FINGRID
Datahub

Release Notes Datahub 0.1

21.3.2019

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1 Introduction

This document includes the release notes for the Fingrid Datahub version 0.1 (Stage 1, release 1)[1].

Chapter 2 describes the implemented functionalities and known deviations and defects in the release.

A Deviation represents piece of functionality that is part of the planned scope delivery that is not yet delivered with the release due to dependencies on components or functionalities planned for delivery in a future release.

A Defect (a.k.a. bug or known error) specifies a part of the software that is not working as it was described in the design. Defects can be found as part of the system testing or as part of later test phases. In these cases a software fix is required and will be planned according to the defect management plan.

The descriptions of the datahub events (market process events) implemented by the datahub system can be found in the Ediel.fi-portal (link) in document "Datahub Events" (or "Datahub tapahtumat" in Finnish). Apart from the deviations and defects, which are declared in this document, all the implemented features (market processes) follow the following market specifications published in the Ediel.fi-portal:

- Electricity retail market business processes in Datahub version 1.7

- Datahub events version 1.7

- Datahub data standard 1.7.

Release includes a B2B message interface using SOAP and a web browser GUI portal. Generally, the market processes are used mainly through the B2B interface, but structural data processes can be performed through the GUI as well. As part of the testing GUI can be used to verify and to view market process details for processes that were performed using B2B interface. Please note that in the current release there are limitations in the GUI screens for market processes and the design of the views are not final. This means that not all parts of the implemented market processes can be verified from the GUI in this release.

Note also that the version numbers '1.0 CMS2.0' visible in GUI are only used within the datahub implementation project. CMS2.0 refers to the version of the CMS product, which is the product which implements the Datahub.

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[1] The overall implementation schedule is presented in Powerpoint presentation on slide 10 of the 15.2.2019 Datahub webinar (available at Ediel.fi-portal).

1.1 Deviations in the message schemas from market process documentation v1.7

The following changes in the process documentation are not yet in the published schemas:

- In message E58 the implemented domain in fields *Accounting point type* and *Accounting point sub-type* differ from the documentation. In this release, the Accounting point type domain contains values AG01, AG02 and AG03. Field *Accounting point sub-type* contains values AQ01 and AQ02. Please do not use the code AQ03 with field *Accounting point sub-type* even though it is in the documentation.

- In message E58 there is a field *Metering time step* that has no function is this release. Please do not submit this field in your messages.

- From the message F04 -Structural data, agreement data field "Contract start date" has been removed. The schema still requires the element <ContractStart> so it is mandatory. The element can be freely filled with any time-stamp value because it is not used even though it is mandatory.

Although some of the system functionalities deviates from the market documentation, the XML schema 1.7 is in line with the actual implementation. If in doubt, follow the XSD's over other documentation. The schemas and the B2B interface specification can also be found in Ediel.fi-portal (link).

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2 Datahub Stage 1 Release Notes

2.1 Release functionalities

Release Features		
DH-120 Accounting point data maintenance		
DH-121 Create Accounting point		
DH-122 Accounting Point Data Update (by DSO)		
DH-123 Accounting Point Deletion		
DH-124 Accounting Point Data Update (by Supplier)		
DH-310 Contract processes		
DH-311 Notification of a New Contract		
DH-312 Grid Agreement Confirmation		
DH-410 Connection processes		
DH-411 Supply Connection Request (by Supplier)		
DH-412 Notification of Supply Connection (By DSO)		
DH-413 Notification of Connection Delay		
Email		
	Email Interface	Release includes a feature for the user to set up user account and password by eMail.
External B2B interface		
	External B2B interface	System Web Service (SOAP) interface to use market processes.
Login management (not in scope of Stage 1 testing)		
Log in		
Change password		
Forgot password		
Update personal info		
Dashboard (Menu Item)		
Menu is available, but function is unavailable		

2.2   Deviations

Summary	Description	Estimated stage of resolution
DH-121 Create Accounting point		
Time limits in Accounting Point creation request (DH-121) differ from the definitions in datahub events v1.7.	Datahub events defines that "Start of occurrence at the earliest 3 years retrospectively, at the latest current day at 00:00.". However, actual implemented time limits are -3 → +1 days with relation to current day.	Stage 3
DH-122 Accounting Point Data Update (by DSO)		
Business Rule for Accounting Point Update on leaving supplier cannot be tested as agreement cannot be created in the past	There is a business rule stating the following: Notification to CurrentSupplier is not sent if the data update is reported retrospectively more than 6 weeks after the involved SalesAgreement has ended (i.e. the so called LeavingSupplier is still notified). However, as sales agreements cannot be created with the starting date in the past we cannot create this situation to test it.	Stage 4
DH-123 Accounting Point Deletion		
No deviations		
DH-124 Accounting Point Data Update (by Supplier)		
No deviations		
DH-311 Notification of a New Contract		
Agreements cannot be started in the past	Retrospective corrections made for agreements will be part of a future release.	Stage 4
Cancellation of future sales/balance agreements (due to a move in) in DH-311.	The Future balance and Sales agreements are cancelled as part of this process (balance information is handled as balance agreements in the datahub for accounting points). However, the exact handling of cancellation of sales agreements will be discussed during the	Stage 3

	workshops on contract cancellation and this might change the actual implementation at that point.	
Notification on Loss Consumption Zeroing as part of New Agreement process (DH-311-9) not yet implemented. Planned for stage 5.	This notification needs integration with MDM/Settlement. Notification is only sent in case of retrospective corrections for agreements. (These will not be allowed in stage 1).	Stage 5
Validation on Combined Invoicing not yet implemented as not yet administered at Organisation.	Combined invoicing is one of the attributes that need to be add to the organisation entity. These changes are not part of the scope for stage 1.	Stage 4
Validation Rules on cancelled agreements not yet implemented	The actual description on how to handle contract cancellations will be discussed as part of Stage 3. The validation rules on this cannot be implemented yet	Stage 3
Agreements cannot be created with an end date.	Current version of the message definition for the event does not have a field for end date.	Stage 3
Validation rule to check Personal Identification Number format (should be PPKKVVSNNNT) is not yet implemented. Also age of the customer (customer needs to be at least 18 years old) is not checked yet from Personal Identification Number.	Will be part of a stage 2 release. Age will however be validated in cases where a value for date of birth field is given.	Stage 2
DH-312 Grid Agreement Confirmation		
Message not confirming the grid agreement (without Contract information) cannot be processed correctly .	A dh-312 message not confirming the grid agreement can be sent without accounting point information. Currently this accounting point information is necessary to route the message to the correct process. Message definition for DH-312 will be updated so that accounting point ID is always mandatory.	Stage 3
DH-411 Supply Connection Request (by Supplier)		

No deviations		
DH-412 Notification of Supply Connection (By DSO)		
Check on Existing Disconnection process instance and Notifications on Disconnection are not yet implemented.	The disconnect process has not been implemented yet. Therefore this validation rule cannot be implemented yet.	Stage 2
DH-413 Notification of Connection Delay		
No deviations		
General B2B deviations		
Checks on Difference between incoming message and Current State not yet implemented	Currently datahub won't validate in data updates that is the data actually changed or not. Datahub will forward also updates that contain no changes.	Stage 3
External Reason codes used in B2B messages are temporary and will be updated in future version.	External reason codes will be defined in a later stage .	Stage 4
Validation on Third party authorisations and notifications to Third parties not yet available		Stage 2
Validation rules against Postal Code Interface not implemented	Datahub will validate that postal code and the post office will match for addresses located in Finland and that postal code and post office can be found in the list provided by Finnish Posti.	Stage 4
General cancellation message described in datahub events document in chapter 2.9 is not yet implemented.	Cancellation procedures and implementation of these are clarified in the future.	Stage 4
General GUI deviations		
User interface limitation on executing following continuation processes in GUI: • Screen Confirm Grid Agreement • Screen for Notification of Connection delay (open transactions) • Screen Handling Connect by DSO as response to Connection Request by Supplier • Screen Handling Update accounting point by DSO as response to update request by Supplier	This requires product upgrade planned for stage 3.	Stage 3

2.3   Open Defects in the release

Open Defects	
DH-123 (Implementation) Accounting Point Deletion	
[GUI] Start of Occurrence missing on Delete Accounting Point Popup	The StartOfOccurrence is not present on the screen. The process will automatically delete on the start of occurrence of the create accounting point.
DH-124 (Implementation) Accounting Point Data Update (by Supplier)	
[GUI] ADD and DELETE Button unjustly present at 'Accounting Point Data Update Request' by Supplier	For the Accounting Point Update by Supplier the Add and Delete buttons should not be present for a table as this is not allowed in the process. Currently, these buttons are available.
DH-311 Notification of a New Contract	
GUI Create Sales Agreement: Mandatory attributes for Optional message parts need to be filled in to submit.	In the create sales agreement UI there are some optional message parts with mandatory fields. Currently, you cannot submit the request if all of these attributes are not filled (even though the complete part should be optional).