

## **PapiNet WoodX implementation guide**

### **Order Confirmation**

MessageType: StandardOrder

MessageType: Agreement

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## 1. INTRODUCTION

### 1.1 Purpose of this document

PapiNet WoodX is a segment user group (SUG) within papiNet that is maintaining a message transaction standard within the wood products supply chain.

The intention of this document is to facilitate for a user to implement the WoodX-message. In addition, it aims to ensure that the message is implemented in a way that creates the best possible functionality of the message for all the users and parties in the supply chain. The real benefits of e-business can only be achieved via harmonized message implementations and use cases. The harmonization can be assured by users following the implementation instructions.

This document describes the common use case for the *Message OrderConfirmationWood Type StandardOrder and Agreement* e-documents. It can be used as a guideline for implementations, together with the related ISS excel file containing the schema subset including enumeration, rules and remarks for each element. For more information about elements and attributes we recommend to use the common PapiNet DataDictionary.

### 1.2 PapiNet WoodX messages

In this paragraph is described the relations between different business transactions and PapiNet WoodX e-messages and message types.

Below are given the overviews of two different business transaction cases. These two are the most typical business transaction cases in trading wood products in Europe. The first case describes the traditional trade flow of wood product in Europe. In this case, the business transaction starts with a purchase order sent by the buyer (see Figure 1.). The latter case describes the business transaction that is typical when trading wood products to builder merchants. In this case it is typical that the seller and buyer have interchanged "article list" and corresponding "price lists" according to the business agreements (see Figure 2.).

In the figures, the business transactions are shown on the left, and the arrows indicate the sender and receiver of a message. On the right are listed the PapiNet WoodX e-messages and message types suitable for the business transactions.

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Figure 1. Traditional trade flow of wood products (CASE 1)

Business Transactions	Message	MessageType
	1. Availability	1. -
	2. OrderConfirmationWood	2. Agreement
	3. CallOffWood	3. CallOff
	4. CallOffWood	4. CallOffConfirmation
	5. DeliveryMessageWood	5. DeliveryMessage
	6. InvoiceWood	6. Invoice CreditNote/DebetNote
	7. DeliveryMessageWood	7. PackageSpecification

Figure 2. The business transaction of trading wood products to a builder merchant (CASE 2)

Business Transactions	Message	MessageType
	1. PurchaseOrderWood	1. PurchaseOrder
	2. OrderConfirmationWood	2. StandardOrder
	3. DeliveryMessageWood	3. DeliveryMessage
	4. InvoiceWood	4. Invoice CreditNote/DebetNote
	5. DeliveryMessageWood	5. PackageSpecification

## **2. USE CASES OF ORDERCONFIRMATION**

The OrderConfirmationWood-message has two message types, which are StandardOrder and Agreement. The use cases of the both message types are described below.

### **2.1 OrderConfirmationWood type StandardOrder**

The OrderConfirmation is the second document in the business transaction chain. A purchase order is sent from buyer to the seller and the OrderConfirmation is the sellers' reply to this document. The OrderConfirmation can accept, amend or reject a PurchaseOrder on header or line level.

This is corresponding to the use case 1 of the PurchaseOrder Implementation guide.

### **2.2 OrderConfirmationWood type Agreement**

The buyer and seller negotiate the deal, without proceeding e-documents and the seller confirm the agreement with a sales contract in the form of an OrderConfirmation. This document is basically the same document as in use case 1 without the reference information to PurchaseOrder.

This is corresponding to the use case 2 of the PurchaseOrder Implementation guide.



## 4. E-DOCUMENT CONTENT

### 4.1 General

In this chapter there is an overview of the E-document. Elements are mentioned in basic level and the given text refers to the structure, eg. Partytype, AssignedBy. For detailed information of the elements in the XML-schema for the OrderConfirmationWood -message look at the related ISS excel documentation called implementation subset spreadsheet for OrderConfirmationWood.

Columns should be read as follows:

Data Item	data item name as documented in papiNet WoodX messages
Data description	data item as defined in papiNet Data Dictionary with WoodX specific definitions
M	mandatory data item

### 4.2 Root

Data Item	Description
<b>OrderConfirmationWood</b>	The root. This element contains the entity of the PurchaseOrderWood document.
- OrderConfirmationStatusType (M)	<p>Defines the status of the entire purchase order message, in other words, at the root level <i>This item is restricted to the following list.</i></p> <p><b>Accepted</b> Either the seller or the buyer accepts the message information.</p> <p><b>Amended</b> Either the seller or the buyer has changed the message information.</p> <p><b>Cancelled</b> The buyer has cancelled a line item that was sent in a previous message. Lines that have been cancelled are not included in Totals on the Summary levels of the message.</p> <p><b>Rejected</b> The message is rejected..</p>
- OrderType (M)	<p>There are 2 types of OrderConfirmation</p> <ul style="list-style-type: none"><li>– StandardOrder (This is used when it is confirmation for the POwood)</li><li>– Agreement (This is used when it is a sales contract between buyer and seller)</li></ul>

### 4.3 Header

Data Item	Description
- OrderConfirmationWoodHeader (M)	This element contains the information that is consistent for the entire OrderConfirmationWood document.
- - OrderConfirmationHeaderStatusType (M)	<p>Defines the status of the order confirmation header.</p> <p>An attribute defining the status of the order confirmation header</p> <p><i>This item is restricted to the following list.</i></p> <p><b>Accepted</b></p> <p>The seller has accepted all elements within this order confirmation header.</p> <p><b>Amended</b></p> <p>Indicates that one or more elements within this order confirmation header have been amended.</p> <p><b>NoAction</b></p> <p>This order confirmation header has not been amended and thereby does not require any action.</p> <p><b>Pending</b></p> <p>The seller cannot yet confirm one or more elements within this order confirmation header; they are therefore pending.</p> <p><b>Rejected</b></p> <p>One or more elements within this order confirmation header have been rejected.</p>
- - OrderConfirmationNumber (M)	The unique order identifier as designated by the Seller
- - PurchaseOrderInformation	A group item containing information about the PurchaseOrder to which this OrderConfirmation refers to
- - BuyerParty (M)	The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer.
- - BillToParty	BillToParty is used if a different entity than BuyerParty is invoiced
- - SupplierParty (M)	The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.
- - OtherParty	An organisation or business entity other than those specifically detailed within a business document.
- - SenderParty	The business entity issuing the business document, the source of the document.



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Data Item	Description
- - ReceiverParty	The business entity for whom the business document is intended, the destination of the document.
- - ShipToInformation	Group element containing information about the ship to and delivery of a product.
- - CountryOfOrigin	The country of origin for the material.
- - CountryOfDestination	The country where the goods will be, or were, shipped to.
- - CountryOfConsumption	The country of consumption for the material.
- - - TermsOfPayment	A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.
- - DocumentInformation	A group item containing information unique to this OrderConfirmation, which is provided by the Seller.
- - AdditionalText	A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

#### 4.4 Line

Data Item	Description
- OrderConfirmationWoodProductGroup (M)	OrderConfirmationWoodProductGroup is a required, multiple instances element.
- OrderConfirmationWoodLineItem (M)	OrderConfirmation Wood Line Item.
- - OrderLineItemStatusType (M)	Defines the status of the purchase order line item.
- - - OrderConfirmationLineItemNumber	The sequential number that uniquely identifies the purchase order line item.
- - - PurchaseOrderLineItemNumber	Reference to the line on the Purchase Order, this is mandatory if a Purchase Order is referred to
- - - Product (M)	Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification.
- - - - ProductIdentifier	Used to communicate the code of the article, in a variety of formats designated by the type.
- - - - ProductDescription	An element used to communicate a human readable description of the product in the language specified by the

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Data Item	Description
	Language attribute.
- - - PriceDetails	An element that groups together price information.
- - - - PriceQuantityBasis (M)	The basis for the determination of the price.
- - - - PricePerUnit (M)	PricePerUnit is an element designed to support flexibility in price representation.  This structure is read as CurrencyValue per MeasurementValue, or alternatively CurrencyValue per number of UOM(s).
- - - LineBaseAmount	Quantity time the base unit price.
- - - QuantityOrderedInformation (M)	Used to identify quantity. The construct provides via InformationalQuantity the ability to provide the Quantity in another UOM. Length is also provided to further specify the quantity.
- - - - Quantity (M)	The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.  The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.
- - - - - DeliverySchedule	Not existing in OrderConfirmation, to be discussed in the SIG
- - - SafetyAndEnvironmentalInformation	Use this to define certificate of the goods. Structure needs a value or measurement to communicate the percentage of the product is certified, eg 75% is certified by the indicated agency.
- - - - SafetyAndEnvironmentalCertification	Safety and Environmental Certification

## 4.5 Message Summary

Data Item	Description
- OrderConfirmationWoodSummary (M)	Summary section of order confirmation for wood vertical.
- - TotalNumberOfLineItems	The total number of individual line items in the document.
- - - TotalQuantity (M)	The total quantity of similar items in the business document.

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Data Item	Description
	TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totalling for different units of measure.
- - AdditionalText	A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

## 5. BUSINESS RULES

The following table lists the specific business rules that apply to OrderConfirmation type StandardOrder.

Business Rules
This is used when the OrderConfirmation is a confirmation of a PurchaseOrder

The following table lists the specific business rules that apply to OrderConfirmation type Agreement.

Business Rules
This is used when it is a sales contract between buyer and seller
OrderConfirmationStatusType should be Accepted

The following table lists the specific business rules that apply to OrderConfirmation message type Agreement and the message type StandardOrder.

Business Rules
A OrderConfirmationWood header can specify only one ShipToParty. The partner can, however, specify multiple ship-to parties at the OrderConfirmationWoodLineItem level. If doing so, ShipToParty has to be added on all lines. An OrderConfirmationWoodLineItem ShipToParty overrides a OrderConfirmationWoodHeader ShipToParty.
Transport information is optional. It may appear at either the OrderConfirmationWood Header or the OrderConfirmationWoodLineItem level, depending on transport requirements. The information in the OrderConfirmationWoodLineItem overrides the information at the OrderConfirmationWoodHeader.

## 6. REVISION HISTORY OF THIS DOCUMENT

Date	Change
30.09.2008	Document version 1.0 for V2.31
10.12.2009	Updated/ PPesonen

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