



**National IT and Telecom Agency**

Ministry of Science  
Technology and Innovation

# OIOUBL Scenario description

## OIOUBL Complex Delivery Procurement Cycle

Scenario Package: COMDEL

Version 1.1

UBL 2.0



## Document History

### Revision History

Revision Number	Revision Date	Summary of Changes	Author	Changes marked
WD 0.1	29. December 2005	First Draft Version (based on UBL 2.0 draft)	CPH	No
WD 0.2	20. January 2006	UBL 2.0 working draft 15	CPH	No
WD 0.3	28. February 2006	Corrected Party definitions in scenarios, added tax and implemented most review comments from Internal review.	AL	No
WD 0.4	16. Marts	Implemented review comments from Internal review.	AL	No
WD 0.5	18. August 2006	Working Draft 5	FLB	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

### Editors

Name	Initials	Company	Email
Peter L. Borresen	PLB	Danish National IT and Telecom Agency	plb@itst.dk
Christian Petø Høien	CPH	EDImatic A/S	
Finn Christensen	FC	mySupply ApS	
Flemming Beltoft	FLB	mySupply ApS	
Alan Lemming	AL	WMDData A/S	

## Publication restrictions

This document is protected by Creative Common Attribution 2.5. You are free:

- to copy, distribute, display, and perform the work
- to make derivative works
- to make commercial use of the work

as long as you specific refer the origin of the work to this document and write "Publish with attribution to the Danish National IT and Telecom Agency" before the first chapter or section of the publication.

Read more about Creative Common Attribution Deed on <http://creativecommons.org/licenses/by-sa/2.5/deed.en>.

---

## Contents

1.	Introduction.....	7
1.1	Purpose and target audience.....	7
1.2	Key to using this document.....	7
1.3	Prerequisites.....	8
1.4	References.....	8
2.	OIOUBL Complex Delivery Procurement Cycle definition.....	9
2.1	Scope.....	9
2.1.1	Actors.....	9
2.1.2	Involved business documents.....	9
2.1.3	Limitations.....	10
2.2	The usage of OIOUBL profiles.....	10
2.3	Covered Scenarios.....	13
3.	Procurement of fruit to a university administration office.....	14
3.1	Scenario Summary.....	14
3.2	Scenario Characteristics.....	14
3.3	Scenario Context.....	14
3.3.1	Document usage.....	14
3.3.2	Customer parties.....	15
3.3.3	Supplier parties.....	15
3.4	Scenario Activity Diagram.....	16
3.5	Detailed description of primary activities.....	16
3.5.1	Identify goods from catalogue.....	16
3.5.2	Place order.....	16
3.5.3	Receive order.....	17
3.5.4	Accept order.....	17
3.5.5	Receive response.....	17
3.5.6	Send invoice.....	17
3.5.7	Receive invoice.....	17
3.6	Internal processes and eBusiness benefits.....	18
3.6.1	Buyer Customer Party.....	18
3.6.2	Seller Supplier Party.....	18
3.7	Examples.....	18
3.7.1	Example 3.1.....	18
4.	Procurement of wheelchairs to citizens of a municipality.....	29
4.1	Scenario Summary.....	29
4.2	Scenario Characteristics.....	29
4.3	Scenario Context.....	29

## OIOUBL Complex Delivery Procurement Cycle

---

4.3.1	Document usage.....	30
4.3.2	Customer parties .....	30
4.3.3	Supplier parties .....	31
	Scenario Activity Diagram.....	32
4.4	Detailed description of primary activities.....	32
4.4.1	Identify goods from catalogue.....	32
4.4.2	Place order.....	33
4.4.3	Receive order.....	33
4.4.4	Accept order.....	33
4.4.5	Receive response .....	33
4.4.6	Send invoice .....	33
4.4.7	Receive invoice.....	34
4.5	Internal processes and eBusiness benefits .....	34
4.5.1	Buyer Customer Party .....	34
4.5.2	Seller Supplier Party .....	34
4.6	Examples .....	34
4.6.1	Example 4.1 .....	35
5.	Procurement of fruit to a university administration office – one delivery not accepted.....	53
5.1	Scenario Summary.....	53
5.2	Scenario Characteristics .....	53
5.3	Scenario Context.....	53
5.3.1	Document usage.....	53
5.3.2	Customer parties .....	54
5.3.3	Supplier parties .....	54
5.4	Scenario Activity Diagram.....	54
5.5	Detailed description of primary activities.....	55
5.5.1	Identify goods from catalogue.....	55
5.5.2	Place order.....	55
5.5.3	Receive order.....	56
5.5.4	Accept order.....	56
5.5.5	Receive response .....	56
5.5.6	Send invoice .....	56
5.5.7	Receive invoice.....	56
5.6	Internal processes and eBusiness benefits .....	56
5.6.1	Buyer Customer Party .....	57
5.6.2	Seller Supplier Party .....	57
5.7	Examples .....	57
5.7.1	Example 5.1 .....	57

6. Procurement of wheelchairs to citizens of a municipality – one delivery not delivered in time ..... 70

6.1 Scenario Summary.....70

6.2 Scenario Characteristics .....70

6.3 Scenario Context.....71

6.3.1 Document usage.....71

6.3.2 Customer parties .....71

6.3.3 Supplier parties .....72

6.4 Scenario Activity Diagram.....72

6.5 Detailed description of primary activities.....73

6.5.1 Identify goods from catalogue.....73

6.5.2 Place order.....73

6.5.3 Receive order.....74

6.5.4 Accept order.....74

6.5.5 Receive response .....74

6.5.6 Send invoice .....74

6.5.7 Receive invoice.....74

6.6 Internal processes and eBusiness benefits .....74

6.6.1 Buyer Customer Party and Accounting Customer Party .....75

6.6.2 Seller Supplier Party and Accounting Supplier Party .....75

6.7 Examples .....75

6.7.1 Example 6.1 .....75

## 1. Introduction

This document describes business scenarios related to the OIOUBL Complex Delivery 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 Complex Delivery 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 Complex Delivery Procurement Cycle definition

---

### 2.1 Scope

In the OIOUBL Complex Delivery Procurement Cycle a public organization purchases trade items with several deliveries on the basis of one single order. The complexity of this procurement cycle originates in the amount of deliveries – over time or to different locations.

- One order can trigger a continuous string of trade items to be delivered for instance once a week on the same location
- One order can trigger a delivery of trade items to a number of locations for instance to citizens of a municipality

It must be emphasized that the complexity in focus in this scenario package relates to the deliveries and therefore not to the complexity of the ordering organization – even though a public organization is indeed a complex entity. This subject is covered in the COMORG scenario package.

This document describes the different ways in which the OIOUBL Complex Delivery Procurement Cycle can be archived by utilizing the UBL 2.0 framework. The following issues are covered:

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

To simplify this scenario package the sales items are limited to items that can be identified with an item number.

#### 2.1.1 Actors

In the Complex Delivery Procurement Cycle business parties (or actors) are limited to the following:

- Customer and Supplier
- Customer can play different roles (Customer, Delivery and Accounting) and may vary from the originator
- Customer can be both a national agency or organization and a private company
- Supplier can play different roles (Supplier, Despatch and Accounting)

#### 2.1.2 Involved business documents

The involved business documents are limited to:

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

- Application Response

## 2.1.3 Limitations

The following business processes are not covered in this document:

- Sourcing
- Fulfillment
- Payment

## 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 Complex Delivery Procurement Cycle uses the following OIOUBL profiles:

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

The overall business process is shown in figure 1 below.

## OIOUBL Complex Delivery Procurement Cycle

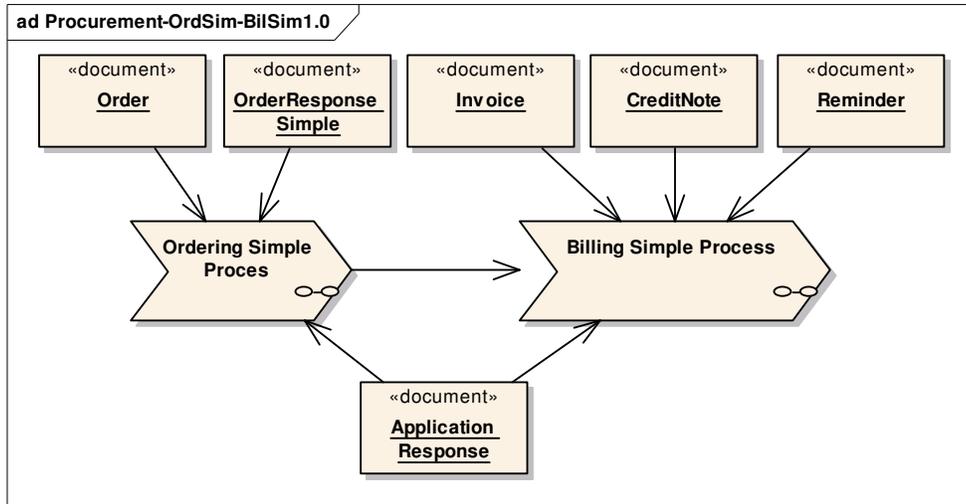


Figure 1

The OrderingSimpleToBillingSimple profile contains the following business processes:

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

The OrderingSimpleR process is shown in figure 2 below:

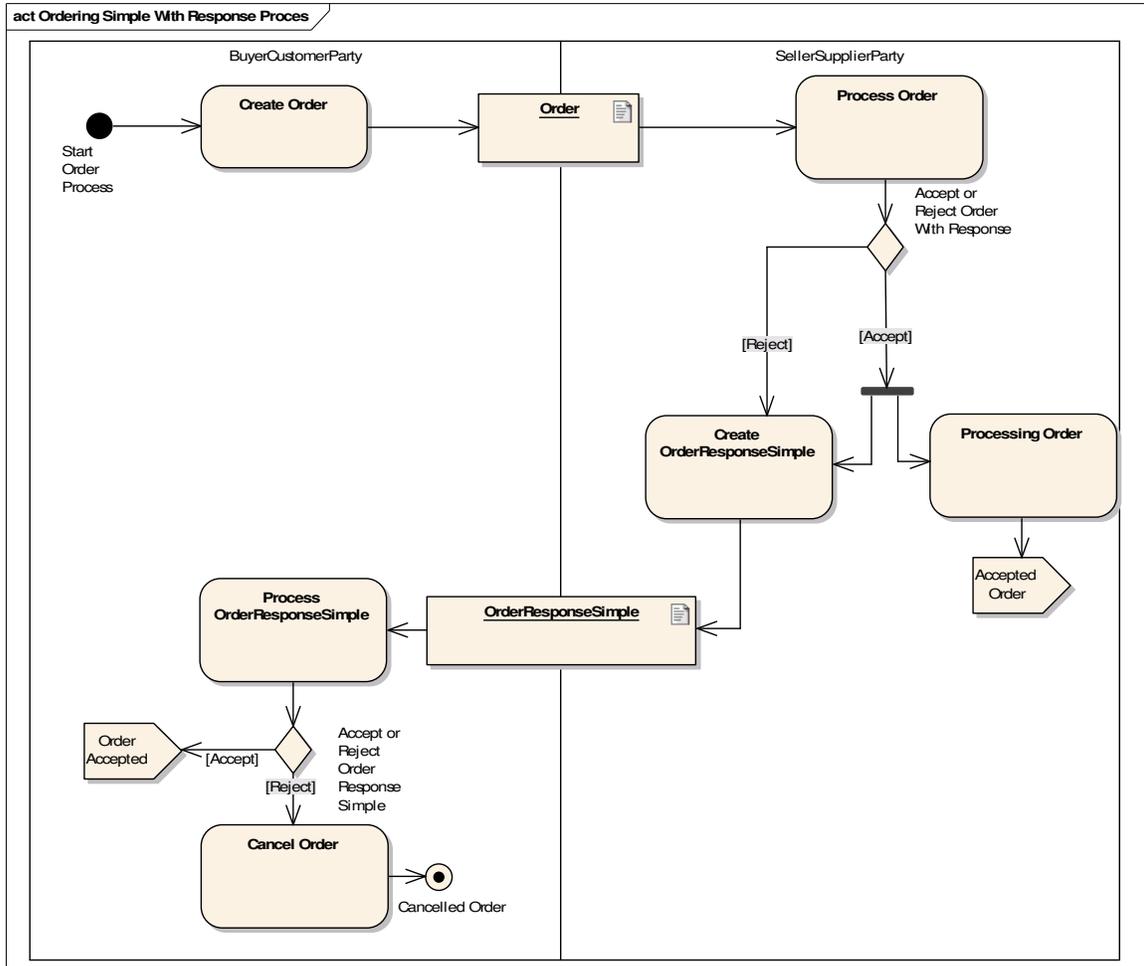


Figure 2, The OrderingSimpleR process.

The BillingSimple process is shown in figure 3 below:

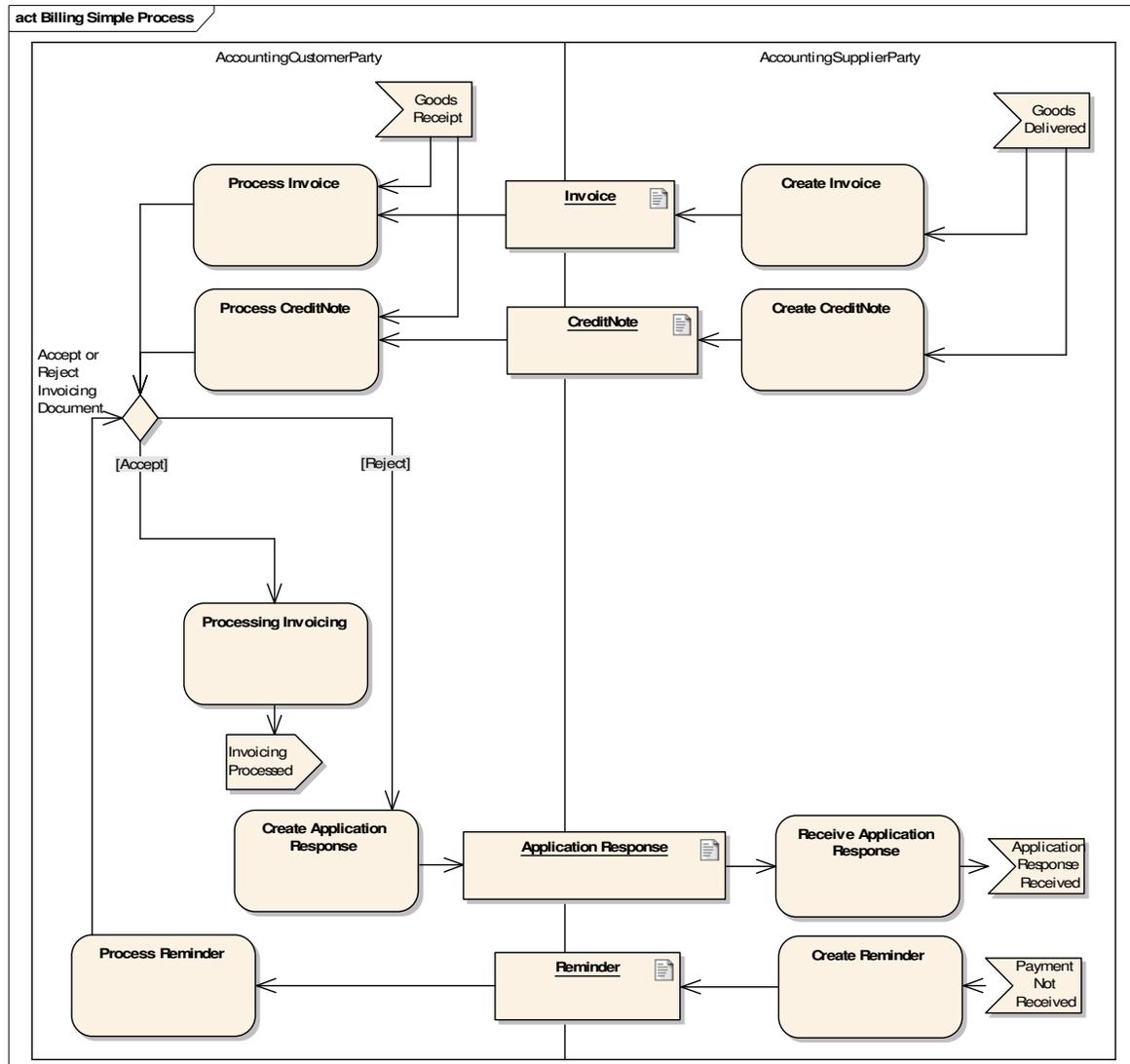


Figure 3, The BillingSimple process.

## 2.3 Covered Scenarios

For the Complex Delivery Procurement Cycle a number of different scenarios are defined and described into more detail. A scenario reflects a fixed set of characteristics inside the defined scope. The following scenarios are described in this document:

Chapter	Scenario title	Description
3	Procurement of fruit delivered to a university administration office	The happy day scenario
4	Procurement of wheelchairs delivered to citizens of a municipality	The happy day scenario
5	Procurement of fruit delivered to an university administration office where one delivery is not accepted	Delivery failure
6	Procurement of wheelchairs delivered to citizens of a municipality where one delivery is not delivered on time	Delivery failure

## 3. Procurement of fruit to a university administration office

---

### 3.1 Scenario Summary

This scenario describes the happy day variant of a catalogue-based procurement process for fruit at a university administration office in which a single order for standard goods is placed. The complexity of this procurement process is caused by a continuous string of deliveries to the same location originating from only one order. For instance, a basket of fruit could be delivered to the university administration office once every week.

This scenario describes the happy day variant.

---

### 3.2 Scenario Characteristics

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

- The university administration office plays the role as the Buyer Customer Party
  - There is no need for a Delivery Customer Party as the university administration office constitutes both Buyer Customer Party and Delivery Customer Party
  - A private supplier plays the role as the Seller Supplier Party
  - All involved parties are capable of exchanging XML document instances using a network provider
  - The Buyer Customer Party identifies the goods to be ordered in a catalogue
  - The goods are standard goods identified by unique identification numbers
  - One order → one order response simple → many deliveries → many invoices
  - An invoice is sent to the Accounting Customer Party after each delivery
  - 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 following business documents are used within this scenario:

- Order
- Order Response Simple
- Invoice

### **3.3.2 Customer parties**

#### **Buyer Customer Party and Accounting Customer Party:**

Københavns Universitet  
Uddannelsesadministration  
Att. Kim Kristoffersen  
Fiolstræde 22  
1171 København K  
GLN: 5798000700814  
CVR: 38633435

This is an example of a university administration office within the University of Copenhagen. The office uses an ERP system capable of sending electronic orders and receiving order responses and invoices. The Buyer Customer Party is identified using a standard GLN location number.

Despite the organizational complexity of a university this scenario has been simplified in order to focus on the issue at hand – the complexity of deliveries. Kim Kristoffersen will therefore handle tasks related to the procurement process that in the real world would be fulfilled by other actors within the university administration.

### **3.3.3 Supplier parties**

#### **Seller Supplier Party and Accounting Supplier Party:**

Aarstiderne  
Att. Rita Hemmingsen  
Barritskovvej 34  
7150 Barrit  
CVR: 12542976

This is an example of a private fruit supplier. The supplier uses an ERP system capable of receiving electronic orders and sending order responses and invoices. The Seller Party is identified using a unique Company identification number (CVR).

### 3.4 Scenario Activity Diagram

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

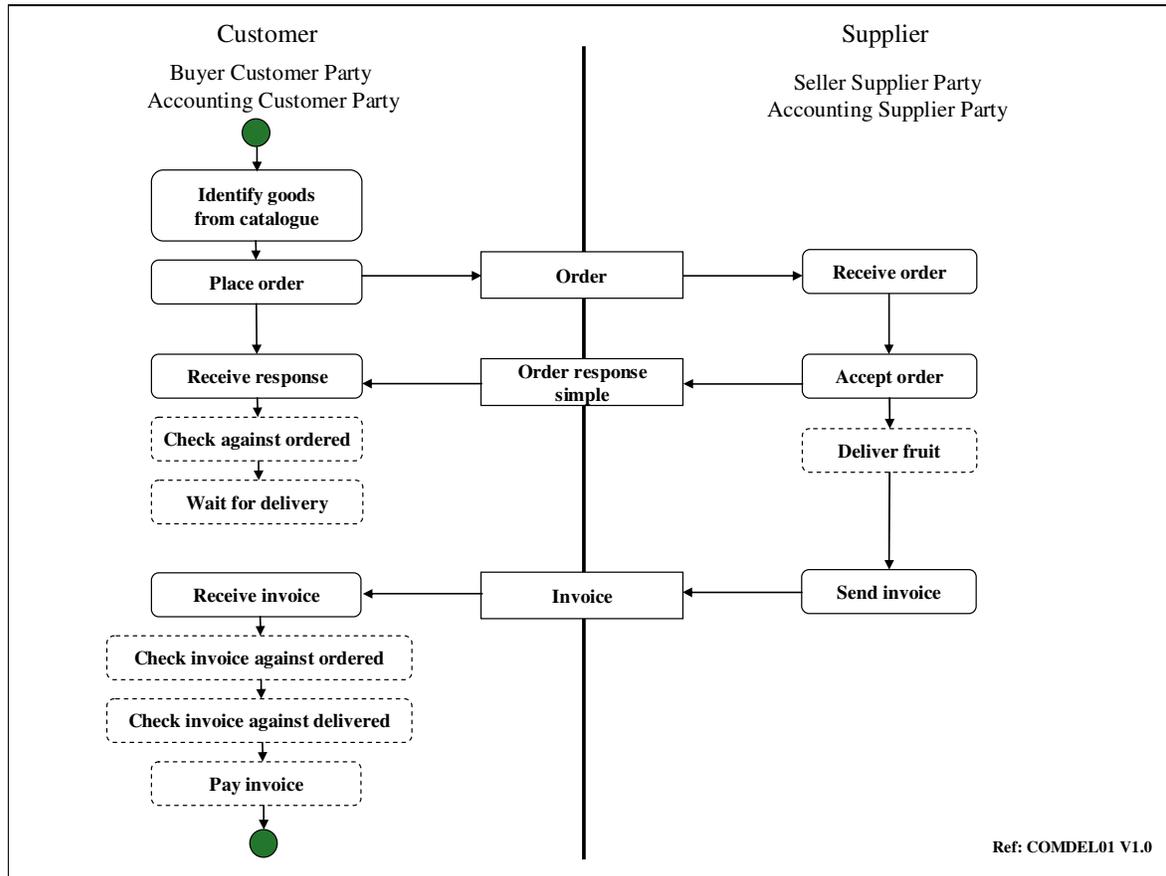


Figure 4

### 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 this scenario description and also considered to be external (not an internal process).

#### 3.5.1 Identify goods from catalogue

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

#### 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 and the process can be more or less automated. The document will be delivered to the Seller Supplier Party using a 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
- 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 goods 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 goods specified in the order (which is always the case in this happy day 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:

- A reference to the initiating order
- A code for accepting the entire 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 by the Seller Supplier Party and if the reference to the initiating order is correct. In this scenario these two questions will never pose a problem.

### **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 an invoice is sent subsequently to every delivery. 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 Customer Party's organization

### **3.5.7 Receive invoice**

The Accounting Customer Party receives the invoice electronically from its network provider. Prior to the payment of the invoice the Accounting Customer Party should check it against the ordered and delivered goods. This process can be more or less automated.

### 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 Compare order response with order

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

- An automated check for rejection code
- 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
- An optional creation of a record (object) in the Buyer Customer Party's internal IT system for subsequent invoice matching

##### 3.6.1.2 Compare invoice with order

At the time the invoice arrives at the Buyer Customer Party it is automatically checked against the order.

#### 3.6.2 Seller Supplier Party

##### 3.6.2.1 General benefits

The benefits for the Seller Supplier Party are actually tied together with the automated invoice matching process at the Buyer Customer Party. This should ensure a short timeframe from the actual 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

Kim Kristoffersen is employed at the University of Copenhagen in the education administration office. He has been appointed to find a fruit supplier who can deliver a basket of fruit to the administration office once a week.

This means that the following steps are performed:

1. Kim finds the desired fruit basket in Aarstiderne's catalogue and places the order
2. Aarstiderne accepts the order and therefore returns an accepting order response immediately
3. Kim matches the order response with the order and awaits the first delivery
4. Aarstiderne sends a fruit basket by carrier to the education administration office.
5. The day after the education administration office receives an electronic invoice addressed to Kim
6. Kim matches the invoice with the initiation order and approves it

## OIOUBL Complex Delivery Procurement Cycle

7. 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:**

COMDEL\_01\_01\_00\_Order\_v2p1.xml

**3.7.1.1 Order**

Class	Field	Attribute	Value	Note <sup>1</sup>
	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	
BuyerCustomerParty				
Party				
	EndpointID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Københavns Universitet - Uddannelsesadministration	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fiolstræde	
	BuildingNumber		22	
	CityName		København K	
	PostalZone		1171	
Country				

<sup>1</sup>

## OIOUBL Complex Delivery Procurement Cycle

	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Københavns Universitet - Uddannelsesadministration	
	CompanyID		DK38633435	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Kim Kristoffersen	
	Telephone		35322626	
	ElectronicMail		kk@kua.dk	
SellerSupplierParty				
Party				
	EndpointID		DK12542976	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK12542976	
		schemeID	DK:CVR	
PartyName				
	Name		Aarstiderne	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Barritskovvej	
	BuildingNumber		34	
	CityName		Barrit	
	PostalZone		7150	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Rita Hemmingsen	
	Telephone		70260066	
	ElectronicMail		rh@aarstid.dk	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2005-12-19	
	EndDate		2006-12-19	
	Description		Et års levering af frugtkurv en gang pr uge	
TaxTotal				
	TaxAmount		97.00	
		currencyID	DKK	

## OIOUBL Complex Delivery Procurement Cycle

TaxSubtotal			
	TaxableAmount		388.00
		currencyID	DKK
	TaxAmount		97.00
		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
AnticipatedMonetaryTotal			
	LineExtensionAmount		388.00
		currencyID	DKK
	TaxExclusiveAmount		97.00
		currencyID	DKK
	TaxInclusiveAmount		485.00
		currencyID	DKK
	PayableAmount		485.00
		currencyID	DKK

### 3.7.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		388.00	
		currencyID	DKK	
Price				
	PriceAmount		388.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Frugtkurv - stor	
	Name		Frugtkurv - stor	

## OIOUBL Complex Delivery Procurement Cycle

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	

### OrderResponseSimple:

COMDEL\_01\_01\_00\_OrderResponseSimple\_v2p1.xml

#### 3.7.1.3 OrderResponseSimple

Class	Field	Attribute	Value	Note <sup>2</sup>
	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		2005-12-09	
	AcceptedIndicator		true	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-08	
SellerSupplierParty				
Party				
	EndpointID		DK12542976	
		schemeID	DK:CVR	
PartyIdentification				

<sup>2</sup>

## OIOUBL Complex Delivery Procurement Cycle

	ID		DK12542976	
		schemeID	DK:CVR	
PartyName				
	Name		Aarstiderne	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Barritskovvej	
	BuildingNumber		34	
	CityName		Barrit	
	PostalZone		7150	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Aarstiderne	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Rita Hemmingsen	
	Telephone		70260066	
	ElectronicMail		rh@aarstid.dk	
BuyerCustomerParty				
Party				
	EndpointID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Københavns Universitet - Uddannelsesadministration	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Fiolstræde	
	BuildingNumber		22	
	CityName		København K	
	PostalZone		1171	
Country				

## OIOUBL Complex Delivery Procurement Cycle

	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Københavns Universitet - Uddannelsesadministration	
	CompanyID		DK38633435	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Kim Kristoffersen	
	Telephone		35322626	
	ElectronicMail		kk@kua.dk	

**Invoice:**

COMDEL\_01\_01\_00\_Invoice\_v2p1.xml

**3.7.1.4 Invoice**

Class	Field	Attribute	Value	Note <sup>3</sup>
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:profileid-1.1	
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-22	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oiubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-08	
AccountingSupplierParty				
Party				
	EndpointID		DK12542976	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK12542976	

3

## OIOUBL Complex Delivery Procurement Cycle

		schemeID	DK:CVR	
PartyName				
	Name		Aarstiderne	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Barritskovvej	
	BuildingNumber		34	
	CityName		Barrit	
	PostalZone		7150	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK12542976	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Aarstiderne	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Rita Hemmingsen	
	Telephone		70260066	
	ElectronicMail		rh@aarstid.dk	
AccountingCustomerParty				
Party				
	EndpointID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Københavns Universitet - Uddannelsesadministration	
PostalAddress				

## OIOUBL Complex Delivery Procurement Cycle

	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fiolstræde	
	BuildingNumber		22	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Københavns Universitet - Uddannelsesadministration	
	CompanyID		DK38633435	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Kim Kristoffersen	
	Telephone		35322626	
	ElectronicMail		kk@kua.dk	
Delivery				
	ActualDeliveryDate		2006-04-15	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2005-12-25	
	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		485.00	
		currencyID	DKK	
TaxTotal				
	TaxAmount		97.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		388.00	

## OIOUBL Complex Delivery Procurement Cycle

		currencyID	DKK	
	TaxAmount		97.00	
		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	
LegalMonetaryTotal				
	LineExtensionAmount		388.00	
		currencyID	DKK	
	TaxExclusiveAmount		97.00	
		currencyID	DKK	
	TaxInclusiveAmount		485.00	
		currencyID	DKK	
	PayableAmount		485.00	
		currencyID	DKK	

### 3.7.1.5 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		388.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
TaxTotal				
	TaxAmount		97.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		388.00	
		currencyID	DKK	
	TaxAmount		97.00	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	

## OIOUBL Complex Delivery Procurement Cycle

		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		Frugtkurv - stor	
	Name		Frugtkurv - stor	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		388.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

The corresponding example instance files are provided as:

- COMDEL\_01\_01\_00\_Order\_v2p1.xml
- COMDEL\_01\_01\_00\_OrderResponseSimple\_v2p1.xml
- COMDEL\_01\_01\_00\_Invoice\_v2p1.xml

## 4. Procurement of wheelchairs to citizens of a municipality

---

### 4.1 Scenario Summary

This scenario describes the happy day variant of a catalogue-based procurement process at a highly complex level. The complexity is caused by the delivery of wheelchairs from a private supplier to citizens within a municipality. Furthermore, the number of parties involved and the interrelationship between them also increase the complexity.

The actual setting of this scenario originates in misfortune of a young citizen. A boy falls down from a tree and breaks one of his legs. He is therefore rushed to the emergency room of the county hospital to which the municipality is attached. At the hospital the boy receives treatment and borrows a wheelchair during his admission.

On the basis of an assessment carried out by the medical staff at admission a request for a wheelchair is sent to the aid and appliance centre of the county. The assessment states that the boy needs a wheelchair delivered at home after being discharged from the hospital. As a footnote it is worth mentioning that the business functions of an aid and appliance centre in Denmark in many cases has been outsourced to private companies.

The hospital receives a notice from the aid and appliance centre that they only have a few wheelchairs to children on stock. These wheelchairs are to be dispatched to other patients and furthermore the centre has already received more requests for children wheelchairs. Therefore, new ones have to be ordered at a private supplier and subsequently dispatched to citizens in municipalities within the county. One of the wheelchairs ordered will be shipped to the aid and appliance centre whereas others are to be delivered directly to citizens' addresses in order to avoid any further delay.

This scenario describes the happy day variant.

### 4.2 Scenario Characteristics

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

- The process is initiated by health personnel at a hospital (Originator Customer Party)
- An aid and appliances centre plays the role as Buyer Customer Party
- A private supplier plays the role as Seller Supplier Party
- The citizens in need of wheelchairs is specified by Delivery Addresses
- Buyer Customer and Seller Supplier party are capable of exchanging XML document instances using a network provider
- The Buyer Customer Party identifies the goods to be ordered in a catalogue
- The goods are standard goods identified by unique identification numbers
- One order → one order response simple → many deliveries → one invoice
- An invoice is sent to the Accounting Customer Party after the deliveries. A number of wheelchairs will be delivered directly to the citizens whereas one will be delivered to the aid and appliance centre
- This is the happy day scenario

### 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
- Invoice

### **4.3.2 Customer parties**

#### **Buyer Customer Party and Accounting Customer Party:**

Falck Hjælpebidler A/S  
Att. Diane Birk  
Grydevang 2D  
3450 Allerød  
GLN: 5790001103736  
CVR: 886665533

This is an example of a private company fulfilling the role as the aid and appliance centre responsible for the county Frederiksborg Amt. The company uses an ERP system capable of sending electronic orders and receiving electronic order responses and invoices. The Party is identified with a standard GLN location number. The private citizens are identified as Delivery Addresses.

#### **Delivery Addresses:**

Peter Jørgensen  
Rådyrvej 14  
3400 Hillerød  
CPR: 1204970000

Janni Andersen  
Solvangen 102  
3400 Hillerød  
CPR: 2801940000

Per Damsgaard  
Ryvang 22, 2. th.  
3450 Allerød  
CPR: 2012970000

### **4.3.3 Supplier parties**

**Seller Supplier and Accounting Supplier Party:**

Revacenter BOMI  
Att. Bodil Skarv  
Viborgvej 7  
7800 Skive  
GLN: 5798003041308

This is an example of a private wheelchair supplier. The Seller Supplier Party uses an ERP system capable of receiving electronic orders and sending order responses and invoices. The Seller Party is identified with a standard GLN location number.

## 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.

The Originator Customer Party has not been included in diagram below as the focus of this scenario is not on the complexity of the ordering organization but on the complexity of the deliveries. Furthermore, the Originator Customer Party will not be part of the example in this scenario.

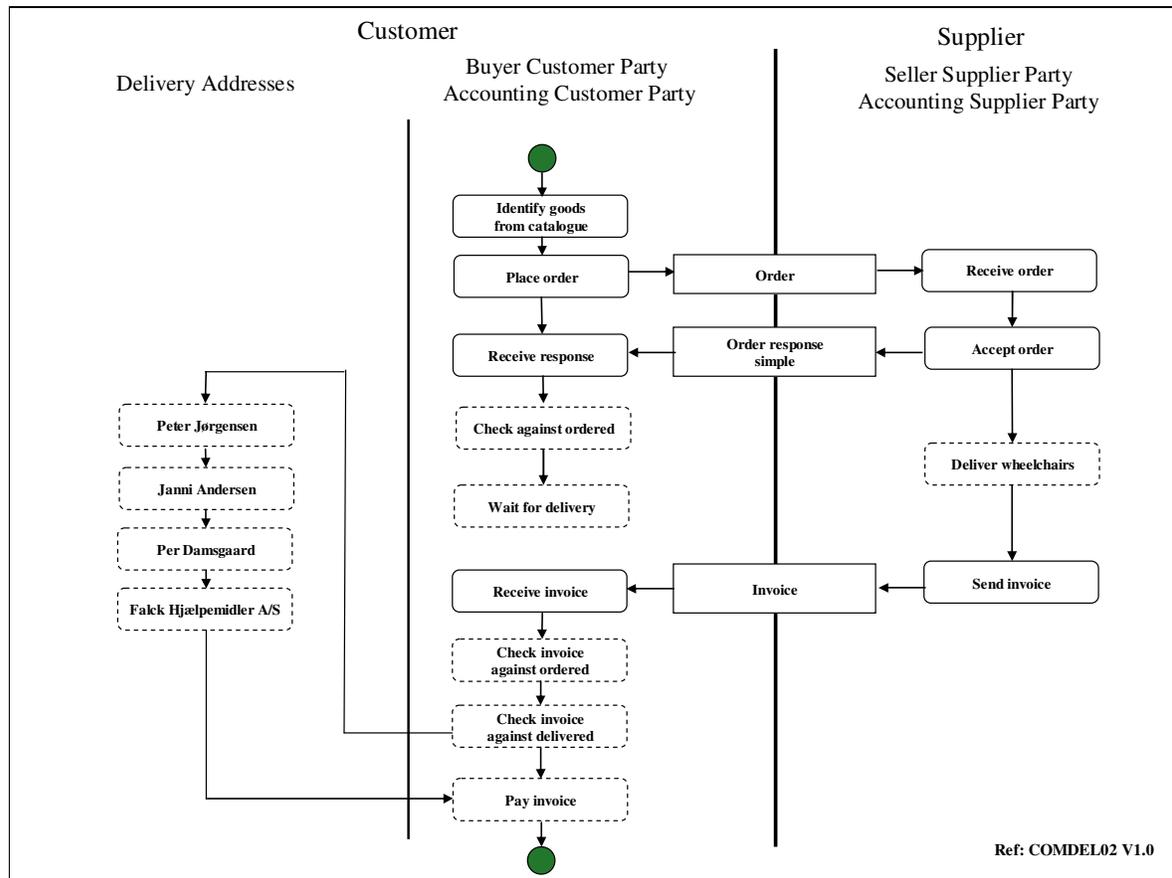


Figure 5

## 4.4 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).

### 4.4.1 Identify goods from catalogue

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

### **4.4.2 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 and the process can be more or less automated. The physical document will be delivered to the Seller Supplier Party using a 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
- GLN location number of the Buyer Customer Party's organization
- Delivery addresses
- ID of Seller Supplier Party's organization
- Item number of the ordered goods known to the Seller Supplier Party

### **4.4.3 Receive order**

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

### **4.4.4 Accept order**

The Seller Supplier Party needs to verify whether it can deliver the goods specified in the order (which is always the case in this happy day 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 must contain a number of key business information identities:

- A reference to the initiating order
- A code for accepting the entire order

### **4.4.5 Receive response**

The Buyer Customer Party receives the Order Response Simple electronically from its network provider. This process can be more or less automated. The Buyer Customer Party should check whether the order is accepted by the Seller Supplier Party and if the reference to the initiating order is correct. In this scenario these two questions will never pose a problem.

### **4.4.6 Send invoice**

The Accounting Supplier Party produces one 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 Accounting Customer Party
- GLN location number of the Accounting Customer Party's organization
- ID of Accounting Supplier Party's organization

### **4.4.7 Receive invoice**

The Accounting Customer Party receives the invoice electronically from its network provider. Prior to the payment of the invoice the Accounting Customer Party should check it against the ordered and delivered goods. This process can be more or less automated.

---

## **4.5 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 the organization's internal processes.

### **4.5.1 Buyer Customer Party**

#### **4.5.1.1 Compare order response with order**

When the Buyer Customer Party receives the order response it automatically triggers the following:

- An automated check for rejection code
- 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
- An optional creation of a record (object) in the Accounting Customer Party's internal IT system for subsequent invoice matching

#### **4.5.1.2 Compare invoice with order**

At the time the invoice arrives at the Accounting Customer Party it is automatically checked against the order.

#### **4.5.1.3 Check delivery with ordered.**

When the goods are received at the Buyer Customer Party they are checked with the ordered. Provided that a match is found the Buyer Customer Party's internal IT system is updated. It should be noticed that this check is only carried out by the the aid and appliance centre. In addition to this the centre also performs a similar check on behalf of the citizens to whom wheelchairs are delivered.

### **4.5.2 Seller Supplier Party**

#### **4.5.2.1 General benefits**

The benefits for the Seller Supplier Party are actually tied together with the automated invoice matching process at the Accounting Customer Party. This should ensure a short timeframe from the actual delivery of goods to the payment is received.

---

## **4.6 Examples**

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

### 4.6.1 Example 4.1

Several citizens in the county Frederiksborg Amt are awaiting the delivery of a wheelchair to their address. This process has been initiated by medical staff at the county hospital Hillerød Sygehus who has requested the wheelchairs at the county aid and appliance centre Falck Hjælpemidler A/S. Unfortunately, the wheelchairs are out of stock at the centre for which reason new ones has to be ordered at a the private supplier Revacenter BOMI. From here the wheelchairs will be dispatched directly to the citizens so as to avoid any further delays and furthermore a delivery will be shipped to the aid and appliance centre's stock.

This means that the following steps are performed:

1. Diane Birk at Falck Hjælpemidler A/S finds the wheelchairs in Revacenter BOMI's catalogue and places the order
2. Revacenter BOMI recognizes that they have the wheelchairs on stock and sends an accepting order response immediately
3. Diane matches the order response with the order and notifies Hillerød Sygehus that the order is in process
4. Revacenter BOMI dispatches the wheelchairs to the Delivery Addresses – the citizens of the county and the stock at Falck Hjælpemidler A/S
5. Diane receives the wheelchairs for the stock, finds the matching order and contacts the citizens to check whether they have received their wheelchairs before she approves the delivery
6. The day after Falck Hjælpemidler A/S receives one electronic invoice from Revacenter BOMI with attention to Diane
7. Diane matches the invoices with the order and approves all of them
8. The invoices are then now ready for payment

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

**Order:**

COMDEL\_02\_02\_00\_Order\_v2p1.xml

#### 4.6.1.1 Order

Class	Field	Attribute	Value	Note <sup>4</sup>
	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	

4

## OIOUBL Complex Delivery Procurement Cycle

	AccountingCost		324566-7	
BuyerCustomerParty				
Party				
	EndpointID		DK88666553	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK88666553	
		schemeID	DK:CVR	
PartyName				
	Name		Falck Hjælpebidler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Falck Hjælpebidler A/S	
	CompanyID		DK88666553	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Diane Birk	
	Telephone		45900248	
	ElectronicMail		db@falck-hjaelpemidler.dk	
SellerSupplierParty				
Party				
	EndpointID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Revacenter BOMI	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	

## OIOUBL Complex Delivery Procurement Cycle

		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Viborgvej	
	BuildingNumber		7	
	CityName		Skive	
	PostalZone		7800	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Bodil Skarv	
	Telephone		98056689	
	ElectronicMail		bs@reva-bomi.dk	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2005-12-29	
	EndDate		2005-12-29	
TaxTotal				
	TaxAmount		8335.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		33340.00	
		currencyID	DKK	
	TaxAmount		8335.00	
		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	
AnticipatedMonetaryTotal				
	LineExtensionAmount		33340.00	
		currencyID	DKK	
	TaxExclusiveAmount		8335.00	
		currencyID	DKK	
	TaxInclusiveAmount		41675.00	
		currencyID	DKK	
	PayableAmount		41675.00	
		currencyID	DKK	

## OIOUBL Complex Delivery Procurement Cycle

### 4.6.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
Delivery				
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Rådyrvej	
	BuildingNumber		14	
	MarkAttention		Peter Jørgensen	
	CityName		Hillerød	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	

## OIOUBL Complex Delivery Procurement Cycle

		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	

### 4.6.1.3 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		2	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
Delivery				
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Solvangen	
	BuildingNumber		102	
	MarkAttention		Janni Andersen	
	CityName		Hillerød	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	

## OIOUBL Complex Delivery Procurement Cycle

TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	

### 4.6.1.4 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		3	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
Delivery				
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	Floor		2	
	Room		th.	
	StreetName		Ryvang 22	
	BuildingNumber		22	
	MarkAttention		Per Damsgaard	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				

## OIOUBL Complex Delivery Procurement Cycle

	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	

### 4.6.1.5 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		4	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
Delivery				
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	MarkAttention		Falck Hjælpemidler A/S, Att. Diane Birk	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	

## OIOUBL Complex Delivery Procurement Cycle

		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:

COMDEL\_02\_02\_00\_OrderResponseSimple\_v2p1.xml

#### 4.6.1.6 OrderResponseSimple

Class	Field	Attribute	Value	Note <sup>5</sup>
	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		2005-12-20	
	AcceptedIndicator		true	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-20	
SellerSupplierParty				
Party				
	EndpointID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798003041308	
		schemeAgencyID	9	

5

## OIOUBL Complex Delivery Procurement Cycle

		schemeID	GLN	
PartyName				
	Name		Revacenter BOMI	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Viborgvej	
	BuildingNumber		7	
	CityName		Skive	
	PostalZone		7800	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Revacenter BOMI	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Bodil Skarv	
	Telephone		98056689	
	ElectronicMail		bs@reva-bomi.dk	
BuyerCustomerParty				
Party				
	EndpointID		DK88666553	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK88666553	
		schemeID	DK:CVR	
PartyName				
	Name		Falck Hjælpedler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Falck Hjælpedler A/S	

## OIOUBL Complex Delivery Procurement Cycle

	CompanyID		DK88666553	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Diane Birk	
	Telephone		45900248	
	ElectronicMail		db@falck-hjaelpemidler.dk	

**Invoice:**

COMDEL\_02\_02\_00\_Invoice\_v2p1.xml

**4.6.1.7 Invoice**

Class	Field	Attribute	Value	Note <sup>6</sup>
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:profileid-1.1	
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-29	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oiubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-20	
AccountingSupplierParty				
Party				
	EndpointID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	

6

## OIOUBL Complex Delivery Procurement Cycle

PartyName			
	Name		Revacenter BOMI
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Viborgvej
	BuildingNumber		7
	CityName		Skive
	PostalZone		7800
Country			
	IdentificationCode		DK
PartyTaxScheme			
	CompanyID		DK16356706
		schemeID	DK:SE
TaxScheme			
	ID		63
		schemeAgencyID	320
		schemeID	urn:oiubl:id:taxschemeid-1.1
	Name		Moms
PartyLegalEntity			
	RegistrationName		Revacenter BOMI
	CompanyID		DK16356706
		schemeID	DK:CVR
Contact			
	ID		23456
	Name		Bodil Skarv
	Telephone		98056689
	ElectronicMail		bs@reva-bomi.dk
AccountingCustomerParty			
Party			
	EndpointID		DK88666553
		schemeID	DK:CVR
PartyIdentification			
	ID		DK88666553
		schemeID	DK:CVR
PartyName			
	Name		Falck Hjælpedler A/S
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Grydevang

## OIOUBL Complex Delivery Procurement Cycle

	BuildingNumber		2D	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Falck Hjælpebidler A/S	
	CompanyID		DK88666553	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Diane Birk	
	Telephone		45900248	
	ElectronicMail		db@falck-hjaelpemidler.dk	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2006-01-15	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		1234567890	
	PaymentNote		A00095678	
FinancialInstitutionBranch				
	ID		1234	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		41675.00	
		currencyID	DKK	
TaxTotal				
	TaxAmount		8335.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		33340.00	
		currencyID	DKK	
	TaxAmount		8335.00	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	

## OIOUBL Complex Delivery Procurement Cycle

	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
LegalMonetaryTotal				
	LineExtensionAmount		33340.00	
		currencyID	DKK	
	TaxExclusiveAmount		8335.00	
		currencyID	DKK	
	TaxInclusiveAmount		41675.00	
		currencyID	DKK	
	PayableAmount		41675.00	
		currencyID	DKK	

### 4.6.1.8 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
Delivery				
	ActualDeliveryDate		2005-12-29	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Solvangen	
	BuildingNumber		102	
	MarkAttention		Janni Andersen	
	CityName		Hillerød	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		2083.75	
		currencyID	DKK	

## OIOUBL Complex Delivery Procurement Cycle

TaxSubtotal				
	TaxableAmount		8335.00	
		currencyID	DKK	
	TaxAmount		2083.75	
		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		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### 4.6.1.9 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		2	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
OrderLineReference				
	LineID		2	
Delivery				
	ActualDeliveryDate		2005-12-29	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	

## OIOUBL Complex Delivery Procurement Cycle

		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Solvangen	
	BuildingNumber		102	
	MarkAttention		Janni Andersen	
	CityName		Hillerød	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		2083.75	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		8335.00	
		currencyID	DKK	
	TaxAmount		2083.75	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### 4.6.1.10 InvoiceLine

Class	Field	Attribute	Value	Note
-------	-------	-----------	-------	------

## OIOUBL Complex Delivery Procurement Cycle

	ID		3
	InvoicedQuantity		1.00
		unitCode	EA
	LineExtensionAmount		8335.00
		currencyID	DKK
OrderLineReference			
	LineID		3
Delivery			
	ActualDeliveryDate		2005-12-29
DeliveryLocation			
Address			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oioubl:codelist:addressformatcode-1.1
	Floor		2
	Room		th.
	StreetName		Ryvang 22
	BuildingNumber		22
	MarkAttention		Per Damsgaard
	CityName		Allerød
	PostalZone		3450
Country			
	IdentificationCode		DK
TaxTotal			
	TaxAmount		2083.75
		currencyID	DKK
TaxSubtotal			
	TaxableAmount		8335.00
		currencyID	DKK
	TaxAmount		2083.75
		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		Star Barn

## OIOUBL Complex Delivery Procurement Cycle

	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### 4.6.1.11 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		4	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
OrderLineReference				
	LineID		4	
Delivery				
	ActualDeliveryDate		2005-12-29	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	MarkAttention		Falck Hjælpemidler A/S, Att. Diane Birk	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		2083.75	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		8335.00	
		currencyID	DKK	
	TaxAmount		2083.75	
		currencyID	DKK	

## OIOUBL Complex Delivery Procurement Cycle

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		Star Barn
	Name		Star Barn
SellersItemIdentification			
	ID		5712345780121
		schemeAgencyID	9
		schemeID	GTIN
Price			
	PriceAmount		8335.00
		currencyID	DKK
	BaseQuantity		1
		unitCode	EA
	OrderableUnitFactorRate		1

The corresponding example instance files are provided as:

- COMDEL\_02\_02\_00\_Order\_v2p1.xml
- COMDEL\_02\_02\_00\_OrderResponseSimple\_v2p1.xml
- COMDEL\_02\_02\_00\_Invoice\_v2p1.xml

---

## 5. Procurement of fruit to a university administration office – one delivery not accepted

---

### 5.1 Scenario Summary

This scenario is based on the scenario described in chapter 3.

The scenario describes a catalogue-based procurement process for fruit at a university administration office in which a single order for standard goods is placed. The complexity of this procurement process is caused by a continuous string of deliveries to the same location originating from only one order. For instance, a basket of fruit could be delivered to the university administration office once every week.

In this scenario one of the deliveries is not accepted by the university administration office because some of the fruit is rotten on arrival. The invoice related to this specific delivery is therefore rejected and the supplier is notified by sending ApplicationResponse.

This scenario describes a delivery failure.

---

### 5.2 Scenario Characteristics

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

- The university administration office plays the role as the Buyer Customer Party
- There is no need for a Delivery Customer Party as the university administration office constitutes both Buyer Customer Party and Delivery Customer Party
- A private supplier plays the role as the Seller Party
- All involved parties are capable of exchanging XML document instances using a network provider
- The Buyer Customer Party identifies the goods to be ordered in a catalogue
- The goods are standard goods identified by unique identification numbers
- One order → one order response simple → many deliveries → many invoices
- An invoice is sent to the Accounting Customer Party after each delivery
- An invoice is rejected due to some of the fruit being rotten. The supplier is notified by ApplicationResponse
- This scenario describes a delivery failure

---

### 5.3 Scenario Context

The context of this scenario does not include the following:

- Sourcing
- Fulfillment
- Payment

#### 5.3.1 Document usage

The following business documents are used within this scenario:

- Order

- Order Response Simple
- Invoice
- Application Response

### **5.3.2 Customer parties**

#### **Buyer Customer Party and Accounting Customer Party:**

Københavns Universitet  
Uddannelsesadministration  
Att. Kim Kristoffersen  
Fiolstræde 22  
1171 København K  
GLN: 5798000700814

This is an example of a university administration office within the University of Copenhagen. The office uses an ERP system capable of sending electronic orders and receiving order responses and invoices. The Buyer Customer Party is identified using a standard GLN location number.

Despite the organizational complexity of a university this scenario has been simplified in order to focus on the issue at hand – the complexity of deliveries. Kim Kristoffersen will therefore handle tasks related to the procurement process that in the real world would be fulfilled by other actors within the university administration.

### **5.3.3 Supplier parties**

#### **Seller Supplier Party and Accounting Supplier Party:**

Aarstiderne  
Att. Rita Hemmingsen  
Barritskovvej 34  
7150 Barrit  
CVR: 12542976

This is an example of a private fruit supplier. The Seller Supplier Party uses an ERP system capable of receiving electronic orders and sending order responses and invoices. The Seller Supplier Party is identified using a unique Company identification number (CVR).

---

## **5.4 Scenario Activity Diagram**

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

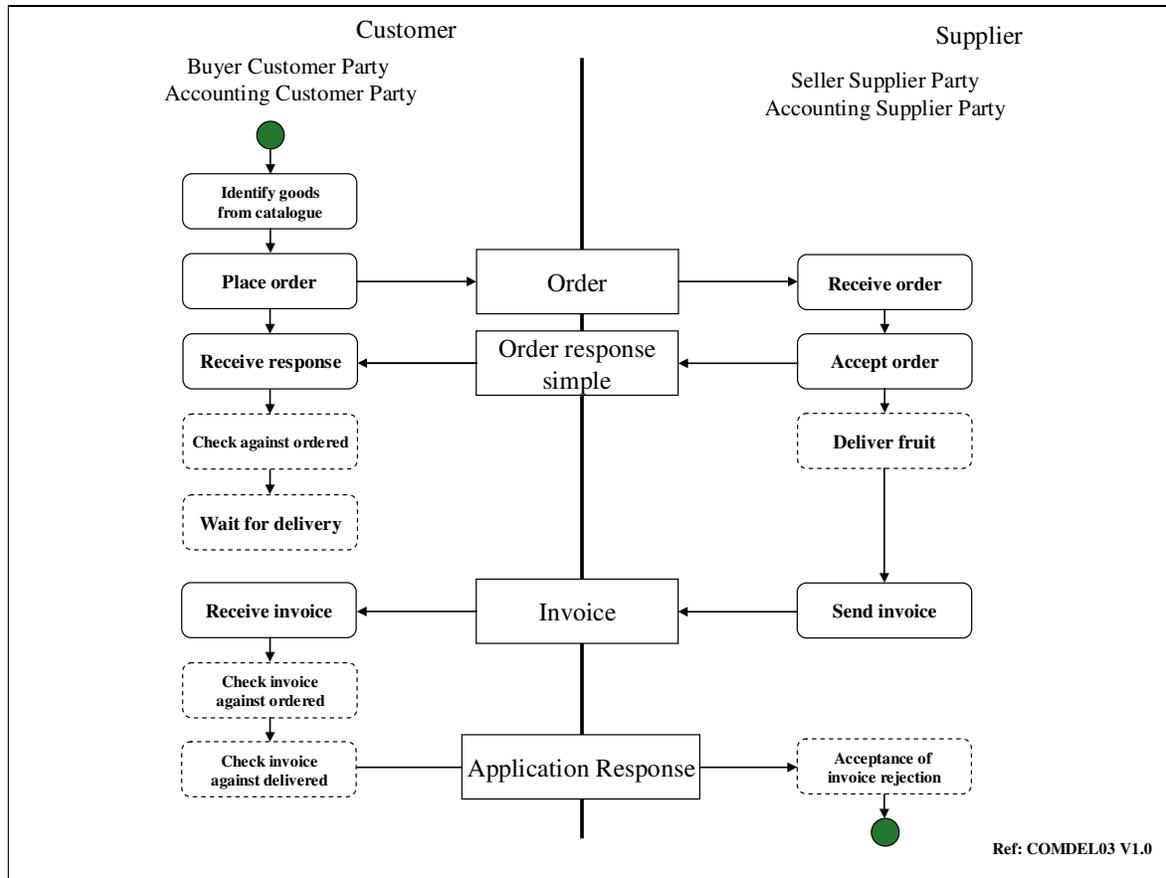


Figure 6

## 5.5 Detailed description of primary activities

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

### 5.5.1 Identify goods from catalogue

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

### 5.5.2 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 and the process can be more or less automated. The document will be delivered to the Seller Party using a 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

- GLN location number of the Buyer Customer Party's organization
- ID of Seller Supplier Party's organization
- Item number of the ordered goods known to the Seller Supplier Party

### **5.5.3 Receive order**

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

### **5.5.4 Accept order**

The Seller Supplier Party needs to verify whether it can deliver the goods specified in the order. 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 must contain a number of key business information identities:

- A reference to the initiating order
- A code for accepting the entire order

### **5.5.5 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 by the Seller Supplier Party and if the reference to the initiating order is correct. In this scenario these two questions will never pose a problem.

### **5.5.6 Send invoice**

The Accounting Supplier Party produces one instance of the invoice document and sends it to the Accounting Customer Party. In this scenario an invoice is sent subsequently to every delivery. 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
- ID of Accounting Supplier Party's organization

### **5.5.7 Receive invoice**

The Accounting Customer Party receives the invoice electronically from its network provider. Prior to the payment of the invoice the Accounting Customer Party should check it against the ordered and delivered goods. This process can be more or less automated.

---

## **5.6 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.

### **5.6.1 Buyer Customer Party**

#### **5.6.1.1 Compare order response with order**

When the Buyer Customer Party receives the order response it automatically triggers the following:

- An automated check for rejection code
- 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
- An optional creation of a record (object) in the Buyer Customer Party's internal IT system for subsequent invoice matching

#### **5.6.1.2 Compare invoice with order**

At the time the invoice arrives at the Accounting Customer Party it is automatically checked against the order.

#### **5.6.1.3 Compare invoice with delivered**

At the time the invoice arrives at the Accounting Customer Party it is checked against the delivery. In this case some of the fruit is rotten, and a rejecting Application response is returned.

### **5.6.2 Seller Supplier Party**

#### **5.6.2.1 General benefits**

The benefits for the Seller Supplier Party are actually tied together with the automated invoice matching process at the Buyer Customer Party. This should ensure a short timeframe from the actual delivery of goods to the payment is received.

---

## **5.7 Examples**

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

### **5.7.1 Example 5.1**

Kim Kristoffersen is employed at the University of Copenhagen in the education administration office. He has been appointed to find a fruit supplier who can deliver a basket of fruit to the administration office once a week.

This means that the following steps are performed:

1. Kim finds the desired fruit basket in Aarstiderne's catalogue and places the order
2. Aarstiderne accepts the order and therefore returns an accepting order response immediately
3. Kim matches the order response with the order and awaits the first delivery
4. Aarstiderne sends a fruit basket by carrier to the education administration office
5. The day after the education administration office receives an electronic invoice addressed to Kim
6. Kim matches the invoice with the initiation order and approves it
7. The invoice is now ready for payment

## OIOUBL Complex Delivery Procurement Cycle

However, one of the deliveries is not accepted by the university administration office because some of the fruit is rotten on arrival. The invoice related to this specific delivery is therefore rejected by a rejecting Application Response.

This means that the following steps are performed:

1. Aarstiderne sends a fruit basket by carrier to the education administration office. At delivery it is discovered that some of the fruit is rotten and therefore Kim is notified
2. The day after the education administration office receives an electronic invoice addressed to Kim
3. Kim rejects the invoice by sending a rejecting Application Response to Aarstiderne

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

### Order:

COMDEL\_03\_01\_04\_Order\_v2p1.xml

#### 5.7.1.1 Order

Class	Field	Attribute	Value	Note
	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	
BuyerCustomerParty				
Party				
	EndpointID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Københavns Universitet - Uddannelsesadministration	
PostalAddress				
	AddressFormatCode		StructuredDK	

## OIOUBL Complex Delivery Procurement Cycle

		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Fiolstræde	
	BuildingNumber		22	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Københavns Universitet - Uddannelsesadministration	
	CompanyID		DK38633435	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Kim Kristoffersen	
	Telephone		35322626	
	ElectronicMail		kk@kua.dk	
SellerSupplierParty				
Party				
	EndpointID		DK12542976	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK12542976	
		schemeID	DK:CVR	
PartyName				
	Name		Aarstiderne	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Barritskovvej	
	BuildingNumber		34	
	CityName		Barrit	
	PostalZone		7150	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Rita Hemmingsen	
	Telephone		70260066	
	ElectronicMail		rh@aarstid.dk	
Delivery				

## OIOUBL Complex Delivery Procurement Cycle

RequestedDeliveryPeriod			
	StartDate		2005-12-19
	EndDate		2005-12-19
TaxTotal			
	TaxAmount		97.00
		currencyID	DKK
TaxSubtotal			
	TaxableAmount		388.00
		currencyID	DKK
	TaxAmount		97.00
		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
AnticipatedMonetaryTotal			
	LineExtensionAmount		388.00
		currencyID	DKK
	TaxExclusiveAmount		97.00
		currencyID	DKK
	TaxInclusiveAmount		485.00
		currencyID	DKK
	PayableAmount		485.00
		currencyID	DKK

### 5.7.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		388.00	
		currencyID	DKK	
Price				
	PriceAmount		388.00	
		currencyID	DKK	

## OIOUBL Complex Delivery Procurement Cycle

	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Frugtkurv - stor	
	Name		Frugtkurv - stor	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	

### OrderResponseSimple:

COMDEL\_03\_01\_04\_OrderReponseSimple\_v2p1.xml

#### 5.7.1.3 OrderResponseSimple

Class	Field	Attribute	Value	Note <sup>8</sup>
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:profileid-1.1	
	ID		65830	
	CopyIndicator		false	
	UUID		9756b4ac-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-09	
	AcceptedIndicator		true	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	

8

## OIOUBL Complex Delivery Procurement Cycle

	IssueDate		2005-12-08	
SellerSupplierParty				
Party				
	EndpointID		DK12542976	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK12542976	
		schemeID	DK:CVR	
PartyName				
	Name		Aarstiderne	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Barritskovvej	
	BuildingNumber		34	
	CityName		Barrit	
	PostalZone		7150	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Aarstiderne	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Rita Hemmingsen	
	Telephone		70260066	
	ElectronicMail		rh@aarstid.dk	
BuyerCustomerParty				
Party				
	EndpointID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Københavns Universitet - Uddannelsesadministration	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	

## OIOUBL Complex Delivery Procurement Cycle

		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fiolstræde	
	BuildingNumber		22	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Københavns Universitet - Uddannelsesadministration	
	CompanyID		DK38633435	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Kim Kristoffersen	
	Telephone		35322626	
	ElectronicMail		kk@kua.dk	

**Invoice:**

COMDEL\_03\_01\_04\_Invoice\_v2p1.xml

**5.7.1.4 Invoice**

Class	Field	Attribute	Value	Note <sup>9</sup>
	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		2005-12-22	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oioubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-08	

9

## OIOUBL Complex Delivery Procurement Cycle

AccountingSupplierParty			
Party			
	EndpointID		DK12542976
		schemeID	DK:CVR
PartyIdentification			
	ID		DK12542976
		schemeID	DK:CVR
PartyName			
	Name		Aarstiderne
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Barritskovvej
	BuildingNumber		34
	CityName		Barrit
	PostalZone		7150
Country			
	IdentificationCode		DK
PartyTaxScheme			
	CompanyID		DK12542976
		schemeID	DK:SE
TaxScheme			
	ID		63
		schemeAgencyID	320
		schemeID	urn:oiubl:id:taxschemeid-1.1
	Name		Moms
PartyLegalEntity			
	RegistrationName		Aarstiderne
	CompanyID		DK16356706
		schemeID	DK:CVR
Contact			
	ID		23456
	Name		Rita Hemmingsen
	Telephone		70260066
	ElectronicMail		rh@aarstid.dk
AccountingCustomerParty			
Party			
	EndpointID		5798000700814
		schemeAgencyID	9
		schemeID	GLN
PartyIdentification			
	ID		5798000700814

## OIOUBL Complex Delivery Procurement Cycle

		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Københavns Universitet - Uddannelsesadministration	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Fiolstræde	
	BuildingNumber		22	
	CityName		København K	
	PostalZone		1171	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Københavns Universitet - Uddannelsesadministration	
	CompanyID		DK38633435	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Kim Kristoffersen	
	Telephone		35322626	
	ElectronicMail		kk@kua.dk	
Delivery				
	ActualDeliveryDate		2006-04-15	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2005-12-25	
	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		485.00	
		currencyID	DKK	

## OIOUBL Complex Delivery Procurement Cycle

TaxTotal			
	TaxAmount		97.00
		currencyID	DKK
TaxSubtotal			
	TaxableAmount		388.00
		currencyID	DKK
	TaxAmount		97.00
		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
LegalMonetaryTotal			
	LineExtensionAmount		388.00
		currencyID	DKK
	TaxExclusiveAmount		97.00
		currencyID	DKK
	TaxInclusiveAmount		485.00
		currencyID	DKK
	PayableAmount		485.00
		currencyID	DKK

### 5.7.1.5 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		388.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
TaxTotal				
	TaxAmount		97.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		388.00	

## OIOUBL Complex Delivery Procurement Cycle

		currencyID	DKK	
	TaxAmount		97.00	
		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		Frugtkurv - stor	
	Name		Frugtkurv - stor	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		388.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### ApplicationResponse:

COMDEL\_03\_01\_04\_ApplicationResponse\_v2p1.xml

#### 5.7.1.6 ApplicationResponse

Class	Field	Attribute	Value	Note <sup>10</sup>
	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	

## OIOUBL Complex Delivery Procurement Cycle

	IssueDate		2005-11-20
SenderParty			
	EndpointID		5798000700814
		schemeAgencyID	9
		schemeID	GLN
PartyIdentification			
	ID		5798000700814
		schemeAgencyID	9
		schemeID	GLN
PartyName			
	Name		Københavns Universitet - Uddannelsesadministration
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Fiolstræde
	BuildingNumber		22
	CityName		København K
	PostalZone		1171
Country			
	IdentificationCode		DK
PartyLegalEntity			
	RegistrationName		Københavns Universitet - Uddannelsesadministration
	CompanyID		DK38633435
		schemeID	DK:CVR
Contact			
	ID		7778
	Name		Kim Kristoffersen
	Telephone		35322626
	ElectronicMail		kk@kua.dk
ReceiverParty			
	EndpointID		DK12542976
		schemeID	DK:CVR
PartyIdentification			
	ID		DK12542976
		schemeID	DK:CVR
PartyName			
	Name		Aarstiderne
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Barritskovvej

## OIOUBL Complex Delivery Procurement Cycle

	BuildingNumber		34	
	CityName		Barrit	
	PostalZone		7150	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Aarstiderne	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Rita Hemmingsen	
	Telephone		70260066	
	ElectronicMail		rh@aarstid.dk	
DocumentResponse				
Response				
	ReferenceID		1	1
	ResponseCode		BusinessReject	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsecode-1.1	
	Description		Den leverede frugt var ikke frisk	
DocumentReference				
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-08	
	DocumentTypeCode		Invoice	
		listAgencyID	320	
		listID	urn:oioubl:codelist:responsedocumenttypecode-1.1	

The corresponding example instance files are provided as:

- COMDEL\_03\_01\_04\_Order\_v2p1.xml
- COMDEL\_03\_01\_04\_OrderReponseSimple\_v2p1.xml
- COMDEL\_03\_01\_04\_Invoice\_v2p1.xml
- COMDEL\_03\_01\_04\_ApplicationResponse\_v2p1.xml

## 6. Procurement of wheelchairs to citizens of a municipality – one delivery not delivered in time

---

### 6.1 Scenario Summary

This scenario is based on the scenario described in chapter 4.

This scenario describes the happy day variant of a catalogue-based procurement process at a highly complex level. The complexity is caused by the delivery of wheelchairs from a private supplier to citizens within a municipality. Furthermore, the number of parties involved and the interrelationship between them also increase the complexity.

The actual setting of this scenario originates in misfortune of a young citizen. A boy falls down from a tree and breaks one of his legs. He is therefore rushed to the emergency room of the county hospital to which the municipality is attached. At the hospital the boy receives treatment and borrows a wheelchair during his admission.

On the basis of an assessment carried out by the medical staff at admission a request for a wheelchair is sent to the aid and appliance centre of the county. The assessment states that the boy needs a wheelchair delivered at home after being discharged from the hospital. As a footnote it is worth mentioning that the business functions of an aid and appliance centre in Denmark in many cases has been outsourced to private companies.

The hospital receives a notice from the aid and appliance centre that they only have a few wheelchairs to children on stock. These wheelchairs are to be dispatched to other patients and furthermore the centre has already received more requests for children wheelchairs. Therefore, new ones have to be ordered at a private supplier and subsequently dispatched to citizens in municipalities within the county. One of the wheelchairs ordered will be shipped to the aid and appliance centre whereas some of them are to be delivered directly to citizens' addresses in order to avoid any further delay.

This scenario describes a delivery failure.

### 6.2 Scenario Characteristics

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

- The process is initiated by health personnel at a hospital (Originator Customer Party)
- An aid and appliances centre plays the role as Buyer Customer Party
- A private supplier plays the role as Seller Supplier Party
- The citizens in need of wheelchairs is specified by Delivery Addresses
- Buyer Customer and Seller Supplier party are capable of exchanging XML document instances using a network provider
- The Buyer Customer Party identifies the goods to be ordered in a catalogue
- The goods are standard goods identified by unique identification numbers
- One order → one order response simple → many deliveries → one invoice → one Application Response
- An invoice is sent to the Accounting Customer Party after the deliveries. A number of wheelchairs will be delivered directly to the citizens whereas one will be delivered to the aid and appliance centre
- The wheelchair to one of the citizens is not delivered in time. The aid and appliance centre therefore notifies the private supplier by e-mail that the invoice related to this particular delivery is rejected

- This scenario describes a delivery failure

---

### 6.3 Scenario Context

The context of this scenario does not include the following:

- The creation and distribution of a catalogue
- The fulfillment process at Seller Supplier Party
- The transportation of wheelchairs from Seller Supplier Party to Delivery Customer Party
- The payment process

#### 6.3.1 Document usage

The involved business documents are the following:

- Order
- Order response simple
- Invoice
- Application response

#### 6.3.2 Customer parties

##### Buyer Customer Party and Accounting Customer Party:

Falck Hjælpebidler A/S  
Att. Diane Birk  
Grydevang 2D  
3450 Allerød  
GLN: 5790001103736

This is an example of a private company fulfilling the role as the aid and appliance centre responsible for the county Frederiksborg Amt. The company uses an ERP system capable of sending electronic orders and receiving electronic order responses and invoices. The Buyer Customer Party is identified with a standard GLN location number. The private citizens are identified as Delivery Addresses.

##### Delivery Addresses:

Peter Jørgensen  
Rådyrvej 14  
3400 Hillerød  
CPR: 1204970000

Janni Andersen  
Solvangen 102  
3400 Hillerød  
CPR: 2801940000

Per Damsgaard  
Ryvang 22, 2. th.  
3450 Allerød  
CPR: 2012970000

### **6.3.3 Supplier parties**

#### **Seller Supplier and Accounting Supplier Party:**

Revacenter BOMI  
Att. Bodil Skarv  
Viborgvej 7  
7800 Skive  
GLN: 5798003041308

This is an example of a private wheelchair supplier. The Seller Supplier Party uses an ERP system capable of receiving electronic orders and sending order responses and invoices. The Seller Party is identified with a standard GLN location number.

---

## **6.4 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.

The Originator Customer Party has not been included in diagram below as the focus of this scenario is not on the complexity of the ordering organization but on the complexity of the deliveries. Furthermore, the Originator Customer Party will not be part of the example in this scenario.

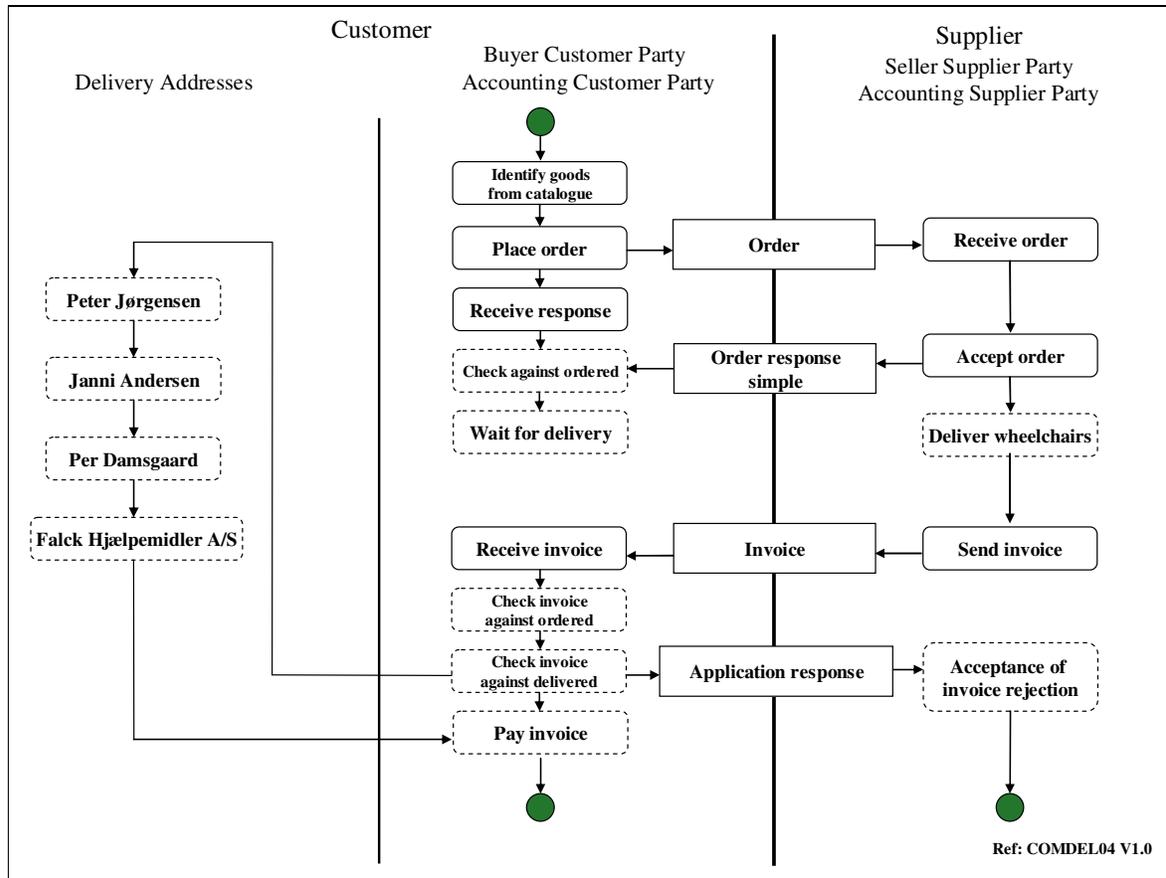


Figure 7

## 6.5 Detailed description of primary activities

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

### 6.5.1 Identify goods from catalogue

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

### 6.5.2 Place order

Basically the Buyer Customer Party needs to produce one instance of the order document and send it to the Seller Party. This can be done directly from within the Buyer Customer Party's ERP system and the process can be more or less automated. The physical document will be delivered to the Seller Party using a 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

- GLN location number of the Buyer Customer Party's organization
- Delivery Addresses
- ID of Seller Supplier Party's organization
- Item number of the ordered goods known to the Seller Supplier Party

### **6.5.3 Receive order**

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

### **6.5.4 Accept order**

The Seller Supplier Party needs to verify whether it can deliver the goods specified in the order. 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 must contain a number of key business information identities:

- A reference to the initiating order
- A code for accepting the entire order

### **6.5.5 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 by the Seller Supplier Party and if the reference to the initiating order is correct. In this scenario these two questions will never pose a problem.

### **6.5.6 Send invoice**

The Accounting Supplier Party produces one 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 Accounting 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

### **6.5.7 Receive invoice**

The Accounting Customer Party receives the invoice electronically from its network provider. Prior to the payment of the invoice the Accounting Customer Party should check it against the ordered and delivered goods. This process can be more or less automated.

---

## **6.6 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.

### **6.6.1 Buyer Customer Party and Accounting Customer Party**

#### **6.6.1.1 Compare order response with order**

When the Buyer Customer Party receives the order response it automatically triggers the following:

- An automated check for rejection code
- 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
- An optional creation of a record (object) in the Buyer Customer Party's internal IT system for subsequent invoice matching

#### **6.6.1.2 Compare invoice with order**

At the time the invoice arrives at the Accounting Customer Party it is automatically checked against the order.

#### **6.6.1.3 Check delivery with ordered.**

When the goods are received at the Buyer Customer Party they are checked with the ordered. Provided that a match is found the Buyer Customer Party's internal IT system is updated. It should be noticed that this check is only carried out by the the aid and appliance centre. In addition to this the centre also performs a similar check on behalf of the citizens to whom wheelchairs are delivered.

### **6.6.2 Seller Supplier Party and Accounting Supplier Party**

#### **6.6.2.1 General benefits**

The benefits for the Seller Supplier Party are actually tied together with the automated invoice matching process at the Buyer Customer Party. This should ensure a short timeframe from the actual delivery of goods to the payment is received.

---

## **6.7 Examples**

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

### **6.7.1 Example 6.1**

Several citizens in the county Frederiksborg Amt are awaiting the delivery of a wheelchair to their address. This process has been initiated by medical staff at the county hospital Hillerød Sygehus who has requested the wheelchairs at the county aid and appliance centre Falck Hjælpemidler A/S. Unfortunately, the wheelchairs are out of stock at the centre for which reason new ones has to be ordered at a the provate supplier Revacenter BOMI. From here the wheelchairs will be dispatched directly to the citizens so as to avoid any further delays and furthermore a delivery will be shipped to the aid and appliance centre's stock.

The wheelchair to one of the citizens is not delivered in time. The aid and appliance centre has already received the invoice and therefore Diane Birk from Falck Hjælpemidler A/S sends an Application Response to Bodil Skarv at Revacenter BOMI rejecting the invoice.

This means that the following steps are performed:

1. Diane at Falck Hjælpemidler A/S finds the wheelchairs in Revacenter BOMI's catalogue and places the order
2. Revacenter BOMI recognizes that they have the wheelchairs on stock and sends an accepting order response immediately
3. Diane matches the order response with the order and notifies Hillerød Sygehus that the order is in process
4. Revacenter BOMI dispatches the wheelchairs to the Delivery Addresses – the citizens of the county and the stock at Falck Hjælpemidler A/S
5. Diane receives the wheelchairs for the stock, finds the matching order and contacts the citizens to check whether they have received their wheelchairs before she approves the delivery
6. The day after Falck Hjælpemidler A/S receives one electronic invoice from Revacenter BOMI with attention to Diane
7. Diane matches the invoice with the deliveries
8. One wheelchair has not been delivered in time. Diane at Falck Hjælpemidler A/S notifies Bodil at Revacenter BOMI by sending her an Application Response

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

### Order:

COMDEL\_04\_02\_04\_Order\_v2p1.xml

#### 6.7.1.1 Order

Class	Field	Attribute	Value	Note <sup>11</sup>
	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		324566-7	
BuyerCustomerParty				
Party				
	EndpointID		DK88666553	

<sup>11</sup>

## OIOUBL Complex Delivery Procurement Cycle

		schemelD	DK:CVR	
PartyIdentification				
	ID		DK88666553	
		schemelD	DK:CVR	
PartyName				
	Name		Falck Hjælpepidler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Falck Hjælpepidler A/S	
	CompanyID		DK88666553	
		schemelD	DK:CVR	
Contact				
	ID		7778	
	Name		Diane Birk	
	Telephone		45900248	
	ElectronicMail		db@falck-hjaelpemidler.dk	
SellerSupplierParty				
Party				
	EndpointID		5798003041308	
		schemeAgencyID	9	
		schemelD	GLN	
PartyIdentification				
	ID		5798003041308	
		schemeAgencyID	9	
		schemelD	GLN	
PartyName				
	Name		Revacenter BOMI	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Viborgvej	
	BuildingNumber		7	
	CityName		Skive	

## OIOUBL Complex Delivery Procurement Cycle

	PostalZone		7800	
Country				
	IdentificationCode		DK	
Contact				
	ID		23456	
	Name		Bodil Skarv	
	Telephone		98056689	
	ElectronicMail		bs@reva-bomi.dk	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2005-12-29	
	EndDate		2005-12-29	
TaxTotal				
	TaxAmount		8335.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		33340.00	
		currencyID	DKK	
	TaxAmount		8335.00	
		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	
AnticipatedMonetaryTotal				
	LineExtensionAmount		33340.00	
		currencyID	DKK	
	TaxExclusiveAmount		8335.00	
		currencyID	DKK	
	TaxInclusiveAmount		41675.00	
		currencyID	DKK	
	PayableAmount		41675.00	
		currencyID	DKK	

### 6.7.1.2 OrderLine

Class	Field	Attribute	Value	Note
-------	-------	-----------	-------	------

## OIOUBL Complex Delivery Procurement Cycle

LineItem			
	ID		1
	Quantity		1.00
		unitCode	EA
	LineExtensionAmount		8335.00
		currencyID	DKK
Delivery			
DeliveryLocation			
Address			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oioubl:codelist:addressformatcode-1.1
	StreetName		Rådyrvej
	BuildingNumber		14
	MarkAttention		Peter Jørgensen
	CityName		Hillerød
	PostalZone		3400
Country			
	IdentificationCode		DK
Price			
	PriceAmount		8335.00
		currencyID	DKK
	BaseQuantity		1
		unitCode	EA
	OrderableUnitFactorRate		1
Item			
	Description		Star Barn
	Name		Star Barn
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

## OIOUBL Complex Delivery Procurement Cycle

### 6.7.1.3 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		2	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
Delivery				
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Solvangen	
	BuildingNumber		102	
	MarkAttention		Janni Andersen	
	CityName		Hillerød	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	

## OIOUBL Complex Delivery Procurement Cycle

	Name		Moms	
--	------	--	------	--

### 6.7.1.4 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		3	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
Delivery				
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	Floor		2	
	Room		th.	
	StreetName		Ryvang 22	
	BuildingNumber		22	
	MarkAttention		Per Damsgaard	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	

## OIOUBL Complex Delivery Procurement Cycle

TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl.id:taxschemeid-1.1	
	Name		Moms	

### 6.7.1.5 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		4	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
Delivery				
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl.codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	MarkAttention		Falck Hjælpemidler A/S, Att. Diane Birk	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
ClassifiedTaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	

## OIOUBL Complex Delivery Procurement Cycle

		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	

### OrderResponseSimple:

COMDEL\_04\_02\_04\_OrderResponseSimple\_v2p1.xml

#### 6.7.1.6 OrderResponseSimple

Class	Field	Attribute	Value	Note <sup>12</sup>
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:profileid-1.1	
	ID		65830	
	CopyIndicator		false	
	UUID		9756b4ac-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-20	
	AcceptedIndicator		true	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-20	
SellerSupplierParty				
Party				
	EndpointID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Revacenter BOMI	
PostalAddress				

## OIOUBL Complex Delivery Procurement Cycle

	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Viborgvej	
	BuildingNumber		7	
	CityName		Skive	
	PostalZone		7800	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Revacenter BOMI	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Bodil Skarv	
	Telephone		98056689	
	ElectronicMail		bs@reva-bomi.dk	
BuyerCustomerParty				
Party				
	EndpointID		DK88666553	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK88666553	
		schemeID	DK:CVR	
PartyName				
	Name		Falck Hjælpebidler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Falck Hjælpebidler A/S	
	CompanyID		DK88666553	
		schemeID	DK:CVR	
Contact				
	ID		7778	

## OIOUBL Complex Delivery Procurement Cycle

	Name		Diane Birk	
	Telephone		45900248	
	ElectronicMail		db@falck-hjaelpemidler.dk	

**Invoice:**

COMDEL\_04\_02\_04\_Invoice\_v2p1.xml

**6.7.1.7 Invoice**

Class	Field	Attribute	Value	Note <sup>13</sup>
	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		2005-12-29	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oioubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
OrderReference				
	ID		5002701	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-12-20	
AccountingSupplierParty				
Party				
	EndpointID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798003041308	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Revacenter BOMI	
PostalAddress				
	AddressFormatCode		StructuredDK	

## OIOUBL Complex Delivery Procurement Cycle

		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Viborgvej	
	BuildingNumber		7	
	CityName		Skive	
	PostalZone		7800	
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		Revacenter BOMI	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Bodil Skarv	
	Telephone		98056689	
	ElectronicMail		bs@reva-bomi.dk	
AccountingCustomerParty				
Party				
	EndpointID		DK88666553	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK88666553	
		schemeID	DK:CVR	
PartyName				
	Name		Falck Hjælpemidler A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	CityName		Allerød	
	PostalZone		3450	
Country				

## OIOUBL Complex Delivery Procurement Cycle

	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Falck Hjælpebidler A/S	
	CompanyID		DK88666553	
		schemeID	DK:CVR	
Contact				
	ID		7778	
	Name		Diane Birk	
	Telephone		45900248	
	ElectronicMail		db@falck-hjaelpemidler.dk	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2006-01-15	
	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		41675.00	
		currencyID	DKK	
TaxTotal				
	TaxAmount		8335.00	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		33340.00	
		currencyID	DKK	
	TaxAmount		8335.00	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	

## OIOUBL Complex Delivery Procurement Cycle

		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
LegalMonetaryTotal				
	LineExtensionAmount		33340.00	
		currencyID	DKK	
	TaxExclusiveAmount		8335.00	
		currencyID	DKK	
	TaxInclusiveAmount		41675.00	
		currencyID	DKK	
	PayableAmount		41675.00	
		currencyID	DKK	

### 6.7.1.8 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
Delivery				
	ActualDeliveryDate		2005-12-29	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Solvangen	
	BuildingNumber		102	
	MarkAttention		Janni Andersen	
	CityName		Hillerød	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		2083.75	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		8335.00	
		currencyID	DKK	
	TaxAmount		2083.75	

## OIOUBL Complex Delivery Procurement Cycle

		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### 6.7.1.9 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		2	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
OrderLineReference				
	LineID		2	
Delivery				
	ActualDeliveryDate		2005-12-29	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Solvangen	
	BuildingNumber		102	

## OIOUBL Complex Delivery Procurement Cycle

	MarkAttention		Janni Andersen	
	CityName		Hillerød	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		2083.75	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		8335.00	
		currencyID	DKK	
	TaxAmount		2083.75	
		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		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### 6.7.1.10 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		3	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	

## OIOUBL Complex Delivery Procurement Cycle

		currencyID	DKK	
OrderLineReference				
	LineID		3	
Delivery				
	ActualDeliveryDate		2005-12-29	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	Floor		2	
	Room		th.	
	StreetName		Ryvang 22	
	BuildingNumber		22	
	MarkAttention		Per Damsgaard	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		2083.75	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		8335.00	
		currencyID	DKK	
	TaxAmount		2083.75	
		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		Star Barn	
	Name		Star Barn	
SellersItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	

## OIOUBL Complex Delivery Procurement Cycle

		schemeID	GTIN	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### 6.7.1.11 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		4	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		8335.00	
		currencyID	DKK	
OrderLineReference				
	LineID		4	
Delivery				
	ActualDeliveryDate		2005-12-29	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Grydevang	
	BuildingNumber		2D	
	MarkAttention		Falck Hjælpemidler A/S, Att. Diane Birk	
	CityName		Allerød	
	PostalZone		3450	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		2083.75	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		8335.00	
		currencyID	DKK	
	TaxAmount		2083.75	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	

## OIOUBL Complex Delivery Procurement Cycle

	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Star Barn	
	Name		Star Barn	
SellerItemIdentification				
	ID		5712345780121	
		schemeAgencyID	9	
		schemeID	GTIN	
Price				
	PriceAmount		8335.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

### ApplicationResponse:

COMDEL\_04\_02\_04\_ApplicationResponse\_v2p1.xml

#### 6.7.1.12 ApplicationResponse

Class	Field	Attribute	Value	Note <sup>14</sup>
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSimR-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:profileid-1.1	
	ID		B65830	
	UUID		9756b516-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
SenderParty				
	EndpointID		DK88666553	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK88666553	
		schemeID	DK:CVR	

## OIOUBL Complex Delivery Procurement Cycle

PartyName			
	Name		Falck Hjælpebidler A/S
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Grydevang
	BuildingNumber		2D
	CityName		Allerød
	PostalZone		3450
Country			
	IdentificationCode		DK
PartyLegalEntity			
	RegistrationName		Falck Hjælpebidler A/S
	CompanyID		DK88666553
		schemeID	DK:CVR
Contact			
	ID		7778
	Name		Diane Birk
	Telephone		45900248
	ElectronicMail		db@falck-hjaelpemidler.dk
ReceiverParty			
	EndpointID		5798003041308
		schemeAgencyID	9
		schemeID	GLN
PartyIdentification			
	ID		5798003041308
		schemeAgencyID	9
		schemeID	GLN
PartyName			
	Name		Revacenter BOMI
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Viborgvej
	BuildingNumber		7
	CityName		Skive
	PostalZone		7800
Country			
	IdentificationCode		DK
PartyLegalEntity			
	RegistrationName		Revacenter BOMI

## OIOUBL Complex Delivery Procurement Cycle

	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		23456	
	Name		Bodil Skarv	
	Telephone		98056689	
	ElectronicMail		bs@reva-bomi.dk	
DocumentResponse				
Response				
	ReferenceID		1	
	ResponseCode		BusinessReject	
		listAgencyID	320	
		listID	urn:oiubl:codelist:responsecode-1.1	
	Description		Varen er ikke leveret til tiden	
DocumentReference				
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	DocumentTypeCode		Invoice	
		listAgencyID	320	
		listID	urn:oiubl:codelist:responsedocumenttypecode-1.1	

The corresponding example instance files are provided as:

- COMDEL\_04\_02\_04\_Order\_v2p1.xml
- COMDEL\_04\_02\_04\_Invoice\_v2p1.xml
- COMDEL\_04\_02\_04\_OrderResponseSimple\_v2p1.xml
- COMDEL\_04\_02\_04\_ApplicationResponse\_v2p1.xml