



National IT and Telecom Agency

Ministry of Science
Technology and Innovation

OIOUBL Scenario description

OIOUBL Complex Payment Cycle

Scenario Package: COMPAY

Version 1.1

UBL 2.0



Document History

Revision History

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1. Introduction

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

2.1 Scope

The OIOUBL Complex Payment cycle is dealing with invoice processing in certain more complex situations. Normally the supplier wants to invoice the goods or services delivered and want to receive the payment at his account. When we deal with other invoicing or payment processes than this normal scenario we call it a complex payment process.

The characteristics of the complex payment process are the following:

- The invoice is sent from other parties than the Supplier
- The invoice has to be paid to another legal entity than the Supplier
- The nature of the invoice processes becomes important for the correct registration and payment

The need for complex payment processes arises in the following situations:

- When the supplier deal with a factoring company
- When the customer create the invoice by himself
- When the payment of the invoice has to be sent to a credit card company or a payment service company

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

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

2.1.1 Actors

In the OIOUBL Complex Payment Cycle business parties (or actors) are limited to the following:

- Buyer, Seller and Payee
- Buyer always play the role as Accounting Customer Party (Debtor)
- Seller always play the role as Accounting Supplier Party (Creditor) and creator of the documents
- Payee play the role as receiver of the payment

2.1.2 Involved business documents

The involved business documents are limited to:

- Order
- Order Response Simple
- Order Response

- Invoice
- Self Billed Invoice
- Self Billed Credit Note
- Application Response
- Reminder

2.1.3 Limitations

The following business processes are not covered in this document:

- The sourcing process
- The fulfillment process

2.2 Covered Scenarios

For the OIOUBL Complex Payment 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 flight tickets by a credit card	The happy day scenario
4	Settlement of stamping from a minor school using Self Billed invoice	The happy day scenario
5	Payment administration using factoring company	The happy day scenario
6	Magazine subscription administration by 3rd party	The happy day scenario

2.3 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 Payment Cycle uses the following OIOUBL profiles:

Scenario title	Profile
Procurement of flight tickets by a credit card	SellerInitiatedOrderingToBillingSimple
Settlement of stamping from a minor school using Self Billed invoice	The Self Billed Invoice is not supported in the first OIOUBL release, and therefore no profile is available. It will be supported in a later release.
Payment administration using factoring company	OrderingSimpleToBillingSimple
Magazine subscription administration by 3rd party	OrderingSimpleToBillingSimple

In the following two pictures the overall business processes is shown for the used profiles:

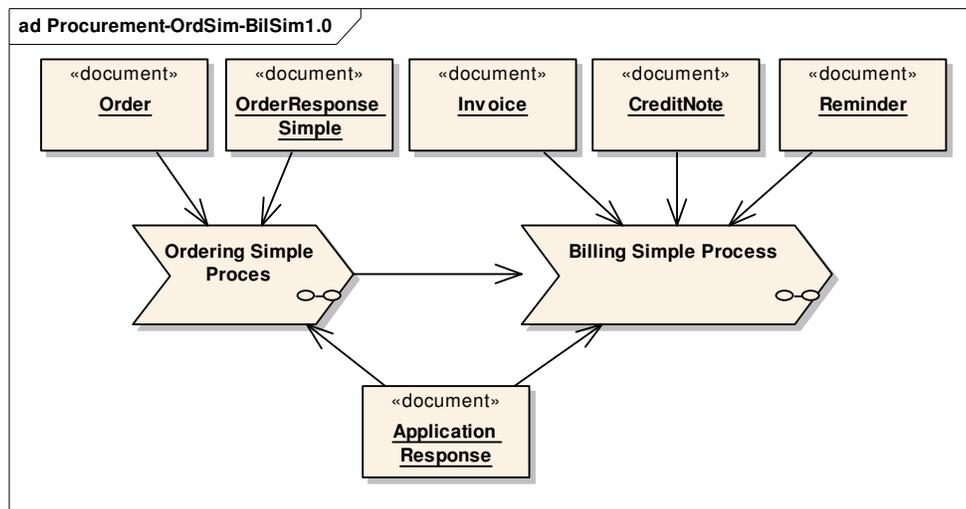


Figure 1, OrderingSimpleToBillingSimple

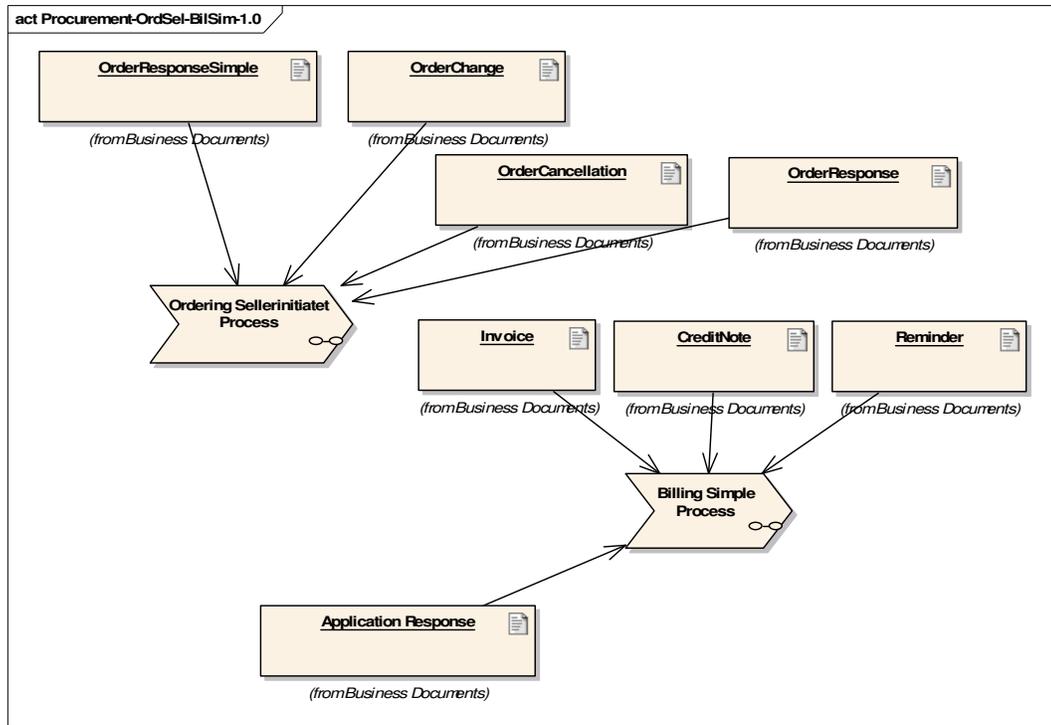


Figure 2, SellerInitiatedOrderingToBillingSimple

The profiles contain the following business processes:

Business process	Comments
OrderingSimpleR	The process is initiated with a catalogue based order
SellerInitiatedOrdering	No order instance document involved
BillingSimple	Invoice and maybe credit note and reminder

The following three pictures show the different processes in more detail.

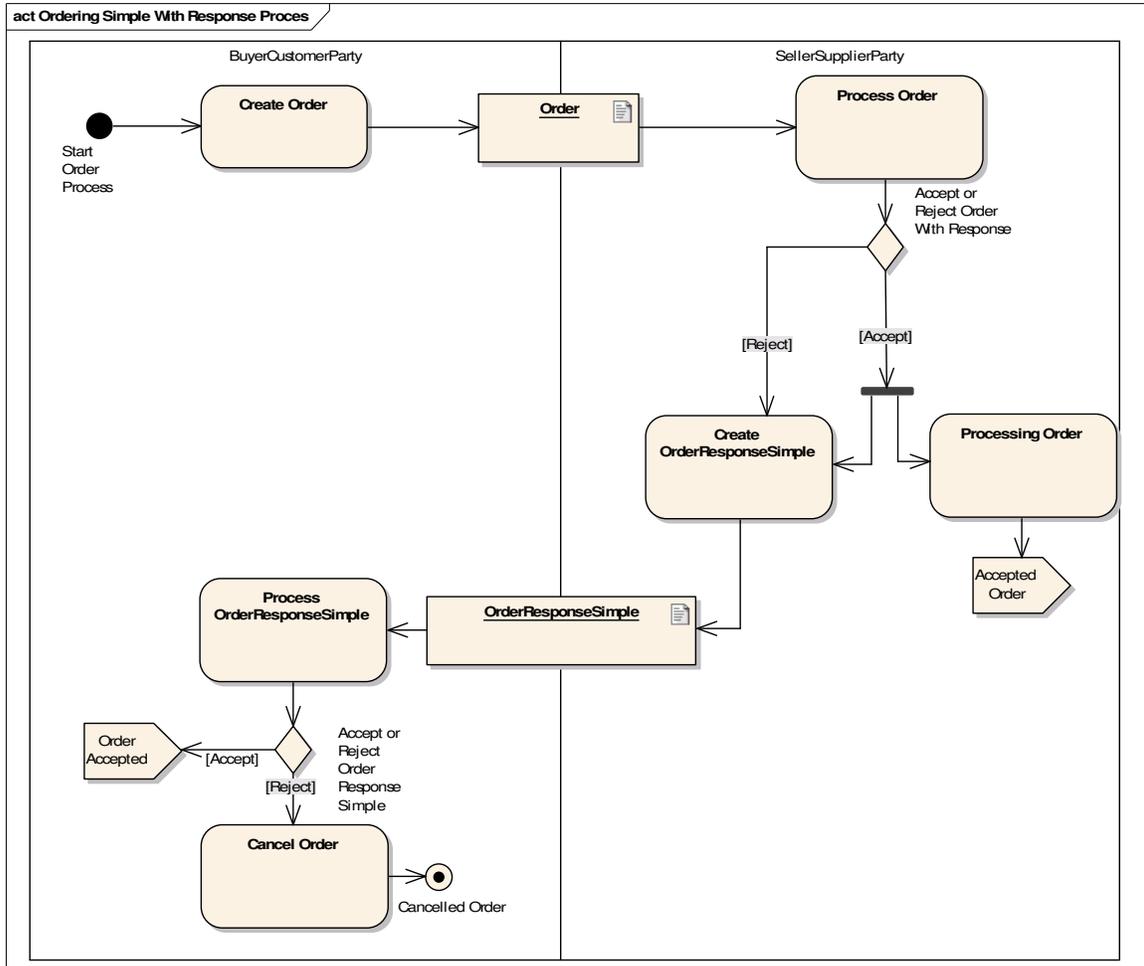


Figure 3, The OrderingSimpleR process.

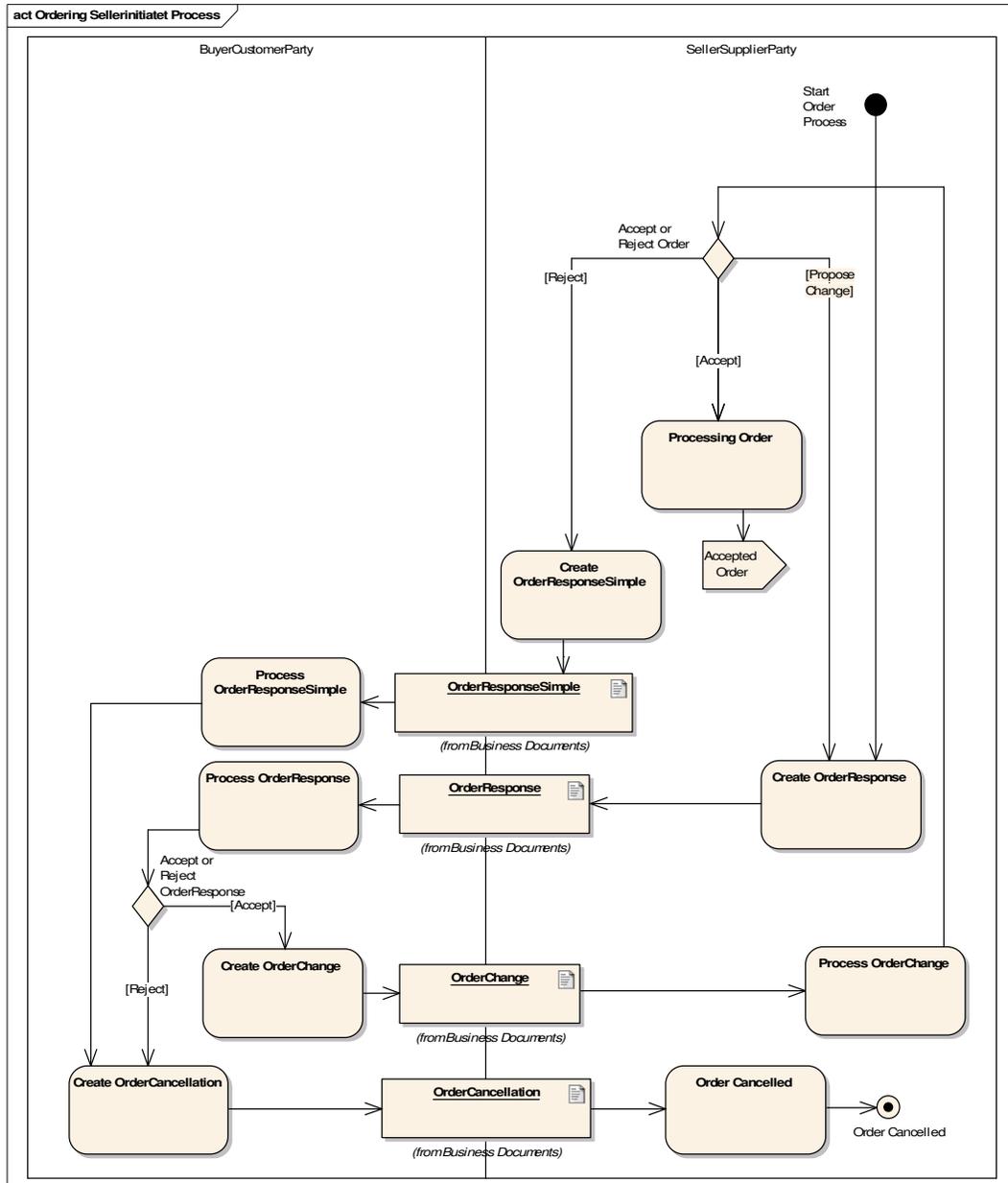


Figure 4, The SellerInitiatedOrdering process.

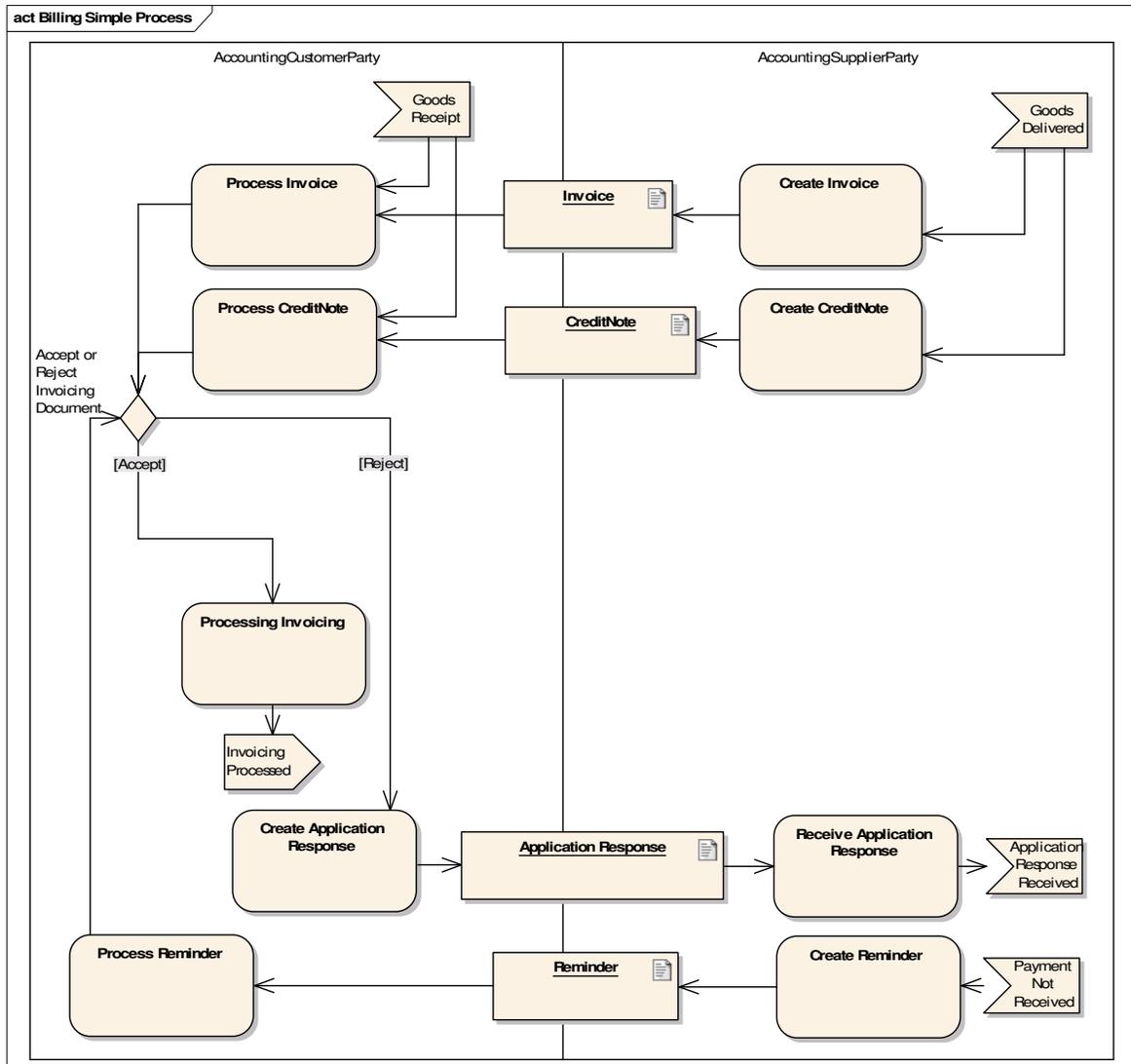


Figure 5, The BillingSimple process.

3. Procurement of flight tickets by credit card

3.1 Scenario Summary

This scenario describes the happy day variant of an online based procurement process for flight tickets paid by a credit card.

An employee at a government agency must attend a meeting in Hamburg with a colleague of his. As the agency is a complex organization the ordering of the tickets must be carried out by the procurement department. Therefore, he sends a request to the department describing the criteria for the flight and awaits further information. The procurement department orders the flight tickets and pay by a credit card.

The tickets will be online available on the employees flight company member cart.

This scenario describes the happy day variant.

3.2 Scenario Characteristics

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

- An employee at a government agency plays the role as the Originator Customer Party
 - The procurement department at the government agency plays the role as the Buyer Customer Party
 - The Originator Customer Party also plays the role as the Delivery Party
 - This scenario deals with a complex payment (the invoice is paid to the credit card company)
 - A private travel management company plays the role as Supplier
 - Customer and Supplier are capable of exchanging XML document instances using a network provider
 - There are no physical goods. The goods are represented by the flight tickets ordered.
 - The business documents used is an order response and an invoice. The order is replaced by a web form at the Supplier's website with credit card information.
 - As the order is not in play an order reference is provided by the Customer to be used in the invoice. This reference can be used to create an order record or order reference in the Customer's internal IT system
 - An invoice is sent to the Accounting Customer Party when the flight tickets are delivered
 - The tickets are available by the flight company member cart of the employee. However, this part of the procurement process is not covered by this scenario
 - This is the happy day scenario
-

3.3 Scenario Context

The context of this scenario does not include the following:

- The sourcing processes
- The fulfillment processes
- The payment process

3.3.1 Document usage

The following business documents are used within this scenario:

- Order Response
- Optional: OrderChange
- Invoice

3.3.2 Customer parties

Originator Customer Party:

Keld Thomsen
Afdeling 831
Employee number: KET
Account no: 324566-7

This is an example of an employee at IT- og Telestyrelsen identified with a unique employee number (company employee number). The employee uses an internal requisition system with a predefined workflow. The employee fills out the requisition form and his manager approves it, assigns the relevant account number and forwards the requisition to the procurement department.

Buyer Customer Party:

IT- og Telestyrelsen
Att. Jens Troelsen
Holsteinsgade 300
2100 København Ø
CVR: 11223344
GLN: 5798000416642

This is an example of a government agency. The agency uses an ERP system capable of receiving electronic order responses and invoices. The Accounting Customer Party is identified using a standard GLN location number.

Delivery Party:

IT- og Telestyrelsen
Att. Keld Thomsen
Holsteinsgade 300
2100 København Ø

The government agency has a separate department for goods receivable. However, in this scenario the flight ticket is delivered directly to the Originator Customer Party by his flight member card

3.3.3 Supplier parties

Seller Supplier Party:

TQ3 Travel Solutions

Att. Helle Navntofte
 Gl. Køge Landevej 22
 2500 Valby
 CVR: 73624118

This is an example of a private travel management company. The Supplier uses an ERP system capable of sending electronic order responses and invoices. The Supplier 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.

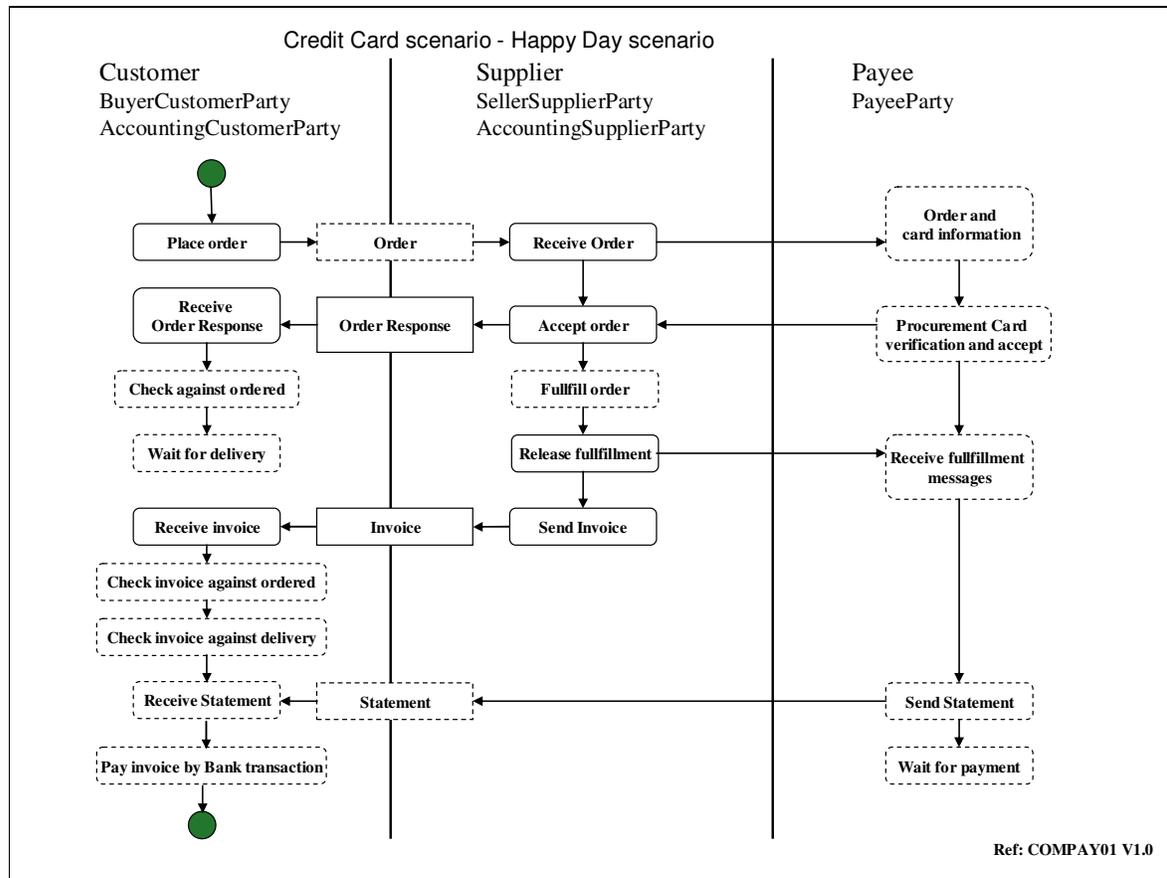


Figure 6

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 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).

3.5.1 Place order

When tickets are found that match the criteria specified by the Originator Customer Party they are ordered by filling out a web form at the Seller Supplier Party's website.

The Supplier and Customer are required to exchange the following key business information identities in the ordering process:

- Buyer Customer Party order number
- Buyer Customer Party Contact reference
- EndPointID of the Buyer Customer Party organization
- ID of Buyer Customer Party's organization
- ID of Seller Supplier Party's organization

This information gives the customer the opportunity to create an order record or order reference in their internal IT system for invoice matching.

3.5.2 Receive order

The Seller Supplier Party receives the order from the website. This process will typically be automated.

When the Seller Supplier Party receives the order the Buyer Customer Party gives the necessary credit card information for payment.

3.5.3 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 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

Before the Seller Supplier Party accept the order he needs an accept of reservation of the payment from the credit card company.

3.5.4 Receive response

The Buyer Customer Party receives the order response electronically from the Seller Supplier Party by a 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. The reference to the initiating order depends on the existence of the order record or order reference in the Buyer Customer Party's IT system.

3.5.5 Release fulfillment

When the supplier has fulfilled the order he releases the payment reservation and gets the payment of the invoice.

3.5.6 Send invoice

The Accounting Supplier Party produces one instance of the invoice document and sends it to the Accounting Customer Party following the delivery of the flight tickets. The invoice must contain a number of key business information identities:

- Accounting Customer Party order number
- Accounting Customer Party Contact reference
- Account code at the Buyer Customer Party
- EndPointID of the Accounting Customer Party organization
- ID of Accounting Customer Party's organization
- ID of Accounting Supplier Party's organization

The Accounting Supplier Party needs to fill out the Payment Means to indicate that the payment is received by the credit card company.

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 tickets to the Originator Party. 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 Accounting Customer Party

3.6.1.1 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) provided that an order record or order reference was created
- An automated creation of a corresponding record (object) in the customer's internal IT system for goods receivables
- An optional creation of a record (object) in the customer's internal IT system for subsequent invoice matching

3.6.1.2 Compare invoice with order

At the time the invoice arrives at the Accounting Customer Party it is automatically checked against the order provided that an order record was created.

3.6.1.3 Release payment automatically

At the time the payment advise from the credit card company arrives it can be checked against the invoice and the payment can be outlined.

3.6.2 Accounting Supplier Party

3.6.2.1 General benefits

The benefits for the Accounting Supplier Party are actually tied together with the automated payment process. The Accounting Supplier Party can be ensured that he will receive the payment, and he can outline the invoice as soon as he gets the payment at his bank account.

The Accounting Supplier Party doesn't have any administration of missing or late payment and the whole procurement process can be done automatically.

3.7 Examples

Keld Thomsen is employed at IT- og Telestyrelsen and must attend a meeting in Hamburg with a colleague of his. Therefore, Keld sends a request to the procurement department at IT- and Telestyrelsen who takes care of the actual purchase. The tickets will be e-mailed directly from TQ3 Travel Solutions to Keld.

This means that the following steps are performed:

1. Keld sends a request to the procurement department at IT- and Telestyrelsen on 2 flight tickets from Copenhagen to Hamburg
2. Jens Troelsen at the procurement department identifies the tickets in an online catalogue at TQ3 Travel Solutions website and places the order in a web form. Additionally, Jens creates an order record or order reference in their internal IT system based on information provided by TQ3 Travel Solutions
3. Helle Navntofte at TQ3 Travel Solutions accepts the order and returns an order response
4. Jens receives the order response, checks it against the order and informs Keld that the order is in progress
5. Following the delivery of the tickets an invoice is sent from TQ3 Travel Solutions to the procurement department at IT- og Telestyrelsen
6. At this department the invoice is matched with the order and Keld is asked whether the issued tickets are correct.
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.

OrderResponse:

COMPAY_01_01_00_OrderResponse_v2p1.xml

3.7.1.1 OrderResponse

Class	Field	Attribute	Value	Note ¹
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSel-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	

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OIOUBL Complex Payment Cycle

	ID		65830	
	CopyIndicator		false	
	UUID		9756b4ac-8815-1029-857a-e388fe63f399	
	IssueDate		2006-04-01	
	DocumentCurrencyCode		DKK	
OrderReference				
	ID		5002701	
	SalesOrderID		YTETXP	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
SellerSupplierParty				
Party				
	EndpointID		DK73624118	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624118	
		schemeID	DK:CVR	
PartyName				
	Name		TQ3 Travel Solutions	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Gl. Køge Landevej	
	BuildingNumber		22	
	CityName		Valby	
	PostalZone		2500	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK73624118	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Tavleleverandøren	
	CompanyID		DK16356706	
		schemeID	DK:CVR	
Contact				
	ID		7778	

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	Name		Helle Navntofte	
	Telephone		26804708	
	ElectronicMail		hn@tq3.dk	
BuyerCustomerParty				
Party				
	EndpointID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000700814	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		IT- og Telestyrelsen	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Holsteinsgade	
	BuildingNumber		63	
	CityName		København Ø	
	PostalZone		2100	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Den Lille Skole	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		EBS123123123	
	Name		Keld Thomsen	
DeliveryTerms				
	SpecialTerms		LIMITS OF LIABILITY: The applicable limits of liability for your journey on a flight operated by a carrier	
PaymentMeans				
	ID		1	
	PaymentMeansCode		48	
	PaymentDueDate		2006-01-15	
AllowanceCharge				
	ID		1	
	ChargeIndicator		true	
	AllowanceChargeReason		Service Fee	
	MultiplierFactorNumeric		1.000	

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	SequenceNumeric		1	
	Amount		75.00	
		currencyID	DKK	
	BaseAmount		75.00	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
TaxTotal				
	TaxAmount		1006.25	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		4025.00	
		currencyID	DKK	
	TaxAmount		1006.25	
		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		3950.00	
		currencyID	DKK	
	TaxExclusiveAmount		1006.25	
		currencyID	DKK	
	TaxInclusiveAmount		5031.25	
		currencyID	DKK	
	ChargeTotalAmount		75.00	
		currencyID	DKK	
	PayableAmount		5031.25	

OIOUBL Complex Payment Cycle

		currencyID	DKK	
OrderLine				
LineItem				
	ID		1	
	Quantity		1	
	LineExtensionAmount		1975	
		currencyID	DKK	
	TotalTaxAmount		245	
		currencyID	DKK	
Delivery				
	LatestDeliveryDate		2006-04-24	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Ellehammervej	
	BuildingNumber		Terminal 3	
	MarkAttention		Keld Thomsen	
	CityName		Kastrup	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
Price				
	PriceAmount		1730	
		currencyID	DKK	
Item				
	Description		Copenhagen - HAMBURG	
	Name		Business	
SellersItemIdentification				
	ID		SK1218	
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	
OrderLine				
LineItem				

OIOUBL Complex Payment Cycle

	ID		1	
	Quantity		1	
	LineExtensionAmount		1975	
		currencyID	DKK	
	TotalTaxAmount		245	
		currencyID	DKK	
Delivery				
	LatestDeliveryDate		2006-04-25	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Hamburgerstrasse	
	BuildingNumber		Terminal 6	
	MarkAttention		Keld Thomsen	
	CityName		Hamburg	
	PostalZone		3400	
Country				
	IdentificationCode		D	
Price				
	PriceAmount		1730	
		currencyID	DKK	
Item				
	Description		Hamburg - COPENHAGEN	
	Name		Economic	
	HazardousRiskIndicator		false	
SellersItemIdentification				
	ID		SK1426	
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	

Invoice:

COMPAY_01_01_00_Invoice_v2p1.xml

3.7.1.2 Invoice

Class	Field	Attribute	Value	Note ²
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdSel-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		A00095678	
	CopyIndicator		false	
	UUID		9756b4d0-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-20	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oioubl:codelist:invoicetypecode-1.1	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
OrderReference				
	ID		5002701	
	SalesOrderID		YTETXP	
	UUID		9756b468-8815-1029-857a-e388fe63f399	
	IssueDate		2005-11-01	
AccountingSupplierParty				
Party				
	EndpointID		DK73624118	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624118	
		schemeID	DK:CVR	
PartyName				
	Name		TQ3 Travel Solutions	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Gl. Køge Landevej	
	BuildingNumber		22	
	CityName		Valby	
	PostalZone		2500	
Country				
	IdentificationCode		DK	

OIOUBL Complex Payment Cycle

PartyTaxScheme			
	CompanyID		DK73624118
		schemeID	DK:SE
TaxScheme			
	ID		63
		schemeAgencyID	320
		schemeID	urn:oioubl:id:taxschemeid-1.1
	Name		Moms
PartyLegalEntity			
	RegistrationName		TQ3 Travel Solutions
	CompanyID		DK73624118
		schemeID	DK:CVR
Contact			
	ID		7778
	Name		Helle Navntofte
	Telephone		26804708
	ElectronicMail		hn@tq3.dk
AccountingCustomerParty			
Party			
	EndpointID		5798000700814
		schemeAgencyID	9
		schemeID	GLN
PartyIdentification			
	ID		5798000700814
		schemeAgencyID	9
		schemeID	GLN
PartyName			
	Name		IT- og Telestyrelsen
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oioubl:codelist:addressformatcode-1.1
	StreetName		Holsteinsgade
	BuildingNumber		63
	CityName		København Ø
	PostalZone		2100
Country			
	IdentificationCode		DK
PartyLegalEntity			
	RegistrationName		IT- og Telestyrelsen
	CompanyID		DK16356709
		schemeID	DK:CVR
Contact			

OIOUBL Complex Payment Cycle

	ID		EBS123123123	
	Name		Keld Thomsen	
PayeeParty				
	EndpointID		5798000416642	
		schemeAgencyID	9	
		schemeID	GLN	
PartyIdentification				
	ID		5798000416642	
		schemeAgencyID	9	
		schemeID	GLN	
PartyName				
	Name		Eurocard A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		H. J. Holst Vej 5	
	BuildingNumber		4	
	CityName		Brøndby	
	PostalZone		2605	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	RegistrationName		Eurocard A/S	
	CompanyID		DK16356709	
		schemeID	DK:CVR	
Contact				
	ID		EBS123123123	
	Name		Keld Thomsen	
DeliveryTerms				
	SpecialTerms		LIMITS OF LIABILITY: The applicable limits of liability for your journey on a flight operated by a carrier	
PaymentMeans				
	ID		1	
	PaymentMeansCode		48	
	PaymentDueDate		2006-01-15	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		5031.25	
		currencyID	DKK	
AllowanceCharge				
	ID		1	

OIOUBL Complex Payment Cycle

	ChargeIndicator		true	
	AllowanceChargeReason		Service Fee	
	MultiplierFactorNumeric		1.000	
	SequenceNumeric		1	
	Amount		75.00	
		currencyID	DKK	
	BaseAmount		75.00	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
TaxTotal				
	TaxAmount		1006.25	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		4025.00	
		currencyID	DKK	
	TaxAmount		1006.25	
		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		3950.00	
		currencyID	DKK	
	TaxExclusiveAmount		1006.25	
		currencyID	DKK	
	TaxInclusiveAmount		5031.25	
		currencyID	DKK	

OIOUBL Complex Payment Cycle

	ChargeTotalAmount		75.00	
		currencyID	DKK	
	PayableAmount		5031.25	
		currencyID	DKK	

3.7.1.3 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		1975.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
Delivery				
	ActualDeliveryDate		2006-04-24	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Ellehammervej	
	BuildingNumber		Terminal 3	
	MarkAttention		Keld Thomsen	
	CityName		Kastrup	
	PostalZone		3400	
Country				
	IdentificationCode		DK	
TaxTotal				
	TaxAmount		493.75	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		1975.00	
		currencyID	DKK	
	TaxAmount		493.75	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				

OIOUBL Complex Payment Cycle

	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
Item				
	Description		Copenhagen - HAMBURG	
	Name		Business	
SellersItemIdentification				
	ID		SK1218	
Price				
	PriceAmount		1975.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

3.7.1.4 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		2	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		1975.00	
		currencyID	DKK	
OrderLineReference				
	LineID		1	
Delivery				
	ActualDeliveryDate		2006-04-25	
DeliveryLocation				
Address				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Hamburgerstrasse	
	BuildingNumber		Terminal 6	
	MarkAttention		Keld Thomsen	
	CityName		Hamburg	
	PostalZone		3400	
Country				
	IdentificationCode		D	
TaxTotal				
	TaxAmount		493.75	
		currencyID	DKK	
TaxSubtotal				

OIOUBL Complex Payment Cycle

	TaxableAmount		1975.00	
		currencyID	DKK	
	TaxAmount		493.75	
		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		Hamburg - COPENHAGEN	
	Name		Business	
SellersItemIdentification				
	ID		SK1426	
Price				
	PriceAmount		1975.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

The corresponding example instance files are provided as:

- COMPAY_01_01_00_OrderResponse_v2p1.xml
- COMPAY_01_01_00_Invoice_v2p1.xml

4. Settlement of stamping from a minor school using Self Billed Invoice

4.1 Scenario Summary

This scenario describes how traditional business documents can be used in a procurement cycle where the amount to invoice is not known to the supplier beforehand.

The scenario deals with settlement of stamping at a minor school within a municipality.

The school uses a traditional franking machine for their stamping and need to send a monthly self billed invoice to the postal authority. A self billed invoice is an invoice created and send from the customer side.

At the school the accountant changes the invoice amount to reflect their actual usage of stamping based on the counter on the franking machine.

The concept is needs to be based on a signed contract between the two parties.

In this scenario it is assumed, as a precondition, that the mutual contract is signed. As a consequence only the invoicing process is described.

The municipality is identified with an GLN location number.

Only the Happy Day variant is described.

As an alternative to this scenario the settlement could be based on more advanced franking machines which make an electronic settlement of stamping possible. This removes the need for zero invoicing. The postal authority in Denmark expects this to be mandatory within few years.

4.2 Scenario Characteristics

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

- One contract → Several Self Billed Invoices
- The procurement cycle is initiated by the accountant at the school who becomes the Originator Party
- The Buyer Customer Party organization is complex (the municipality has a large number of different departments and institutions)
- The parties are capable of exchanging XML document instances (using their network provider)
- The Invoice is sent to the Accounting Customer Party once a month
- This is the happy day scenario

4.3 Scenario Context

The context of this scenario does not include the following:

- The ordering process (the contract)
- The fulfillment process
- The payment process

4.3.1 Document usage

The involved business documents are the following:

- Self Billed Invoice
- Application Response

4.3.2 Customer parties

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

Buyer Customer Party and Accounting Customer Party:

Gentofte Kommune, Økonomiservice
Att. Sille Schyberg
Bernstorffsvej 161
2920 Charlottenlund
GLN: 5798000416604

This is an example of the central procurement department at the municipality. The department uses an ERP system capable of receiving and sending electronic documents. The Buyer Customer Party is identified with a standard GLN location number and optionally an Account code.

4.3.3 Supplier parties

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

Seller Supplier Party and Accounting Supplier Party:

Post Danmark A/S
Tietgensgade 37
1566 København V
CVR: 21113239

This is an example of the postal authority which becomes the Seller Supplier Party. The Seller Supplier Party is identified with a unique Company identification number (CVR). Their ERP system is capable of receiving and sending electronic documents.

4.4 Scenario Activity Diagram

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

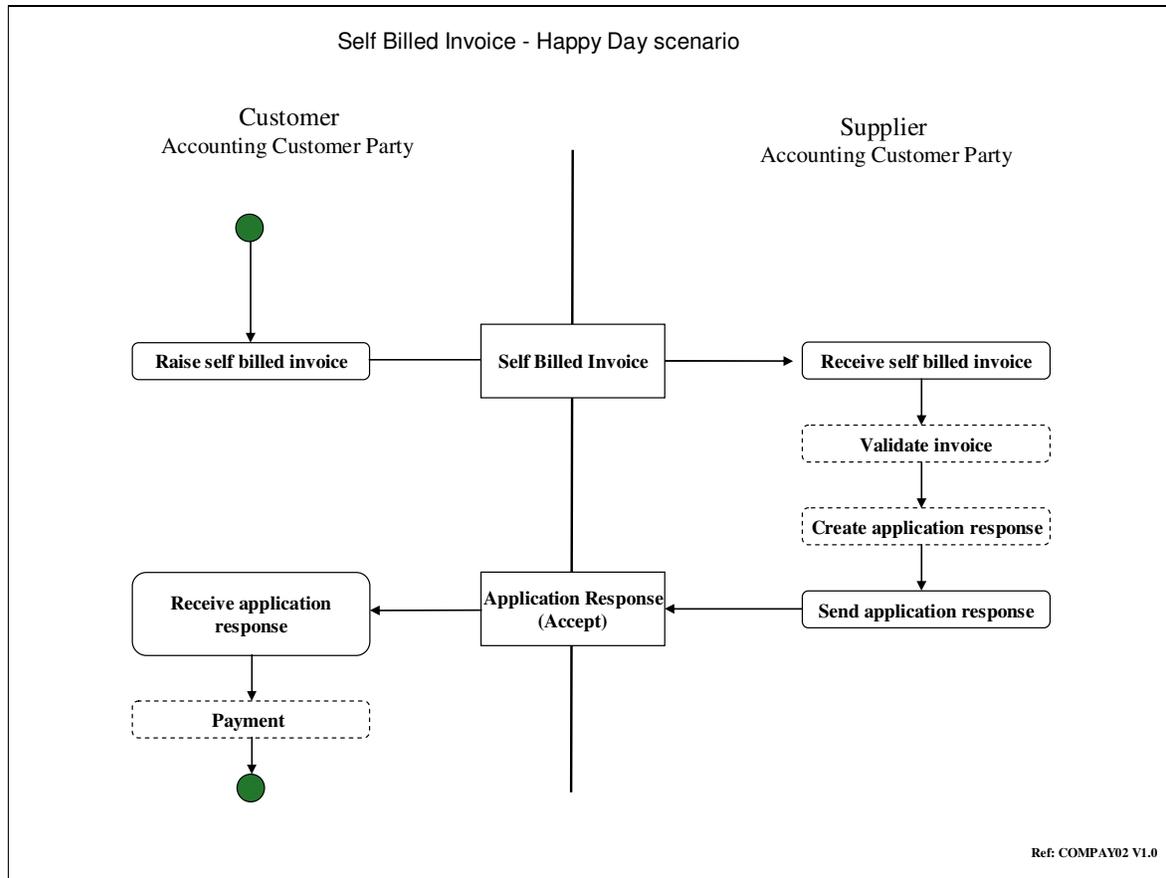


Figure 7

4.5 Detailed description of primary activities

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

4.5.1 Send Self Billed Invoice(s)

The Accounting Customer Party produces one instance of the Self Billed Invoice document once a month. The Self Billed 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

4.5.2 Receive Self Billed Invoice

The Accounting Supplier Party receives the Self Billed Invoice. The following should be checked:

- A match with EndPointID of the Buyer Customer Party's Organization

4.6 Internal processes and eBusiness benefits

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

4.6.1 Accounting Customer Party

4.6.1.1 Check invoice

The Accounting Customer Party should perform the following check:

- A match with EndPointID
- A match with order number
- A match with contact person

4.6.1.2 Identify invoice amount

The Accounting Customer Party needs to contact the accountant at the school in order to get the actual usage based on the counter on the franking machine. The invoice amount can then be calculated and changed on the invoice to reflect their actual usage of stamping.

4.6.1.3 Pay invoice

The Invoice is paid.

4.6.2 Accounting Supplier Party

4.6.2.1 Sign contract

The contract is signed. In order to meet the requirements of the public procurement rules within Denmark, the following key Business Information Identities must be provided in order to be present on the invoice:

- Buyer Customer Party's Order Number
- Contact Reference at Buyer Customer Party
- EndPointID of the Customer's Organization

4.7 Examples

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

4.7.1 Example 4.1

Hugo Stampsen is the accountant at the school and responsible for the franking machine. The following steps are performed:

1. Hugo signs the contract with the postal authority
2. Once a month Sille receives the counter stand of the franking machine from Hugo
3. Sille create the Self Billed Invoice and approves it
4. When the postal company receives the Self Billed Invoice they create an Application Response to accept the total amount of the invoice.

5. The invoice is then ready for payment

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

SelfBilledInvoice:

COMPAY_02_02_00_SelfBilledInvoice_v2p1.xml

4.7.1.1 SelfBilledInvoice

Class	Field	Attribute	Value	Note ³
	Note		Dette dokument medtages i et senere release af OIOUBL	

ApplicationResponse:

COMPAY_02_02_00_ApplicationResponse_v2p1.xml

4.7.1.2 ApplicationResponse

Class	Field	Attribute	Value	Note ⁴
	Note		Dette dokument medtages i et senere release af OIOUBL	

The corresponding example instance files are provided as:

- COMPAY_02_02_00_SelfBilledInvoice_v2p1.xml
- COMPAY_02_02_00_ApplicationResponse_v2p1.xml

3

4

5. Payment administration using factoring company

5.1 Scenario Summary

This scenario describes a variant of a procurement process for computer components bought at a computer company using a factoring company to administrate the invoicing and reminder processes.

An employee at a government agency wants to buy a computer. Therefore, he sends an order to the computer company. He gets an acceptance of the ordered computer from the computer company. The computer company sends him an invoice which has to be paid to the factoring company.

It is still the computer company who own the invoice rights, but it has an agreement with the factoring company to receive the payment and administrate all the debtors of the computer company including administrate reminders etc.

5.2 Scenario Characteristics

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

- An employee at a government agency plays the role as the Buyer Customer Party
- This scenario deals with a complex payment. The invoice is created and delivered by the Accounting Supplier Party and the invoice has to be paid to a factoring company, who also create and send the reminders.
- Factoring company plays the role as Payee Party
- Customer, supplier and factoring are capable of exchanging XML document instances using a network provider
- The business documents used is an Order Response Simple, an Invoice and a Reminder.
- The invoice is send from the Accounting Supplier Party indicating the factoring company as Payee Party.
- The invoice value is not transferred to the factoring company.
- The factoring company has the rights to send reminders.

5.3 Scenario Context

The context of this scenario does not include the following:

- The sourcing processes
- The fulfillment processes
- The payment process

5.3.1 Document usage

The following business document is used within this scenario:

- Order
- Order Response Simple
- Invoice
- Reminder

5.3.2 Customer parties

Buyer Customer Party and Accounting Customer Party:

IT- og Telestyrelsen
Att. Jens Troelsen
Holsteinsgade 300
2100 København Ø
CVR: 11223344
GLN: 5798000416642
PersonalID: 90000000550
AccountID: 5250124502

This is an example of a government agency. The agency uses an ERP system capable of receiving electronic order responses, invoices and reminders. The Accounting Customer Party is identified using a standard GLN location number.

5.3.3 Supplier parties

SellerSupplier Party and Accounting Supplier Party:

High Tech Computer A/S
Gl. Køge Landevej 40
2500 Valby
CVR: 73624230

This is an example of a computer company. The Supplier uses an ERP system capable of sending electronic order responses and invoices. The Supplier is identified using a unique VAT identification number (CVR).

5.3.4 Payee party

Payee Party:

Value Factoring A/S
Bredgade 40
1260 København K
CVR: 73624570

This is an example of a factoring company. The factoring company uses an ERP system capable of sending electronic reminders. The Payee 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.

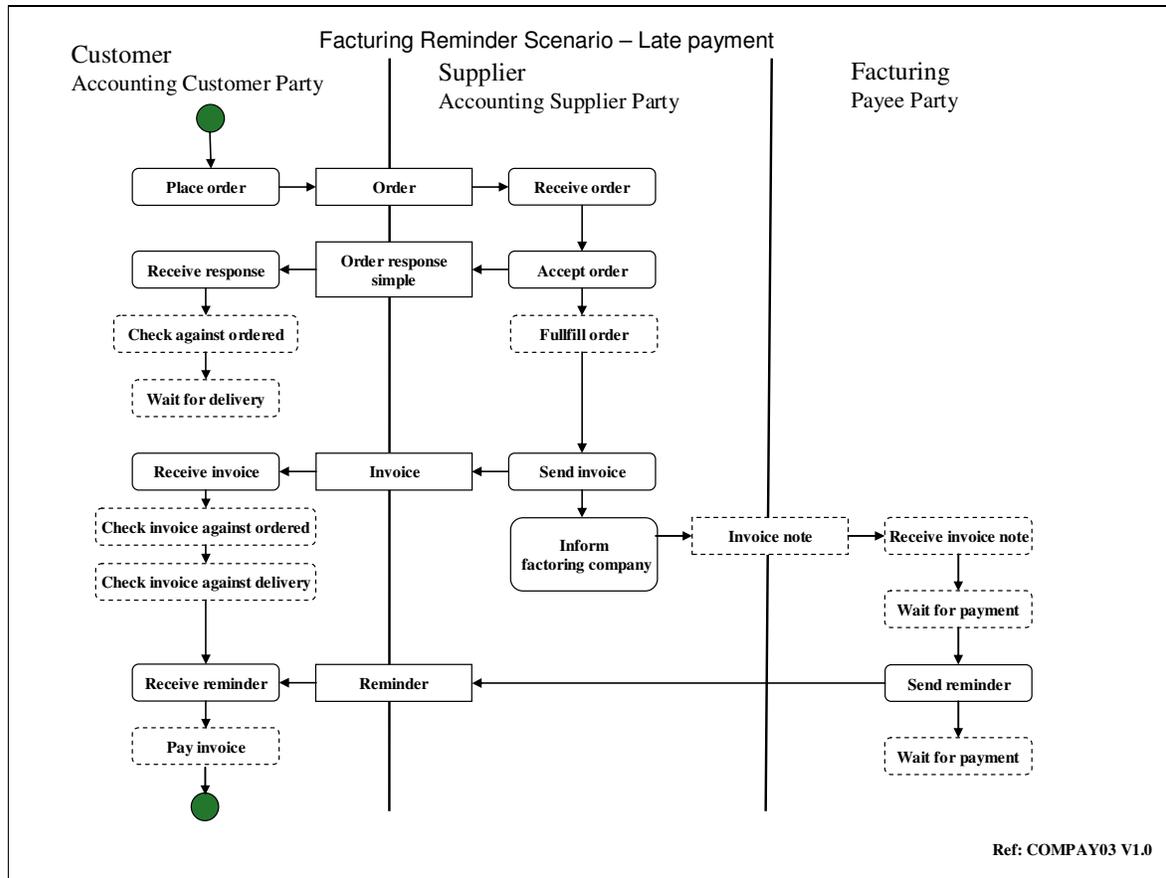


Figure 8

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 8). 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 Place order

When the computer component is identified the buyer creates an order in the companies ERP-system.

The Supplier and Customer are required to exchange the following key business information identities in the ordering process:

- Customer's order number
- Customer Contact reference
- GLN location number of the Customer's organization

- ID of Buyer Customer Party's organization
- ID of Seller Supplier Party's organization

This information gives the customer the opportunity to create an order record or order reference in their internal IT system for invoice matching.

5.5.2 Receive order

The Supplier receives the order electronically from its network provider. This process will typically be automated.

5.5.3 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

5.5.4 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.

5.5.5 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 order number
- Buyer Customer Party Contact reference
- EndPointID of the customers organization
- ID of Accounting Customer Party's organization and its legal entity number
- ID of Accounting Supplier Party's organization and its legal entity number
- ID of the Payee Party's organization and its legal entity number

The Accounting Supplier Party needs to fill out the Payment Means to the bank account of the factoring company.

At the same time the supplier send advis to the factoring company about the invoice with necessary numbers and values etc. This part of the process is not covered by this scenario.

5.5.6 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 computer components. This process can be more or less automated.

5.5.7 Receive invoice note

The Payee Party (factoring company) receives the invoice note. The factoring company waits for the payment, and eventually sends a Reminder.

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 Accounting 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) provided that an order record or order reference was created
- An automated creation of a corresponding record (object) in the customer's internal IT system for goods receivables
- An optional creation of a record (object) in the customer'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 provided that an order record was created.

5.6.2 Accounting Supplier Party

5.6.2.1 General benefits

The benefits for the Accounting Supplier Party are actually tied together with the automated payment process. The Accounting Supplier Party can be ensure, that he will receive the payment, and he can outline the invoice as soon as he get the payment at his bank account.

The Accounting Supplier Party doesn't have any administration of missing or late payment and the whole procurement process can be done automatically.

If the Accounting Customer Party doesn't pay the invoice at the right time the factoring company administrates this and sends the Accounting Customer Party a Reminder.

5.6.3 Payee Party

The factoring company gets an invoice advice when the Invoice is send to the Accounting Customer Party. This can be done electronically. When the Accounting Customer Party pays the Invoice the Accounting Customer Party account it is automatically outlined. If the Invoice is not paid at the right time the factoring company sends the Accounting Customer Party a Reminder.

In this case the factoring company only administrates the payment. They have not bought the right to the invoice value.

5.7 Examples

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

5.7.1 Example 5.1

Jens Troelsen is employed at IT- og Telestyrelsen and wants to buy a computer from the computer company High Tech Computer A/S.

This means that the following steps are performed:

1. Jens sends an order to the computer company
2. High Tech Computer A/S checks that the computer can be delivered in the way that has been ordered.
3. High Tech Computer A/S sends an Order Response Simple to advise Jens Troelsen about the acceptance of the delivery of the computer.
4. When the computer is shipped from the computer company's they send the invoice. At the same time they send an invoice advice to the factoring company with all the necessary information.
5. When the computer is delivered Jens checks it against the order and accepts the invoice.
6. In this case the invoice is not paid at the right time. Therefore the factoring company send a Reminder.

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

Order:

COMPAY_03_03_00_Order_v2p1.xml

5.7.1.1 Order

Class	Field	Attribute	Value	Note ⁵
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdAdv-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		5002902	
	CopyIndicator		false	
	UUID		569ED478-0EBE-4817-A234-DFB9ACA86784	
	IssueDate		2006-04-01	
	Note		Order note	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
BuyerCustomerParty				
Party				
	EndpointID		DK11223344	

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OIOUBL Complex Payment Cycle

		schemeID	DK:CVR	
PartyIdentification				
	ID		DK11223344	
		schemeID	DK:CVR	
PartyName				
	Name		IT- og Telestyrelsen	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Holsteinsgade	
	BuildingNumber		300	
	CityName		København K	
	PostalZone		2100	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK11223344	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		IT- og Telestyrelsen	
	CompanyID		DK11223344	
		schemeID	DK:CVR	
Contact				
	ID		37854993	
	Name		Jens Troelsen	
	Telephone		26532150	
	ElectronicMail		jestroelsen@dls.dk	
SellerSupplierParty				
Party				
	EndpointID		DK73624230	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624230	
		schemeID	DK:CVR	
PartyName				
	Name		High Tech Computer A/S	
PostalAddress				

OIOUBL Complex Payment Cycle

	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Gl. Køge Landevej	
	BuildingNumber		40	
	CityName		Valby	
	PostalZone		2500	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK73624230	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		High Tech Computer A/S	
	CompanyID		DK73624230	
		schemeID	DK:CVR	
Delivery				
RequestedDeliveryPeriod				
	StartDate		2006-04-02	
	EndDate		2006-04-02	
TaxTotal				
	TaxAmount		1996.25	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		7985	
		currencyID	DKK	
	TaxAmount		1996.25	
		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	

OIOUBL Complex Payment Cycle

AnticipatedMonetaryTotal				
	LineExtensionAmount		7985.00	
		currencyID	DKK	
	TaxExclusiveAmount		1996.25	
		currencyID	DKK	
	TaxInclusiveAmount		9981.25	
		currencyID	DKK	
	PayableAmount		9981.25	
		currencyID	DKK	

5.7.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	EA	
	LineExtensionAmount		7985.00	
		currencyID	DKK	
Price				
	PriceAmount		7985.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	
Item				
	Description		LIFEBOOK E8020 with 15,4" widescreen display	
	Name		LIFEBOOK E8020	
SellersItemIdentification				
	ID		VFY:C1320BT-11DK	

OrderResponseSimple:

COMPAY_03_03_00_OrderReponseSimple_v2p1.xml

5.7.1.3 OrderResponseSimple

Class	Field	Attribute	Value	Note ⁶
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdAdv-BilSim-1.0	

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OIOUBL Complex Payment Cycle

		schemeAgencyID	320
		schemeID	urn:oioubl:id:profileid-1.1
	ID		6583024
	CopyIndicator		false
	UUID		569ED478-0EBE-4817-A234-DFB9ACA88943
	IssueDate		2006-04-02
	AcceptedIndicator		true
OrderReference			
	ID		5002902
	IssueDate		2006-04-01
SellerSupplierParty			
Party			
	EndpointID		DK73624230
		schemeID	DK:CVR
PartyIdentification			
	ID		DK73624230
		schemeID	DK:CVR
PartyName			
	Name		High Tech Computer A/S
PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oioubl:codelist:addressformatcode-1.1
	StreetName		Gl. Køge Landevej
	BuildingNumber		40
	CityName		Valby
	PostalZone		2500
Country			
	IdentificationCode		DK
PartyTaxScheme			
	CompanyID		DK73624230
		schemeID	DK:SE
TaxScheme			
	ID		63
		schemeAgencyID	320
		schemeID	urn:oioubl:id:taxschemeid-1.1
	Name		Moms
PartyLegalEntity			
	RegistrationName		High Tech Computer A/S
	CompanyID		DK73624230
		schemeID	DK:CVR
BuyerCustomerParty			
Party			

OIOUBL Complex Payment Cycle

	EndpointID		DK11223344	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK11223344	
		schemeID	DK:CVR	
PartyName				
	Name		IT- og Telestyrelsen	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Holsteinsgade	
	BuildingNumber		300	
	CityName		København K	
	PostalZone		2100	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK11223344	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		IT- og Telestyrelsen	
	CompanyID		DK11223344	
		schemeID	DK:CVR	
Contact				
	ID		37854993	
	Name		Jens Troelsen	
	Telephone		26532150	
	ElectronicMail		jenstroelsen@dls.dk	

Invoice:

COMPAY_03_03_00_Invoice_v2p1.xml

OIOUBL Complex Payment Cycle

5.7.1.4 Invoice

Class	Field	Attribute	Value	Note
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdAdv-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:profileid-1.1	
	ID		65830241	
	CopyIndicator		false	
	UUID		569ED478-0EBE-4817-A234-DFB9ACA85432	
	IssueDate		2006-04-01	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oiubl:codelist:invoicetypecode-1.1	
	Note		Invoice note	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
OrderReference				
	ID		5002902	
	IssueDate		2006-04-01	
AccountingSupplierParty				
Party				
	EndpointID		DK73624230	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624230	
		schemeID	DK:CVR	
PartyName				
	Name		High Tech Computer A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Gl. Køge Landevej	
	BuildingNumber		40	
	CityName		Valby	
	PostalZone		2500	
Country				
	IdentificationCode		DK	
PartyTaxScheme				

OIOUBL Complex Payment Cycle

	CompanyID		DK73624230	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		High Tech Computer A/S	
	CompanyID		DK73624230	
		schemeID	DK:CVR	
AccountingCustomerParty				
Party				
	EndpointID		DK11223344	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK11223344	
		schemeID	DK:CVR	
PartyName				
	Name		IT- og Telestyrelsen	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Holsteinsgade	
	BuildingNumber		300	
	CityName		København K	
	PostalZone		2100	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK11223344	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		IT- og Telestyrelsen	
	CompanyID		DK11223344	
		schemeID	DK:CVR	
Contact				

OIOUBL Complex Payment Cycle

	ID		37854993	
	Name		Jens Troelsen	
	Telephone		26532150	
	ElectronicMail		jenstroelsen@dls.dk	
PayeeParty				
	EndpointID		DK73624570	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624570	
		schemeID	DK:CVR	
PartyName				
	Name		Value Facturing A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Bredgade	
	BuildingNumber		40	
	CityName		København K	
	PostalZone		1260	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	CompanyID		DK73624570	
		schemeID	DK:CVR	
Delivery				
	ActualDeliveryDate		2006-04-02	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2006-04-25	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		0005704966	
FinancialInstitutionBranch				
	ID		9566	
	Name		New Bank	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		9981.25	

OIOUBL Complex Payment Cycle

		currencyID	DKK	
TaxTotal				
	TaxAmount		1996.25	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		7985.00	
		currencyID	DKK	
	TaxAmount		1996.25	
		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	
LegalMonetaryTotal				
	LineExtensionAmount		7985.00	
		currencyID	DKK	
	TaxExclusiveAmount		1996.25	
		currencyID	DKK	
	TaxInclusiveAmount		9981.25	
		currencyID	DKK	
	PayableAmount		9981.25	
		currencyID	DKK	

5.7.1.5 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	EA	
	LineExtensionAmount		7985.00	
		currencyID	DKK	
TaxTotal				
	TaxAmount		1996.25	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		7985.00	
		currencyID	DKK	

OIOUBL Complex Payment Cycle

	TaxAmount		1996.25	
		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		LIFEBOOK E8020 with 15,4" widescreen display	
	Name		LIFEBOOK E8020	
SellersItemIdentification				
	ID		VFY:C1320BT-11DK	
Price				
	PriceAmount		7985.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	EA	
	OrderableUnitFactorRate		1	

Reminder:

COMPAY_03_03_00_Reminder_v2p1.xml

5.7.1.6 Reminder

Class	Field	Attribute	Value	Note ⁸
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdAdv-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		77894325	
	CopyIndicator		false	
	UUID		569ED478-0EBE-4817-A234-DFB9ACA75325	
	IssueDate		2006-04-15	
	ReminderTypeCode		Advis	

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OIOUBL Complex Payment Cycle

		listAgencyID	320	
		listID	urn:oioubl.codelist:remindertypecode-1.1	
	ReminderSequenceNumeric		1	
	Note		1. rykker. Betales fakturaen ikke inden angiven dato, tillægges gebyr	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250124502	
AccountingSupplierParty				
Party				
	EndpointID		DK73624230	
		schemelD	DK:CVR	
PartyIdentification				
	ID		DK73624230	
		schemelD	DK:CVR	
PartyName				
	Name		High Tech Computer A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl.codelist:addressformatcode-1.1	
	StreetName		Gl. Køge Landevej	
	BuildingNumber		40	
	CityName		Valby	
	PostalZone		2500	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK73624230	
		schemelD	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemelD	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		High Tech Computer A/S	
	CompanyID		DK73624230	
		schemelD	DK:CVR	
AccountingCustomerParty				
Party				
	EndpointID		DK11223344	
		schemelD	DK:CVR	
PartyIdentification				

OIOUBL Complex Payment Cycle

	ID		DK11223344	
		schemeID	DK:CVR	
PartyName				
	Name		IT- og Telestyrelsen	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Holsteinsgade	
	BuildingNumber		300	
	CityName		København K	
	PostalZone		2100	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK11223344	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		IT- og Telestyrelsen	
	CompanyID		DK11223344	
		schemeID	DK:CVR	
Contact				
	ID		37854993	
	Name		Jens Troelsen	
	Telephone		26532150	
	ElectronicMail		jenstroelsen@dls.dk	
PayeeParty				
	EndpointID		DK73624570	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624570	
		schemeID	DK:CVR	
PartyName				
	Name		Value Facturing A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	

OIOUBL Complex Payment Cycle

	StreetName		Bredgade	
	BuildingNumber		40	
	CityName		København K	
	PostalZone		1260	
Country				
	IdentificationCode		DK	
PartyLegalEntity				
	CompanyID		DK73624570	
		schemeID	DK:CVR	
PaymentMeans				
	ID		1	
	PaymentMeansCode		42	
	PaymentDueDate		2006-04-25	
	PaymentChannelCode		DK:BANK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:paymentchannelcode-1.1	
PayeeFinancialAccount				
	ID		0005704966	
FinancialInstitutionBranch				
	ID		9566	
	Name		New Bank	
PaymentTerms				
	ID		1	
	PaymentMeansID		1	
	Amount		9981.25	
		currencyID	DKK	
TaxTotal				
	TaxAmount		1996.25	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		7985.00	
		currencyID	DKK	
	TaxAmount		1996.25	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	

OIOUBL Complex Payment Cycle

		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
LegalMonetaryTotal				
	LineExtensionAmount		7985.00	
		currencyID	DKK	
	TaxExclusiveAmount		1996.25	
		currencyID	DKK	
	TaxInclusiveAmount		9981.25	
		currencyID	DKK	
	PayableAmount		9981.25	
		currencyID	DKK	

5.7.1.7 ReminderLine

Class	Field	Attribute	Value	Note
	ID		1	
	DebitLineAmount		9981.25	
		currencyID	DKK	
BillingReference				
InvoiceDocumentReference				
	ID		65830241	
	UUID		569ED478-0EBE-4817-A234-DFB9ACA85432	
	IssueDate		2006-04-01	

The corresponding example instance files are provided as:

- COMPAY_03_03_00_Order_v2p1.xml
- COMPAY_03_03_00_OrderReponseSimple_v2p1.xml
- COMPAY_03_03_00_Invoice_v2p1.xml
- COMPAY_03_03_00_Reminder_v2p1.xml

6. Magazine subscription administration by 3rd party

6.1 Scenario Summary

This scenario describes the happy day variant of the procurement process for a monthly magazine subscription by 3rd party.

A government department has a subscription of a monthly magazine. The government agency send an order without expire date for the magazine subscription. The magazine subscription has been sold by an agent

The magazine agent administrates the whole selling process ending with a subscription. A 3rd party company administrates the invoicing process and payment administration and gets all rights to receive the payment and losses.

The ordering process is done between the customer and the supplier (agent) and the invoicing process is done between the 3rd party (supplier) and the customer

This scenario describes the happy day variant.

6.2 Scenario Characteristics

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

- The order and order response process is done between two legal parties
- The invoicing and payment administration is done by another legal party
- The order is an ongoing order without expire date.
- The government department plays the role as the Buyer Customer Party and Accounting Customer Party
- The magazine agency plays the role as Seller Supplier Party
- The 3rd party invoicing company plays the role as Accounting Supplier Party
- Customer and Supplier are capable of exchanging XML document instances using a network provider
- The business documents used is an order, order response simple and an invoice.
- This is the happy day scenario

6.3 Scenario Context

The context of this scenario does not include the following:

- The sourcing processes
- The fulfillment processes
- The payment process

6.3.1 Document usage

The following business document is used within this scenario:

- Order
- Order Response Simple

- Invoice

6.3.2 Customer parties

Buyer Customer Party and Accounting Customer Party:

Økonomistyrelsen
Att. Hans Jensen
Landgreven 4
1017 København K
CVR: 44556677
GLN: 5798000416745

This is an example of a government department. The department uses an ERP system capable of sending electronic order and receiving electronic order responses and invoices. The Accounting Customer Party is identified using a company identification number (CVR).

6.3.3 Supplier parties

Seller Supplier Party:

Software Magazine A/S
Gl. Køge Landevej 60
2500 Valby
CVR: 73624456

This is an example of a private company. The Supplier uses an ERP system capable of receiving electronic orders and sending electronic order responses. The Supplier is identified using a unique VAT identification number (CVR).

Accounting Supplier Party:

Global Magazine Corporate A/S
Vesterbrogade 25
9000 Aalborg
CVR: 56781234

This is an example of a private company who administrate a lot of magazine subscriptions. The Supplier uses an ERP system capable of invoices. The Supplier is identified using a unique company identification number (CVR).

6.4 Scenario Activity Diagram

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

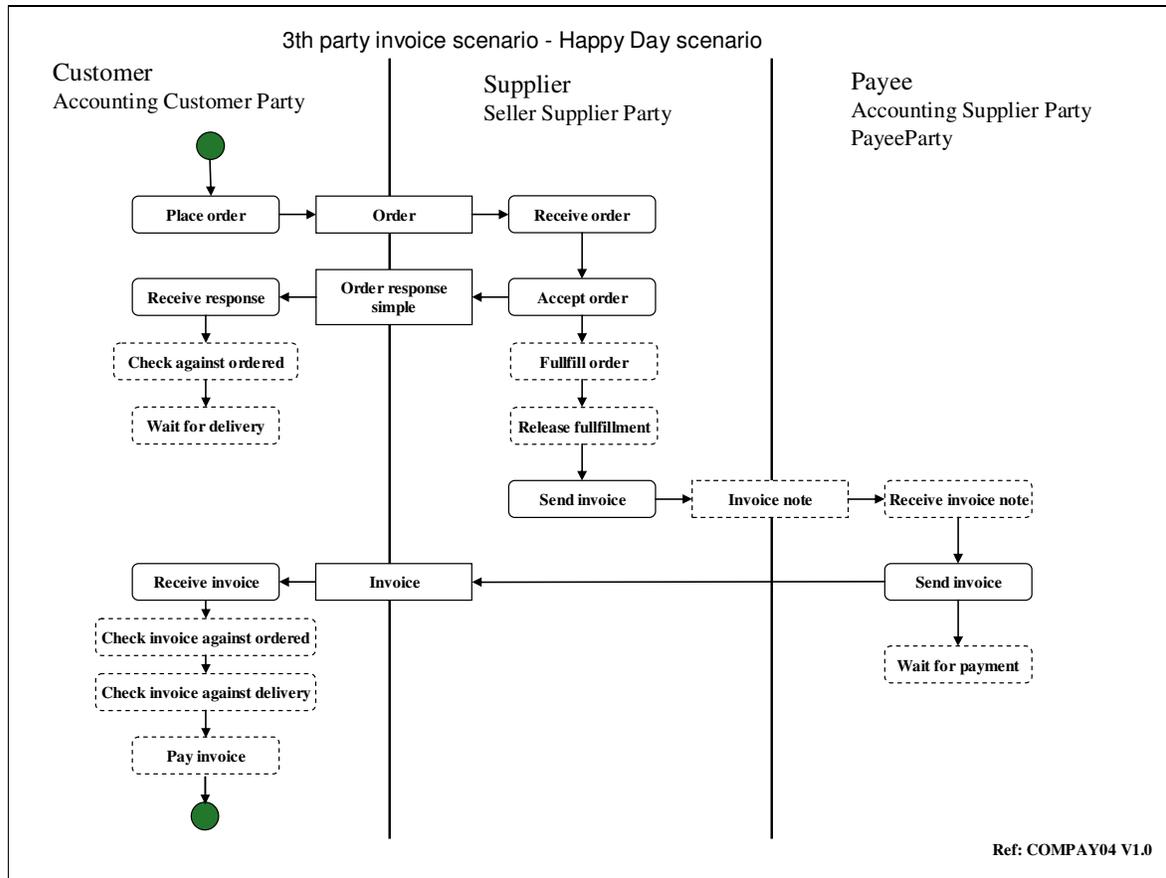


Figure 9

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 9). 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).

6.5.1 Place order

The government department wants to buy a subscription of a monthly software magazine. The department creates an order without expire date for the subscription.

The Supplier and Customer are required to exchange the following key business information identities in the ordering process:

- Buyer Customer Party's order number
- Buyer Customer Party's Contact reference
- EndPointID of the Buyer Customer Party's organization

- ID of Buyer Customer Party's organization
- ID of Seller Supplier Party's organization

This information gives the customer the opportunity to create an order record or order reference in their internal IT system for invoice matching.

6.5.2 Receive order

The magazine agent receives the order from the Buyer Customer Party with the necessary information

6.5.3 Accept order

The Seller Supplier Party needs to verify whether the information in the order can be accepted. 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

After the Seller Supplier Party has send the Order Response Simple he send an invoice advise to the Accounting Supplier Party (3rd party) who send the invoice to the customer and administrate the payment.

6.5.4 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. The reference to the initiating order depends on the existence of the order record or order reference in the Buyer Customer Party's IT system.

6.5.5 Send invoice

When the Accounting Customer Party (3rd party) receives the invoice advise from the Seller Supplier Party he produces one instance of the invoice document and sends it to the customer (Accounting Customer Party).

The invoice must contain a number of key business information identities:

- Buyer Customer Party's order number
- Buyer Customer Party's Contact reference
- EndPointID of the Accounting Customer Party's organization
- ID of Accounting Customer Party's organization
- ID and legal entity ID of Accounting Customer Party's organization

The Accounting Supplier Party needs to fill out the Payment Means to indicate that the payment has to be done to the Accounting Customer Party's bank account.

6.5.6 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. 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 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) provided that an order record or order reference was created
- An optional creation of a record (object) in the customer'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 provided that an order record was created.

6.6.1.3 Automatically payment

At the time the invoice is received and compared with the order the payment can be done.

6.6.2 Seller Supplier Party

The Seller Supplier Party only need to take care of the selling process. He accepts the order and all the invoicing and payment processes is done by the 3rd party.

The supplier receives his money of the subscription each time it has been paid by the Accounting Customer Party.

6.6.3 Accounting Supplier Party

The Accounting Supplier Party only take care of the administration of invoices, reminders and payments.

6.7 Examples

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

6.7.1 Example 6.1

Hans Jensen is employed at Økonomistyrelsen and needs to get a subscription of a monthly magazine of software engineering.

This means that the following steps are performed:

1. Hans Jensen identifies the ISBN number, title and prices etc. of the magazine Hans creates an order record in their internal IT system based on information provided by the magazine supplier
2. Hans Jensen gets an order response from the magazine supplier of the subscription
3. Later on Hans Jensen gets an invoice from the 3rd party (Accounting Supplier Party) who administrate the subscription
4. At this time the department match the invoice with the order
5. The invoice is now ready for payment to the 3rd party.

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

Order:

COMPAY_04_04_00_Order_v2p1.xml

6.7.1.1 Order

Class	Field	Attribute	Value	Note ⁹
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdAdv-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		5002815	
	CopyIndicator		false	
	IssueDate		2006-04-01	
	Note		Order note	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250145007	
BuyerCustomerParty				
Party				
	EndpointID		DK44556677	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK44556677	
		schemeID	DK:CVR	
PartyName				
	Name		Økonomistyrelsen	
PostalAddress				

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OIOUBL Complex Payment Cycle

	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Landgreven	
	BuildingNumber		4	
	CityName		København K	
	PostalZone		1017	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK44556677	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Økonomistyrelsen	
	CompanyID		DK44556677	
		schemeID	DK:CVR	
Contact				
	ID		49685	
	Name		Hans Jensen	
	Telephone		26533456	
	ElectronicMail		hansjensen@oes.dk	
SellerSupplierParty				
Party				
	EndpointID		DK73624230	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624230	
		schemeID	DK:CVR	
PartyName				
	Name		Software Magazine A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Gl. Køge Landevej	
	BuildingNumber		60	
	CityName		Valby	
	PostalZone		2500	

OIOUBL Complex Payment Cycle

Country			
	IdentificationCode		DK
PartyTaxScheme			
	CompanyID		DK73624456
		schemeID	DK:SE
TaxScheme			
	ID		63
		schemeAgencyID	320
		schemeID	urn:oioubl:id:taxschemeid-1.1
	Name		Moms
PartyLegalEntity			
	RegistrationName		Software Magazine A/S
	CompanyID		DK73624456
		schemeID	DK:CVR
TaxTotal			
	TaxAmount		137.50
		currencyID	DKK
TaxSubtotal			
	TaxableAmount		550.00
		currencyID	DKK
	TaxAmount		137.50
		currencyID	DKK
TaxCategory			
	ID		StandardRated
		schemeAgencyID	320
		schemeID	urn:oioubl:id:taxcategoryid-1.1
	Percent		25
TaxScheme			
	ID		63
		schemeAgencyID	320
		schemeID	urn:oioubl:id:taxschemeid-1.1
	Name		Moms
AnticipatedMonetaryTotal			
	LineExtensionAmount		550.00
		currencyID	DKK
	TaxExclusiveAmount		137.50
		currencyID	DKK
	TaxInclusiveAmount		687.50
		currencyID	DKK
	PayableAmount		687.50
		currencyID	DKK

6.7.1.2 OrderLine

Class	Field	Attribute	Value	Note
LineItem				
	ID		1	
	Quantity		1.00	
		unitCode	ANN	
	LineExtensionAmount		550.00	
		currencyID	DKK	
Price				
	PriceAmount		550.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	ANN	
	OrderableUnitFactorRate		1	
Item				
	Description		Software engineering and development magazine for the experts	
	Name		Software Engineering, subscription	
SellersItemIdentification				
	ID		SE200304-675	
StandardItemIdentification				
	ID		8701411322-	
		schemeID	ISBN	

OrderResponseSimple:

COMPAY_04_04_00_OrderReponseSimple_v2p1.xml

6.7.1.3 OrderResponseSimple

Class	Field	Attribute	Value	Note ¹⁰
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdAdv-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:profileid-1.1	
	ID		6583135	
	CopyIndicator		false	
	IssueDate		2006-04-02	
	AcceptedIndicator		true	
OrderReference				
	ID		5002815	

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OIOUBL Complex Payment Cycle

	IssueDate		2006-04-01	
SellerSupplierParty				
Party				
	EndpointID		DK73624230	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624230	
		schemeID	DK:CVR	
PartyName				
	Name		Software Magazine A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Gl. Køge Landevej	
	BuildingNumber		60	
	CityName		Valby	
	PostalZone		2500	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK73624456	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Software Magazine A/S	
	CompanyID		DK73624456	
		schemeID	DK:CVR	
BuyerCustomerParty				
Party				
	EndpointID		DK44556677	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK44556677	
		schemeID	DK:CVR	
PartyName				
	Name		Økonomistyrelsen	
PostalAddress				
	AddressFormatCode		StructuredDK	

OIOUBL Complex Payment Cycle

		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Landgreven	
	BuildingNumber		4	
	CityName		København K	
	PostalZone		1017	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK44556677	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Økonomistyrelsen	
	CompanyID		DK44556677	
		schemeID	DK:CVR	
Contact				
	ID		49685	
	Name		Hans Jensen	
	Telephone		26533456	
	ElectronicMail		hansjensen@oes.dk	

Invoice:

COMPAY_04_04_00_Invoice_v2p1.xml

6.7.1.4 Invoice

Class	Field	Attribute	Value	Note ¹¹
	UBLVersionID		2.0	
	CustomizationID		OIOUBL-2.01	
	ProfileID		Procurement-OrdAdv-BilSim-1.0	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:profileid-1.1	
	ID		65830450	
	CopyIndicator		false	
	UUID		569ED478-0EBE-4817-A234-DFB9ACA89876	

OIOUBL Complex Payment Cycle

	IssueDate		2006-04-02	
	InvoiceTypeCode		380	
		listAgencyID	320	
		listID	urn:oiubl:codelist:invoicetypecode-1.1	
	Note		Invoice note	
	DocumentCurrencyCode		DKK	
	AccountingCost		5250145007	
OrderReference				
	ID		5002815	
	IssueDate		2006-04-01	
AccountingSupplierParty				
Party				
	EndpointID		DK56781234	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK56781234	
		schemeID	DK:CVR	
PartyName				
	Name		Global Magazine Corporate A/S	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oiubl:codelist:addressformatcode-1.1	
	StreetName		Vesterbrogade	
	BuildingNumber		25	
	CityName		Aalborg	
	PostalZone		9000	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK56781234	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oiubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Global Magazine Corporate A/S	
	CompanyID		DK56781234	
		schemeID	DK:CVR	
AccountingCustomerParty				
Party				

OIOUBL Complex Payment Cycle

	EndpointID		DK44556677	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK44556677	
		schemeID	DK:CVR	
PartyName				
	Name		Økonomistyrelsen	
PostalAddress				
	AddressFormatCode		StructuredDK	
		listAgencyID	320	
		listID	urn:oioubl:codelist:addressformatcode-1.1	
	StreetName		Landgrevn	
	BuildingNumber		4	
	CityName		København K	
	PostalZone		1017	
Country				
	IdentificationCode		DK	
PartyTaxScheme				
	CompanyID		DK44556677	
		schemeID	DK:SE	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
PartyLegalEntity				
	RegistrationName		Økonomistyrelsen	
	CompanyID		DK44556677	
		schemeID	DK:CVR	
Contact				
	ID		49685	
	Name		Hans Jensen	
	Telephone		26533456	
	ElectronicMail		hansjensen@oes.dk	
SellerSupplierParty				
Party				
	EndpointID		DK73624230	
		schemeID	DK:CVR	
PartyIdentification				
	ID		DK73624230	
		schemeID	DK:CVR	
PartyName				
	Name		Software Magazine A/S	

OIOUBL Complex Payment Cycle

PostalAddress			
	AddressFormatCode		StructuredDK
		listAgencyID	320
		listID	urn:oiubl:codelist:addressformatcode-1.1
	StreetName		Gl. Køge Landevej
	BuildingNumber		60
	CityName		Valby
	PostalZone		2500
Country			
	IdentificationCode		DK
PartyTaxScheme			
	CompanyID		DK73624456
		schemeID	DK:SE
TaxScheme			
	ID		63
		schemeAgencyID	320
		schemeID	urn:oiubl:id:taxschemeid-1.1
	Name		Moms
PartyLegalEntity			
	RegistrationName		Software Magazine A/S
	CompanyID		DK73624456
		schemeID	DK:CVR
Delivery			
	ActualDeliveryDate		2006-04-01
PaymentMeans			
	ID		1
	PaymentMeansCode		42
	PaymentDueDate		2006-04-25
	PaymentChannelCode		DK:BANK
		listAgencyID	320
		listID	urn:oiubl:codelist:paymentchannelcode-1.1
PayeeFinancialAccount			
	ID		0005704966
FinancialInstitutionBranch			
	ID		9566
PaymentTerms			
	ID		1
	PaymentMeansID		1
	Amount		687.50
		currencyID	DKK
TaxTotal			
	TaxAmount		137.50
		currencyID	DKK

OIOUBL Complex Payment Cycle

TaxSubtotal				
	TaxableAmount		550	
		currencyID	DKK	
	TaxAmount		137.50	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxcategoryid-1.1	
	Percent		25	
TaxScheme				
	ID		63	
		schemeAgencyID	320	
		schemeID	urn:oioubl:id:taxschemeid-1.1	
	Name		Moms	
LegalMonetaryTotal				
	LineExtensionAmount		550.00	
		currencyID	DKK	
	TaxExclusiveAmount		137.50	
		currencyID	DKK	
	TaxInclusiveAmount		687.50	
		currencyID	DKK	
	PayableAmount		687.50	
		currencyID	DKK	

6.7.1.5 InvoiceLine

Class	Field	Attribute	Value	Note
	ID		1	
	InvoicedQuantity		1.00	
		unitCode	ANN	
	LineExtensionAmount		550.00	
		currencyID	DKK	
TaxTotal				
	TaxAmount		137.50	
		currencyID	DKK	
TaxSubtotal				
	TaxableAmount		550.00	
		currencyID	DKK	
	TaxAmount		137.50	
		currencyID	DKK	
TaxCategory				
	ID		StandardRated	

OIOUBL Complex Payment 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		Software engineering and development magazine for the experts	
	Name		Software Engineering, subscription	
SellersItemIdentification				
	ID		SE200304-675	
StandardItemIdentification				
	ID		8701411322-	
		schemeID	ISBN	
Price				
	PriceAmount		550.00	
		currencyID	DKK	
	BaseQuantity		1	
		unitCode	ANN	
	OrderableUnitFactorRate		1	

The corresponding example instance files are provided as:

- COMPAY_04_04_00_Order_v2p1.xml
- COMPAY_04_04_00_OrderReponseSimple_v2p1.xml
- COMPAY_04_04_00_Invoice_v2p1.xml