requirements for addition of the role *Metering Point Identification Allocator* to the HRM, hence ebIX® propose to remove the item from the HG agenda until ebIX® comes up with better justifications/requirements.

D.2 Removal (deprecation) of Functional Group

Actions from previous meetings:

- ebIX®, EFET and ENTSO-E will verify if we can remove the Functional Group (deprecated) from version 2014-02, including:
 - Move the association from FG to MBA to BG to “belongs to” MBA
 - Move (add) the association from FG to MP to BG to [0..*] AP
 - Move (add) the association from FG to MP to Resource Object (RO) to “linked to” [0..*] MP
 - Move (add) the association from FG to MBA to Resource Object (RO) to MBA

Prepared informed from MC:

- Concerning the deprecation of the functional group, WG-EDI is currently reviewing any impact that may occur and will provide feedback for the next WG-EDI meeting.

Discussion:

- At the latest ENTSO-E/WG-EDI meeting it was agreed to deprecate the Functional Group
- The association from FG to MP was discussed:
 - In Poland the association goes from BG to AP
 - KS also thinks the association should go from BG to AP

Conclusion:

- We deprecate the Functional Group
- The associations will be agreed at the next HG meeting

Action:

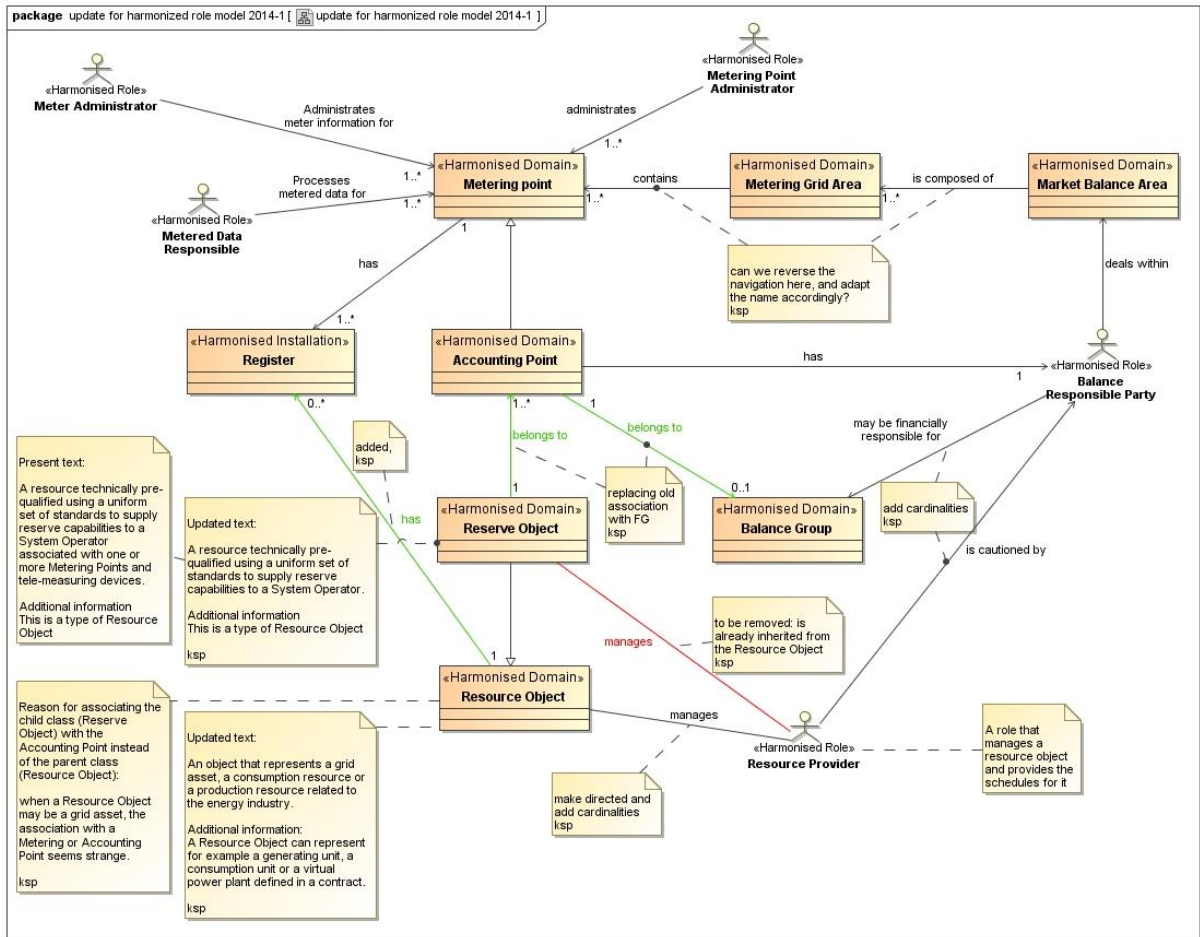
- All will verify:
 - If the association from FG to MP should go from BG to AP or from BG to MP?
 - Should the association from Resource Object (RO) to MBA be kept and if yes:
 - Should the text on the association be “belongs to”?

Comments from ebIX® March 2015:

- Move the association from FG to MBA to BG to “belongs to” MBA
 - **ebIX® proposal:**
 - No need for the association, since the link is defined through the new association -> AP -> MP -> MGA -> and MBA, see below
- Move (add) the association from FG to MP to BG to [0..*] AP
 - **ebIX® proposal:** Change direction and rename to “belongs to”

- Move (add) the association from FG to MP to Resource Object (RO) to “linked to” [0..*] MP
 - **ebIX® proposal:** The association should go from the Reserve Object to the AP instead
- Move (add) the association from FG to MBA to Resource Object (RO) to MBA
 - **ebIX®: OK**

In more detail:



Remarks:

- We have left out any association related to meter reading. Probably not correct, so when we update now, we should also add an association to the register. And this one is probably so generic (especially with cardinality 0..*) that it can belong to the parent-class. **To be discussed.**
- Associations to be added because of the removal of the Functional Group:
 - Directed association between Accounting Point and Balance Group (belongs to)
 - Directed association between Reserve Object and Accounting Point (belongs to)
 - Reasons for associating the child class (Reserve Object) with the Accounting Point instead of the parent class (Resource Object):
 - when a Resource Object may be a grid asset, the association with a Metering or Accounting Point seems strange
 - if we add other child classes we kept our freedom in associating the new class to roles

- Association to be added because it was missing:
 - Directed association between Resource Object and Register (has)
- Association to be removed (because it is doubled: one inherited and one owned)
 - Association between Resource Provider and Reserve Object (manages)
- Directions to be reversed (in order to be in line with the setup of master data):
 - Directed association between Metering Grid Area and Metering Point (contains) into directed association between Metering Point and Metering Grid Area (belongs to)
 - Directed association between Market Balance area and Metering Grid Area (is composed of) into directed association between Metering Grid Area and Market Balance Area (belongs to)
 - Directed association between Balance Group and Accounting Point (composed of) into directed association between Accounting Point and Balance Group (belongs to); remark: *already done*
- Definitions to be updated:
 - Resource Object:
 - New text: An object that represents a grid asset, a consumption resource or a production resource related to the energy industry. Additional information: A Resource Object can represent for example a generating unit, a consumption unit or a virtual power plant defined in a contract. ~~This is a type of Functional Group~~
 - Reserve Object:
 - New text: A resource technically pre-qualified using a uniform set of standards to supply reserve capabilities to a System Operator ~~associated with one or more Metering Points and tele-measuring devices~~. Additional information: This is a type of Resource Object
 - Remarks:
 - We better do not declare associations in text on top of the model itself (...System Operator associated with)
 - The remark “..technically pre-qualified..” renders the remark on “..tele-measuring devices..” both unnecessary and incomplete

D.3 New role: “ESCOs” (Energy Service Companies)

Actions from previous meetings:

- ebIX® will come up with a proposal for a definition of an ESCO and the place in the HRM

Prepared informed from MC:

- Concerning the creation of the role ESCO, WG-EDI is currently reviewing it and will provide feedback for the next meeting when a clearer picture of consumption and generation can be made.

Prepared answer from ebIX®:

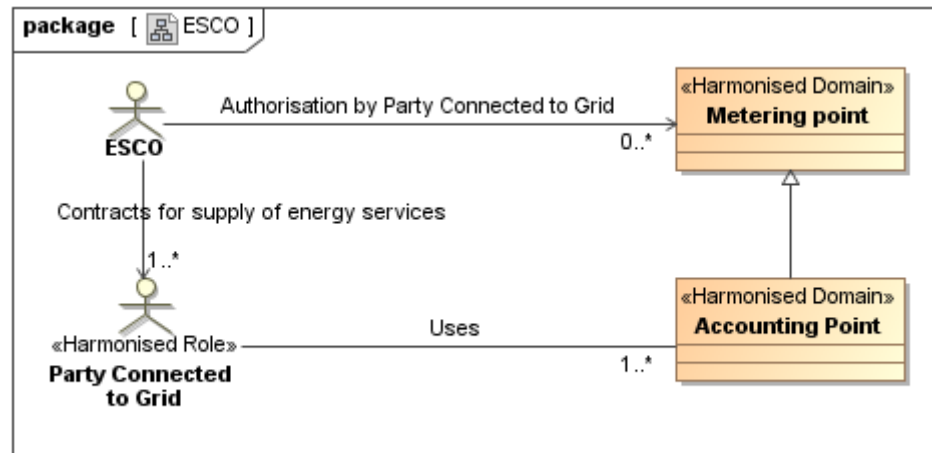
- There is an EU commission report dealing with ESCOs (ESCO Market Report 2013 – Report EUR 26691 EN). The report has the following definition for the role:

An 'energy service provider' is a "natural or legal person who delivers energy services or other energy efficiency improvement measures in a final customer's facility or premises"

- ebIX® proposes the following definition:

An ESCO provides energy efficiency services to the Party Connected to Grid, based on (metered) data from the Party Connected to Grid's Metering Point (s)

And the following implementation in the HRM:



Discussion:

- MC informed that the latest ENTSO-E/WG-EDI meeting thinks that it is too early for addition of this role to the HRM
- MC also informed that ENTSO-E/WG-EDI has asked an "TSO-expert" in the field to come up with a proposal at the next ENTSO-E/WG-EDI meeting
- ON informed that the role is regulated in several European countries, especially in countries where data hubs are implemented
- KS mentioned that there are several types of ESCOs, not only companies that receive metered data and thereafter propose efficiency services, but also companies offering "balancing and congestion services"
- LW thinks that companies offering "balancing and/or congestion services" may be expressed within the roles already in the HRM

Action:

- All are asked to come up with better justifications, including companies doing "balancing and/or congestion services"

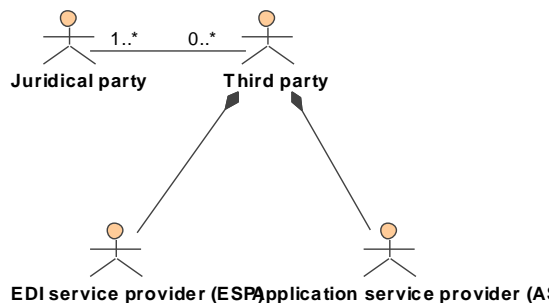
Comments from ebIX® March 2015:

- ebIX® need more time to prepare better justifications/requirements for addition of the role ESCO to the HRM, hence ebIX® propose to remove the item from the HG agenda until ebIX® comes up with better justifications/requirements.

Appendix E ebIX® Rules for addressing (routing)

E.1 Definitions

- Juridical party:** In this chapter the term juridical party will be used for the party juridical responsible for sending or receiving information.
- Business process id:** The key element in routing and addressing is the Business process that will be identified by a code called the Business Process Identification (BPI). BPI also serves as the key element to indicate the business process capabilities of a party. The user group, government agency, or national ebIX® group making a Business information model assigns this code.
- Party id:** The identification of a party, i.e. the party's EAN location number or the party's EIC (ETSO Identification Code).
- Third party:** A party acting on behalf of the juridical party (as an intermediate) in a message exchange scenario. In between the juridical parties there may be several third parties. These intermediates can have different responsibilities, such as routing of documents, conversions to/from EDIFACT/XML and/or handling of the document content on behalf of the juridical party. Intermediates only doing routing of messages will not be a part of the addressing principles discussed below. The third parties may be split into the following two subtypes:
- Application service provider (ASP):** A third party that takes care of the database (application) for a juridical party. The ASP is responsible for returning application acknowledgements, such as APERAK.
- EDI Service Provider (ESP):** A third party that is responsible for the document exchange on behalf of the juridical party, including conversion of documents. The ESP is responsible for returning syntax related acknowledgements, such as EDIFACT CONTRL.



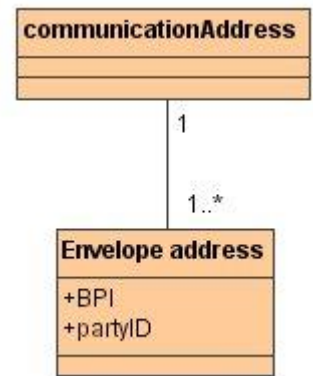
Relationship between roles in document exchange

A juridical party can choose whether or not to use one or more third parties in his document exchange. It is also possible to combine usage of third parties for one or more business areas and handle the document exchange himself for other business areas.

E.2 Principles for addresses and identifications

1. The juridical party may choose whether to use one or more third parties as intermediates in a document exchange scenario.

2. A juridical party can only have one party id for each BPI.
3. Routing of documents, including acknowledgements, shall use the same principles even if third parties are used.
4. In case of additional routing information a BPI shall be used for routing of documents to the right business process through its identification.
5. The main use of the addresses in the envelope (for EDIFACT in UNB) is routing purposes. The routing information includes information related to the BPI.
6. A recipient id combined with the related BPI in the envelope (for EDIFACT in UNB) can only be linked to one communication address, but a communication address may be linked to several combinations of party ids and/or BPIs.
7. It shall always be the juridical party, the party legally responsible for sending or receiving the information, that is identified in the document header level (for EDIFACT in the NAD segment).
8. Either EAN or EIC (ETSO Identification Code) identification scheme shall be used as party id.
9. The BPI concerned shall be stated in the envelope.
10. Acknowledgements of acceptance, such as EDIFACT/APERAK, shall be treated as any other document regarding the addresses. I.e. the sender address, including BPI (sub address) in the original document, shall be sent as receiver address in the application acknowledgement. And the receiver address, including BPI (sub address) in the original document, shall be sent as sender address in the application acknowledgement.
11. Acknowledgements of receipt, such as EDIFACT/CONTRL documents, shall be returned with opposite addresses. I.e. the sender address, including BPI (sub address) in the original document, shall be sent as receiver address in the syntax acknowledgement. And the receiver address, including BPI (sub address) in the original document, shall be sent as sender address in the syntax acknowledgement.



Appendix F Mail exchange between the Japanese CEFACT project and Jean-Luc Sanson

Dear ETC colleagues,

Please find below the mail exchange between the Japanese CEFACT project (Shingo) and Jean-Luc Sanson. FYI.

(Jean-Luc suggesting that Japan better moves its project to IEC and Shingo answering that they do not intend to, since they have to work within a business context that is broader than just electricity.)

Regards, Kees

-----Original Message-----

From: Shingo Sakaguchi [<mailto:sakaguchi-sxg@cnt.necst.nec.co.jp>]

Sent: zondag 1 maart 2015 1:06

To: Jean-Luc Sanson; Sparreboom, Kees

Cc: Shigehiro Shimano

Subject: RE: restarting RDUMS project activity

Thank you for responding Jean-luc; I'm very pleased.

Yes, I have to answer your question first; RDUMS will have benefit to define inside UN/CEFACT because this organization has no industrial boundary limitation.

To recuse utility data in unlimited industrial domain will have leverage enormous business chances comparing to use under industrial domain targeted by like IEC or ITU.

Recently, I hear IoT, internet of things, from my surrounding business people; this is a use case we can apply RDUMS on I believe. I and project members need to create use cases as many as we can to make sense for our activity under the UN/CEFACT.

So I'll try to continue to reply your question.

On the other hands, an approval process which I proposed in previous is another factor to achieving this project. So if you agreed on, I would go ahead with the schedule.

Do you agree on?

I should understand your current situation; you will have less time to spend for this project. I ask of you. Do you have several chances to have teleconferences:

One for discussing the approval process before the next UN/CEFACT forum in April.

The other for discussing the approval internal review of the BRS during the next UN/CEFACT forum in April.

Each teleconference will take, approximately, for two hours.

Best Regards

Shingo

--Separator@sakaguchi-sxg@cnt.necst.nec.co.jp:

-----Original Message-----

From: Jean-Luc Sanson [<mailto:jean-luc.sanson@noos.fr>]

Sent: Thursday, February 26, 2015 5:48 PM

To: Sakaguchi Shingo(阪口 信吾); 'Sparreboom, Kees'

Cc: Shimano Shigehiro(島野 繁弘)

Subject: RE: restarting RDUMS project activity

Hi Shingo,

Sorry for this late response.

I see that you have done a lot of work and that the BRS is moving ahead with now detailed exchanges. It seems to me that RDUMS is now moving to a kind of Energy Management framework between Utility and Users, and not being just a reuse of what you use to call UtilityData.

It is fine, but it means that this kind of interactions is coming more in the scope of IEC (WG 14, WG 16 and WG 21)...

The question that come to my mind is : what would be the benefit to have RDUMS defined inside UN/Cefact?

For RDUMS project, I have to step back for a while, because I am busy on a lot of projects.

So I am not going to be able to follow the project at UN/Cefact in the coming year.

I do not plan either to attend UN/Cefact Forums at least this year.

But we keep in touch in case.

Best regards

Jean-Luc Sanson

-----Message d'origine-----

De : Shingo Sakaguchi [<mailto:sakaguchi-sxg@cnt.necst.nec.co.jp>]

Envoyé : lundi 23 février 2015 15:20

À : Sparreboom, Kees; jean-luc.sanson@noos.fr Cc : Shigehiro Shimano
Objet : RE: restarting RDUMS project activity

Dear Kees and Jean-luc

Please find an attachment.

It is up date BRS which covers only scope 1.

Scope2 means defining aspect data model in some could (or/and Bid Data).

Scope3 means defining procedure retrieving utility data from some could (or/and Bid Data).

I've been working to fill up some lacking fields completely by the end of this week.

However, if you check BRS format first, I'll be happy. Both you might be busy in this periods for preparing the UN/CEFACT forum for own purposes.

But if I receive your first comments (format check), I'll catch up to fix them by early March.

There are a lot of business transactions in it; however, they can be separate two basic categories:

- Registering master data for utility management systems
- Transactional data by utility consumption

In the near future, I would discuss among you how this project publishes specification like bundle covers all scope or steps publications for each scopes, so on.

And below are lists following above categories; 1. Registering master data for utility management systems

- Register Building
- Register Utility Distributor
- Register Building Facility
- Register Installation
- Configure Building Data Profile
- Configure Installation Data Profile
- Configure Building Rated Capacity
- Configure Installation Rated Capacity
- Register Controller
- Register Tenant
- Configure Code Profile
- Receive Predicament Information
- Configure Meter Data Schema
- Register Collector Device
- Register Membership

2. Transactional data by utility consumption

- Report Utility Consumption of Building
- Request Installation Control
- Monitor Hourly Consumption of Building
- Monitor Semidiurnal Consumption of Building
- Monitor Daily Consumption of Building
- Report Utility Consumption of Home
- Monitor Hourly Consumption of Home
- Monitor Daily Consumption of Home
- Monitor Specified Month Consumption of Home
- Monitor Monthly Consumption of Home
- Monitor Specified Year Consumption of Home
- Monitor Hourly Expense of Home
- Monitor Daily Expense of Home
- Monitor Specified Month Expense of Home
- Monitor Monthly Expense of Home
- Monitor Monthly CO2 Emission of Home
- Report Usage Record of Charging Station
- Report Operating Condition of Charging Station

Best Regards

Shingo Sakaguchi

--Separator@sakaguchi-sxg@cnt.necst.nec.co.jp:

-----Original Message-----

From: Sakaguchi Shingo(阪口 信吾)

Sent: Wednesday, February 18, 2015 11:07 PM

To: 'Sparreboom, Kees'; jean-luc.sanson@noos.fr

Cc: Shimano Shigehiro(島野 繁弘)

Subject: restarting RDUMS project activity

Hi Kees and Jean-Luk

I apologize of less contact inter terms of RDUMS project for a long time.
I wish to come back to active under the UN/CEFACT.

In fact, I would like to awake RDUMS project.
However, there are difficulties to promote this project step by step following normal procedure. Rather, I want to move this project to be impact by outer such as Japan government.
To achieve this goal, I wish to put this project on the fast truck at least by stage of public review.

Here is brief schedule plan:

1. I submit draft BRS to both of you by the 23 Feb.
2. You, Kees and Jean, check format as BRS.
(When I beg you work in this short period, it would be reality only I ask of you.)
3. I ignite internal review within UN/CEFACT member including you from early March by end of March, and gathering internal review comments.
4. I'll fix review comments by the next UN/CEFACT forum in April.
5. We, project members, amend up the BRS with approval during the forum.
I'll work mainly.
6. Start public review soon after the forum.

Once we release BRS document publicly for the purpose of review from UN/CEFACT (web site), I believe we can start better discussions base on real comments from outer for broaden usage in terms of utility data.

Again, only this forcible execution will be able to lie on back to a truck I believe.
And I wish you will cooperate in this scenario, at lease UN/CEFACT Japan committee follows and understand this activity.
If you have any question, please contact me.

Please find an attachment,
This is the BRS, submitting previously, and will be updated by early next week.
Best Regards,

Shingo

--Separator@sakaguchi-sxg@cnt.necst.nec.co.jp: