OIOUBL Scenario description

OIOUBL Basic Procurement Cycle
Scenario Package: BASPRO
S03
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
WD 0.1	08. November 2005	First Version	FC	No
WD 0.2	12. December 2005	Example files based on UBL 2.0 (draft 12)	FC	No
WD 0.3	20. January 2006	UBL 2.0 working draft 15 and general internal review	FC	No
WD 0.4	20. February 2006	Renamed to Basic Procurement (BASPRO) And added tax	AL	No
WD 0.5	14. Marts 2006	Changes from Public Review incorporated	AL	No
1.0	08. September 2006	Changes of party class names and other consequences of changes in UBL-2.0 prd3 documents. Version for OIOUBL public review.	FC	No
1.1	30. April 2007	Revised due to NES harmonization (OIOUBL-2.01)	FC	No

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Contents

1. Introduction

This document describes business scenarios related to the OIOUBL Basic Procurement Cycle 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 Basic Procurement Cycle
- A number of related scenario descriptions (Use Cases) including example XML instance files
- Description of selected internal processes and eBusiness benefits

Chapter 2.3 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 Basic Procurement Cycle definition

2.1 Scope

The OIOUBL Basic Procurement Cycle is a good starting point when implementing eBusiness using OIOUBL. It covers the ordinary flow from Order to Invoice between organizations based on the following assumptions:

- The customer knows the item(s) in advance by identifying it using a catalogue

- The item(s) can be identified with a unique item number

- We are dealing with small (non complex) organizations

- Few departments involved in the procurement process

- One order one delivery

This document describes the different ways in which this 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 that are to be exchanged

- The business rules that apply to content and structure of these business documents

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

The OIOUBL Basic Procurement Cycle uses the following OIOUBL profiles:

Profile	Profile ID	Comments
OrderingSimpleToBillingSimple	Procurement-OrdSimR-BilSim-1.0	The simple ordering (with response) and invoicing process

Using the OrderingSimpleToBillingSimple profile, actors are limited to Customer and Supplier with the following roles[1]:

- Buyer Customer Party
- Seller Supplier Party
- Accounting Customer Party
- Accounting Supplier Party

The involved business documents are limited to:

- Order
- Order Response Simple
- Invoice
- Credit Note
- Reminder
- Application Response

The overall business process is shown in figure 1 below.
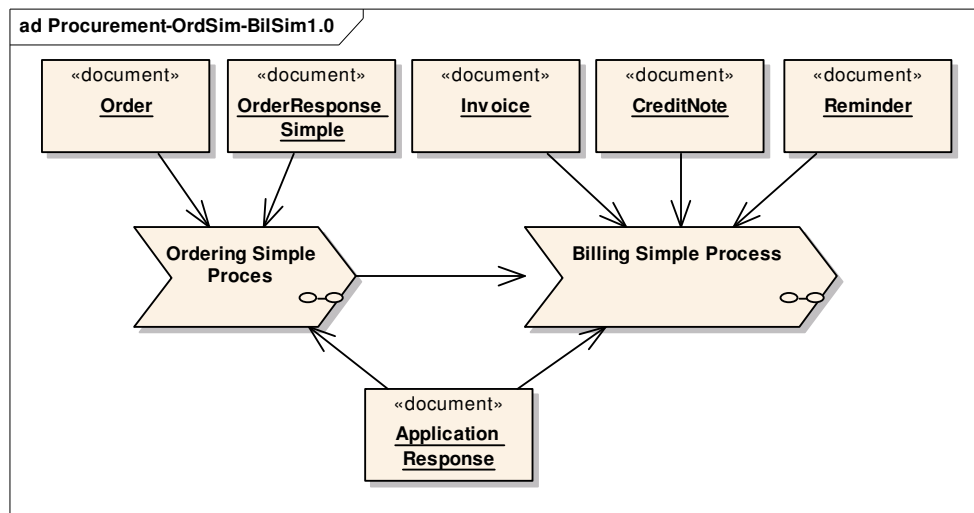
Figure 1

The OrderingSimpleToBillingSimple profile contains the following business processes:

Business process	Comments
OrderingSimpleR (with response)	The OIOUBL Basic Procurement Cycle requires that an OrderResponseSimple always is returned from the Supplier, which means that the OrderingSimpleR process is used
BillingSimple	The simple invoicing process

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

The OrderingSimpleR process is shown in figure 2 below:
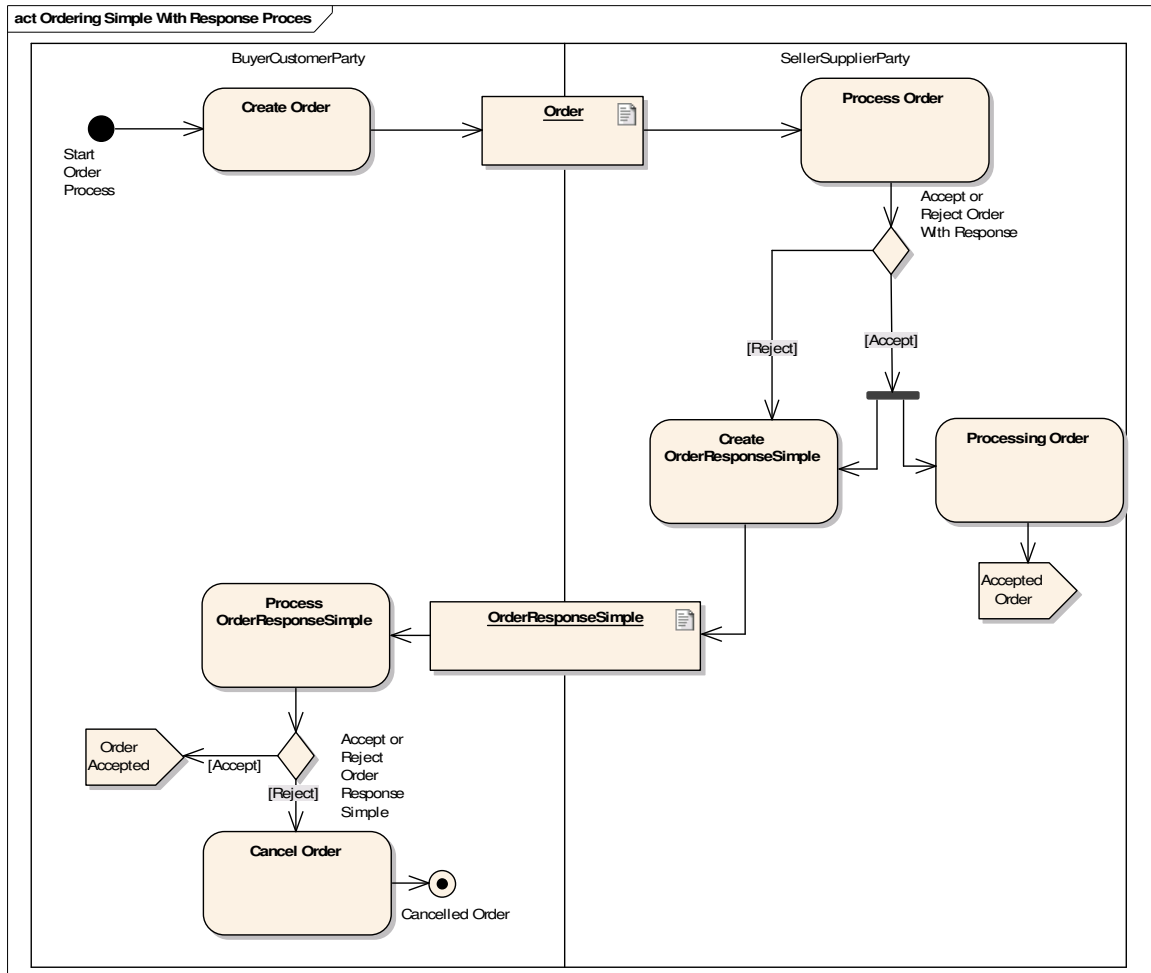
Figure 2, The OrderingSimpleR process.

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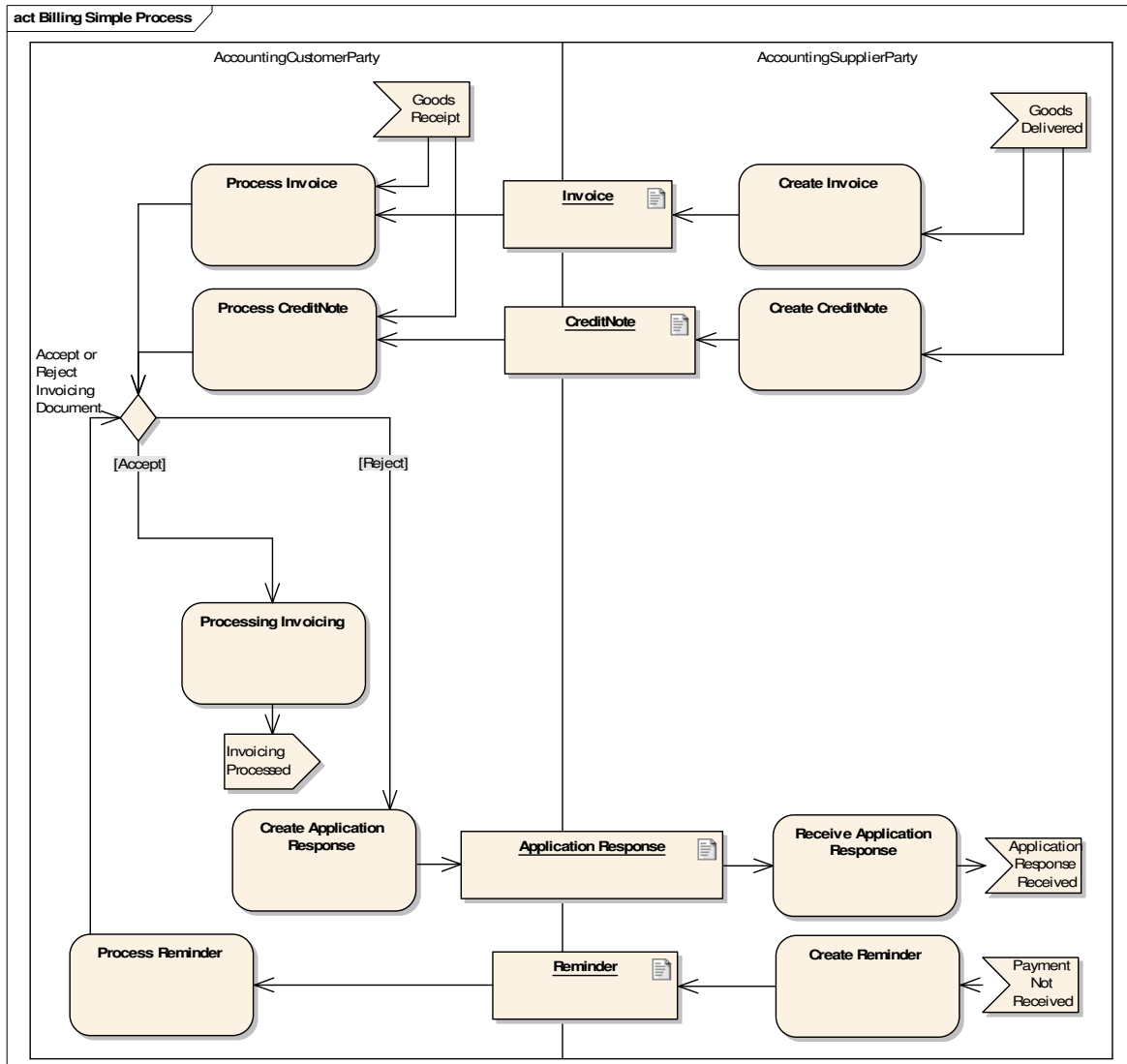
Figure 3, The BillingSimple process.

2.3 Covered Scenarios

For the OIOUBL Basic Procurement Cycle a number of different scenarios (use cases) 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	Procurement of a blackboard to a minor public school	The happy day scenario
4	Procurement of a blackboard to a minor public school (out of stock)	Out of stock
5	Procurement of a blackboard to a minor public school (invoice failure)	Invoiced too much
6	Procurement of a blackboard to a minor public school (no payment)	No payment

3. Procurement of a blackboard to a minor public school

3.1 Scenario Summary

This scenario describes the simple case of a small Public School placing a single order of a standard item directly at a private supplier.

The order is initiated by one person at the school as a single order directly to the supplier. The ordered items are standard items found in a catalogue and can be identified using a unique item number.

The school is an example of small organization with only one department. The school is identified by a unique GLN location number.

Only the Happy Day variant is described.

3.2 Scenario Characteristics

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

- One Order – One Order Response Simple – One delivery – One Invoice
- The Buyer Customer Party identifies the items based on a catalogue
- The Buyer Customer Party organization is small (one department)
- No need for Delivery Customer Party
- Buyer Customer Party becomes the Accounting Customer Party and Seller Supplier Party becomes the Accounting Supplier Party when invoicing
- The order is initiated by the Buyer Customer Party
- The order is sent directly to the Seller Supplier Party (no agent involved)
- The parties are capable of exchanging XML document instances (using their network provider)
- The trade item is a standard item identified by an item identification number
- The Invoice is sent to the Accounting Customer Party at the point of time where the goods are delivered
- This is the happy day scenario

3.3 Scenario Context

The context of this scenario does not include the following:

- Sourcing
- Fulfillment
- Payment

3.3.1 Document usage

The involved business documents are the following:

- Order

- Order Response Simple
- Invoice

3.3.2 Customer parties

The following examples of customer related business parties will be used throughout the rest of this scenario description:

Buyer Customer Party and Accounting Customer Party:

> Den Lille Skole
>
> Att. Hans Hansen
>
> Fredericiavej 10
>
> 3000 Helsingør
>
> GLN: 5798000416604
>
> CVR: 16356709

This is an example of a minor public school (a small public organization) with only one department involved in the procurement process. The school uses an ERP system which is capable of receiving and sending electronic documents.

3.3.3 Supplier parties

The following examples of supplier related business parties will be used throughout the rest of this scenario description:

Seller Supplier Party and Accounting Supplier Party:

> Tavleleverandøren
>
> Att. Hugo Jensen
>
> Leverandørvej 11
>
> 2870 Dyssegård
>
> CVR: 16356706

This is an example of a private company with only one department involved in the procurement process. The company uses an ERP system which is capable of receiving and sending electronic documents.

3.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of document instances of the involved parties. Secondary activities are shown with a dashed borderline.
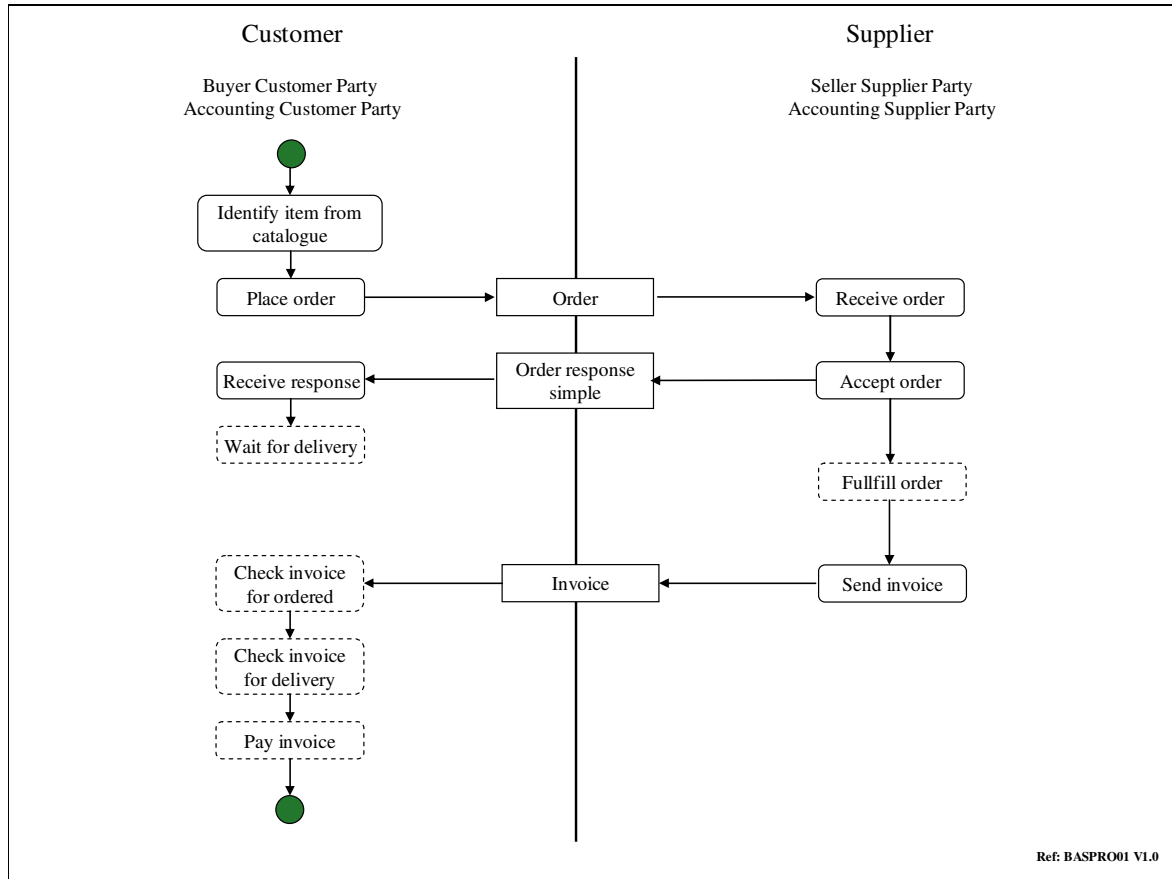
Figure 4

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 4). A primary activity is an activity that is inside the scope of the scenario description and also considered external (not an internal process).

3.5.1 Identify item from catalogue

The Buyer Customer Party identifies the items to order from a catalogue. This means that only standard items and items with an item number can be ordered. The catalogue could be either paper based or electronic.

3.5.2 Place order

Basically the Buyer Customer Party needs to produce one instance of the Order document and send it to the Seller Supplier Party. This can be done directly from within the Buyer Customer Party's ERP system. The process can be more or less automated. The document instance will be delivered to the Seller Supplier Party using an appropriate network provider. The Order must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number

- Contact Reference at Buyer Customer Party

- Accounting Cost number (option)

- GLN Location Number of the Buyer Customer Party's Organization

- Legal entity of the Buyer Customer Party's Organization

- ID of Seller Supplier Party's Organization

- Item Number of the ordered item(s) known to the Seller Supplier Party

3.5.3 Receive order

The Seller Supplier Party receives the Order electronically from its network provider. This process can be more or less automated.

3.5.4 Accept order

The Seller Supplier Party needs to verify whether it can deliver the order which is always the case in this scenario. When accepting the Order the Seller Supplier Party produces one instance of the Order Response Simple document and returns it to the Buyer Customer Party. Observe that this is a mandatory action even in this simple scenario. The Order Response Simple must contain a number of key Business Information Identities:

- Code for accepting the whole order

- A reference to the originating order

3.5.5 Receive response

The Buyer Customer Party receives the Order Response electronically from its network provider. This process can be more or less automated. The Buyer Customer Party should check whether the order is accepted and if the correct order is referenced. In this scenario there will always be match.

3.5.6 Send invoice

The Accounting Supplier Party produces one instance of the Invoice document and sends it to the Accounting Customer Party. In this scenario the invoice is sent by the time the items are delivered. The Invoice must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number

- Contact Reference at Buyer Customer Party

- GLN Location Number of the Buyer Customer Party's Organization

- Legal entity of the Accounting Customer Party's Organization

- ID of Accounting Supplier Party's Organization

3.5.7 Receive invoice

The Accounting Customer Party receives the Invoice electronically from its network provider. This process can be more or less automated. The Accounting Customer Party should check whether the Invoice is accepted and if the correct order is referenced. In this scenario there will always be match.

3.6 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.

3.6.1 Buyer Customer Party

3.6.1.1 Check order response against ordered

When the Buyer Customer Party receives the Order Response it automatically triggers the following:

- An automated match with the initiating Order (based on the order reference)
- An automated creation of a corresponding record (object) in the Buyer Customer Party's internal IT system for goods receivables
- Optionally create a record in the Buyer Customer Party's internal IT system for invoice matching

3.6.2 Accounting Customer Party

3.6.2.1 Check invoice against ordered and /or delivery

At the time the items are received the delivery is matched with the order and if a match is found the Buyer Customer Party's internal IT system is updated. When the invoice arrives at the Accounting Customer Party it is automatically matched with the order.

3.6.3 Seller Supplier Party and Accounting Supplier Party

3.6.3.1 General benefits

The benefits for the supplier are actually tied together with the automated invoice matching process at the Accounting Customer Party. This should ensure a faster turnaround time from delivery of goods to the payment is received.

3.7 Examples

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

3.7.1 Example 3.1

Hans Hansen who is employed at a small public school wants to buy a blackboard. This means that the following steps are performed:

1. Hans finds the blackboard in their suppliers paper based catalogue and places the order.

2. The supplier recognizes that they have the blackboard in stock and sends an accepting order response immediately.

3. Hans matches the order response against the order and notifies that the order is in process.

4. The supplier sends the blackboard by carrier to the public school.

5. Hans receives the blackboard. He finds the matching order and approves the delivery.

6. The day after the public school receives an electronic invoice with attention to Hans.

7. Hans matches it with the order and approves it.

8. The invoice is then ready for payment.

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

Order:

BASPRO_01_01_00_Order_v2p1.xml

3.7.1.1 Order

Class	Field	Attribute	Value	Note[2]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		5002701	
	CopyIndicator		false	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
BuyerCustomerParty				
Party				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Den Lille Skole	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	

2

		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		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2005-11-15	

	EndDate		2005-11-15	
TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	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	
AnticipatedMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	
		currencyID	DKK	

3.7.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	

Class	Field	Attribute	Value	Note
	OrderableUnitFactorRate		1	
Item				
	Description		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	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	

3.7.1.3 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		2	
	Quantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Beslag	
	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	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	

OrderResponseSimple:

BASPRO_01_01_00_OrderReponseSimple_v2p1.xml

3.7.1.4 OrderResponseSimple

Class	Field	Attribute	Value	Note[3]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		65830	
	CopyIndicator		false	
	UUID		9756b4ac-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-02	
	AcceptedIndicator		true	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	

3

	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
BuyerCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	

	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	

Invoice:

BASPRO_01_01_00_Invoice_v2p1.xml

3.7.1.5 Invoice

Class	Field	Attribute	Value	Note[4]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oioubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
AccountingSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	

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	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK16356706	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
AccountingCustomerParty				
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	

PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
Delivery				
	ActualDeliveryDate		2005-11-15	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2005-11-25	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		1234567890	
	PaymentNote		A00095678	
FinancialInstitutionBranch				
	ID		1234	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		6312.50	
		currencyID	DKK	
TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	

Class	Field	Attribute	Value	Note
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
LegalMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	
		currencyID	DKK	

3.7.1.6 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
TaxTotal				
	TaxAmount		1250.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5000.00	
		currencyID	DKK	
	TaxAmount		1250.00	
		currencyID	DKK	
TaxCategory				
	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		Hejsetavle	

Class	Field	Attribute	Value	Note
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

3.7.1.7 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		2	
	InvoicedQuantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
OrderLineReference				
	LineID		2	
TaxTotal				
	TaxAmount		12.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		50.00	
		currencyID	DKK	
	TaxAmount		12.50	
		currencyID	DKK	
TaxCategory				
	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		Beslag	
	Name		Beslag	
SellersItemIdentification				

	ID			5712345780111	
		schemeAgencyID		9	
		schemeID		GTIN	
Price					
	PriceAmount			25.00	
		currencyID		DKK	
	BaseQuantity			1	
		unitCode		EA	
	OrderableUnitFactorRate			1	

The corresponding example instance files are provided as:

- BASPRO_01_01_00_Order_v2p1.xml
- BASPRO_01_01_00_OrderReponseSimple_v2p1.xml
- BASPRO_01_01_00_Invoice_v2p1.xml

4. Procurement of a blackboard to a minor public school (out of stock)

4.1 Scenario Summary

This scenario describes the case of a small Public School placing a single order of a standard item directly at a private supplier. However, the supplier realizes that the ordered item is out of stock.

The order is initiated by one person at the School as a single order, directly to the supplier. The ordered items are standard items found in a catalogue, and can be identified using a unique item number.

The School is an example of small organization with only one department. The School is identified by a unique GLN location number.

4.2 Scenario Characteristics

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

- One Order – One Order Response Simple
- The Buyer Customer Party identifies the items based on a catalogue
- The Buyer Customer Party organization is small (one department)
- No need for Delivery Customer Party
- Buyer Customer Party becomes the Accounting Customer Party and Seller Supplier Party becomes the Accounting Supplier Party when invoicing
- The order is initiated by the Buyer Customer Party
- The order is sent directly to the Seller Supplier Party (no agent involved)
- The parties are capable of exchanging XML document instances (using their network provider)
- The trade item is a standard item identified by an item identification number
- The ordered Items is out of stock at the supplier
- The order is cancelled at the Buyer Customer Party

4.3 Scenario Context

The context of this scenario does not include the following:

- Sourcing
- Fulfillment
- Payment

4.3.1 Document usage

The involved business documents are the following:

- Order
- Order Response Simple

4.3.2 Customer parties

The following examples of customer related business parties will be used throughout the rest of this scenario description:

Buyer Customer Party:

> Den Lille Skole
>
> Att. Hans Hansen
>
> Fredericiavej 10
>
> 3000 Helsingør
>
> GLN: 5798000416604
>
> CVR: 16356709

This is an example of a minor public school (a small public organization) with only one department involved in the procurement process. The school uses an ERP system which is capable of receiving and sending electronic documents.

4.3.3 Supplier parties

The following examples of supplier related business parties will be used throughout the rest of this scenario description:

Seller Supplier Party:

> Tavleleverandøren
>
> Att. Hugo Jensen
>
> Leverandørvej 11
>
> 2870 Dyssegård
>
> CVR: 16356706

This is an example of a private company with only one department involved in the procurement process. The company uses an ERP system which is capable of receiving and sending electronic documents.

4.4 Scenario Activity Diagram

The scenario diagram provided shows the flow of activities and usage of document instances of the involved parties. Secondary activities are shown with a dashed borderline.
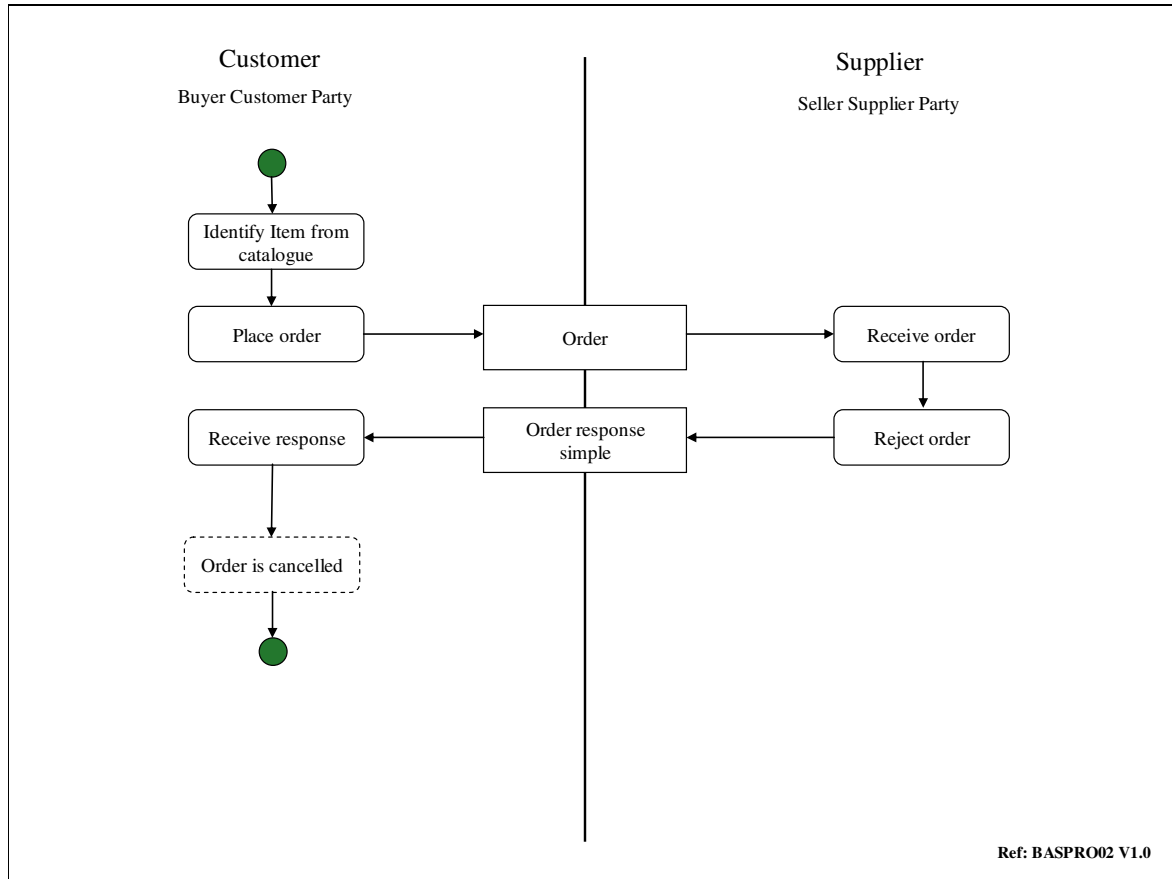
Figure 5

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 5). A primary activity is an activity that is inside the scope of this scenario description and also considered external (not an internal process).

4.5.1 Identify Item from catalogue

The Buyer Customer Party identifies the items to order from a catalogue. This means that only standard items and items with an item number can be ordered. The catalogue could be either paper based or electronic.

4.5.2 Place order

Basically the Buyer Customer Party needs to produce one instance of the Order document and send it to the Seller Supplier Party. This can be done directly from within the Buyer Customer Party's ERP system. The Process can be more or less automated. The document instance will be delivered to the Seller Supplier Party using an appropriate network provider. The Order must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number

- Contact Reference at Buyer Customer Party

- Accounting Cost number (option)

- GLN Location Number of the Buyer Customer Party's Organization

- Legal entity of the Buyer Customer Party's Organization

- ID of Seller Supplier Party's Organization

- Item Number of the ordered item(s) known to the Seller Supplier Party

4.5.3 Receive order

The Seller Supplier Party receives the Order electronically from his network provider. This process can be more or less automated.

4.5.4 Reject order

The Seller Supplier Party realizes that the ordered items are out of stock and therefore the order cannot be fulfilled. Consequently, the whole order is rejected by producing one instance of the Order Response Simple document which is returned to the Buyer Customer Party. The Order Response Simple must contain a number of key Business Information Identities:

- Code for rejecting the whole order

- A rejection note (Out of stock)

- A reference to the originating order

4.5.5 Receive response

The Buyer Customer Party receives the Order Response electronically from its network provider. This process can be more or less automated. The Buyer Customer Party realizes that the order has been rejected, and he makes another order to another supplier.

4.6 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 your internal processes.

4.6.1 Buyer Customer Party

4.6.1.1 Check order response against ordered.
When the Buyer Customer Party receives the Order Response it automatically triggers the following:

- An automated check for rejection code

4.6.1.2 The order is cancelled.
The Buyer Customer Party cancels their internal registration of the order.

4.6.2 Seller Supplier Party

4.6.2.1 General benefits.
The whole process is automated.

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

4.7.1 Example 4.1

Hans Hansen who is employed at a small public school wants to buy a blackboard. This means that the following steps are performed:

1. Hans finds the blackboard in their suppliers paper based catalogue and places the order.
2. The supplier realizes that the blackboard is not in stock and therefore sends a rejecting order response immediately.

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

Order:

BASPRO_02_01_02_Order_v2p1.xml

4.7.1.1 Order

Class	Field	Attribute	Value	Note[5]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		5002701	
	CopyIndicator		false	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	

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	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
BuyerCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	

		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2005-11-15	
	EndDate		2005-11-15	
TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	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	
AnticipatedMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	

Class	Field	Attribute	Value	Note
		currencyID	DKK	

4.7.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	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	

4.7.1.3 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		2	
	Quantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	

Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Beslag	
	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	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	

OrderResponseSimple:

BASPRO_02_01_02_OrderReponseSimple_v2p1.xml

4.7.1.4 OrderResponseSimple

Class	Field	Attribute	Value	Note[6]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		65830	
	CopyIndicator		false	
	UUID		9756b4ac-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-02	
	AcceptedIndicator		false	
	RejectionNote		Varen er desværre ikke på lager	

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OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
BuyerCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	

The corresponding example instance files are provided as:

- BASPRO_02_01_02_Order_v2p1.xml
- BASPRO_02_01_02_OrderReponseSimple_v2p1.xml

5. Procurement of a blackboard to a minor public school (invoiced too much)

5.1 Scenario Summary

This scenario describes the case of a small Public School placing a single order of a standard item directly at a private supplier. However the supplier sends an invoice where an agreed discount is missing.

The order is initiated by one person at the School as a single order, directly to the supplier. The ordered items are standard items found in a catalogue, and can be identified using a unique item number.

The School is an example of small organization with only one department. The School is identified by a unique GLN location number.

However, the public school is invoiced too much, as an agreed discount (DKK 800.00) is missing on the invoice. The issue is solved by the supplier issuing a new and correct invoice.

Scenario Characteristics

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

- One Order – One Order Response Simple – One delivery – One Invoice – One Application Response – One CreditNote – One Invoice
- The Buyer Customer Party identifies the items based on a catalogue
- The Buyer Customer Party organization is small (one department)
- No need for Delivery Customer Party
- Buyer Customer Party becomes the Accounting Customer Party and Seller Supplier Party becomes the Accounting Supplier Party when invoicing
- The order is initiated by the Buyer Customer Party
- The order is sent directly to the supplier (no agent involved)
- The parties are capable of exchanging XML document instances (using their network provider)
- The trade item is a standard item identified by an item identification number
- The Invoice is sent to the Accounting Customer Party at the point of time where the goods are delivered
- The Invoice is incorrect as an agreed discount is missing on the invoice
- The Accounting Customer rejects the invoice by returning a negative Application Response to the Accounting Supplier Party
- The issue is solved by the Accounting Supplier Party issuing a CreditNote and a new and correct Invoice

5.2 Scenario Context

The context of this scenario does not include the following:

- Sourcing
- Fulfillment

- Payment

5.2.1 Document usage

The involved business documents are the following:

- Order
- Order Response Simple
- Invoice
- CreditNote
- Application Response

5.2.2 Customer parties

The following examples of customer related business parties will be used throughout the rest of this scenario description:

Buyer Customer Party and Accounting Customer Party:

Den Lille Skole

Att. Hans Hansen

Fredericiavej 10

3000 Helsingør

GLN: 5798000416604

CVR: 16356709

This is an example of a minor public school (a small public organization) with only one department involved in the procurement process. The school uses an ERP system which is capable of receiving and sending electronic documents.

5.2.3 Supplier parties

The following examples of supplier related business parties will be used throughout the rest of this scenario description:

Seller Supplier Party and Accounting Supplier Party:

Tavleleverandøren

Att. Hugo Jensen

Leverandørvej 11

2870 Dyssegård

CVR: 16356706

This is an example of a private company with only one department involved in the procurement process. The company uses an ERP system which is capable of receiving and sending electronic documents.

5.3 Scenario Activity Diagram

The scenario diagrams provided shows the flow of activities and usage of document instances of the involved parties. Secondary activities are shown with a dashed borderline.
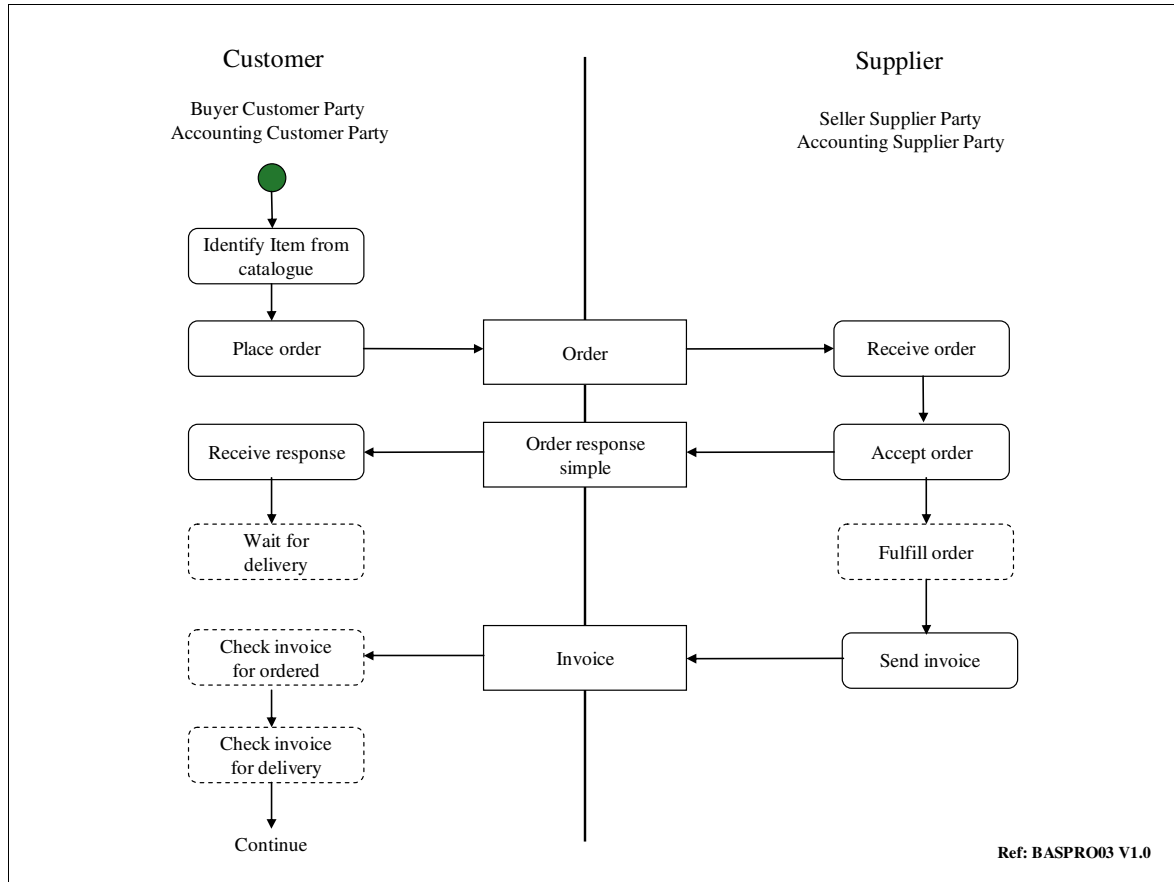
Figure 6
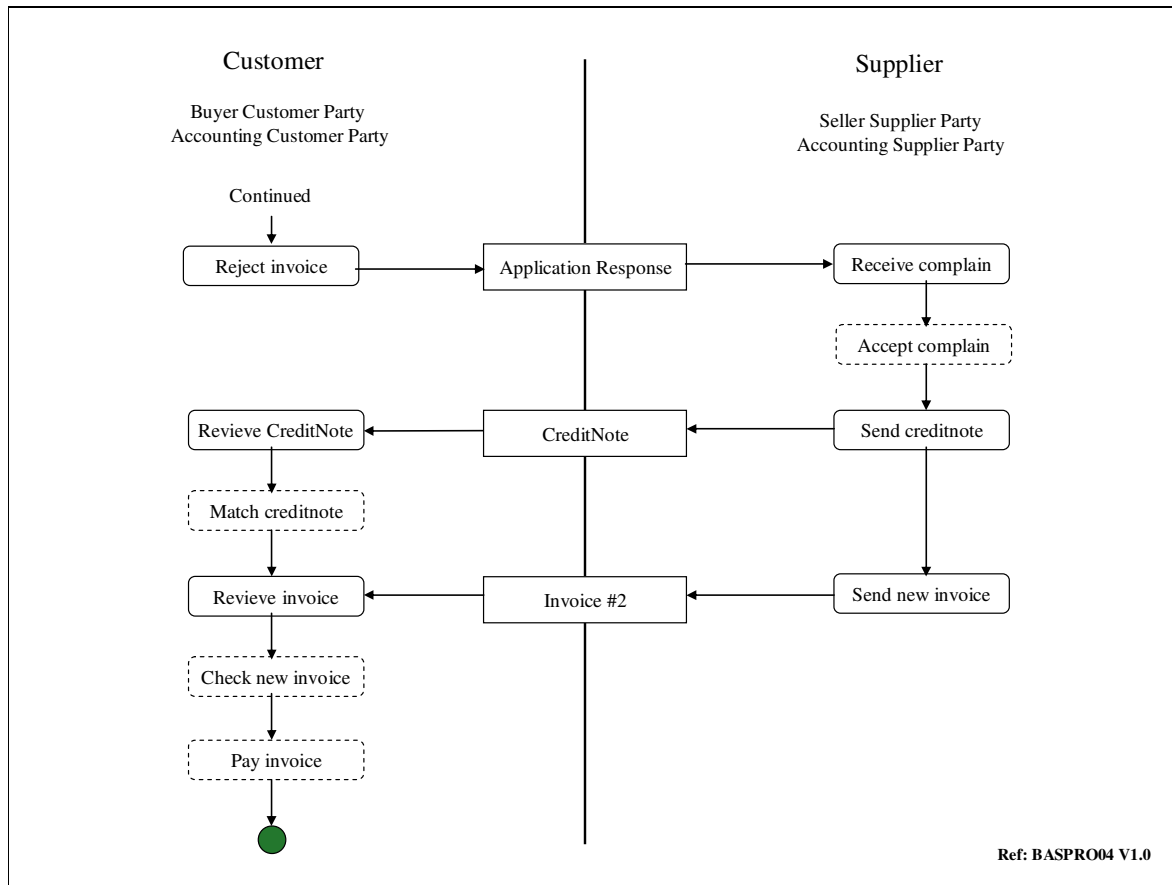
Figure 7

5.4 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagrams (figure 6 and figure 7). A primary activity is an activity that is inside the scope of this scenario description and also considered external (not an internal process).

5.4.1 Identify Item from catalogue

The Buyer Customer Party identifies the items to order from a catalogue. This means that only standard items and items with an item number can be ordered. The catalogue could be either paper based or electronic.

5.4.2 Place order

Basically the Buyer Customer Party needs to produce one instance of the Order document and send it to the Seller Supplier Party. This can be done directly from within the Buyer Customer Party's ERP system. The Process can be more or less automated. The document instance will be delivered to the Seller Supplier Party using an appropriate network provider. The Order must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number
- Contact Reference at Buyer Customer Party

- Accounting Cost number (option)

- GLN Location Number of the Buyer Customer Party's Organization

- Legal entity of the Buyer Customer Party's Organization

- ID of Seller Supplier Party's Organization

- Item Number of the ordered item(s) known to the Seller Supplier Party

5.4.3 Receive order

The Seller Supplier Party receives the Order electronically from his network provider. This process can be more or less automated.

5.4.4 Accept order

The Seller Supplier Party needs to verify whether it can deliver the order which is always the case in this scenario. When accepting the Order the Seller Supplier Party produces one instance of the Order Response Simple document and returns it to the Buyer Customer Party. Observe that this is a mandatory action even in this simple scenario. The Order Response Simple must contain a number of key Business Information Identities:

- Code for accepting the whole order

- A reference to the originating order

5.4.5 Receive response

The Buyer Customer Party receives the Order Response electronically from his network provider. This process can be more or less automated. The Buyer Customer Party should check if the order is accepted, and if the correct order is referenced. In this scenario there will be match.

5.4.6 Send invoice

The Accounting Supplier Party produces one instance of the Invoice document and sends it to the Accounting Customer Party. In this scenario the Invoice is sent when the goods are delivered. The Invoice must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number

- Contact Reference at Buyer Customer Party

- GLN Location Number of the Buyer Customer Party's Organization

- Legal entity of the Accounting Customer Party's Organization

- ID of Accounting Supplier Party's Organization

5.4.7 Receive invoice

The Accounting Customer Party receives the Invoice electronically from its network provider. This process can be more or less automated. The Accounting Customer Party should check whether the Invoice is accepted and if the correct order is referenced.

5.4.8 Reject invoice

When the Accounting Customer Party receives the Invoice it automatically triggers the following:

- An automated check of total amount against what was ordered (the agreed discount is missing)

- Generation of a rejecting Application Response document which is returned to the Accounting Supplier Party

The Application Response document must contain a number of key Business Information Identities:

- Code for rejecting the whole invoice

- A rejection note (Invoiced too much)

- A reference to the originating invoice

It is agreed between customer and supplier to solve the issue by having the Accounting Supplier Party to issue a credit note on the difference amount.

5.4.9 Send credit note

The Accounting Supplier Party produces one credit note matching the first send invoice exactly and sends it to the Accounting Customer Party. The Accounting Customer Party and the Accounting Supplier Party is now able to cancel the first invoice in the accounting system.

5.4.10 Send new invoice

The Accounting Supplier Party produces one new and correct instance of the Invoice document and sends it to the Accounting Customer Party. The Invoice must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number

- Contact Reference at Buyer Customer Party

- GLN Location Number of the Accounting Customer Party's Organization

- Legal entity of the Accounting Customer Party's Organization

- ID of Accounting Supplier Party's Organization

5.4.11 Receive creditnote

The Accounting Customer Party receives the creditnote electronically from its network provider. This process can be more or less automated. The Accounting Customer Party should check whether the creditnote is accepted and if the correct Invoice is referenced. In this scenario there will always be match.

5.4.12 Receive new invoice

The Accounting Customer Party receives the Invoice electronically from its network provider. This process can be more or less automated. The Accounting Customer Party should check whether the Invoice is accepted and if the correct order is referenced. In this scenario there will always be match.

5.5 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 your internal processes.

5.5.1 Buyer Customer Party

5.5.1.1 Check order response against ordered

When the Buyer Customer Party receives the Order Response it automatically triggers the following:

- An automated match with the initiating Order (based on the order reference)
- An automated creation of a corresponding record (object) in the Buyer Customer Party's internal IT system for goods receivables
- Optionally create a record in the Buyer Customer Party's internal IT system for invoice matching

5.5.2 Accounting Customer Party

5.5.2.1 Check new invoice

The invoice is checked and found ok.

5.5.2.2 Pay new invoice

The invoice is ready for payment.

5.5.3 Seller Supplier Party and Accounting Supplier Party

5.5.3.1 General benefits

The whole process is automated.

5.6 Examples

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

5.6.1 Example 5.1

Hans Hansen who is employed at a small public school wants to buy a blackboard. This means that the following steps are performed:

1. Hans finds the blackboard in their suppliers paper based catalogue and places the order.
2. The supplier recognizes that they have the blackboard on stock and sends an accepting order response immediately.
3. Hans matches the order response against the order and notifies that the order is in process.
4. The supplier sends the blackboard by mail to the public school.
5. Hans receives the blackboard. He finds the matching order and approves the delivery.
6. The day after the public school receives an electronic invoice with attention to Hans.

7. Hans matches the invoice with the order and realizes that the agreed discount of DKK 800.00 is missing on the invoice

8. Hans returns a rejecting Application Response

9. Hugo Jensen at Tavleleverandøren sends a creditnote and a new and correct invoice.

10. Hans receives the new invoice.

11. The invoice is now ready for payment.

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

Order:

BASPRO_03_01_06_Order_v2p1.xml

5.6.1.1 Order

Class	Field	Attribute	Value	Note[7]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		5002701	
	CopyIndicator		false	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
BuyerCustomerParty				
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	

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	BuildingNumber		10	
	CityName		Helsingør	
	PostalZone		3000	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2005-11-15	
	EndDate		2005-11-15	
TaxTotal				

Class	Field	Attribute	Value	Note
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	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	
AnticipatedMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	
		currencyID	DKK	

5.6.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				

Class	Field	Attribute	Value	Note
	Description		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	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	

5.6.1.3 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		2	
	Quantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Beslag	
	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	

Class	Field	Attribute	Value	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	

OrderResponseSimple:

BASPRO_03_01_06_OrderReponseSimple_v2p1.xml

5.6.1.4 OrderResponseSimple

Class	Field	Attribute	Value	Note[8]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		65830	
	CopyIndicator		false	
	UUID		9756b4ac-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-02	
	AcceptedIndicator		true	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	

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	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
BuyerCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	

Invoice:

BASPRO_03_01_06_Invoice_v2p1.xml

5.6.1.5 Invoice

Class	Field	Attribute	Value	Note[9]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oioubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
AccountingSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	

	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK16356706	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
AccountingCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	

	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
Delivery				
	ActualDeliveryDate		2005-11-15	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2005-11-25	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		1234567890	
	PaymentNote		A00095678	
FinancialInstitutionBranch				
	ID		1234	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		6312.50	
		currencyID	DKK	
TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	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	

Class	Field	Attribute	Value	Note
	Name		Moms	
LegalMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	
		currencyID	DKK	

5.6.1.6 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
TaxTotal				
	TaxAmount		1250.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5000.00	
		currencyID	DKK	
	TaxAmount		1250.00	
		currencyID	DKK	
TaxCategory				
	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		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				

Class	Field	Attribute	Value	Note
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

5.6.1.7 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		2	
	InvoicedQuantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
OrderLineReference				
	LineID		2	
TaxTotal				
	TaxAmount		12.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		50.00	
		currencyID	DKK	
	TaxAmount		12.50	
		currencyID	DKK	
TaxCategory				
	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		Beslag	
	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	

Class	Field	Attribute	Value	Note
		schemeID	GTIN	
Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

ApplicationResponse:

BASPRO_03_01_06_ApplicationResponse_v2p1.xml

5.6.1.8 ApplicationResponse

Class	Field	Attribute	Value	Note[10]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		B65830	
	UUID		9756b516-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
SenderParty				
	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				

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	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
ReceiverParty				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
DocumentResponse				
Response				
	ReferenceID		1	
	ResponseCode		BusinessReject	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsecode-1.1	
	Description		Vi har ikke fået de aftalte 800,- kr i rabat	
DocumentReference				
	ID		A00095678	
	CopyIndicator		false	

	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	DocumentTypeCode		Invoice	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsedocumenttypecode-1.1	

CreditNote:

BASPRO_03_01_06_CreditNote_v2p1.xml

5.6.1.9 *CreditNote*

Class	Field	Attribute	Value	Note[11]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		A00095679	
	CopyIndicator		false	
	UUID		9756b53a-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
DiscrepancyResponse				
	ReferenceID		1	
	Description		Modregning af forkert faktura	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
BillingReference				
InvoiceDocumentReference				
	ID		A00095678	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
AccountingSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	

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[11]

			schemeID	DK:CVR	
PartyName					
	Name			Tavleverandøren	
PostalAddress					
	AddressFormatCode			StructuredDK	
		listAgencyID		320	
		listID		urn:oioubl:codelist:addressformatcode-1.1	
	StreetName			Leverandørvej	
	BuildingNumber			11	
	CityName			Dyssegård	
	PostalZone			2870	
Country					
	IdentificationCode			DK	
PartyTaxScheme					
	CompanyID			DK16356706	
		schemeID		DK:SE	
TaxScheme					
	ID			63	
		schemeAgencyID		320	
		schemeID		urn:oioubl:id:taxschemeid-1.1	
	Name			Moms	
PartyLegalEntity					
	RegistrationName			Tavleleverandøren	
	CompanyID			DK16356706	
		schemeID		DK:CVR	
Contact					
	ID			23456	
	Name			Hugo Jensen	
	Telephone			15812337	
	ElectronicMail			Hugo@tavl.dk	
AccountingCustomerParty					
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	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	
LegalMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	

Class	Field	Attribute	Value	Note
		currencyID	DKK	

5.6.1.10 CreditNoteLine

Class	Field	Attribute	Value	Note
	ID		1	
	CreditedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
TaxTotal				
	TaxAmount		1250.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5000.00	
		currencyID	DKK	
	TaxAmount		1250.00	
		currencyID	DKK	
TaxCategory				
	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		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

5.6.1.11 CreditNoteLine

Class	Field	Attribute	Value	Note
	ID		2	
	CreditedQuantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
TaxTotal				
	TaxAmount		12.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		50.00	
		currencyID	DKK	
	TaxAmount		12.50	
		currencyID	DKK	
TaxCategory				
	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		Beslag	
	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

Invoice #2: (corrected invoice)

BASPRO_03_01_06_Invoice_B_v2p1.xml

5.6.1.12 Invoice

Class	Field	Attribute	Value	Note[12]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		A00095680	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oioubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
AccountingSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyTaxScheme				

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	CompanyID			DK16356706	
			schemeID	DK:SE	
TaxScheme					
	ID			63	
			schemeAgencyID	320	
			schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name			Moms	
PartyLegalEntity					
	RegistrationName			Tavleleverandøren	
	CompanyID			DK16356706	
			schemeID	DK:CVR	
Contact					
	ID			23456	
	Name			Hugo Jensen	
	Telephone			15812337	
	ElectronicMail			Hugo@tavl.dk	
AccountingCustomerParty					
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	
PartyLegalEntity					
	RegistrationName			Den Lille Skole	
	CompanyID			DK16356709	
			schemeID	DK:CVR	
Contact					
	ID			7778	

	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
Delivery				
	ActualDeliveryDate		2005-11-15	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2005-11-25	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		1234567890	
	PaymentNote		A00095680	
FinancialInstitutionBranch				
	ID		1234	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		5312.50	
		currencyID	DKK	
AllowanceCharge				
	ID		1	
	ChargeIndicator		false	
	AllowanceChargeReason		Aftalt rabat	
	MultiplierFactorNumeric		1	
	SequenceNumeric		1	
	Amount		800.00	
		currencyID	DKK	
	BaseAmount		800.00	
		currencyID	DKK	
TaxCategory				
	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	
TaxTotal				

	TaxAmount		1062.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		4250.00	
		currencyID	DKK	
	TaxAmount		1062.50	
		currencyID	DKK	
TaxCategory				
	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	
LegalMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1062.50	
		currencyID	DKK	
	TaxInclusiveAmount		5312.50	
		currencyID	DKK	
	AllowanceTotalAmount		800.00	
		currencyID	DKK	
	PayableAmount		5312.50	
		currencyID	DKK	

5.6.1.13 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
TaxTotal				
	TaxAmount		1250.00	
		currencyID	DKK	
TaxSubtotal				

Class	Field	Attribute	Value	Note
	TaxableAmount		5000.00	
		currencyID	DKK	
	TaxAmount		1250.00	
		currencyID	DKK	
TaxCategory				
	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		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

5.6.1.14 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		2	
	InvoicedQuantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
OrderLineReference				
	LineID		2	
TaxTotal				
	TaxAmount		12.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		50.00	
		currencyID	DKK	

	TaxAmount		12.50	
		currencyID	DKK	
TaxCategory				
	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		Beslag	
	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

The corresponding example instance files are provided as:

- BASPRO_03_01_06_Order_v2p1.xml

- BASPRO_03_01_06_OrderReponseSimple_v2p1.xml

- BASPRO_03_01_06_Invoice_v2p1.xml

- BASPRO_03_01_06_ApplicationResponse_v2p1.xml

- BASPRO_03_01_06_CreditNote_v2p1.xml

- BASPRO_03_01_06_Invoice_B_v2p1.xml

6. Procurement of a blackboard to a minor public school (no payment)

6.1 Scenario Summary

This scenario describes the case of a small Public School placing a single order of a standard item directly at a private supplier. The order is fulfilled and an invoice is sent. However the school, for some reason, forgets to pay the invoice and the supplier sends a reminder.

The order is initiated by one person at the School as a single order, directly to the supplier. The ordered items are standard items found in a catalogue, and can be identified using a unique item number.

The School is an example of small organization with only one department. The School is identified by a unique GLN location number.

After the school receives the reminder the issue is solved and the invoice is paid.

Scenario Characteristics

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

- One Order – One Order Response Simple – One delivery – One Invoice – One Reminder
- The Buyer Customer Party identifies the items based on a catalogue
- The Buyer Customer Party organization is small (one department)
- No need for Delivery Customer Party
- Buyer Customer Party becomes the Accounting Customer Party and Seller Supplier Party becomes the Accounting Supplier Party when invoicing
- The order is initiated by the Buyer Customer Party
- The order is sent directly to the supplier (no agent involved)
- The parties are capable of exchanging XML document instances (using their network provider)
- The trade item is a standard item identified by an item identification number
- The Invoice is sent to the Accounting Customer Party at the point of time where the goods are delivered
- The Accounting Customer Party forgets to paid the invoive
- The Accounting Supplier Party sends a reminder to the Accounting Customer Party
- The issue is solved by the Accounting Customer Party as the invoice is paid

6.2 Scenario Context

The context of this scenario does not include the following:

- Sourcing
- Fulfillment
- Payment

6.2.1 Document usage

The involved business documents are the following:

- Order

- Order Response Simple

- Invoice

- Reminder

6.2.2 Customer parties

The following examples of customer related business parties will be used throughout the rest of this scenario description:

Buyer Customer Party and Accounting Customer Party:

> Den Lille Skole
>
> Att. Hans Hansen
>
> Fredericiavej 10
>
> 3000 Helsingør
>
> GLN: 5798000416604
>
> CVR: 16356709

This is an example of a minor public school (a small public organization) with only one department involved in the procurement process. The school uses an ERP system which is capable of receiving and sending electronic documents.

6.2.3 Supplier parties

The following examples of supplier related business parties will be used throughout the rest of this scenario description:

Seller Supplier Party and Accounting Supplier Party:

> Tavleleverandøren
>
> Att. Hugo Jensen
>
> Leverandørvej 11
>
> 2870 Dyssegård
>
> CVR: 16356706

This is an example of a private company with only one department involved in the procurement process. The company uses an ERP system which is capable of receiving and sending electronic documents.

6.3 Scenario Activity Diagram

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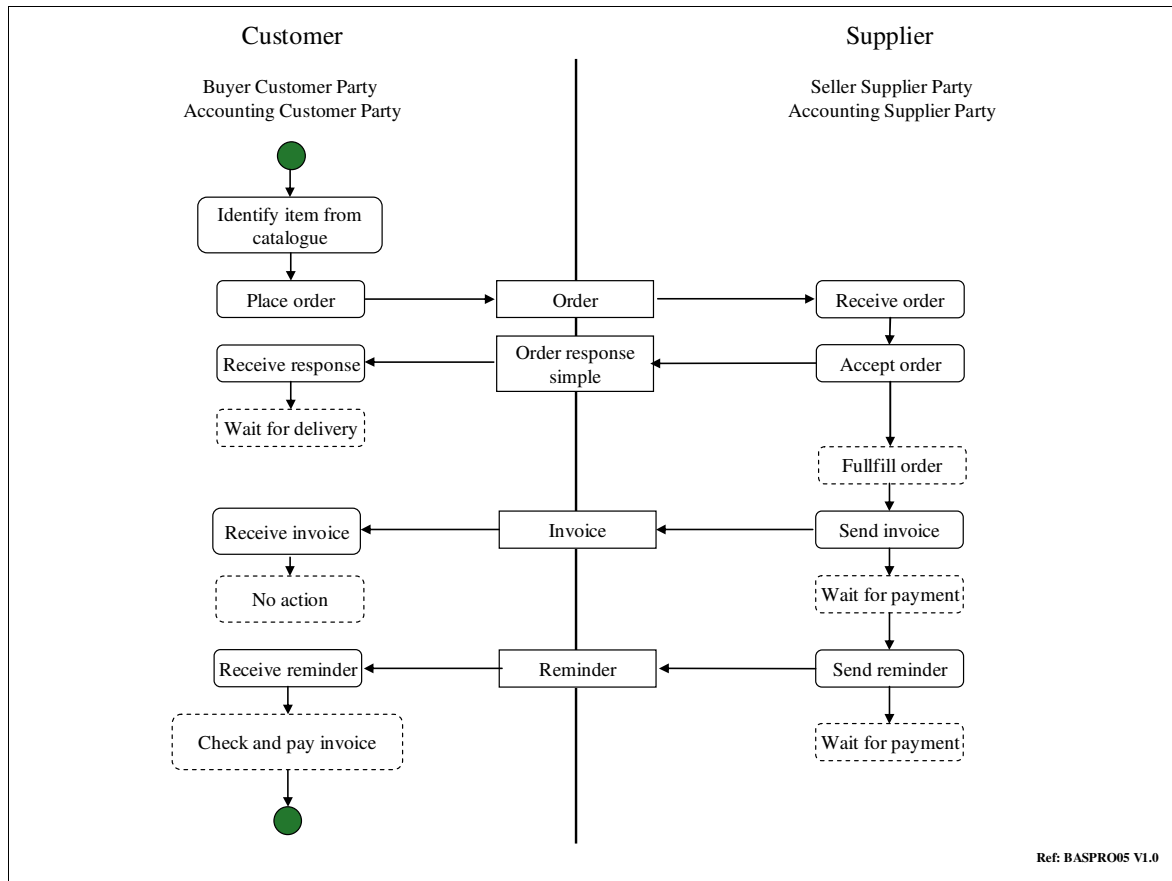

Customer	Supplier
Buyer Customer Party Accounting Customer Party	Seller Supplier Party Accounting Supplier Party

Identify item from catalogue

Place order → Order → Receive order

Receive response ← Order response simple ← Accept order

Wait for delivery

Fullfill order

Receive invoice ← Invoice ← Send invoice

No action

Wait for payment

Receive reminder ← Reminder ← Send reminder

Check and pay invoice

Wait for payment

Ref: BASPRO05 V1.0

Figure 8

6.4 Detailed description of primary activities

Below you will find a description of each of the primary activities shown in the activity diagrams (figure 8). A primary activity is an activity that is inside the scope of this scenario description and also considered external (not an internal process).

6.4.1 Identify Item from catalogue

The Buyer Customer Party identifies the items to order from a catalogue. This means that only standard items and items with an item number can be ordered. The catalogue could be either paper based or electronic.

6.4.2 Place order

Basically the Buyer Customer Party needs to produce one instance of the Order document and send it to the Seller Supplier Party. This can be done directly from within the Buyer Customer Party's ERP system. The Process can be more or less automated. The document instance will be delivered to the Seller Supplier Party using an appropriate network provider. The Order must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number
- Contact Reference at Buyer Customer Party
- Accounting Cost number (option)
- GLN Location Number of the Buyer Customer Party's Organization
- Legal entity of the Buyer Customer Party's Organization
- ID of Seller Supplier Party's Organization
- Item Number of the ordered item(s) known to the Seller Supplier Party

6.4.3 Receive order

The Seller Supplier Party receives the Order electronically from his network provider. This process can be more or less automated.

6.4.4 Accept order

The Seller Supplier Party needs to verify whether it can deliver the order which is always the case in this scenario. When accepting the Order the Seller Supplier Party produces one instance of the Order Response Simple document and returns it to the Buyer Customer Party. Observe that this is a mandatory action even in this simple scenario. The Order Response Simple must contain a number of key Business Information Identities:

- Code for accepting the whole order
- A reference to the originating order

6.4.5 Receive response

The Buyer Customer Party receives the Order Response electronically from his network provider. This process can be more or less automated. The Buyer Customer Party should check if the order is accepted, and if the correct order is referenced. In this scenario there will be match.

6.4.6 Send invoice

The Accounting Supplier Party produces one instance of the Invoice document and sends it to the Accounting Customer Party. In this scenario the Invoice is sent when the goods are delivered. The Invoice must contain a number of key Business Information Identities:

- Buyer Customer Party's Order Number
- Contact Reference at Buyer Customer Party
- GLN Location Number of the Buyer Customer Party's Organization
- Legal entity of the Accounting Customer Party's Organization
- ID of Accounting Supplier Party's Organization

6.4.7 Receive invoice

The Accounting Customer Party receives the Invoice electronically from its network provider. This process can be more or less automated. The Accounting Customer Party should check whether the Invoice is accepted and if the correct order is referenced. However in this scenario the invoice is disappearing and no action is taking.

6.4.8 Send reminder

The Accounting Supplier Party produces one reminder document and sends it to the Accounting Customer Party.

6.4.9 Receive reminder

The Accounting Customer Party receives the reminder electronically from its network provider. This process can be more or less automated. The Accounting Customer Party realizes that he has forgotten to pay the invoice, and it is paid immediately.

6.5 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 your internal processes.

6.5.1 Buyer Customer Party and Accounting Customer Party

6.5.1.1 Check order response against ordered

When the Buyer Customer Party receives the Order Response it automatically triggers the following:

- An automated match with the initiating Order (based on the order reference)

- An automated creation of a corresponding record (object) in the Buyer Customer Party's internal IT system for goods receivables

- Optionally create a record in the Buyer Customer Party's internal IT system for invoice matching

6.5.2 Seller Supplier Party and Accounting Supplier Party

6.5.2.1 General benefits

The whole process is automated.

6.6 Examples

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

6.6.1 Example 6.1

Hans Hansen who is employed at a small public school wants to buy a blackboard. This means that the following steps are performed:

1. Hans finds the blackboard in their suppliers paper based catalogue and places the order.

2. The supplier recognizes that they have the blackboard on stock and sends an accepting order response immediately.

3. Hans matches the order response against the order and notifies that the order is in process.

4. The supplier sends the blackboard by mail to the public school.

5. Hans receives the blackboard. He finds the matching order and approves the delivery.

6. The day after the public school receives an electronic invoice with attention to Hans.

7. Hans matches the invoice with the order but for some reason the invoice is disappearing and no action is taking

8. After the payment due date Hugo Jensen at Tavleleverandøren sends a reminder with attention to Hans.

9. Hans receives the reminder, and finds the invoice.

10. The invoice is then ready for payment.

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

Order:

BASPRO_04_01_08_Order_v2p1.xml

6.6.1.1 Order

Class	Field	Attribute	Value	Note[13]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		5002701	
	CopyIndicator		false	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
BuyerCustomerParty				
Party				
	EndpointID		5798000416604	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				

---

[13]

	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		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	

Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2005-11-15	
	EndDate		2005-11-15	
TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	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	
AnticipatedMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	
		currencyID	DKK	

6.6.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	

Class	Field	Attribute	Value	Note
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	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 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		2	
	Quantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Beslag	

	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	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	

OrderResponseSimple:

BASPRO_04_01_08_OrderReponseSimple_v2p1.xml

6.6.1.4 OrderResponseSimple

Class	Field	Attribute	Value	Note[14]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		65830	
	CopyIndicator		false	
	UUID		9756b4ac-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-02	
	AcceptedIndicator		true	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
SellerSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				

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	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
BuyerCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	

Invoice:

BASPRO_04_01_08_Invoice_v2p1.xml

6.6.1.5 Invoice

Class	Field	Attribute	Value	Note[15]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oioubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
AccountingSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	

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		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK16356706	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
AccountingCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
Delivery				
	ActualDeliveryDate		2005-11-15	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2005-11-25	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		1234567890	
	PaymentNote		A00095678	
FinancialInstitutionBranch				
	ID		1234	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		6312.50	
		currencyID	DKK	
TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	

Class	Field	Attribute	Value	Note
		currencyID	DKK	
TaxCategory				
	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	
LegalMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	
		currencyID	DKK	

6.6.1.6 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		5000.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
TaxTotal				
	TaxAmount		1250.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5000.00	
		currencyID	DKK	
	TaxAmount		1250.00	
		currencyID	DKK	
TaxCategory				
	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		Hejsetavle	
	Name		Hejsetavle	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		5000.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

6.6.1.7 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		2	
	InvoicedQuantity		2.00	
		unitCode	EA	
	LineExtensionAmount		50.00	
		currencyID	DKK	
OrderLineReference				
	LineID		2	
TaxTotal				
	TaxAmount		12.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		50.00	
		currencyID	DKK	
	TaxAmount		12.50	
		currencyID	DKK	
TaxCategory				
	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		Beslag	
	Name		Beslag	
SellersItemIdentification				
	ID		5712345780111	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		25.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

Reminder:

BASPRO_04_01_08_Reminder_v2p1.xml

6.6.1.8 Reminder

Class	Field	Attribute	Value	Note[16]
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b55c-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-15	
	ReminderTypeCode		Advis	
		listAgencyID	320	
		listID	urn:oioubl.codelist:remindertypecode-1.1	
	ReminderSequenceNumeric		1	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
ReminderPeriod				
	StartDate		2005-11-15	

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	EndDate		2005-12-15	
AccountingSupplierParty				
Party				
	EndpointID		DK16356706	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK16356706	
		schemeID	DK:CVR	
PartyName				
	Name		Tavleverandøren	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Leverandørvej	
	BuildingNumber		11	
	CityName		Dyssegård	
	PostalZone		2870	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK16356706	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Hugo Jensen	
	Telephone		15812337	
	ElectronicMail		Hugo@tavl.dk	
AccountingCustomerParty				
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	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Hans Hansen	
	Telephone		26532147	
	ElectronicMail		Hans@dls.dk	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2005-11-25	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		1234567890	
	PaymentNote		A00095678	
FinancialInstitutionBranch				
	ID		1234	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		6312.50	
		currencyID	DKK	

TaxTotal				
	TaxAmount		1262.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		5050.00	
		currencyID	DKK	
	TaxAmount		1262.50	
		currencyID	DKK	
TaxCategory				
	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	
LegalMonetaryTotal				
	LineExtensionAmount		5050.00	
		currencyID	DKK	
	TaxExclusiveAmount		1262.50	
		currencyID	DKK	
	TaxInclusiveAmount		6312.50	
		currencyID	DKK	
	PayableAmount		6312.50	
		currencyID	DKK	

6.6.1.9 ReminderLine

Class	Field	Attribute	Value	Note
	ID		1	
	DebitLineAmount		6312.50	
		currencyID	DKK	
BillingReference				
InvoiceDocumentReference				
	ID		A00095678	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	

The corresponding example instance files are provided as:

- BASPRO_04_01_08_Order_v2p1.xml

- BASPRO_04_01_08_OrderReponseSimple_v2p1.xml
- BASPRO_04_01_08_Invoice_v2p1.xml
- BASPRO_04_01_08_Reminder_v2p1.xml