



**Business Requirements
for
Consented request for
Accounting Point
characteristics**

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A. About this document

This document is a Business Requirements Specification (BRS) for Consented request for Accounting Point characteristics process within the structuring process of the European energy market. In this BRS we use business terms for the actors, and we map them to the terms used in the Harmonised Role Model from ENTSO-E, ebIX® and EFET [3].

The Consented request for Accounting Point characteristics is a process that can be used as a preparation for other processes, such as change of Supplier, to make these processes more efficient. An Energy Supplier may for instance run the consented request for Accounting Point characteristics to get needed information related to an Accounting Point when a Customer has given its explicit consent in the process for a new supply contract.

Contrary to the request Accounting Point characteristics process, the consented request for Accounting Point characteristics process demands upfront Customer consent and should only return a limited number of Accounting Point characteristics elements, i.e. the elements explicitly consented by the Customer for the Accounting Point.

As a general introduction ebIX® has published a separate document “Introduction to ebIX® Business Requirements and Business Information Models” [4]. The introduction also includes the generic model elements that are not specific for a business process.

In line with UN/CEFACT Modelling Methodology version 2 (UMM-2) ebIX® defines the business requirements as the first step in modelling energy market processes. This document specifies an UMM Business Requirements View, which consist of the three sub views: Business Domain View, Business Partner View and Business Entity View.

The Business Information Model is in turn the basis for the creation of XML schema’s and is the basis for the specification of web services. The Business Information Model and the syntax specific structures are specified by the “ebIX® Technical Committee” (ETC).

Since the ebIX® model is open for national customisation, some attributes are added as optional for usage for regional/national customisation. If used, these attributes must be specified nationally.

A.1. References

A.1.1. Standards

- [1] UML Profile for UN/CEFACT's Modelling Methodology (UMM), Base Module 2.0., (<http://www.unece.org/tradewelcome/un-centre-for-trade-facilitation-and-e-business-uncefact/outputs/technical-specifications/uncefact-modelling-methodology-umm.html>);
- [2] UML Profile for UN/CEFACT's Modelling Methodology (UMM), Foundation Module, 2.0. (<http://www.unece.org/tradewelcome/un-centre-for-trade-facilitation-and-e-business-uncefact/outputs/technical-specifications/uncefact-modelling-methodology-umm.html>);
- [3] The Harmonized Role Model (for the Electricity Market) by ebIX®, ENTSO-E, and EFET (www.ebix.org).

A.1.2. ebIX® Documents

- [4] Introduction to ebIX® Business Requirements and Business Information Models (www.ebix.org);
- [5] Recommended Identification Schemes for the European Energy Market (www.ebix.org);
- [6] ebIX® code lists (www.ebix.org);
- [7] ebIX® Business Requirements for Administration of consent (www.ebix.org);
- [8] ebIX® Business Requirements for Alignment of Accounting Point characteristics (www.ebix.org).

A.2. Main changes since last version

Old	New	Clarification	Date
Version 4.0			
3.2.B	4.0.A	Recast of document	20200818
4.0.A	4.0.B	Spelling correction.	20200909
4.0.B	4.0.C	<ul style="list-style-type: none">• Harmonised the introduction with other ebIX® BRSs.• Hiding attributes from the root class in Appendix A, to make the class.	20230815
4.0.C	4.0.D	Spelling corrections.	20231002

1. Consented request for Accounting Point characteristics

1.1. Consented request for Accounting Point characteristics (Business Process UseCase)

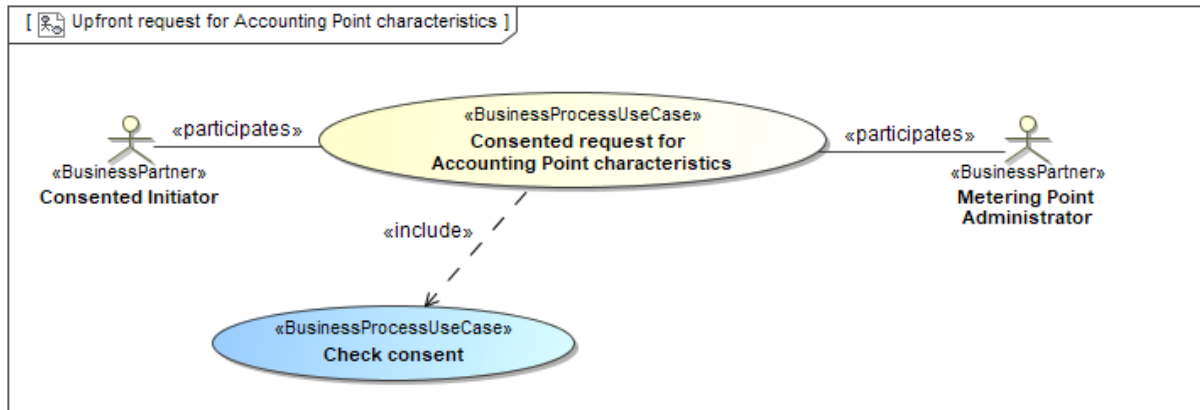


Figure 1 Consented request for Accounting Point characteristics

1.1.1. Description

UseCase description: Consented request for Accounting Point characteristics	
definition	A Consented Initiator ¹ queries the Metering Point Administrator for characteristics of a certain Accounting Point. This process can be used as a preparation for other processes, such as Change of Supplier, to make these more efficient.
beginsWhen	When the Consented Initiator has a need for characteristics of an Accounting Point.
preCondition	The Consented Initiator has consent for the data from the Customer.
endsWhen	When the Consented Initiator has received the consented set of Accounting Point characteristics he was consented for.
postCondition	The Consented Initiator has the consented Accounting Point characteristics.
exceptions	The request may be rejected, and the process stops.
actions	See 1.1.2

¹ Such as Balance Responsible Party, Energy Supplier, Metered Data Responsible or Shipper.

1.1.2. Business Process

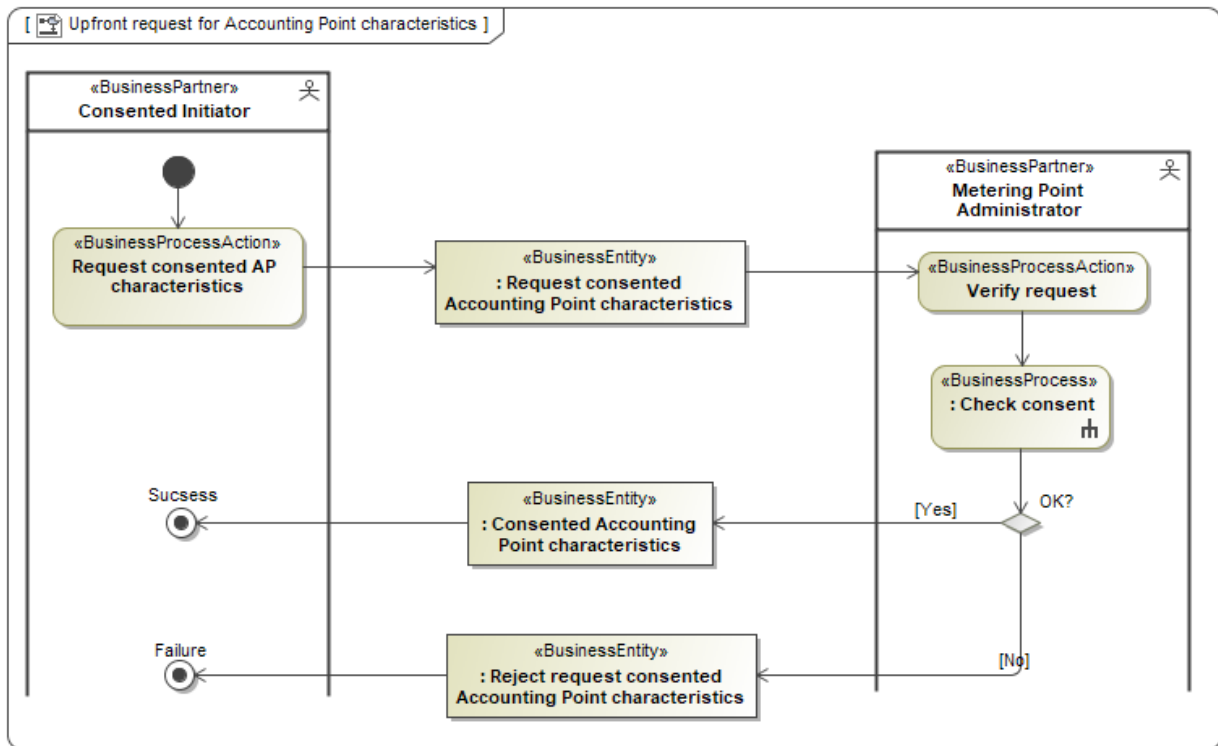


Figure 2 Business Process: Consented request for Accounting Point characteristics

1.1.3. Check consent

Before a Metering Point Administrator can give out a specific data set, he should check with the Consent Administrator whether a Customer has given its consent to let a Specific Party retrieve data from the Accounting Point for a specified date or period. This process is described in the ebIX® Business Requirements for administration of consent [7].

1.2. Business Partner View

1.2.1. Business Partners: Consented request for Accounting Point characteristics

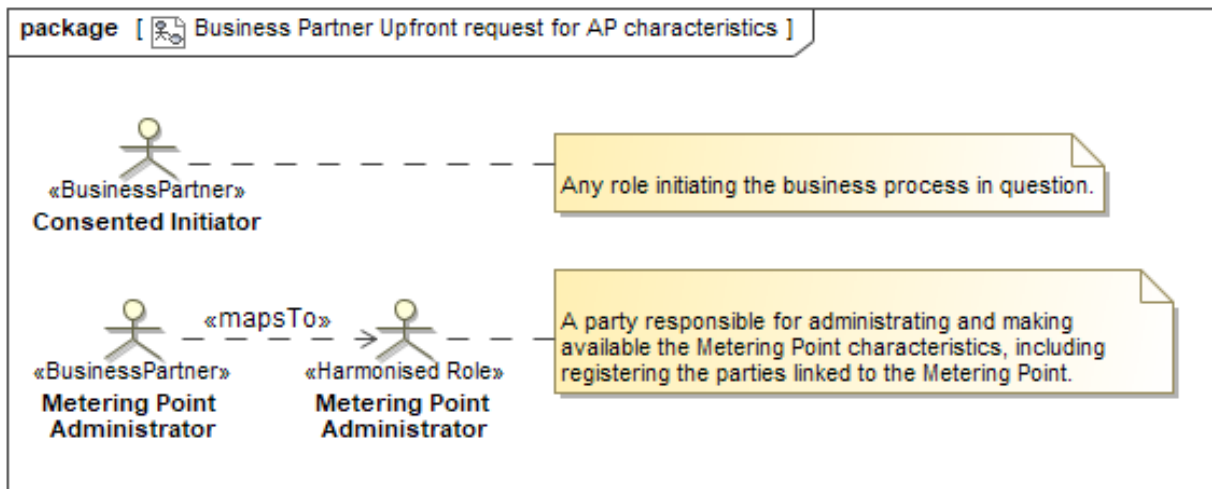


Figure 3 Business Partners: Consented request for Accounting Point characteristics

1.3. Business Entity View

A general introduction to the Business Entity View can be found in Introduction to ebIX® Business Requirements and Business Information Models (www.ebix.org), [4].

1.3.1. Request consented Accounting Point characteristics (Class Diagram)

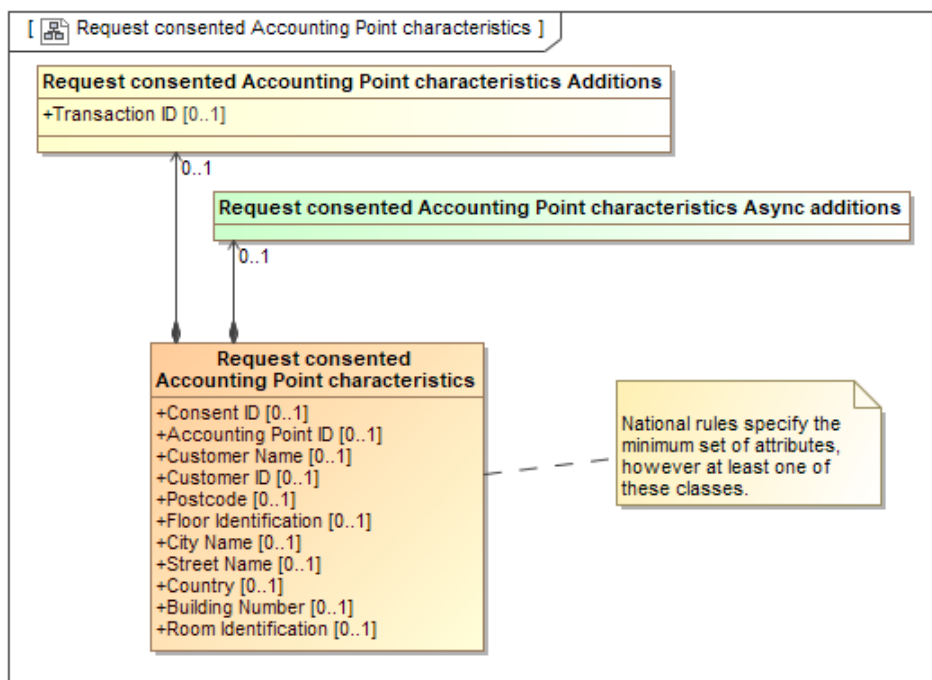


Figure 4 Request consented Accounting Point characteristics

Comment to the diagram:

- National rules specify the minimum set of attributes to identify an Accounting Point used in a consented Request for Accounting Point characteristics.
- The number of attributes to identify an Accounting Point can be extended on a national basis.

1.3.1.1. Element definitions: Request consented Accounting Point characteristics

<p>«Business entity» Request consented Accounting Point characteristics</p>	<p>The information set to be sent by a Consented Initiator, e.g.:</p> <ul style="list-style-type: none"> • Balance Responsible Party • Energy Supplier • Energy Service Company • Metered Data Responsible • Shipper <p>to the Metering Point Administrator when requesting consented Accounting Point characteristics.</p>
<p>Consent ID</p>	<p>The unique ID for a specific consent from one Customer, the Consented Initiator and the Accounting Point.</p>
<p>Accounting Point ID</p>	<p>The unique identification of the Accounting Point that is intended in this request.</p>
<p>Customer name</p>	<p>The name of the Customer at the intended Accounting Point.</p>
<p>Customer ID</p>	<p>The unique identification of the Customer at the intended Accounting Point.</p>
<p>City Name</p>	<p>The name, expressed as text, of the city, town or village of the address of the intended Accounting Point.</p>

Street Name	The name, expressed as text, of this street or thoroughfare of the intended Accounting Point.
Building Number	The code specifying the postcode of the intended Accounting Point.
Postcode	The identification, expressed as text, of the room, suite, office or apartment as part of the intended Accounting Point.
Room Identification	The identification by name or number, expressed as text, of the floor in the building as part of the intended Accounting Point.
Floor Identification	The unique identifier of the country for the intended Accounting Point (Reference ISO 3166 and UN/ECE Rec 3).
Country	The name, expressed as text, of the city, town or village of the intended Accounting Point.
Request consented Accounting Point characteristics Additions	Additional information related to consented request for Accounting Point characteristics, to be agreed on a national level.
Transaction ID	The unique identification of this set of information, given by the Consented Initiator.
Request consented Accounting Point characteristics Async Additions	Additional information related to consented request for Accounting Point characteristics, needed when using asynchronous communication, however not used in this request.

1.3.2. Response request consented Accounting Point characteristics (Class Diagram)

The response consented request for Accounting Point characteristics class diagram must be specified on national basis. Depending on the consent given to the Consented Initiator, the set of attributes will be a subset, or the complete set of Accounting Point characteristics specified in the Business Requirements Specification for Alignment of Accounting Point characteristics [8].

1.3.3. Reject request consented Accounting Point characteristics (Class Diagram)

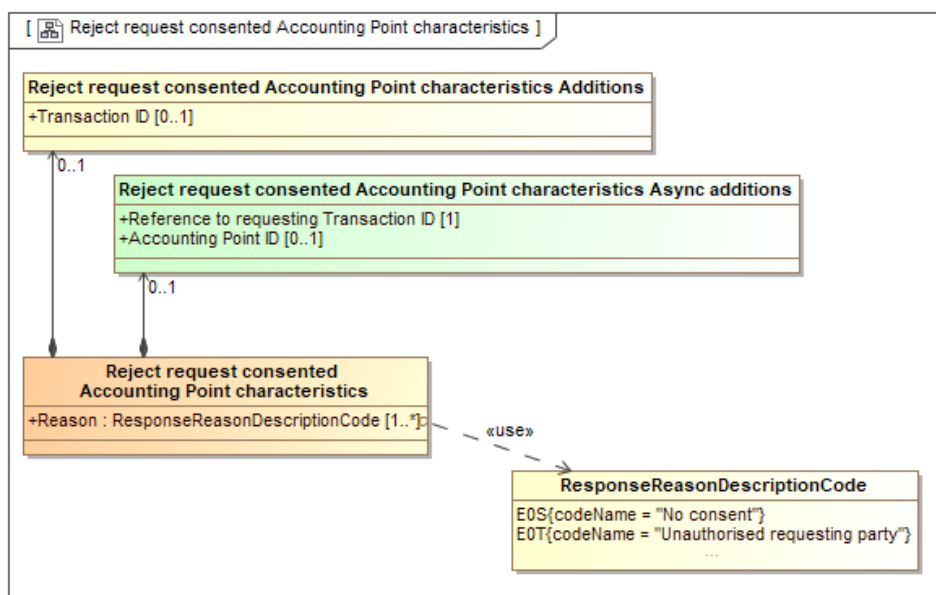


Figure 5 Reject request consented Accounting Point characteristics

1.3.3.1. Element definitions: Reject request consented Accounting Point characteristics

<p>«Business entity» Reject request consented Accounting Point characteristics</p>	<p>The information set sent from the Metering Point Administrator to the Consented Initiator, i.e.:</p> <ul style="list-style-type: none"> • Balance Responsible Party • Energy Supplier • Energy Service Company • Metered Data Responsible • Shipper <p>when rejecting a request for consented Accounting Point characteristics.</p>
Reason	A code specifying (one of) the reason(s) for the rejection of the requested consented Accounting Point characteristics.
Reject request consented Accounting Point characteristics Additions	Information, related to rejection of the requested Consented Accounting Point characteristics, to be agreed on a national level.
Transaction ID	The unique identification of this set of information given by the Metering Point Administrator.
Reject request consented Accounting Point characteristics Async Additions	Additional information, related to the rejection of the consented request for Accounting Point characteristics, needed when using asynchronous communication.
Reference to requesting Transaction ID	The Transaction ID from the request, where this is the response for, given by the Consented Initiator.
Accounting Point ID	The unique identification of the Accounting Point.

Appendix A. Header and Context information for the class diagrams

A.1. Header and Context Information attributes definitions

Class/attribute	Sector ²	Description
Header and Context Information		The set of information specifying the information to be added to this payload to enable the exchange as a document.
Document Type		A code representing the document type used for the exchange of this set of information.
Business Reason		A code representing the business reason for the exchange of this set of information.
Ancillary Business Process Role		A code representing the market role taking part in this exchange together with the Responsible Role, responsible for the process/this exchange.

A.2. Request consented Accounting Point characteristics

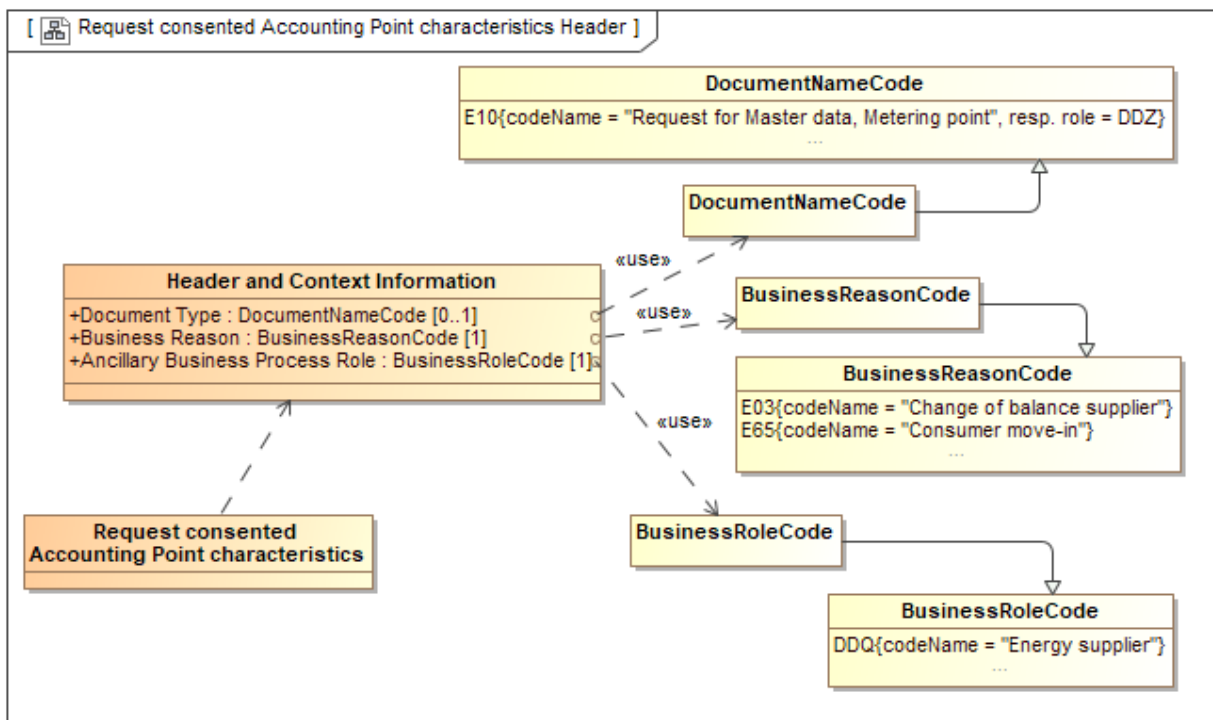


Figure 6 Class diagram: Header and Context Information: Request consented Accounting Point characteristics

² It is assumed that Accounting Points are uniquely dedicated to either electricity or to gas.

A.3. Response request consented Accounting Point characteristics

The Response consented request for Accounting Point characteristics class diagram must be specified on national basis. The set of attributes can be a subset, or the complete set, of Accounting Point characteristics specified in the Business Requirements Specification for Alignment of Accounting Point characteristics [8].

A.4. Reject request consented Accounting Point characteristics

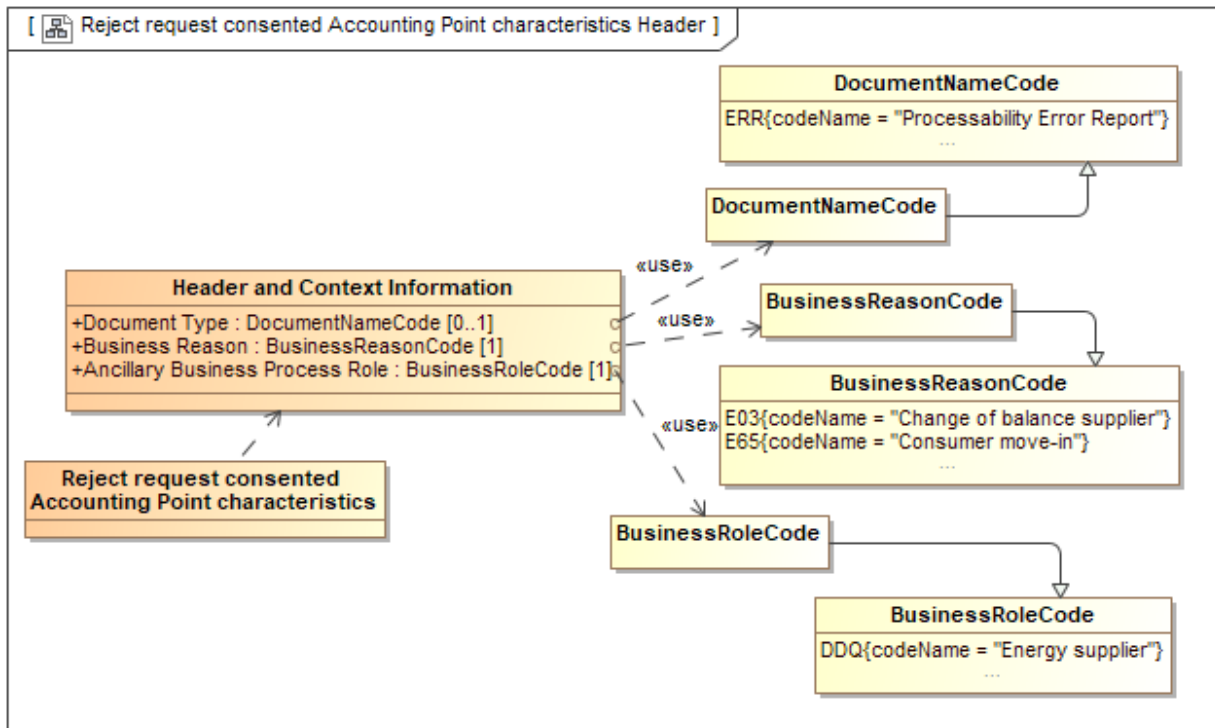


Figure 7 Class diagram: Header and Context Information Reject request consented Accounting Point characteristics