National IT and Telecom Agency

Ministry of Science
Technology and Innovation

OIOUBL Scenario description

OIOUBL Catalogue Exchange
Scenario Package: CATEXE
Version 1.1
UBL 2.0

Offentlig Information Online

OIOUBL

Universal Business Language

Document History

Revision History

Revision Number	Revision Date	Summary of Changes	Author	Changes marked
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Contents

1. Introduction

This document describes business scenarios related to the OIOUBL Catalogue Exchange package based on UBL 2.0 business documents. The document is one from among six documents describing other procurement cycles. Please refer to ref. no. 2 for an overview of these documents and a general introduction to OIOUBL Procurement Scenarios.

For an overview of the OIOUBL package, refer to ref. no. 1, and for the UBL 2.0 specification refer to ref. no. 5.

1.1 Purpose and target audience

The purpose of this document is to facilitate the use of UBL 2.0 in procurement in Denmark by providing **descriptions** of typical OIOUBL business scenarios. For a **normative specification** of OIOUBL refer to the OIOUBL Guidelines (Ref. 4) and the OASIS Universal Business Language 2.0 specification (Ref. 5).

The main focus is on public procurement but the specifications could be used also in the private sector.

We have focused on how to use UBL to optimize the procurement process with a small set of electronic documents. The audience is particular technical and domain specialists responsible for implementing e-procurement, developers and project leaders responsible for implementing ERP-systems, Workflow-systems and other related systems on the Danish market.

It is our humble hope that the scenario descriptions in this document can be an inspiration for UBL users in all countries and in this way facilitate the adoption of UBL worldwide.

1.2 Key to using this document

The scenario package description is divided into the following logical sections:

- General introduction
- A definition of the OIOUBL Catalogue Exchange process
- A number of related scenario descriptions (Use Cases) including example XML instance files
- Description of selected internal processes and eBusiness benefits

Chapter 2.5 contains a list of the business scenarios covered in this document.

When talking business scenarios it is important to distinguish between external and internal processes. The external processes describe how the eBusiness documents flow between the different external parties, while the internal processes describe how a given organization or company handles these external documents. Normally the external documents trigger (or should trigger) one or more internal procedures and the content of the external documents become vital to these procedures.

Business processes (or activities) are classified the following way throughout the document:

- Primary activities (external processes inside the defined scope)
- Secondary activities (external processes outside the defined scope and internal processes)

Primary activities are generic in their nature and will be described as such. These activities are the main focus of this document. However selected internal processes will be discussed based on our observations.

The example sections are provided as a help to speed up the implementation process and in order to minimize implementation errors and misinterpretation of document instances.

1.3 Prerequisites

It is assumed that the reader is familiar with the following:

- The UBL 2.0 party concept (Ref. no. 5)

- The OIOUBL profile specification (Ref. no. 3)

- The OIOUBL scenario classification (Ref. no. 2)

1.4 References

Ref no	Document id	Version	Title
1	I01	V1.1	OIOUBL package overview
2	S01	V1.1	Introduction to OIOUBL Procurement Scenarios
3	G26	V1.1	OIOUBL Profile specification
4	I01	V1.1	Introduction to OIOUBL Guidelines
5		V1.0	OASIS Universal Business Language 2.0 specification

2. OIOUBL Catalogue exchange definition

2.1 Scope

In the OIOUBL Catalogue Exchange Cycle a Catalogue or a Catalogue update is exchanged between a Receiver Party on the customers' side and a Provider Party on the suppliers' side. The exchange of catalogue documents can be initiated from the different parties for different purposes. The initiator can be a customer, a supplier or a third party e.g. a catalogue or contract manager or a portal or market place. The purpose can vary from an annual price update from the supplier based on a contract, to a display of products in a portal.

The focus of the CATEXE scenario package is not as much the diversity in the catalogue request, but rather the differences between the catalogue and the catalogue update documents, and how and when to use the documents.

This document describes the different ways in which the Catalogue exchange can be achieved by utilizing the UBL 2.0 framework. The following issues are covered:

- The business parties involved
- The involved business processes and their interrelationships
- The business documents to be exchanged
- The business rules that apply to content and structure of these business documents

2.1.1 Actors

In the Catalogue Exchange process business parties (or actors) are limited to:

- Receiver Party
- Provider Party

In the CATEXE scenario the only roles[1] exchanging documents are the Receiver Party and the Provider Party. The Receiver Party can request catalogues and receive the catalogue documents. The Provider Party can receive a request for a catalogue and send catalogue documents. Both parties can send and receive the Application Response.

Since both Receiver Party and Provider Party can be a third party outside the customers' or suppliers' organization, it is possible to specify the Contractor Customer Party and the Seller Supplier Party on header level in the documents to eliminate any doubt about the actual customer and supplier.

2.1.2 Involved business documents

The involved business documents are:

- The *Catalogue Request* document is used to specify, which type of catalogue is requested e.g. a new catalogue or an update and to specify the products requested.
- The *Catalogue* document is used for creating a new catalogue and for adding, updating or deleting articles in an existing catalogue.
- The *Catalogue Item Specification Update* document can be used when only the item specifications are updated in an existing catalogue.

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[1] One role corresponds to a UBL 2.0 Party Term, se Ref. 4 + 5 for more info.

- The *Catalogue Pricing Update* document can be used when only prices are updated in an existing catalogue.

- The *Catalogue Deletion* document deletes a full catalogue.

- The *Application Response* is used in different scenarios to accept or reject documents or parts of documents. In relation to the catalogue documents, the Application Response can be used by the Provider Party to accept or reject a Catalogue Request or parts of the request, or by the Receiver Party to accept or reject either a total catalogue document or specified lines in a catalogue document.

  Using the Application Response document always should have some consequences. As an example a customer receives a price update for an existing catalogue. He sends an Application Response rejecting the price update, because he thinks the prices are too high. The consequence of the Application Response is, that the customer will no longer be able to purchase from the catalogue since the prices will be outdated, and he should delete the whole catalogue.

It should be noted, that when updating a Catalogue Line, the whole line is expected, and the existing Catalogue Line will be overwritten.

2.1.3 Limitations

The following business processes are not covered in this document:

- The ordering process
- The fulfilment process
- The transportation of trade items
- The payment process

2.1.4 Pre-conditions

A pre-condition for a catalogue request or a catalogue exchange is the sourcing process, where the customer finds and compares the potential suppliers. This process is not covered in this scenario description.

Another pre-condition for exchanging catalogue documents is that the Receiver Party can receive and read the documents send by the Provider Party and the other way around. The initiating party specifies in the ProfileID element which documents he can exchange and the receiver must match this profile or reject the document. See chapter 2.2 for more info on OIOUBL profile usage.

2.1.5 Post-conditions

The whole catalogue exchange process can be a pre-condition for the rest of the procurement process and the post-conditions for the catalogue exchange process are therefore dependent of the outcome of the procurement process.

One of the benefits from using electronic business documents is the possibility of automatic matching an order and an invoice. This process however already starts with the catalogue, since the order will reflect the items including prices and units in the electronic catalogue.

2.2 The usage of OIOUBL profiles

As described in Ref. 2 + 3, OIOUBL handles the different levels of complexity by a set of different **profiles**.

OIOUBL profiles make it possible for business parties to agree on different implementation levels of the UBL 2.0 model, and thereby make it possible to start at a basic level, and maybe later extend to a more advanced level.

Business parties capable of using OIOUBL should register the profiles they support in a common registry, in order to minimize the need for signing mutually trade agreements.

Profiles are identified with a unique ID in every instance of the business documents, and by providing a given ID, the business party commits itself to follow the rules and flow of documents as specified for that profile ID.

An OIOUBL profile is made up of one or more business processes which are reused (building bricks) in the different profiles. The business processes are structured into four levels:

Process level	Description	UBL usage
Basic	Basic level processes	Basic UBL usage
Simple	Entry level processes	Simple UBL usage
Extended	Next level of business processes	Limited UBL usage
Advanced	Top level of business processes	Full UBL usage

In figure 1 below it is shown what type of catalogue documents that are supported in the different profiles:

Profile	Document														
	Order	OrderResponse	OrderResponseSimple	OrderChange	OrderCancellation	Invoice	CreditNote	Reminder	Statement	CataloqueRequest	Catalog	CatalogItemSpecificationUpdate	CatalogPricingUpdate	CatalogDeletion	ApplicationResponse
Catalogue-CatBas-1.0											X			X	X
Catalogue-CatSim-1.0										X	X			X	X
Catalogue-CatExt-1.0											X	X	X	X	X
Catalogue-CatAdv-1.0										X	X	X	X	X	X

Figure 1

The OIOUBL Catalogue Exchange Cycle contains scenarios on using all the different catalogue documents and related processes, and for simplicity, all scenarios use the same and therefore most advanced profile:

Profile	Profile ID	Comments
Catalogue Advanced	Catalogue-CatAdv-1.0	The full catalogue process

As indicated in figure 1, some of the scenarios, could be implemented in one of the others more simple profiles all depending of what documents they are using.

The overall business process for Catalogue Advanced is shown in figure 2 below.

ad Cataloque-CatAdv-1.0

«document»
Catalogue Request

«document»
Catalogue

«document»
Catalogue Item SpecificationUpdate

«document»
Catalogue Pricing Update

«document»
Catalogue Deletion

Cataloque Advanced Process

«document»
Application Response
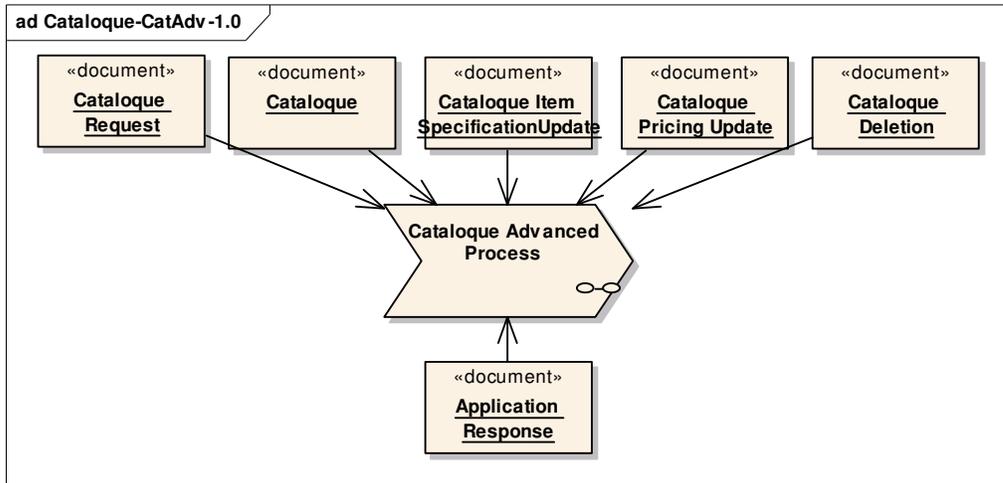
Figure 2

The Catalogue Advanced profile contains the following business processes:

Business process	Comments
CatalogueRequest	The OIOUBL process for requesting a Catalogue
Catalogue	The OIOUBL process for delivering a Catalogue
CatalogueUpdate	The OIOUBL process for updating an existing Catalogue
CatalogueDeletion	The OIOUBL process for deleting a catalogue

Note that all processes can be either with or without required response. If response is required, the receiver must send an Application Response or an Order Response.

The CatalogueRequest process is shown in figure 3 below:
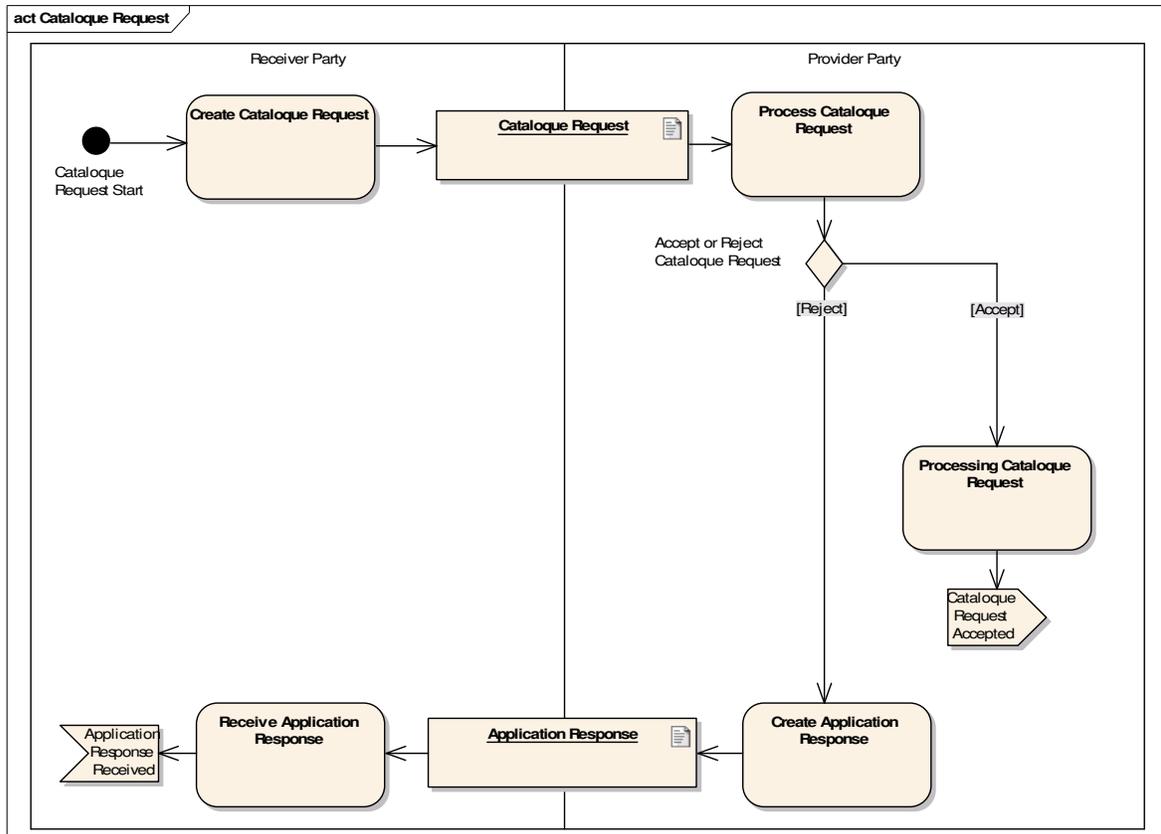
Figure 3, The CatalogueRequest process.

The Catalogue process is shown in figure 4 below:
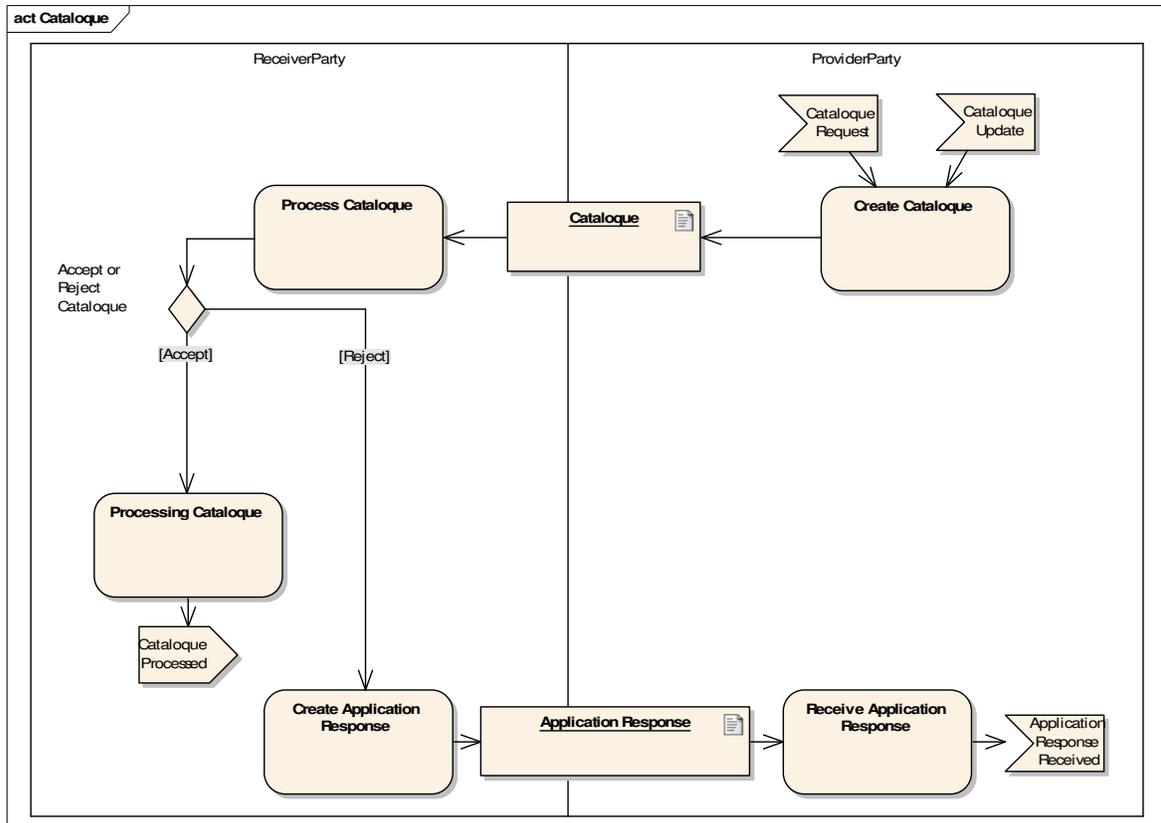
Figure 4, The Catalogue process.

The CatalogueUpdate process is shown in figure 5 below:

act Cataloque Update

| ReceiverParty | ProviderParty |

Catalogue Update

Process Cataloque ← Cataloque ← Create Catalogue

Process Catalogue Item Specification Update ← Catalogue Item SpecificationUpdate ← Create Catalogue Item Specification Update

Process Catalogue Pricing Update ← Catalogue Pricing Update ← Create Catalogue Pricing Update

Accept or Reject Cataloque Update

[Accept] [Reject]

Processing Catalogue Update

Catalogue Update Processed

Create Application Response → Application Response → Receive Application Response → Application Response Received

Figure 5, The CatalogueUpdate process.

The CatalogueDeletion process is shown in figure 6 below:
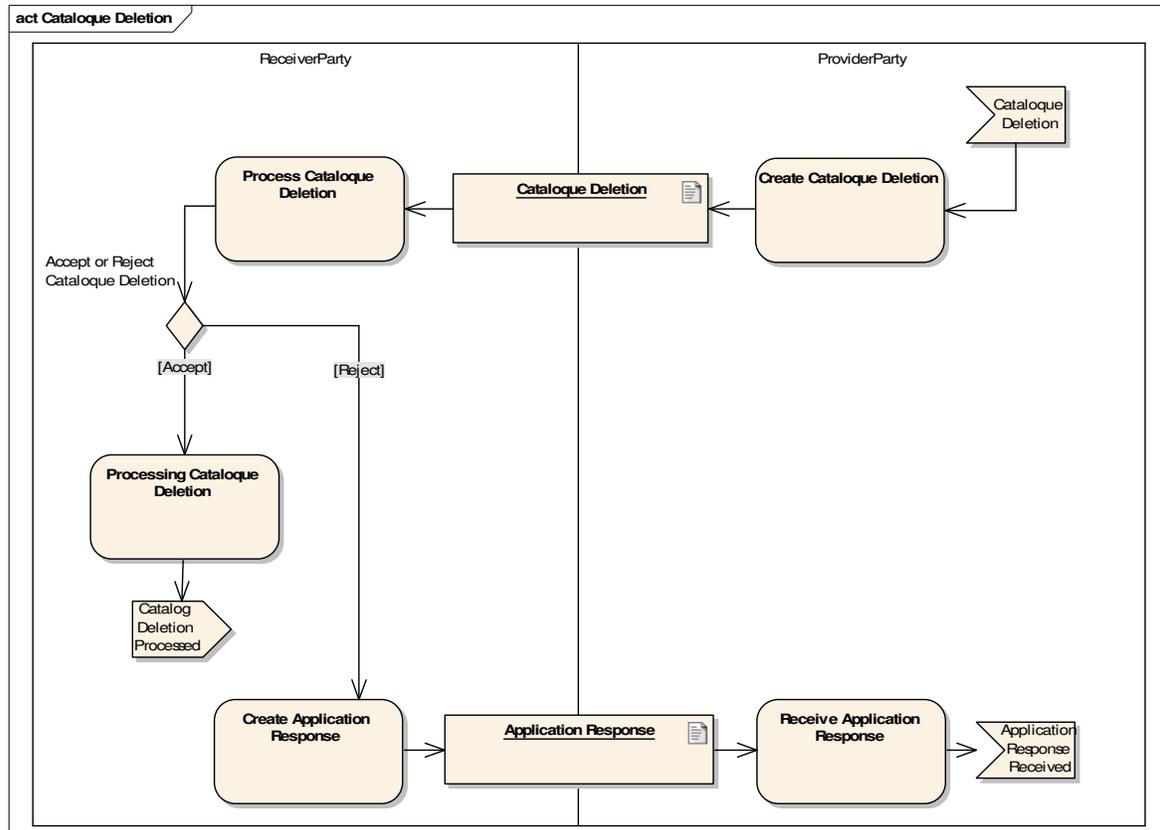
Figure 6, The CatalogueDeletion process.

2.3 Internal processes and eBusiness benefits

The benefits of eBusiness relates directly to the degree of correlation between the external and the internal processes within a given organization. The purpose of this chapter is to highlight and describe the possible benefits that can be achieved by incorporating the electronic document flow into the organization's internal processes.

2.3.1 Customer

2.3.1.1 Receive limited catalogues

One benefit for the customer is that they relatively easy and quickly can get an updated view of the required products from different suppliers. The customer can specify exactly what products he wishes in a catalogue, and thereby reduce the number of products.

2.3.1.2 Search and compare products electronically

The extend of the internal benefits for the customer will vary according to the IT systems used, and the number of manual processes. In some catalogue administrating tools, the catalogue files can be loaded automatically and in others it is a manual process.

After loading the catalogues to a catalogue administration tool, it is easy for the customer to search and compare products from different suppliers, and thereby increasing the possibility of finding the best product at the best price.

2.3.2 Supplier

2.3.2.1 General benefits
The benefits for the supplier lie in the possibility of quickly reaching a lot of prospective customers, and always presenting an updated product description without sending big and expensive paper catalogues.

2.4 Definitions
The following definitions are used within this document:

- **CVR**: When legally identifying a company or a person, only two numbers can be used in Denmark. For companies it is a CVR number (DK12345678) and for persons it is a CPR number (3112658585). It should be noted that the use of CPR numbers requires an encrypted transaction.

- **GLN**: An GLN number is used for the Danish location number specified in the EndPointID element. The EndPointID must be specified for all parties exchanging electronic business documents, and it is recommended using the EndPointID for all parties. A GLN number was previously named 'EAN location number'.

- **Validity Period**: Both provider and receiver of catalogue documents should be aware of validity periods in the documents. Validity periods are used on different levels in the document structure, so that it is possible to specify validity periods for the whole catalogue, for a catalogue line and for a given price. The validity period of a lower structural level should never exceed the validity period of a higher structural level. A valid price in an invalid catalogue makes no sense.

  It is possible to specify several validity periods. This makes it possible to list different prices for a product in a catalogue e.g. according to season. If the validity period is uses for this purpose it is important that the periods do not overlap, so there will be no doubt about the actual price.

2.5 Covered Scenarios
For the OIOUBL Catalogue Exchange a number of different scenarios are defined and described into more detail. A scenario reflects a fixed set of characteristics inside the defined scope. The following scenarios are described in this document:

Chapter	Scenario title	Description
3	Creation of a new mobile phone catalogue requested by a public school	The happy day scenario
4	Update of an existing mobile phone catalogue requested by a public school	The update is rejected
5	Update of item specifications in an existing catalogue requested by a public school	The happy day scenario
6	Annual price update from a paper supplier to a public school	The happy day scenario
7	Medical supply catalogue hosted by a marketplace	The catalogue is partly rejected
8	Deletion of existing paper catalogue send from the supplier	The happy day scenario

3. Creation of a new mobile phone catalogue requested by a public school

3.1 Scenario Summary

This scenario describes a simple catalogue exchange process, where a small public school sends a request for a catalogue to a mobile phone dealer. The person responsible for the schools catalogue has never requested a catalogue from the supplier before.

The person responsible for buying the schools mobile phones has not decided exactly what mobile phones and accessories to buy, and the catalogue manager is not familiar with the product classification. In the catalogue request the catalogue manager therefore describes, what products he would like in the catalogue.

It is up to the supplier to assess, which products fits the catalogue managers description. In the catalogue the seller illustrates, that a mobile phone has an optional Bluetooth headset and a mandatory subscription.

The essence of this scenario is to illustrate which documents to use when creating a new catalogue, and the simple use of these documents.

3.2 Scenario Characteristics

The scenario characteristics for this particularly scenario can be listed as:

- One Catalogue request ➔ one Application response ➔ one Catalogue
- The public school plays the role as the Receiver Party
- A private supplier plays the role as the Provider Party
- All involved parties are capable of exchanging XML document instances using a network provider
- For the Receiver Party the catalogue manager describes in a Catalogue Request what kind of products he is interested in.
- Based on the Receiver Party's description the Provider Party makes an assessment of which products to put in the catalogue
- The Catalogue is send to the Receiver Party

3.3 Scenario Context

The context of this scenario does not include the following:

- The ordering process between Buyer Customer Party and Seller Supplier Party
- The fulfilment process at Seller Supplier Party
- The transportation of goods from Supplier to Customer
- The payment process

3.3.1 Document usage

The following business documents are used within this scenario:

- Catalogue Request

- Catalogue

- Application Response

3.3.2 Customer parties

Receiver Party:

Den Lille Skole

Att. Søren Ibsen

Fredericiavej 10

3000 Helsingør

GLN: 5798000416604

CVR: DK16356709

This is an example of a small public school. The school uses a Message Handler system capable of sending electronic catalogue requests and application responses and receiving application responses and catalogue documents. The Receiver Party is identified using a GLN Location number.

3.3.3 Supplier parties

Provider Party:

Teleeksperten A/S

Salgsafdelingen

Att. Henrik Holm

Televej 9

1171 København K

CVR: DK45656787

This is an example of a private mobile phone supplier. The Provider Party uses a Message Handler system capable of receiving catalogue requests and application responses and sending application responses and catalogue documents. The Provider Party is identified using a unique company identification number (CVR).

3.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of XML document instances of the involved parties. Secondary activities are shown with a dashed borderline.
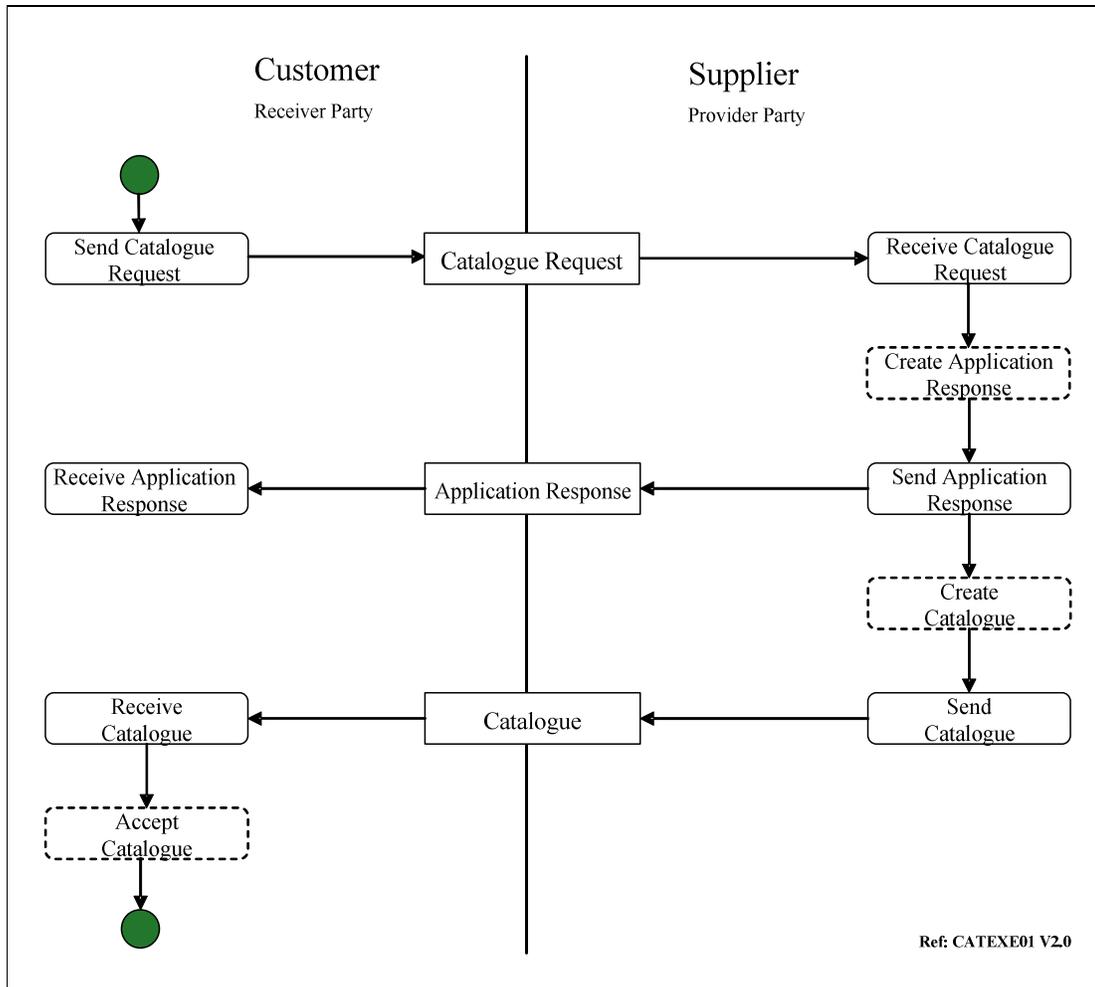
Figure 7

3.5 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagram (figure 7). A primary activity is an activity that is inside the scope of this scenario description and also considered to be external (opposite an internal process).

3.5.1 Request catalogue

The Receiver Party has not earlier requested a catalogue from the mobile phone dealer; he therefore requests a full catalogue.

There are different ways of limiting the catalogue request. The Receiver Party can describe the products, he can request the products in one or more product categories, he can request distinct products by specifying their article number etc. The type of request will typical depend on the Receiver Party's knowledge of the products he requests.

In this example the Receiver Party has only little knowledge of the products he requests, and he therefore describes the products he would like to receive in a catalogue.

The Catalogue Request must contain a number of key Business Information Identities:

- ID for the document version

- Receiver Party's identification of the request

- The date for the request

- ID of Receiver Party's Organization

- ID of Provider Party's Organization

- A definition of which products is requested

The Receiver Party who is the initiating party in this example also specifies a ProfileID. The ProfileID tells the Provider Party that he can receive all catalogue documents.

3.5.2 Receive Catalogue Request

The Provider Party receives the Catalogue Request. Based on the Receiver Party's description the Provider Party makes an assessment of, which products fit the description, and whether he can fulfil the request or not.

3.5.3 Send Application Response

In this example the Provider Party has the products requested by the Receiver Party, and he sends an Application Response, accepting the catalogue delivery.

3.5.4 Receive Application Response

The Receiver Party receives the Application Response indicating that a catalogue will follow.

3.5.5 Send Catalogue

The Provider Party sends the Catalogue containing the products described by the Receiver Party.

The Catalogue contains a full product description including prices.

The Catalogue must contain a number of key Business Information Identities e.g:

- ID of Receiver Party's Organization

- ID of Provider Party's Organization

- Unique identification of the Catalogue

- Unique identifications of the products in the Catalogue

3.5.6 Receive Catalogue

The Receiver Party receives the Catalogue.

3.6 Examples

The XML example instance documents are provided as standalone XML files outside this document.

3.6.1 Example

Søren Ibsen is employed at the public school "Den Lille Skole". He is the schools catalogue manager and is responsible for requesting catalogues from different suppliers, as a basis for future procurement. In this case the school needs to buy a mobile phone for the school janitor, who doesn't have a fixed workplace.

This means that the following steps are performed:

1. Søren Ibsen finds out, from which supplier to request a catalogue.

2. He describes in a Catalogue Request what kind of products he is interested in and sends it to Teleeksperten A/S.

3. At Teleeksperten A/S the Henrik Holm who is responsible for the company's internal catalogue receives the Catalogue Request. He evaluates the description in the request.

4. Henrik Holm sends an Application Response, accepting Søren Ibsens request.

5. Søren Ibsen receives the Application Response and awaits the catalogue.

6. The next day Henrik Holm generates a catalogue from their backend system, containing their mobile phones and accessories. He sends the catalogue to Søren Ibsen.

7. Søren Ibsen receives the catalogue.

8. Søren Ibsen loads the catalogue to his catalogue administration tool, where he can search for and compare the different types of mobile phones prior to the procurement.

In the following tables you will find the business objects that are considered important to this example.

CatalogueRequest:

CATEXE_01_01_00_CatalogueRequest_v2p1.xml

3.6.1.1 CatalogueRequest

Class	Field	Attribute	Value	Note[2]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		12345	
	Name		Mobile phones	
	IssueDate		2006-04-28	
	IssueTime		09:30:00	
	Description		Mobile phones and accessories	
		languageID	en-us	
	PricingUpdateRequestIndicator		false	
	ItemUpdateRequestIndicator		false	
ValidityPeriod				
	StartDate		2006-04-28	
	StartTime		12:00:00	

---

[2]

	EndDate		2006-10-28	
	EndTime		12:00:00	
ReceiverParty				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Den Lille Skole	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fredericiavej	
	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		98765	
	Name		Administrationen	
	Telephone		26532147	
	ElectronicMail		info@dls.dk	
Person				
	FirstName		Søren	
	FamilyName		Ibsen	
	JobTitle		katalogmanager	
	OrganizationDepartment		Administrationen	
ProviderParty				
	EndpointID		DK45656787	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK45656787	
		schemeID	DK:CVR	
PartyName				

	Name		Teleeksperten A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Televej	
	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Teleeksperten A/S	
	CompanyID		DK45656787	
		schemeID	DK:CVR	
Contact				
	ID		9000012345	
	Name		Salgsafdelingen	
	Telephone		40121212	
	ElectronicMail		katalog@tele.dk	
Person				
	FirstName		Henrik	
	FamilyName		Holm	
	JobTitle		katalogmanager	
	OrganizationDepartment		Salgsafdelingen	
ApplicableTerritoryAddress				
	AddressFormatCode		StructuredRegion	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
Country				
	IdentificationCode		DK	

ApplicationResponse:

CATEXE_01_01_00_ApplicationResponse_v2p1.xml

3.6.1.2 ApplicationResponse

Class	Field	Attribute	Value	Note[3]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	

---

[3]

	ProfileID			Catalogue-CatAdv-1.0	
		schemeAgencyID	320		
		schemeID	urn:oioubl:id:profileid-1.1		
	ID			2345	
	IssueDate			2006-04-28	
	IssueTime			12:00:00	
	Note			Accepting the requsest, a Catalogue will follow in two days	
		languageID	en-us		
SenderParty					
	EndpointID			DK45656787	
		schemeID	DK:CVR		
PartyIdentification					
	ID			DK45656787	
		schemeID	DK:CVR		
PartyName					
	Name			Teleeksperten A/S	
		languageID	en-us		
PostalAddress					
	AddressFormatCode			StructuredDK	
		listAgencyID	320		
		listID	urn:oioubl:codelist:addressformatcode-1.1		
	StreetName			Televej	
	BuildingNumber			9	
	CityName			København K	
	PostalZone			1171	
Country					
	IdentificationCode			DK	
ReceiverParty					
	EndpointID			5798000416604	
		schemeAgencyID	9		
		schemeID	GLN		
PartyIdentification					
	ID			5798000416604	
		schemeAgencyID	9		
		schemeID	GLN		
PartyName					
	Name			Den Lille Skole	
		languageID	en-us		
PostalAddress					
	AddressFormatCode			StructuredDK	
		listAgencyID	320		
		listID	urn:oioubl:codelist:addressformatcode-1.1		

	StreetName		Fredericiavej	
	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
DocumentResponse				
Response				
	ReferenceID		1	
	ResponseCode		BusinessAccept	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsecode-1.1	
	Description		The code BusinessAccept means that the document was accepted by the Receiver	
		languageID	en-us	
DocumentReference				
	ID		1234	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2006-04-30	
	DocumentTypeCode		Cataloque	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsedocumenttypecode-1.1	

Catalogue:

CATEXE_01_01_00_Catalogue_v2p1.xml

3.6.1.3 Catalogue

Class	Field	Attribute	Value	Note[4]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		CAT-EX-1	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	Name		Mobile phone	
	IssueDate		2006-04-30	
	IssueTime		12:00:00	

4

	RevisionDate		2006-03-10	
	RevisionTime		09:30:47	
	Note		Teleeksperten A/S will from mach 2006 introduce a new improved and even more comprehensive catalogue.	
	Description		Teleekspertens sells alle the best-known models in mobile phone and accessories.	
	VersionID		1.0	
	PreviousVersionID			
ValidityPeriod				
	StartDate		2006-04-30	
	EndDate		2007-04-30	
ReferencedContract				
	ID		TELE-1	
ContractDocumentReference				
	ID		TELE-1-CON	
Attachment				
ExternalReference				
	URI		http://www.teleeksperten.dk/aftale_TELE-1-CON.pdf	
ProviderParty				
	EndpointID		DK45656787	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK45656787	
		schemeID	DK:CVR	
PartyName				
	Name		Teleeksperten A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Televej	
	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Teleeksperten A/S	
	CompanyID		DK45656787	
		schemeID	DK:CVR	
Contact				
	ID		90000012345	

	Name		Salgsafdelingen	
	Telephone		40121212	
	ElectronicMail		katalog@tele.dk	
Person				
	FirstName		Henrik	
	FamilyName		Holm	
	JobTitle		katalogmanager	
	OrganizationDepartment		Salgsafdelingen	
ReceiverParty				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Den Lille Skole	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fredericiavej	
	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		98765	
	Name		Administrationen	
	Telephone		26532147	
	ElectronicMail		info@dls.dk	
Person				
	FirstName		Søren	
	FamilyName		Ibsen	
	JobTitle		katalogmanager	
	OrganizationDepartment		Administrationen	
ContractorCustomerParty				

Party				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Den Lille Skole	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fredericiavej	
	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
Contact				
	ID		98765	
	Name		Administrationen	
	Telephone		26532147	
	ElectronicMail		info@dls.dk	
Person				
	FirstName		Søren	
	FamilyName		Ibsen	
	JobTitle		katalogmanager	
	OrganizationDepartment		Administrationen	
TradingTerms				
	Information		2 % discount on payment within 10 days	

3.6.1.4 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		NM-457896432	
	ActionCode		Add	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	Note		No delivery before August 2006	
	OrderableIndicator		true	

	OrderableUnit		EA	
	ContentUnitQuantity		1	
		unitCode	EA	
	OrderQuantityIncrementNumeric		1	
	MinimumOrderQuantity		1	
	MaximumOrderQuantity		1000	
	WarrantyInformation		12 months warranty from purchase date	
LineValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
AccessoryRelatedItem				
	ID		BTH-567892356	
	Quantity		1	
		unitCode	EA	
	Description		The Blue Toth headset is an optional priced headset. An ordinary wire based headset is included in the mobile telephone price	
RequiredRelatedItem				
	ID		SUB-678953345	
	Quantity		1	
		unitCode	EA	
	Description		The price for Nokia mobile telephone ABC requires a 12 months subscription of type C	
RequiredItemLocationQuantity				
	LeadTimeMeasure		3	
		unitCode	DAY	
ApplicableTerritoryAddress				
	AddressFormatCode		StructuredDK>	
		listSchemeURI	urn:oioubl:codelist:addressformatcode-1.1	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		760.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
AllowanceCharge				
	ID		1	

	ChargeIndicator		false	
	MultiplierFactorNumeric		0.05	
	Amount		40.00	
		currencyID	DKK	
	BaseAmount		800.00	
		currencyID	DKK	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	EA	
	ConsumerUnitQuantity		1	
		unitCode	EA	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Nokia Mobile telephone - Type ABC	
	PackQuantity		1	
		unitCode	EA	
	PackSizeNumeric		1	
	Name		Nokia ABC	
	Keyword		Mobile Phone	
	Keyword		Phone	
	Keyword		Cell Phone	
	BrandName		Nokia	
	ModelName		ABC	
SellersItemIdentification				
	ID		87067606	
PhysicalAttribute				
	AttributeID		CAM	
	Description		2 megapixel camera (1600 x 1200 pixels) with 20x digital zoom	
MeasurementDimension				
	AttributeID		WT	
		schemeID	UOM	
	Measure		126	
		unitCode	GRM	

	Description		Weight	
ManufacturersItemIdentification				
	ID		N70UK	
CommodityClassification				
	ItemClassificationCode		43191501	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

3.6.1.5 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		NM-457896432	
	ActionCode		Add	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	Note		No delivery before August 2006	
	OrderableIndicator		true	
	OrderableUnit		EA	
	ContentUnitQuantity		1	
		unitCode	EA	
	OrderQuantityIncrementNumeric		1	
	MinimumOrderQuantity		1	
	MaximumOrderQuantity		1000	
	WarrantyInformation		12 months warranty from purchase date	
LineValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
RequiredItemLocationQuantity				
	LeadTimeMeasure		3	
		unitCode	DAY	
ApplicableTerritoryAddress				
	AddressFormatCode		StructuredDK>	
		listSchemeURI	urn:oioubl:codelist:addressformatcode-1.1	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		399.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
ValidityPeriod				

Class	Field	Attribute	Value	Note
	StartDate		2006-08-01	
	EndDate		2007-03-31	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	EA	
	ConsumerUnitQuantity		1	
		unitCode	EA	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Nokia Mobile BlueToth Headset B2 - 750i	
	PackQuantity		1	
		unitCode	EA	
	PackSizeNumeric		1	
	Name		Nokia B2	
	BrandName		Nokia BT	
	ModelName		750i	
SellersItemIdentification				
	ID		87067606	
MeasurementDimension				
	AttributeID		WT	
	Measure		17	
		unitCode	GRM	
ManufacturersItemIdentification				
	ID		B2-750i	
CommodityClassification				
	ItemClassificationCode		43191609	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

3.6.1.6 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		SUB-53478965	

	ActionCode		Add	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		EA	
	ContentUnitQuantity		1	
		unitCode	EA	
LineValidityPeriod				
	StartDate		2006-04-30	
	EndDate		2007-03-31	
RequiredItemLocationQuantity				
ApplicableTerritoryAddress				
	AddressFormatCode		StructuredDK>	
		listSchemeURI	urn:oioubl:codelist:addressformatcode-1.1	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		500	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2006-07-31	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Subscription C - 6 months sold with mobile phone	
	Name		Subscription 6 months	
	BrandName		TeleDanmark	
	ModelName		Subscription C	
SellersItemIdentification				
	ID		SUB-C	

CommodityClassification				
	ItemClassificationCode		87654321	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

The corresponding example instance files are provided as:

- CATEXE_01_01_00_CatalogueRequest_v2p1.xml
- CATEXE_01_01_00_ApplicationResponse_v2p1.xml
- CATEXE_01_01_00_Catalogue_v2p1.xml

4. Update of an existing mobile phone catalogue requested by a public school

4.1 Scenario Summary

In this scenario, the small public school has hired the firm KatalogAdm ApS to manage their catalogues.

The catalogue manager at KatalogAdm ApS, who is now the Receiver Party, sends a Catalogue Request to the schools mobile phone supplier, asking for an update of the schools existing catalogue. When sending the Catalogue Request, the catalogue manager specifies the name and version of the existing catalogue.

Both prices and item descriptions has to be updated, and the update should consist of both existing products and any new products. Expired products should be deleted.

The Catalogue contains mobile phones and accessories. The products are classified in the UNSPSC version 7.0401 categories named 43191501 Mobile phones and 43191609 Phone headsets. The catalogue manager uses the UNSPSC categories to limit his Catalogue Request.

The supplier sends a Catalogue containing the requested categories. The mobile phones in the category all have a mandatory subscription.

The public school already has an agreement with a phone company, and the Receiver Party therefore rejects the catalogue. The customers' catalogue manager should afterwards delete the whole catalogue.

The essence of this scenario is to demonstrate a catalogue update, where existing products can be updated or deleted and new products can be added, all using the same file.

4.2 Scenario Characteristics

The scenario characteristics for this particularly scenario can be listed as:

- One Catalogue request ➔ one Catalogue ➔ one Application response
- The catalogue managing firm KatalogAdm ApS plays the role as the Receiver Party
- The small public school plays the role as the Contractor Customer Party
- A private supplier plays the role as the Provider Party
- All involved parties are capable of exchanging XML document instances using a network provider
- The Receiver Party sends a Catalogue Request asking for an update of two specified UNSPSC categories. The catalogue update should contain items and prices.
- The Provider Party sends a Catalogue file to the Receiver Party, with updates, new products and deletions.
- The Receiver Party receives the catalogue update
- When controlling the catalogue update the Receiver Party learns that all the mobile phones have a six month mandatory subscription, and he therefore sends an Application Response rejecting the catalogue.

4.3 Scenario Context

The context of this scenario does not include the following:

- The ordering process between Buyer Customer Party and Seller Supplier Party
- The fulfilment process at Seller Supplier Party

- The transportation of goods from Supplier to Customer

- The payment process

4.3.1 Document usage

The following business documents are used within this scenario:

- Catalogue Request

- Catalogue

- Application Response

4.3.2 Customer parties

Receiver Party:

> KatalogAdm ApS
>
> Att. Poul Poulsen
>
> Bredgade 2
>
> 3000 Helsingør
>
> CVR: DK98879887

Contractor Customer Party:

> Den Lille Skole
>
> Att. Søren Ibsen
>
> Fredericiavej 10
>
> 3000 Helsingør
>
> GLN: 5798000416604
>
> CVR: DK16356709

This is an example of a small public school that uses a third party catalogue manager. Since the third party is the party exchanging the documents, they become the Receiver Party. The Receiver Party uses a Message Handler system capable of sending electronic catalogue requests and application responses and receiving application responses and catalogue documents. The Receiver Party is identified using a unique company identification number (CVR).

4.3.3 Supplier parties

Provider Party:

> Teleeksperten A/S
>
> Salgsafdelingen
>
> Att. Henrik Holm
>
> Televej 9
>
> 1171 København K
>
> CVR: DK45656787

This is an example of a private mobile phone supplier, who handles his own catalogue, and therefore also is the Provider Party. The Provider Party uses a Message Handler system capable of receiving catalogue requests and application responses and sending application responses and catalogue documents. The Provider Party is identified using a unique company identification number (CVR).

4.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of XML document instances of the involved parties. Secondary activities are shown with a dashed borderline.
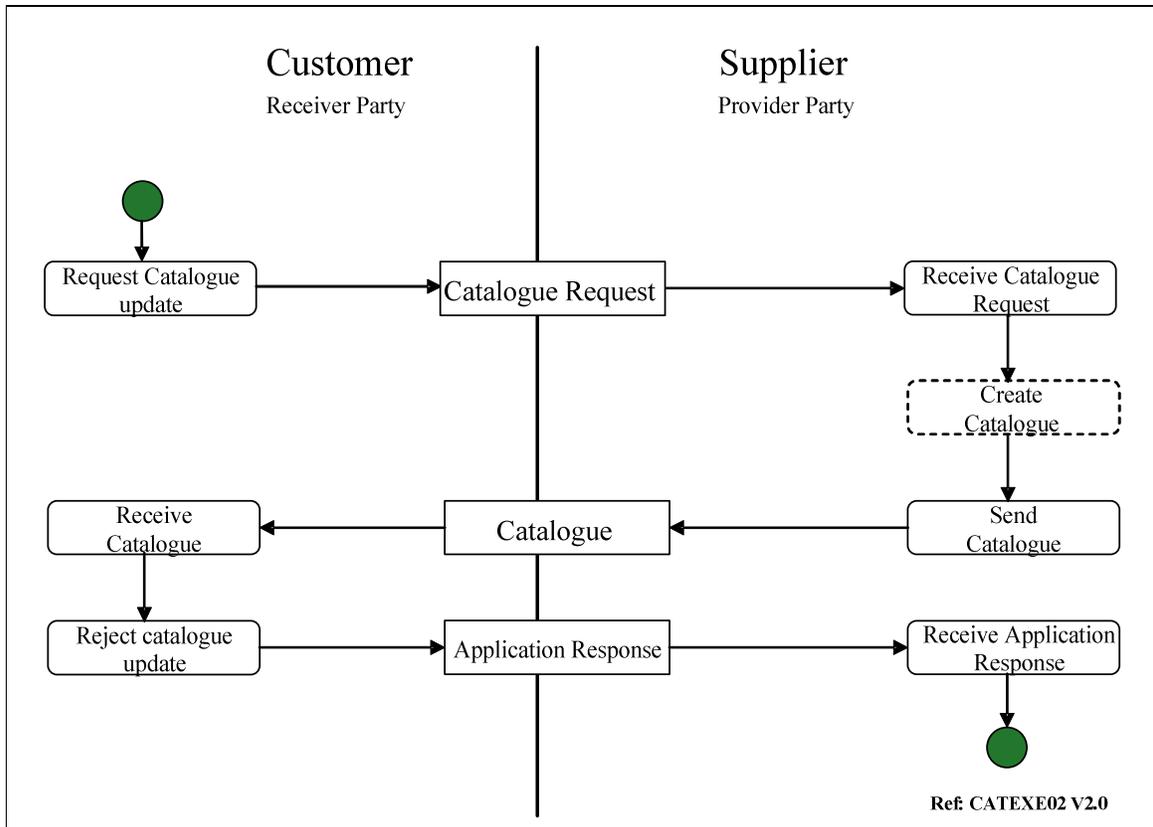
Figure 8

4.5 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagram (figure 8). A primary activity is an activity that is inside the scope of this scenario description and also considered to be external.

4.5.1 Request catalogue update

The Receiver Party already has a catalogue from the mobile phone dealer, but he wants to make sure that he has an updated version with the latest products and prices, before the schools Buyer Customer Party orders more mobile phones.

The Receiver Party knows for which product categories, he wants the update. In the Catalogue Request he therefore limits his request by specifying the categories. Furthermore he notes that he would like the products classified according to UNSPSC version 7.0401.

The Catalogue Request must contain a number of key Business Information Identities:

- Receiver Party's identification of the request
- The date for the request
- Receiver Party's identification of the existing catalogue he wishes to update
- ID for the document version
- ID of Receiver Party's Organization
- ID of Provider Party's Organization
- A definition of which products is requested

The Receiver Party who is the initiating party in this example also specifies a ProfileID. The ProfileID tells the Receiver Party that he can receive all catalogue documents.

4.5.2 Receive Catalogue Request

The Provider Party receives the Catalogue Request.

He generates a catalogue update with the changes made in the requested categories since the latest catalogue, indicating which products to update, add and delete.

4.5.3 Send Catalogue

The Provider Party sends the catalogue update to the Receiver Party.

The Catalogue contains full product descriptions including prices. When specifying the products, it is important uniquely to identify the products to update or delete. This is done in the ID element on the Catalogue line. Since the ID must be globally unique, the suppliers' item identification is not enough and a combination of a supplier ID and an item ID can therefore be used.

The Catalogue must contain a number of key Business Information Identities:

- Identification of the catalogue that must be updated
- A version of the update catalogue
- A date for the catalogue
- Identification of the Provider Party
- Identification of the Receiver Party
- Identification of the items to update or delete.

4.5.4 Receive Catalogue

The Receiver Party receives the Catalogue.

The Receiver Party checks the update and realizes that all the mobile pones in the requested category have a mandatory subscription. He contacts the school and they inform him, that the school already has an agreement on phone subscriptions, and therefore they are not interested in the offered mobile phones.

4.5.5 Send Application Response

The Receiver Party sends an Application Response rejecting the catalogue update.

4.5.6 Receive Application Response

The Provider Party receives the Application Response.

Since the school will not accept the update, they should not purchase further mobile phones from the supplier. The Provider Party can ensure this by sending the Receiver Party a Catalogue Deletion document.

4.6 Examples

The XML example instance documents are provided as standalone XML files outside this document.

4.6.1 Example

Poul Poulsen, the catalogue manager from the firm KatalogAdm, who is hired by Den Lille Skole, is responsible for requesting and maintaining catalogues from different suppliers in the schools internal catalogue. Poul Poulsen and KatalogAdm therefore play the role as ReceiverParty. In this scenario the school has an existing mobile phone catalogue, but before ordering further phones, they want to make sure, that they have the latest products and prices.

This means that the following steps are performed:

1. Poul Poulsen specifies in a Catalogue Request, that he wants an update for an existing catalogue, containing the changes for two particular product categories. He sends the Catalogue Request to Teleeksperten A/S

2. At Teleeksperten A/S Henrik Holm (Provider Party) receives the Catalogue Request. He evaluates the request.

3. Henrik Holm generates a Catalogue from their backend system, containing the updated product categories including changed, new and expired products. He sends the Catalogue to Poul Poulsen

4. Poul Poulsen receives the Catalogue

5. Poul Poulsen controls the products in the catalogue update. He talks to the school and they tell him not to accept the catalogue update, because all the mobile phones come with a mandatory subscription. Poul Poulsen sends an Application Response, rejecting the Catalogue.

6. Henrik Holm receives the Application Response, and the description of, why the catalogue update is rejected

In the following tables you will find the business objects that are considered important to this example.

CatalogueRequest:

CATEXE_02_02_07_CatalogueRequest_v2p1.xml

4.6.1.1 CatalogueRequest

Class	Field	Attribute	Value	Note[5]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	

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		schemeID	urn:oioubl:id:profileid-1.1	
	ID		23456	
	Name		Mobile phones	
	IssueDate		2006-05-28	
	IssueTime		09:30:00	
	PricingUpdateRequestIndicator		true	
	ItemUpdateRequestIndicator		true	
ReceiverParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				
	Name		KatalogAdm ApS	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		2	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		KatalogAdm ApS	
	CompanyID		DK98879887	
		schemeID	DK:CVR	
Contact				
	ID		7913	
	Name		Poul Poulsen	
	Telephone		26435467	
	ElectronicMail		info@katadm.dk	
Person				
	FirstName		Poul	
	FamilyName		Poulsen	
	JobTitle		katalogmanager	
ProviderParty				
	EndpointID		DK45656787	
		schemeID	DK:CVR	
PartyIdentification				

	ID		DK45656787	
		schemeID	DK:CVR	
PartyName				
	Name		Teleeksperten A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Televej	
	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Teleeksperten A/S	
	CompanyID		DK45656787	
		schemeID	DK:CVR	
Contact				
	ID		9000012345	
	Name		Salgsafdelingen	
	Telephone		40121212	
	ElectronicMail		katalog@tele.dk	
Person				
	FirstName		Henrik	
	FamilyName		Holm	
	JobTitle		katalogmanager	
	OrganizationDepartment		Salgsafdelingen	
ContractorCustomerParty				
Party				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Den Lille Skole	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	

		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fredericiavej	
	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
Contact				
	ID		98765	
	Name		Administrationen	
	Telephone		26532147	
	ElectronicMail		info@dls.dk	
Person				
	FirstName		Søren	
	FamilyName		Ibsen	
	Title		Hr	
	JobTitle		katalogmanager	
	OrganizationDepartment		Administrationen	
RequestedCatalogueReference				
	ID		CAT-EX-1	
	Description		Mobile phones and accessories	
		languageID	en-us	
	VersionID		1.0	
RequestedClassificationScheme				
	ID		UNSPSC	
	Name		UNSPSC	
	AgencyName		UNECE	
	VersionID		7.0401	
	LanguageID		en-US	
ClassificationCategory				
	CodeValue		4319150	
	Description		Mobile phones	
		languageID	en-us	
ClassificationCategory				
	CodeValue		43191609	
	Description		Phone headsets	
		languageID	en-us	

Catalogue:

CATEXE_02_02_07_Catalogue_v2p1.xml

4.6.1.2 Catalogue

Class	Field	Attribute	Value	Note[6]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		CAT-EX-1	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	Name		Mobile phone	
	IssueDate		2006-05-30	
	IssueTime		12:00:00	
	RevisionDate		2006-05-01	
	RevisionTime		09:30:47	
	Description		Teleekspertens sells alle the best-known models in mobile phone and accessories.	
	VersionID		1.1	
	PreviousVersionID		1.0	
ValidityPeriod				
	StartDate		2006-05-30	
	EndDate		2007-05-30	
ReferencedContract				
	ID		TELE-1	
ContractDocumentReference				
	ID		TELE-1-CON	
Attachment				
ExternalReference				
	URI		http://www.teleeksperten.dk/aftale_TELE-1-CON.pdf	
ProviderParty				
	EndpointID		DK45656787	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK45656787	
		schemeID	DK:CVR	
PartyName				
	Name		Teleeksperten A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	

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	StreetName		Televej	
	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Teleeksperten A/S	
	CompanyID		DK45656787	
		schemeID	DK:CVR	
Contact				
	ID		90000012345	
	Name		Salgsafdelingen	
	Telephone		40121212	
	ElectronicMail		katalog@tele.dk	
Person				
	FirstName		Henrik	
	FamilyName		Holm	
	Title		Hr	
	JobTitle		katalogmanager	
	OrganizationDepartment		Salgsafdelingen	
ReceiverParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				
	Name		KatalogAdm ApS	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		2	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		KatalogAdm ApS	
	CompanyID		DK98879887	
		schemeID	DK:CVR	

Contact				
	ID		7913	
	Name		Poul Poulsen	
	Telephone		26435467	
	ElectronicMail		info@katadm.dk	
Person				
	FirstName		Poul	
	FamilyName		Poulsen	
	JobTitle		katalogmanager	
ContractorCustomerParty				
Party				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Den Lille Skole	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fredericiavej	
	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
Contact				
	ID		98765	
	Name		Administrationen	
	Telephone		26532147	
	ElectronicMail		info@dls.dk	
Person				
	FirstName		Søren	
	FamilyName		Ibsen	
	JobTitle		katalogmanager	
	OrganizationDepartment		Administrationen	
TradingTerms				
	Information		2 % discount on payment within 10 days	

4.6.1.3 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		NM-457896432	
	ActionCode		Delete	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		EA	
	ContentUnitQuantity		1	
		unitCode	EA	
	OrderQuantityIncrementNumeric		1	
	MinimumOrderQuantity		1	
	MaximumOrderQuantity		1000	
	WarrantyInformation		12 months warranty from purchase date	
LineValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
AccessoryRelatedItem				
	ID		BTH-567892356	
	Quantity		1	
		unitCode	EA	
	Description		The Blue Toth headset is an optional priced headset. An ordinary wire based headset is included in the mobile telephone price	
RequiredRelatedItem				
	ID		SUB-678953345	
	Quantity		1	
		unitCode	EA	
	Description		The price for Nokia mobile telephone ABC requires a 12 months subscription of type C	
RequiredItemLocationQuantity				
	LeadTimeMeasure		3	
		unitCode	DAY	
	TradingRestrictions			
Price				
	PriceAmount		760.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-08-01	

Class	Field	Attribute	Value	Note
	EndDate		2007-03-31	
AllowanceCharge				
	ID		1	
	ChargeIndicator		false	
	MultiplierFactorNumeric		0.05	
	Amount		40.00	
		currencyID	DKK	
	BaseAmount		800.00	
		currencyID	DKK	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	EA	
	ConsumerUnitQuantity		1	
		unitCode	EA	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Nokia Mobile telephone - Type ABC	
	PackQuantity		1	
		unitCode	EA	
	PackSizeNumeric		1	
	Name		Nokia ABC	
SellersItemIdentification				
	ID		87067606	
ManufacturersItemIdentification				
	ID		N70UK	
CommodityClassification				
	ItemClassificationCode		43191501	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

4.6.1.4 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		NM-457896789	

	ActionCode		Add	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		EA	
	ContentUnitQuantity		1	
		unitCode	EA	
	OrderQuantityIncrementNumeric		1	
	MinimumOrderQuantity		1	
	MaximumOrderQuantity		1000	
	WarrantyInformation		12 months warranty from purchase date	
LineValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
AccessoryRelatedItem				
	ID		BTH-567892356	
	Quantity		1	
		unitCode	EA	
	Description		The Blue Toth headset is an optional priced headset. An ordinary wire based headset is included in the mobile telephone price	
RequiredRelatedItem				
	ID		SUB-678953345	
	Quantity		1	
		unitCode	EA	
	Description		The price for Nokia mobile telephone BCD requires a 12 months subscription of type C	
RequiredItemLocationQuantity				
	LeadTimeMeasure		3	
		unitCode	DAY	
	TradingRestrictions			
Price				
	PriceAmount		807.50	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
AllowanceCharge				
	ID		DIS	

	ChargeIndicator		false	
	MultiplierFactorNumeric		0.05	
	Amount		42.50	
		currencyID	DKK	
	BaseAmount		850.00	
		currencyID	DKK	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	EA	
	ConsumerUnitQuantity		1	
		unitCode	EA	
	HazardousRiskIndicator		false	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Nokia Mobile telephone - Type BCD	
	PackQuantity		1	
		unitCode	EA	
	PackSizeNumeric		1	
	Name		Nokia BCD	
	Keyword		Mobile Phone	
	Keyword		Phone	
	Keyword		Cell Phone	
	BrandName		Nokia	
	ModelName		BCD	
SellersItemIdentification				
	ID		87067610	
PhysicalAttribute				
	AttributeID		CAM	
	Description		3.1 megapixel camera with 20x digital zoom	
MeasurementDimension				
	AttributeID		WT	
		schemeID	UOM	
	Measure		132	

Class	Field	Attribute	Value	Note
		unitCode	GRM	
	Description		Weight	
ManufacturersItemIdentification				
	ID		N10UK	
CommodityClassification				
	ItemClassificationCode		43191501	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

4.6.1.5 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		NM-457896432	
	ActionCode		Update	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		EA	
	ContentUnitQuantity		1	
		unitCode	EA	
	WarrantyInformation		12 months warranty from purchase date	
LineValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
RequiredItemLocationQuantity				
	LeadTimeMeasure		3	
		unitCode	DAY	
Price				
	PriceAmount		449.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2007-03-31	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	EA	
	ConsumerUnitQuantity		1	
		unitCode	EA	
ApplicableTaxCategory				

	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Nokia Mobile BlueToth Headset B2 - 750i	
	PackQuantity		1	
		unitCode	EA	
	PackSizeNumeric		1	
	Name		Nokia B2	
	BrandName		Nokia BT	
	ModelName		750i	
SellersItemIdentification				
	ID		87067606	
MeasurementDimension				
	AttributeID		WT	
	Measure		17	
		unitCode	GRM	
ManufacturersItemIdentification				
	ID		B2-750i	
CommodityClassification				
	ItemClassificationCode		43191609	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

4.6.1.6 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		SUB-53478965	
	ActionCode		Update	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		EA	
	ContentUnitQuantity		1	
		unitCode	EA	
LineValidityPeriod				
	StartDate		2006-04-30	

	EndDate		2007-03-31	
RequiredItemLocationQuantity				
Price				
	PriceAmount		500	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-08-01	
	EndDate		2006-07-31	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Subscription C - 6 months sold with mobile phone	
	Name		Subscription 6 months	
	BrandName		TeleDanmark	
	ModelName		Subscription C	
SellersItemIdentification				
	ID		SUB-C	
CommodityClassification				
	ItemClassificationCode		87654321	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

ApplicationResponse:

CATEXE_02_02_07_ApplicationResponse_v2p1.xml

4.6.1.7 ApplicationResponse

Class	Field	Attribute	Value	Note[7]

7

	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		2346	
	IssueDate		2006-06-01	
	IssueTime		10:00:00	
	Note		The catalogue is rejected because of the mandatory subscriptions	
		languageID	en-us	
SenderParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				
	Name		KatalogAdm ApS	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		2	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
ReceiverParty				
	EndpointID		DK45656787	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK45656787	
		schemeID	DK:CVR	
PartyName				
	Name		Teleeksperten A/S	
		languageID	en-us	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Televej	

	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
DocumentResponse				
Response				
	ReferenceID		2	
	ResponseCode		BusinessReject	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsecode-1.1	
	Description		The code BusinessReject means that the document was rejected by the Receiver	
		languageID	en-us	
DocumentReference				
	ID		1234	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2006-04-30	
	DocumentTypeCode		Cataloque	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsedocumenttypecode-1.1	

The corresponding example instance files are provided as:

- CATEXE_02_02_07_CatalogueRequest_v2p1.xml
- CATEXE_02_02_07_ApplicationResponse_v2p1.xml
- CATEXE_02_02_07_Catalogue_v2p1.xml

5. Update of item specifications in an existing catalogue requested by a public school

5.1 Scenario Summary

Poul Poulsen from the firm KatalogAdm ApS is responsible for maintaining the internal catalogue of a small public school "Den lille skole". This extends to both requesting new catalogues and updates to existing catalogues.

Den Lille Skole has a contract with Papirhuset A/S, which supplies the school with copying and printing paper. Papirhuset A/S writes on their webpage, that they have recently updated their internal product catalogue. This means that Papirhuset is now able to describe their products in much more detail than earlier.

Before the schools purchaser (Buyer Costumer Party) orders further from Papirhuset, he would like to see the updated specifications, and he asks KatalogAdm A/S (Receiver Party) to get the updated specifications. The catalogue manager Poul Poulsen from KatalogAdm A/S sends a Catalogue Request to the paper supplier (Provider Party), asking for a Catalogue Item Specification Update for some distinct products. Since the school and Papirhuset have a contract determining the prices for a year, there is no need for a pricing update.

When sending the Catalogue Request, Poul Poulsen specifies the ID and version of the existing catalogue and he makes a reference to their contract.

The supplier sends a Catalogue Item Specification Update containing the item specifications for the requested products.

The Receiver Party updates the item specifications in his existing catalogue.

The essence of this scenario is to demonstrate a catalogue update, where existing items can be updated, using an update file. The Catalogue Item Specification Update file is simpler than the Catalogue file, and can not be used for price updates.

5.2 Scenario Characteristics

The scenario characteristics for this particularly scenario can be listed as:

- One Catalogue Request ➔ one Catalogue Item Specification Update
- The public school plays the role as the Contractor Customer Party
- The catalogue managing firm KatalogAdm ApS plays the role as the Receiver Party
- A private supplier plays the role as the Provider Party
- All involved parties are capable of exchanging XML document instances using a network provider
- The Receiver Party sends a Catalogue Request asking for an item update of two specified products.
- The Provider Party sends a Catalogue Item Specification Update file to the Receiver Party, with item updates on the requested products.
- The Receiver Party receives the catalogue item update

5.3 Scenario Context

The context of this scenario does not include the following:

- The ordering process between Buyer Customer Party and Seller Supplier Party

- The fulfilment process at Seller Supplier Party

- The transportation of goods from Supplier to Customer

- The payment process

5.3.1 Document usage

The following business documents are used within this scenario:

- Catalogue Request

- Catalogue Item Specification Update

5.3.2 Customer parties

Receiver Party:

> KatalogAdm ApS
>
> Att. Poul Poulsen
>
> Bredgade 2
>
> 3000 Helsingør
>
> CVR: DK98879887

Contractor Customer Party:

> Den Lille Skole
>
> Att. Søren Ibsen
>
> Fredericiavej 10
>
> 3000 Helsingør
>
> GLN: 5798000416604
>
> CVR: DK16356709

This is an example of a small public school that uses a third party catalogue manager (Receiver Party). The Receiver Party uses a Message Handler system capable of sending electronic Catalogue Requests and Application Responses and receiving Application Responses and Catalogue documents. The Receiver Party is identified using a unique company identification number (CVR).

5.3.3 Supplier parties

Provider Party:

> Papirhuset A/S
>
> Salgsafdelingen
>
> Att. Lene Olsen
>
> Papirstræde 9
>
> 1171 København K
>
> CVR: DK87493746

This is an example of a private paper supplier maintaining their own catalogue (Provider Party). The Provider Party uses a Message Handler system capable of receiving Catalogue Requests and Application

Responses and sending Application Responses and Catalogue documents. The Provider Party is identified using a unique company identification number (CVR).

5.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of XML document instances of the involved parties. Secondary activities are shown with a dashed borderline.
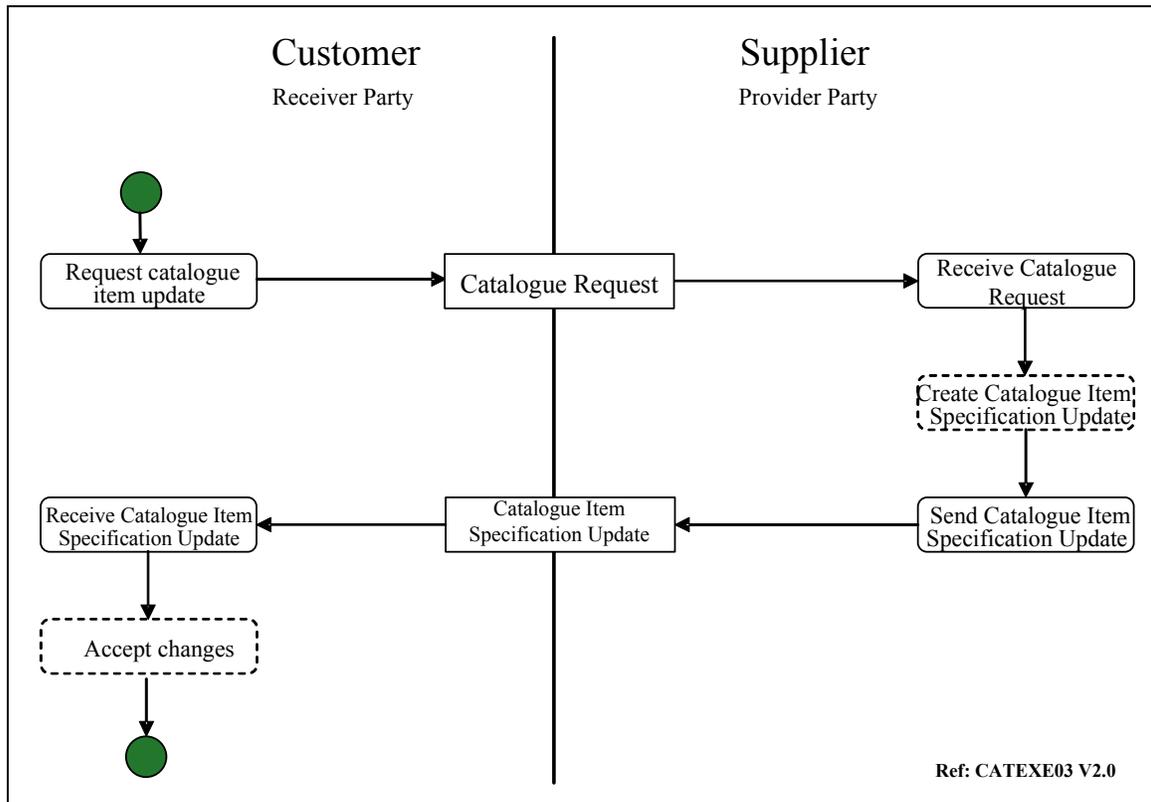
Figure 9

5.5 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagram (figure 9). A primary activity is an activity that is inside the scope of this scenario description and also considered to be external (opposite an internal process).

5.5.1 Request catalogue update

The Receiver Party already has a catalogue from the paper dealer, but he learns that the supplier has updated their own catalogue, and further specified their product descriptions, so he wants the updated version.

The Receiver Party specifies exactly for witch products he request the update. Furthermore he notes that he would like the products classified according to UNSPSC version 7.0401.

The Catalogue Request must contain a number of key Business Information Identities:

- Receiver Party's identification of the request

- • ID for the document version

- • The date for the request

- • Receiver Party's identification of the existing catalogue he wishes to update

- • ID of Receiver Party's Organization

- • ID of Provider Party's Organization

- • A definition of which products is requested

The Receiver Party who is the initiating party in this example also specifies a ProfileID. The ProfileID tells the Receiver Party that he can receive all catalogue documents.

5.5.2 Receive Catalogue Request

The Provider Party receives the Catalogue request.

He generates a Catalogue with the updated products, requested by the Receiver Party.

5.5.3 Send Catalogue Item Specification Update

The Provider Party sends the Catalogue Item specification Update to the Receiver Party.

The catalogue contains the updated items. When specifying the products, it is important uniquely to identify the products to update. This is done in the ID element on the Catalogue line. Since the ID must be globally unique, the suppliers' item identification is not enough and a combination of a supplier ID and an item ID can therefore be used.

The Catalogue Item Specification Update must contain a number of key Business Information Identities:

- • Identification of the Catalogue Item Specification Update

- • A version of the Catalogue Item Specification Update

- • A date for the Catalogue Item Specification Update

- • Identification of the catalogue that must be updated

- • Identification of the Provider Party

- • Identification of the Receiver Party

- • Identification of the items to update

5.5.4 Receive Catalogue Item Specification Update

The Receiver Party receives the catalogue update.

He checks the document, and loads them into the schools catalogue administration tool, in doing so overwriting the existing product descriptions.

5.6 Examples

The XML example instance documents are provided as standalone XML files outside this document.

5.6.1 Example

Poul Poulsen, who manages the catalogue on behalf of Den Lille Skole, is responsible for maintaining catalogues from the schools suppliers. In this scenario he requests an update from the schools paper supplier, when he learns that they have updated their product descriptions.

This means that the following steps are performed:

1. Poul Poulsen specifies in a Catalogue Request, that he wants an update for two specific products. He sends the Catalogue Request to Papirhuset A/S

2. At Papirhuset A/S the catalogue manager Lene Olsen receives the Catalogue Request. She evaluates the request.

3. Lene Olsen generates a Catalogue Item Specification Update from their backend system, containing the updated products. She sends the document to Poul Poulsen

4. Poul Poulsen receives the Catalogue Item Specification Update

5. Poul Poulsen controls the products in the Catalogue Item Specification Update, and loads the products to the schools catalogue.

In the following tables you will find the business objects that are considered important to this example.

CatalogueRequest:

CATEXE_03_03_00_CatalogueRequest_v2p1.xml

5.6.1.1 CatalogueRequest

Class	Field	Attribute	Value	Note[8]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		PAP-1	
	Name		Paper	
	IssueDate		2006-04-30	
	IssueTime		09:30:00	
	PricingUpdateRequestIndicator		false	
	ItemUpdateRequestIndicator		true	
ReceiverParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				
	Name		KatalogAdm ApS	
PostalAddress				

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	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		2	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		KatalogAdm ApS	
	CompanyID		DK98879887	
		schemeID	DK:CVR	
Contact				
	ID		7913	
	Name		Poul Poulsen	
	Telephone		26435467	
	ElectronicMail		info@katadm.dk	
Person				
	FirstName		Poul	
	FamilyName		Poulsen	
	JobTitle		katalogmanager	
ProviderParty				
	EndpointID		DK87493746	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK87493746	
		schemeID	DK:CVR	
PartyName				
	Name		Papirhuset A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Papirstræde	
	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Papirhuset A/S	

	CompanyID		DK87493746	
		schemeID	DK:CVR	
Contact				
	ID		9000009876	
	Name		Salgsafdelingen	
	Telephone		26908978	
	ElectronicMail		katalog@papirhuset.dk	
Person				
	FirstName		Lene	
	FamilyName		Olsen	
	JobTitle		katalogmanager	
	OrganizationDepartment		Salgsafdelingen	
ContractorCustomerParty				
Party				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Den Lille Skole	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fredericiavej	
	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
Contact				
	ID		98765	
	Name		Administrationen	
	Telephone		26532147	
	ElectronicMail		info@dls.dk	
Person				
	FirstName		Søren	
	FamilyName		Ibsen	
	Title		Hr	

	JobTitle		katalogmanager	
	OrganizationDepartment		Administrationen	
RequestedCatalogueReference				
	ID		CAT-EX-2	
	Description		Printing and copying paper	
		languageID	en-us	
	VersionID		1.2	
ReferencedContract				
	ID		PAPER-1	
	IssueDate		2006-05-01	
ValidityPeriod				
	StartDate		2006-01-01	
	EndDate		2006-12-31	
	Description		The contract period is one year	
ContractDocumentReference				
	ID		PAPER-1-CON	
	CopyIndicator		true	
Attachment				
ExternalReference				
	URI		http://www.papirhuset.dk/aftale_PAPIR-1-CON.pdf	
RequestedClassificationScheme				
	ID		UNSPSC	
	Name		UNSPSC	
	AgencyName		UNECE	
	VersionID		7.0401	
	LanguageID		en-US	
ClassificationCategory				
	CodeValue		14111507	
	Description		Printer or copier paper	
		languageID	en-us	

5.6.1.2 CatalogueRequestLine

Class	Field	Attribute	Value	Note
	ID		1	
Item				
SellersItemIdentification				
	ID		121643	

5.6.1.3 CatalogueRequestLine

Class	Field	Attribute	Value	Note
	ID		2	
Item				

SellersItemIdentification				
	ID		121645	

CatalogueItemSpecificationUpdate:

CATEXE_03_03_00_CatalogueItemSpecificationUpdate_v2p1.xml

5.6.1.4 *CatalogueItemSpecificationUpdate*

Class	Field	Attribute	Value	Note[9]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		CAT-EX-2_ITEMUPDATE	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	Name		Paper	
	IssueDate		2006-05-01	
	IssueTime		12:00:00	
	RevisionDate		2006-04-01	
	RevisionTime		09:30:00	
	Note		Papirhuset A/S has recently updated the specifications on most product descriptions	
	Description		Catalogue update for paper products	
	VersionID		1.3	
RelatedCatalogueReference				
	ID		CAT-EX-2	
	UUID		9756b4d0-8815-1029-857a-e388fe63f398	
ReferencedContract				
	ID		PAPER-1	
ContractDocumentReference				
	ID		PAPER-1-CON	
Attachment				
ExternalReference				
	URI		http://www.papirhuset.dk/aftale_PAPIR-1-CON.pdf	
ProviderParty				
	EndpointID		DK87493746	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK87493746	

---

[9]

		schemeID	DK:CVR	
PartyName				
	Name		Papirhuset A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Papirstræde	
	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Papirhuset A/S	
	CompanyID		DK87493746	
		schemeID	DK:CVR	
Contact				
	ID		9000009876	
	Name		Salgsafdelingen	
	Telephone		26908978	
	ElectronicMail		katalog@papirhuset.dk	
Person				
	FirstName		Lene	
	FamilyName		Olsen	
	JobTitle		katalogmanager	
	OrganizationDepartment		Salgsafdelingen	
ReceiverParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				
	Name		KatalogAdm ApS	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		2	
	CityName		Helsingør	
	PostalZone		3000	

Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		KatalogAdm ApS	
	CompanyID		DK98879887	
		schemeID	DK:CVR	
Contact				
	ID		7913	
	Name		Poul Poulsen	
	Telephone		26435467	
	ElectronicMail		info@katadm.dk	
Person				
	FirstName		Poul	
	FamilyName		Poulsen	
	JobTitle		katalogmanager	

5.6.1.5 CatalogueItemSpecificationUpdateLine

Class	Field	Attribute	Value	Note
	ID		87493746-121643	
Item				
	Description		A4 Paper, White	
	PackQuantity		1	
		unitCode	CS	
	PackSizeNumeric		5	
	Name		A4 Paper	
	Keyword		Copying paper	
	Keyword		Printing paper	
	BrandName		Papirhuset	
SellersItemIdentification				
	ID		121643	
CommodityClassification				
	ItemClassificationCode		14111507	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	
AdditionalItemProperty				
	Name		Colour	
	Value		White	
AdditionalItemProperty				
	Name		Environment code	
	Value		Svanemærket	
AdditionalItemProperty				

	Name		Weight	
	Value		80 Grm per m2	

5.6.1.6 CatalogueItemSpecificationUpdateLine

Class	Field	Attribute	Value	Note
	ID		87493746-121645	
Item				
	Description		A3 Paper, White	
	PackQuantity		1	
		unitCode	CS	
	PackSizeNumeric		5	
	Name		A3 Paper	
	Keyword		Copying paper	
	Keyword		Printing paper	
	BrandName		Papirhuset	
SellersItemIdentification				
	ID		121645	
CommodityClassification				
	ItemClassificationCode		14111507	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	
AdditionalItemProperty				
	Name		Colour	
	Value		White	
AdditionalItemProperty				
	Name		Environment code	
	Value		Svanemærket	
AdditionalItemProperty				
	Name		Weight	
	Value		80 Grm per m2	

The corresponding example instance files are provided as:

- CATEXE_03_03_00_CatalogueRequest_v2p1.xml
- CATEXE_03_03_00_CatalogueItemSpecificationUpdate_v2p1.xml

6. Annual price update from a paper supplier to a public school

6.1 Scenario Summary

The small public school "Den Lille Skole" has a contract with Papirhuset A/S. Papirhuset A/S supplies the school with copying and printing paper. In the contract it is specified, that the prices can be regulated once a year, and that the price rise is maximum 5% annual.

Lene Olsen is the schools contact person at the supplier (Provider Party). She generates a Catalogue Pricing Update document containing the products specified in the contract and the updated prices.

Lene Olsen sends the Catalogue Pricing Update to Poul Poulsen from the firm KatalogAdm ApS, who is responsible for maintaining the schools internal catalogue (Receiver Party). In the price update Lene Olsen makes a reference to the contract between "Den Lille Skole" and Papirhuset A/S.

Poul Poulsen receives the price update. When loading the catalogue, the administrative tool checks that the new price has not increase more than 5%. The price is within the accepted limit and Poul Poulsen sends an Application Response accepting the Catalogue Pricing Update.

The price on the paper is dependent of, how much paper the school buys. If they buy less than 120 packages at a time they pay one price, and if they buy more than 120 packages (one pallet) it is less expensive.

The essence of this scenario is to demonstrate a pricing update, and the more complex pricing elements. The Catalogue Pricing Update file is simpler than the Catalogue file, and does not contain the item element.

6.2 Scenario Characteristics

The scenario characteristics for this particularly scenario can be listed as:

- One Catalogue Pricing Update ➔ one Application Response
- The public school plays the role as the Contractor Customer Party
- The catalogue managing firm KatalogAdm ApS plays the role as the Receiver Party
- A private paper supplier plays the role as the Provider Party
- All involved parties are capable of exchanging XML document instances using a network provider
- The Provider Party sends a Catalogue Pricing Update file to the Receiver Party, with a yearly pricing update as specified in the contract between the customer and the seller.
- The Receiver Party receives the Catalogue Pricing Update
- The Receiver Party loads the updates to the schools catalogue and controls the prices.
- The prices are accepted, and he sends an Application Response to the Provider Party accepting the update.

6.3 Scenario Context

The context of this scenario does not include the following:

- The ordering process between Buyer Customer Party and Seller Supplier Party
- The fulfilment process at Seller Supplier Party

- The transportation of goods from Supplier to Customer

- The payment process

6.3.1 Document usage

The following business documents are used within this scenario:

- Catalogue Pricing Update

- Application Response

6.3.2 Customer parties

Receiver Party:

> KatalogAdm ApS
>
> Att. Poul Poulsen
>
> Bredgade 2
>
> 3000 Helsingør
>
> CVR: DK98879887

Contractor Customer Party:

> Den Lille Skole
>
> Att. Søren Ibsen
>
> Fredericiavej 10
>
> 3000 Helsingør
>
> GLN: 5798000416604
>
> CVR: DK16356709

This is an example of a small public school that uses a third party catalogue manager (Receiver Party). The Receiver Party uses a Message Handler system capable of sending electronic Catalogue Requests and Application Responses and receiving Application Responses and Catalogue documents. The Receiver Party is identified using a unique company identification number (CVR).

6.3.3 Supplier parties

Provider Party:

> Papirhuset A/S
>
> Salgsafdelingen
>
> Att. Lene Olsen
>
> Papirstræde 9
>
> 1171 København K
>
> CVR: DK87493746

This is an example of a private paper supplier (Provider Party). The Provider Party uses a Message Handler system capable of receiving Catalogue Requests and Application Responses and sending

Application Responses and Catalogue documents. The Provider Party is identified using a unique company identification number (CVR).

6.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of XML document instances of the involved parties. Secondary activities are shown with a dashed borderline.
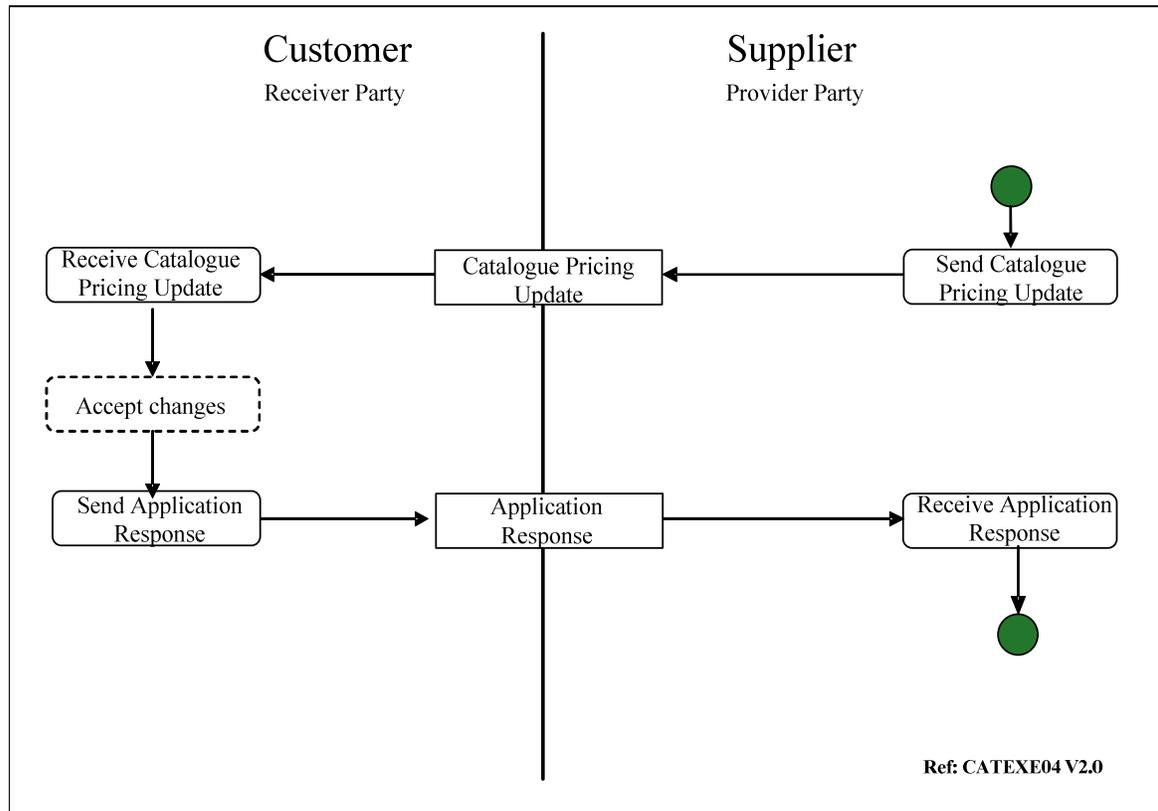
Figure 10

6.5 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagram (figure 10). A primary activity is an activity that is inside the scope of this scenario description and also considered to be external (opposite an internal process).

6.5.1 Send Catalogue Pricing Update

The Receiver Party already has a catalogue from the paper dealer, and according to the contract between the school and the supplier, the Provider Party can make an annual price update to the products in the catalogue.

The Provider Party sends a Catalogue Pricing Update document, since there have been no updates to the item description for the products. When specifying the products, it is important uniquely to identify the products to update. This is done in the ID element on the catalogue pricing update line. Since the ID must be globally unique, the suppliers' item identification is not enough and a combination of a supplier ID and an item ID can therefore be used.

The Catalogue Pricing Update must contain a number of key Business Information Identities:

- Identification of the Catalogue Pricing Update
- A version of the Catalogue Pricing Update
- A date for the Catalogue Pricing Update
- Identification of the catalogue that must be updated
- Identification of the Provider Party
- Identification of the Receiver Party
- Identification of the items to update

6.5.2 Receive Catalogue Pricing Update

The Receiver party receives the Catalogue Pricing Update.

When loading the catalogue update, the catalogue administration tool checks the updated prices to see that they are acceptable according to the contract.

6.5.3 Send Application Response

The Receiver Party sends an Application Response to the Provider Party, accepting the pricing update.

6.5.4 Receive Application Response

The Provider Party receives the Application Response.

6.6 Examples

The XML example instance documents are provided as standalone XML files outside this document.

6.6.1 Example

In this scenario Papirhuset A/S sends an annual pricing update to Den Lille Skole's catalogue, according to their contract.

This means that the following steps are performed:

1. At Papirhuset A/S Lene Olsen generates a Catalogue Pricing Update containing the products they have in the schools catalogue.
2. Lene Olsen sends the update to Poul Poulsen from the company KatalogAdm A/S who is managing the catalogue on behalf of Den Lille Skole.
3. Poul Poulsen receives the price update. He loads the products to the schools catalogue, and checks that the price increase is acceptable.
4. Poul Poulsen sends an Application Response to Lene Olsen, accepting the price update.

In the following tables you will find the business objects that are considered important to this example.

The example illustrates how to specify different price and quantity relations by using two RequiredItemLocationQuantity elements.

CataloguePricingUpdate:

CATEXE_04_04_00_CataloguePricingUpdate_v2p1.xml

6.6.1.1 *CataloguePricingUpdate*

Class	Field	Attribute	Value	Note[10]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		CAT-EX-2_PRICEUPDATE	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	Name		Paper	
	IssueDate		2006-05-15	
	IssueTime		12:00:00	
	RevisionDate		2006-05-15	
	RevisionTime		09:30:00	
	Note		The price update is valid from june 1.	
	Description		Annual price update according to contract	
	VersionID		1.4	
ValidityPeriod				
	StartDate		2006-06-01	
	EndDate		2007-05-30	
	Description		The Catalogue prices are valid for a year	
RelatedCatalogueReference				
	ID		CAT-EX-2	
	UUID		9756b4d0-8815-1029-857a-e388fe63f398	
ReferencedContract				
	ID		PAPER-1	
ContractDocumentReference				
	ID		PAPER-1-CON	
Attachment				
ExternalReference				
	URI		http://www.papirhuset.dk/aftale_PAPIR-1-CON.pdf	
ProviderParty				
	EndpointID		DK87493746	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK87493746	
		schemeID	DK:CVR	
PartyName				

	Name		Papirhuset A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Papirstræde	
	BuildingNumber		9	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Papirhuset A/S	
	CompanyID		DK87493746	
		schemeID	DK:CVR	
Contact				
	ID		9000009876	
	Name		Salgsafdelingen	
	Telephone		26908978	
	ElectronicMail		katalog@papirhuset.dk	
Person				
	FirstName		Lene	
	FamilyName		Olsen	
	JobTitle		katalogmanager	
	OrganizationDepartment		Salgsafdelingen	
ReceiverParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				
	Name		KatalogAdm ApS	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		2	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	

PartyLegalEntity				
	RegistrationName		KatalogAdm ApS	
	CompanyID		DK98879887	
		schemeID	DK:CVR	
Contact				
	ID		7913	
	Name		Poul Poulsen	
	Telephone		26435467	
	ElectronicMail		info@katadm.dk	
Person				
	FirstName		Poul	
	FamilyName		Poulsen	
	JobTitle		katalogmanager	

6.6.1.2 CataloguePricingUpdateLine

Class	Field	Attribute	Value	Note
	ID		87493746-121643	
RequiredItemLocationQuantity				
	LeadTimeMeasure		2	
		unitCode	DAY	
	MinimumQuantity		1	
		unitCode	CS	
	MaximumQuantity		120	
		unitCode	CS	
Price				
	PriceAmount		47.50	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	CS	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-06-01	
	EndDate		2007-05-30	
AllowanceCharge				
	ID		1	
	ChargeIndicator		false	
	MultiplierFactorNumeric		0.05	
	Amount		2.50	
		currencyID	DKK	
	BaseAmount		50	
		currencyID	DKK	
DeliveryUnit				

	BatchQuantity		1	
		unitCode	CS	
	ConsumerUnitQuantity		5	
		unitCode	PK	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	PF	
	ConsumerUnitQuantity		120	
		unitCode	CS	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
RequiredItemLocationQuantity				
	LeadTimeMeasure		3	
		unitCode	DAY	
	MinimumQuantity		120	
		unitCode	CS	
	MaximumQuantity		240	
		unitCode	CS	
Price				
	PriceAmount		45	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	CS	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-06-01	
	EndDate		2007-05-30	
AllowanceCharge				
	ID		2	
	ChargeIndicator		false	
	MultiplierFactorNumeric		0.10	
	Amount		5.00	
		currencyID	DKK	
	BaseAmount		50	
		currencyID	DKK	

Class	Field	Attribute	Value	Note
DeliveryUnit				
	BatchQuantity		1	
		unitCode	CS	
	ConsumerUnitQuantity		5	
		unitCode	PK	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	

6.6.1.3 CataloguePricingUpdateLine

Class	Field	Attribute	Value	Note
	ID		87493746-121645	
RequiredItemLocationQuantity				
	LeadTimeMeasure		2	
		unitCode	DAY	
	MinimumQuantity		1	
		unitCode	CS	
	MaximumQuantity		60	
		unitCode	CS	
Price				
	PriceAmount		71.25	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	CS	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-06-01	
	EndDate		2007-05-30	
AllowanceCharge				
	ID		3	
	ChargeIndicator		false	
	MultiplierFactorNumeric		0.05	
	Amount		3.75	
		currencyID	DKK	
	BaseAmount		75	
		currencyID	DKK	

DeliveryUnit				
	BatchQuantity		1	
		unitCode	CS	
	ConsumerUnitQuantity		5	
		unitCode	PK	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	PF	
	ConsumerUnitQuantity		60	
		unitCode	CS	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
RequiredItemLocationQuantity				
	LeadTimeMeasure		3	
		unitCode	DAY	
	MinimumQuantity		61	
		unitCode	CS	
	MaximumQuantity		120	
		unitCode	CS	
Price				
	PriceAmount		67.50	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	CS	
	OrderableUnitFactorRate		1	
ValidityPeriod				
	StartDate		2006-06-01	
	EndDate		2007-05-30	
AllowanceCharge				
	ID		4	
	ChargeIndicator		false	
	MultiplierFactorNumeric		0.10	
	Amount		7.50	
		currencyID	DKK	
	BaseAmount		75	

Class	Field	Attribute	Value	
		currencyID	DKK	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	CS	
	ConsumerUnitQuantity		5	
		unitCode	PK	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	

ApplicationResponse:

CATEXE_04_04_00_ApplicationResponse_v2p1.xml

6.6.1.4 *ApplicationResponse*

Class	Field	Attribute	Value	Note[11]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		45	
	IssueDate		2006-06-01	
	IssueTime		10:00:00	
	Note		Accepting the annual price update	
		languageID	en-us	
SenderParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				

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	Name			KatalogAdm ApS	
PostalAddress					
	AddressFormatCode			StructuredDK	
		listAgencyID		320	
		listID		urn:oioubl:codelist:addressformatcode-1.1	
	StreetName			Bredgade	
	BuildingNumber			2	
	CityName			Helsingør	
	PostalZone			3000	
Country					
	IdentificationCode			DK	
ReceiverParty					
	EndpointID			DK87493746	
		schemeID		DK:CVR	
PartyIdentification					
	ID			DK87493746	
		schemeID		DK:CVR	
PartyName					
	Name			Papirhuset A/S	
PostalAddress					
	AddressFormatCode			StructuredDK	
		listAgencyID		320	
		listID		urn:oioubl:codelist:addressformatcode-1.1	
	StreetName			Papirstræde	
	BuildingNumber			9	
	CityName			København K	
	PostalZone			1171	
Country					
	IdentificationCode			DK	
DocumentResponse					
Response					
	ReferenceID			3	
	ResponseCode			BusinessAccept	
		listAgencyID		320	
		listID		urn:oioubl:codelist:responsecode-1.1	
	Description			The code BusinessAccept means that the document was accepted by the Receiver	
		languageID		en-us	
DocumentReference					
	ID			1234	
	CopyIndicator			false	
	UUID			9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate			2006-04-30	

	DocumentTypeCode		Cataloque	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsedocumenttypecode-1.1	

The corresponding example instance files are provided as:

- CATEXE_04_04_00_CataloguePricingUpdate_v2p1.xml
- CATEXE_04_04_00_ApplicationResponse_v2p1.xml

7. Medical supply catalogue hosted by a marketplace

7.1 Scenario Summary

The marketplace HospitalSupplies hosts and maintains a catalogue containing supplies for hospitals.

The primary purpose of the marketplace is to give the hospital equipment suppliers one single place to maintain their product classification and product description, and one single place, where the buyers of hospital equipment can get the product updates.

The marketplace holds no prices, since the customers all makes their own contracts with the suppliers where the agreed prices are specified.

Suppliers of hospital equipment deliver catalogues with their product descriptions to the marketplace. The supplier can continuously update his product descriptions on the marketplace whenever there has been a change to his own catalogue. The marketplace catalogue automatically checks the incoming catalogues, and generates an Application Response if the catalogue contains errors.

At any given time the customer, in this scenario a hospital, can send Catalogue Request to the marketplace asking for a catalogue update to specific products or product categories.

This scenario describes two processes. One process where the hospital equipment supplier is the Provider Party sending a Catalogue to the marketplace (plays in this case the role of the Receiver Party), and another process, where the hospital is the Receiver Party sending a Catalogue Request to the marketplace (who is now the Provider Party), asking for a catalogue update for their internal catalogue.

7.2 Scenario Characteristics

The scenario characteristics for this particularly scenario can be listed as:

- Between the supplier and the marketplace there is one Catalogue ➔ one Application Response

- Between the customer and the marketplace there is one Catalogue Request ➔ one Catalogue

- The marketplace plays the role of Receiver Party when receiving the catalogues from the suppliers and the role of Provider Party when sending a catalogue to the hospital.

- A hospital plays the role as the Receiver Party

- A private medical equipment supplier plays the role as the Provider Party

- All involved parties are capable of exchanging XML document instances using a network provider

- The prices of the items have been agreed in a contract based on a tender between the individual hospitals and the suppliers. This process is not described in this scenario.

- The supplier (Provider Party) sends his Catalogue to the marketplace.

- The marketplace (Receiver Party) generates an Application Response rejecting the Catalogue or a line in the Catalogue if there is an error. If the Catalogue is accepted no Application Response is generated.

- The customer (Receiver Party) sends a Catalogue Request to the marketplace (Provider Party) requesting an update.

7.3 Scenario Context

The context of this scenario does not include the following:

- The contract agreements between Customer and Supplier

- The ordering process between Buyer Customer Party and Seller Supplier Party

- The fulfilment process at Seller Supplier Party

- The transportation of goods from Supplier to Customer

- The payment process

7.3.1 Document usage

The following business documents are used within this scenario:

- Catalogue

- Application Response

- Catalogue Request

7.3.2 Customer parties

Receiver Party:

> HospitalSupplies
>
> Att. Signe Skov
>
> Vestergade 45
>
> 1171 København K
>
> CVR: DK85285285

Receiver Party:

> Aalborg Sygehus
>
> Att. Anders Gren
>
> Hobrovej 18
>
> 9100 Aalborg
>
> GLN: 5799879879870
>
> CVR: DK98798798

This is an example of a marketplace playing the role as the Receiver Party in relation to the suppliers, and a hospital playing the role of the Receiver Party in relation to the marketplace. Both Receiver parties use a Message Handler system capable of sending electronic Catalogue Requests and Application Responses and receiving Application Responses and Catalogue documents. Both Receiver parties are identified using a unique CVR number and the hospital also has a GLN location number.

7.3.3 Supplier party

Provider Party:

> HospitalSupplies
>
> Att. Signe Skov
>
> Vestergade 45
>
> 1171 København K

CVR: DK85285285

Provider Party:

Kanyler A/S

Att. Bo Pind

Nordvej 3

1171 København K

CVR: DK12312312

This is an example of a private supplier of medical equipment. The supplier is the Provider Party in relation to the marketplace, but plays the role as the Seller Supplier Party in relation to the customer. The Provider Party uses a Message Handler system capable of receiving Application Responses and sending Application Responses and Catalogue documents. The Provider Party is identified using a unique company identification number (CVR).

7.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of XML document instances of the involved parties.

Note that there are two flows in the diagram, since the activities between supplier and marketplace and between customer and marketplace are independent of each other.

Secondary activities are shown with a dashed borderline.
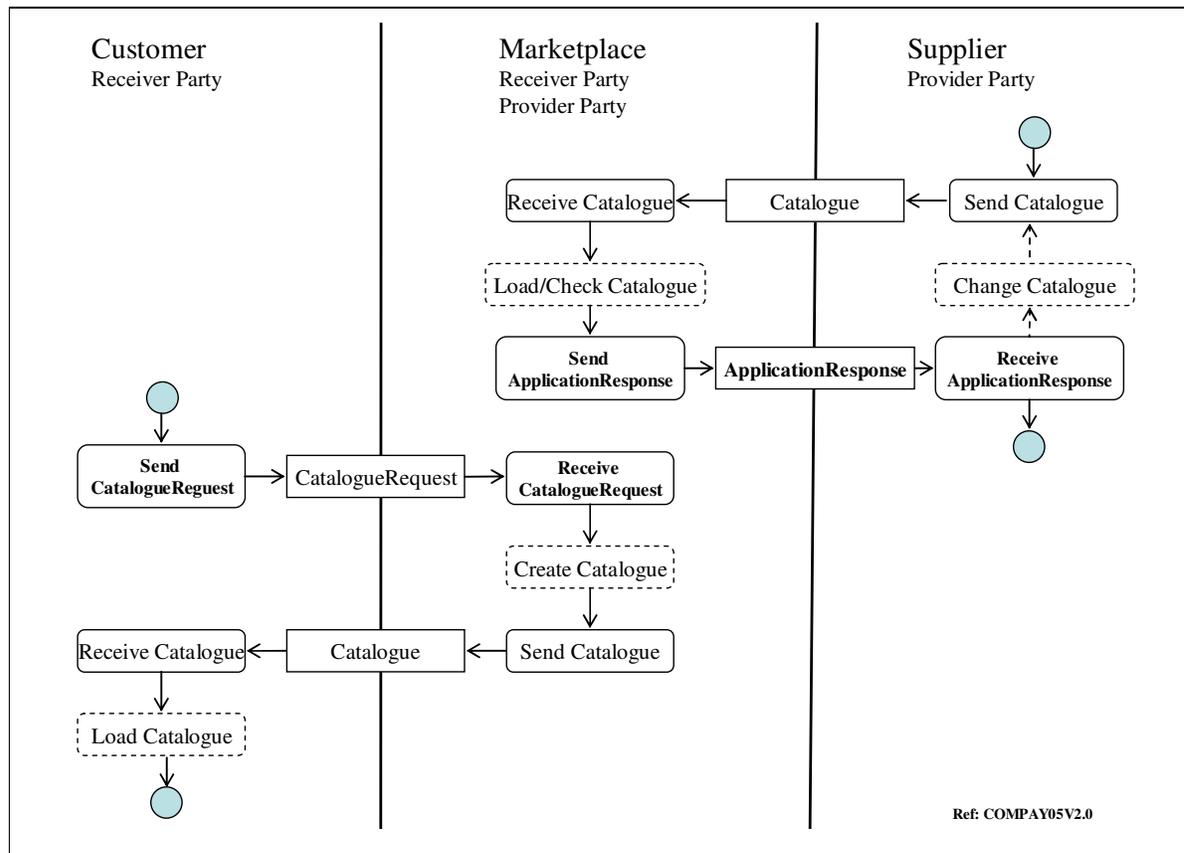
Figure11

7.5 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagram (figure 11). A primary activity is an activity that is inside the scope of this scenario description and also considered to be external (opposite an internal process).

7.5.1 Send Catalogue

The Provider Party sends the Catalogue containing the products he wants to add, update or delete.

The Catalogue contains a full product description but no prices.

The Catalogue must contain a number of key Business Information Identities:

- Identification of the Receiver Party
- Identification of the Provider Party
- Unique identification of the Catalogue
- Unique identifications of the products in the Catalogue

The Provider Party who is the initiating party in this process also specifies a ProfileID. The ProfileID tells the Receiver Party that he can receive all catalogue documents.

7.5.2 Receive Catalogue

The Receiver Party receives the Catalogue. When loading the catalogue it is checked that the needed information's are in the catalogue and that there are no other errors.

7.5.3 Send Application Response

Only if there are errors in the catalogue an Application Response is returned to the Provider Party rejecting the whole catalogue or one or more catalogue lines.

7.5.4 Receive Application Response

The supplier receives the Application Response. Dependent of the error he decides whether he will send a new Catalogue or not. If the error is a rejected catalogue line, which has already been deleted, there is no need for a new catalogue.

7.5.5 Request catalogue

The hospital (Receiver Party) requests an update to a specific product category from the marketplace.

The Catalogue Request must contain a number of key Business Information Identities:

- ID for the document version
- Receiver Party's identification of the request
- The date for the request
- Identification of Receiver Party
- Identification of Provider Party
- A definition of which products is requested

The Receiver Party who is the initiating party in this process also specifies a ProfileID. The ProfileID tells the Receiver Party that he can receive all catalogue documents.

7.5.6 Receive Catalogue Request

The marketplace (Provider Party) receives the Catalogue Request.

The marketplace automatically generates a Catalogue containing the requested items.

7.5.7 Send Catalogue

The Provider Party sends the Catalogue containing the products requested by the Receiver Party.

The Catalogue contains a full product description but no prices.

The Catalogue must contain a number of key Business Information Identities:

- Identification of the Receiver Party
- Identification of the Provider Party
- Unique identification of the Catalogue
- Unique identifications of the products in the Catalogue

7.5.8 Receive Catalogue

The Receiver Party receives the Catalogue.

7.6 Examples

The XML example instance documents are provided as standalone XML files outside this document.

7.6.1 Example

In this scenario there are two independent processes. One process between supplier and marketplace, and one process between customer and marketplace.

This means that the following steps are performed:

1. At Kanyler A/S Bo Pind generates a Catalogue containing a product where they have updated the description and one product that should be deleted.

2. Bo Pind sends the update to the marketplace "HospitalSupplies". The Catalogue is automatically loaded and it is checked that all the document standards are met.

3. The product that should be deleted already had been deleted, and therefore an Application Response is returned with the message, that the line could not be deleted. The other product is updated.

4. Bo Pind receives the Application Response but finds no need for further action.

5. At Aalborg Sygehus Anders Gren sends a request to the marketplace asking for updates to the injection product category.

6. In the marketplace catalogue the request is processed, and a Catalogue is generated with the updated item. The Catalogue is send to Aalborg Sygehus.

7. Anders Gren receives the Catalogue and loads it to his internal catalogue.

In the following tables you will find the business objects that are considered important to this example.

Catalogue:

CATEXE_05_05_00_Catalogue_A_v2p1.xml

7.6.1.1 Catalogue

Class	Field	Attribute	Value	Note[12]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		MP-UPD-1	
	IssueDate		2006-08-15	
	RevisionDate		2006-08-10	
	Description		Opdatering af HospitalSupplies markedsplads	
	VersionID		1.1	
ValidityPeriod				
	StartDate		2006-04-30	
	EndDate		2007-04-30	
ProviderParty				
	EndpointID		DK12312312	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK12312312	
		schemeID	DK:CVR	
PartyName				
	Name		Kanyler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Nordvej	
	BuildingNumber		3	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Kanyler A/S	

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	CompanyID			DK12312312		
			schemeID	DK:CVR		
Contact						
	ID			9000055555		
	Name			Salgsafdelingen		
	Telephone			24565656		
	ElectronicMail			katalog@kanyler.dk		
Person						
	FirstName			Bo		
	FamilyName			Pind		
	JobTitle			katalogmanager		
ReceiverParty						
	EndpointID			DK85285285		
			schemeID	DK:CVR		
PartyIdentification						
	ID			DK85285285		
			schemeID	DK:CVR		
PartyName						
	Name			HospitalSupplies		
PostalAddress						
	AddressFormatCode			StructuredDK		
			listAgencyID	320		
			listID	urn:oioubl:codelist:addressformatcode-1.1		
	StreetName			Vestergade		
	BuildingNumber			45		
	CityName			København K		
	PostalZone			1171		
Country						
	IdentificationCode			DK		
PartyLegalEntity						
	RegistrationName			HospitalSupplies		
	CompanyID			DK85285285		
			schemeID	DK:CVR		
Contact						
	ID			HS123		
	Telephone			85858585		
	ElectronicMail			info@hs.dk		
Person						
	FirstName			Signe		
	FamilyName			Skov		
	JobTitle			katalogmanager		

7.6.1.2 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		12312312-951951	
	ActionCode		Update	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		PK	
	ContentUnitQuantity		20	
		unitCode	EA	
RequiredItemLocationQuantity				
	LeadTimeMeasure		1	
		unitCode	DAY	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	PK	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Kanyle 0.25 x 6 mm, flergangs	
	PackQuantity		1	
		unitCode	PK	
	PackSizeNumeric		20	
	Name		Kanyle 0.25 x 6 mm	
SellersItemIdentification				
	ID		951951	
CommodityClassification				
	ItemClassificationCode		42142500	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

7.6.1.3 CatalogueLine

Class	Field	Attribute	Value	Note
	ID		12312312-951952	

	ActionCode		Delete	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		PK	
	ContentUnitQuantity		18	
		unitCode	EA	
RequiredItemLocationQuantity				
	LeadTimeMeasure		1	
		unitCode	DAY	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	PK	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Kanyle 0.25 x 8 mm, flergangs	
	PackQuantity		1	
		unitCode	PK	
	PackSizeNumeric		20	
	Name		Kanyle 0.25 x 8 mm	
SellersItemIdentification				
	ID		951952	
CommodityClassification				
	ItemClassificationCode		42142500	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

ApplicationResponse:

CATEXE_05_05_00_ApplicationResponse_v2p1.xml

7.6.1.4 ApplicationResponse

Class	Field	Attribute	Value	Note[13]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		25	
	IssueDate		2006-08-15	
SenderParty				
	EndpointID		DK85285285	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK85285285	
		schemeID	DK:CVR	
PartyName				
	Name		HospitalSupplies	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Vestergade	
	BuildingNumber		45	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
ReceiverParty				
	EndpointID		DK12312312	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK12312312	
		schemeID	DK:CVR	
PartyName				
	Name		Kanyler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Nordvej	

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[13]

	BuildingNumber		3	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
DocumentResponse				
Response				
	ReferenceID		4	
	ResponseCode		BusinessAccept	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsecode-1.1	
DocumentReference				
	ID		1234	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2006-04-30	
	DocumentTypeCode		Cataloque	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsedocumenttypecode-1.1	
LineResponse				
LineReference				
	LineID		12312312-951952	
Response				
	ReferenceID		12312312-951952	
	ResponseCode		BusinessAccept	
		listAgencyID	320	
		listID	urn:oioubl:codelist:lineresponsecode-1.1	
LineResponse				
LineReference				
	LineID		12312312-951952	
Response				
	ReferenceID		12312312-951952	
	ResponseCode		BusinessReject	
		listAgencyID	320	
		listID	urn:oioubl:codelist:lineresponsecode-1.1	
	Description		Linjen findes ikke	

CatalogueRequest:

CATEXE_05_05_00_CatalogueRequest_v2p1.xml

7.6.1.5 CatalogueRequest

Class	Field	Attribute	Value	Note[14]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		KANYLER	
	IssueDate		2006-08-20	
	PricingUpdateRequestIndicator		false	
	ItemUpdateRequestIndicator		false	
ReceiverParty				
	EndpointID		DK98798798	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98798798	
		schemeID	DK:CVR	
PartyName				
	Name		Aalborg Sygehus	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Hobrovej	
	BuildingNumber		18	
	CityName		Aalborg	
	PostalZone		9100	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Aalborg Sygehus	
	CompanyID		DK98798798	
		schemeID	DK:CVR	
Contact				
	ID		9000000852	
	Name		Indkøbsafdelingen	
	Telephone		26435467	
	ElectronicMail		indkøb@as.dk	
Person				
	FirstName		Anders	

---

[14]

	FamilyName		Gren	
	JobTitle		katalogadministrator	
ProviderParty				
	EndpointID		DK85285285	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK85285285	
		schemeID	DK:CVR	
PartyName				
	Name		HospitalSupplies	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Vestergade	
	BuildingNumber		45	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		HospitalSupplies	
	CompanyID		DK85285285	
		schemeID	DK:CVR	
Contact				
	ID		HS123	
	Telephone		85858585	
	ElectronicMail		info@hs.dk	
Person				
	FirstName		Signe	
	FamilyName		Skov	
	JobTitle		katalogmanager	
RequestedClassificationScheme				
	ID		UNSPSC	
	Name		UNSPSC	
	AgencyName		UNECE	
	VersionID		7.0401	
ClassificationCategory				
	CodeValue		42142500	
	Description		Injection and aspiration needles and accessories	

Catalogue:

CATEXE_05_05_00_Catalogue_B_v2p1.xml

7.6.1.6 Catalogue

Class	Field	Attribute	Value	Note[15]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		MP-UPD-1	
	IssueDate		2006-08-15	
	RevisionDate		2006-08-10	
	Description		Opdatering af HospitalSupplies markedsplads	
	VersionID		1.1	
ValidityPeriod				
	StartDate		2006-04-30	
	EndDate		2007-04-30	
ProviderParty				
	EndpointID		DK85285285	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK85285285	
		schemeID	DK:CVR	
PartyName				
	Name		HospitalSupplies	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Vestergade	
	BuildingNumber		45	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		HospitalSupplies	
	CompanyID		DK85285285	
		schemeID	DK:CVR	

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Contact				
	ID		HS123	
	Telephone		85858585	
	ElectronicMail		info@hs.dk	
Person				
	FirstName		Signe	
	FamilyName		Skov	
	JobTitle		katalogmanager	
ReceiverParty				
	EndpointID		DK98798798	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98798798	
		schemeID	DK:CVR	
PartyName				
	Name		Aalborg Sygehus	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Hobrovej	
	BuildingNumber		18	
	CityName		Aalborg	
	PostalZone		9100	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Aalborg Sygehus	
	CompanyID		DK98798798	
		schemeID	DK:CVR	
Contact				
	ID		9000000852	
	Name		Indkøbsafdelingen	
	Telephone		26435467	
	ElectronicMail		indkøb@as.dk	
Person				
	FirstName		Anders	
	FamilyName		Gren	
	JobTitle		katalogadministrator	

7.6.1.7 CatalogueLine

Class	Field	Attribute	Value	Note

	ID		12312312-951951	
	ActionCode		Update	
		listAgencyID	320	
		listID	urn:oioubl:codelist:catalogueactioncode-1.1	
	OrderableIndicator		true	
	OrderableUnit		PK	
	ContentUnitQuantity		20	
		unitCode	EA	
SellerSupplierParty				
Party				
	EndpointID		DK12312312	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK12312312	
		schemeID	DK:CVR	
PartyName				
	Name		Kanyler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Nordvej	
	BuildingNumber		3	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK12312312	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Kanyler A/S	
	CompanyID		DK12312312	
		schemeID	DK:CVR	
Contact				
	ID		9000055555	
	Name		Salgsafdelingen	
	Telephone		24565656	

	ElectronicMail		katalog@kanyler.dk	
Person				
	FirstName		Bo	
	FamilyName		Pind	
	JobTitle		katalogmanager	
RequiredItemLocationQuantity				
	LeadTimeMeasure		1	
		unitCode	DAY	
DeliveryUnit				
	BatchQuantity		1	
		unitCode	PK	
ApplicableTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Kanyle 0.25 x 6 mm, flergangs	
	PackQuantity		1	
		unitCode	PK	
	PackSizeNumeric		20	
	Name		Kanyle 0.25 x 6 mm	
SellersItemIdentification				
	ID		951951	
CommodityClassification				
	ItemClassificationCode		42142500	
		listID	UNSPSC	
		listAgencyID	113	
		listVersionID	7.0401	

The corresponding example instance files are provided as:

- CATEXE_05_05_00_Catalogue_A_v2p1.xml
- CATEXE_05_05_00_ApplicationResponse_v2p1.xml
- CATEXE_05_05_00_CatalogueRequest_v2p1.xml
- CATEXE_05_05_00_Catalogue_B_v2p1.xml

8. Deletion of existing catalogue send from the supplier

8.1 Scenario Summary

This is a very simple scenario illustrating the use of a Catalogue Deletion document.

The Catalogue Deletion is send from the Provider Party to the Receiver Party, and it deletes a full catalogue.

8.2 Scenario Characteristics

The scenario characteristics for this particularly scenario can be listed as:

- One Catalogue Deletion
- The Provider Party sends the Catalogue Deletion to the Receiver Party
- The Receiver Party deletes the whole catalogue specified in the deletion file.

8.3 Scenario Context

The context of this scenario does not include the following:

- The ordering process between Buyer Customer Party and Seller Supplier Party
- The fulfilment process at Seller Supplier Party
- The transportation of goods from Supplier to Customer
- The payment process

8.3.1 Document usage

The following business document is used within this scenario:

- Catalogue Deletion

8.3.2 Customer parties

Receiver Party:

      KatalogAdm ApS

      Att. Poul Poulsen

      Bredgade 2

      3000 Helsingør

      CVR: 98879887

Contractor Customer Party:

      Den Lille Skole

      Att. Søren Ibsen

Fredericiavej 10

3000 Helsingør

GLN: 5798000416604

CVR: 16356709

This is an example of a small public school that uses a third party catalogue manager (Receiver Party). The Receiver Party uses a Message Handler system capable of sending electronic Catalogue Requests and Application Responses and receiving Application Responses and Catalogue documents. The Catalogue Receiver is identified using a unique company identification number (CVR).

8.3.3 Supplier parties

Provider Party:

Papirhuset A/S

Salgsafdelingen

Att. Lene Olsen

Papirstræde 9

1171 København K

CVR: 87493746

This is an example of a private paper supplier managing their own catalogue (Provider Party). The Provider Party uses a Message Handler system capable of receiving Catalogue Requests and Application Responses and sending Application Responses and Catalogue documents. The Provider Party is identified using a unique company identification number (CVR).

8.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of XML document instances of the involved parties. Secondary activities are shown with a dashed borderline.
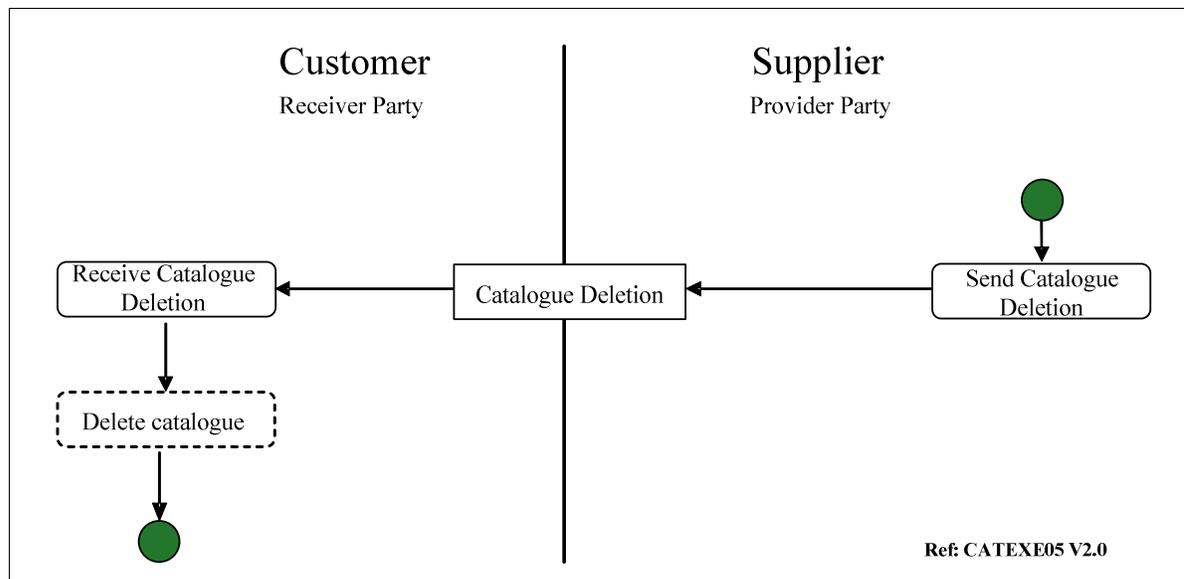

Figure 12

8.5 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagram (figure 12). A primary activity is an activity that is inside the scope of this scenario description and also considered to be external (opposite an internal process).

8.5.1 Send Catalogue Deletion

The Provider Party wants to delete a full catalogue at his customer. He generates a Catalogue Deletion file with a reference to the catalogue he wants to delete.

The Catalogue Deletion must contain a number of key Business Information Identities:

- Identification of Receiver Party
- Identification of Provider Party
- Date of the Catalogue Deletion document
- An identification of the existing catalogue he wishes to delete

8.5.2 Receive Catalogue Deletion

The Receiver Party receives the Catalogue deletion, and deletes the supplier's catalogue form his system.

8.6 Examples

The XML example instance documents are provided as standalone XML files outside this document.

8.6.1 Example

In this scenario Papirhuset A/S sends a Catalogue Deletion to KatalogAdm A/S the company that maintains the catalogue for "Den Lille Skole".

In the following tables you will find the business objects that are considered important to this example.

CatalogueDeletion:

CATEXE_06_06_00_CatalogueDeletion_v2p1.xml

8.6.1.1 CatalogueDeletion

Class	Field	Attribute	Value	Note[16]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Catalogue-CatAdv-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		CAT-EX-2_DELETE	

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	Name		Paper	
	IssueDate		2006-05-15	
	IssueTime		12:00:00	
	VersionID		1.5	
DeletedCatalogueReference				
	ID		CAT-EX-2	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
ReceiverParty				
	EndpointID		DK98879887	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK98879887	
		schemeID	DK:CVR	
PartyName				
	Name		KatalogAdm ApS	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		2	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		KatalogAdm ApS	
	CompanyID		DK98879887	
		schemeID	DK:CVR	
Contact				
	ID		7913	
	Name		Poul Poulsen	
	Telephone		26435467	
	ElectronicMail		info@katadm.dk	
Person				
	FirstName		Poul	
	FamilyName		Poulsen	
	JobTitle		katalogmanager	
ProviderParty				
	EndpointID		DK87493746	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK87493746	

			schemeID	DK:CVR	
PartyName					
	Name			Papirhuset A/S	
PostalAddress					
	AddressFormatCode			StructuredDK	
		listAgencyID		320	
		listID		urn:oioubl:codelist:addressformatcode-1.1	
	StreetName			Papirstræde	
	BuildingNumber			9	
	CityName			København K	
	PostalZone			1171	
Country					
	IdentificationCode			DK	
PartyLegalEntity					
	RegistrationName			Papirhuset A/S	
	CompanyID			DK87493746	
		schemeID		DK:CVR	
Contact					
	ID			9000009876	
	Name			Salgsafdelingen	
	Telephone			26908978	
	ElectronicMail			katalog@papirhuset.dk	
Person					
	FirstName			Lene	
	FamilyName			Olsen	
	JobTitle			katalogmanager	
	OrganizationDepartment			Salgsafdelingen	

The corresponding example instance files are provided as:

- CATEXE_06_06_00_CatalogueDeletion_v2p1.xml