



papiNet

**Business Acceptance**

**papiNet Standard - Version 2.31**

**Documentation**

**Global Standard for the Paper and Forest  
Products Supply Chain**

**January 2009**

**Production Release**

# **Business Acceptance papiNet Standard - Version 2.31**

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## **Use of Documents in papiNet Implementations**

Documents may be used as templates for a papiNet implementation. The Presenters grant the right to modify and edit them to fit an actual

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## **Business Acceptance papiNet Standard - Version 2.31**

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implementation project provided all copies display the copyright and any other proprietary notices contained in this document. Such modified documents must not be distributed beyond the trading partners implementing or maintaining a papiNet connection.

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### **Additional Copyright Information**

Additional copyrights may be referenced throughout this document in the appropriate section.

# Business Acceptance papiNet Standard - Version 2.31

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## Table of Contents

Copyright.....	2
Use of Documents in papiNet Implementations.....	2
Additional Copyright Information .....	3
Table of Contents .....	4
Business Acceptance Documentation .....	5
Business Acceptance Overview.....	5
Business Acceptance Scope .....	5
Business Acceptance Business Rules .....	5
Processing Business Acceptance .....	6
Business Acceptance Structure.....	7
Understanding the Diagrams and Content.....	7
Business Acceptance Root Element.....	10
BusinessAcceptance.....	11
Primary Elements .....	13
BusinessAcceptanceNumber.....	13
BusinessAcceptanceDate .....	13
SenderParty.....	14
ReceiverParty.....	19
Document.....	25
BusinessAcceptanceParty.....	32
AdditionalText.....	36
Business Acceptance Business Scenarios .....	37
Business Acceptance Scenario Listing.....	37
Scenario A.....	37
Scenario B.....	38

# Business Acceptance papiNet Standard - Version 2.31

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## Business Acceptance Documentation

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### Business Acceptance Overview

The receiver of a document uses the Business Acceptance to confirm to the sender that the document is accepted or rejected. It can be used as a Confirmation of Acceptance when there is not a papiNet-designed confirmation message available. Although the Business Acceptance is optional between two trading partners, its use is strongly recommended when it is important to get a business acceptance, e.g. if a Delivery Instruction will be executed or not.

The document content can be checked and confirmed by a user or by an automated system check. When the Business Acceptance is used, the sender of the original document should have in place a resolution process. This process should monitor confirmations received via the Business Acceptance routing them to the correct organisation for resolution. Business Acceptance is a very simple Confirmation of Acceptance when no other response document is in place. The resolution process is typically based on manual actions when the business document is rejected. The monitoring process should also check for unconfirmed documents.

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### Business Acceptance Scope

The Business Acceptance includes:

- BusinessAcceptanceNumber
- BusinessAcceptanceDate
- Information on the Document, that is accepted or rejected, including DocumentName, DocumentType, DocumentNumber, DocumentDate and TransactionHistoryNumber
- SenderParty
- ReceiverParty
- BusinessAcceptanceParty including contact information
- AdditionalText

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### Business Acceptance Business Rules

#### General Business Acceptance Business Rules

Identifier	Business Rule
<b>BACPT_001</b>	A Business Acceptance confirms the acceptance or the rejection of a business document.
<b>BACPT_002</b>	DocumentName and DocumentNumber define a unique document for the ReceiverParty.
<b>BACPT_003</b>	TransactionHistoryNumber defines the version of

## Business Acceptance papiNet Standard - Version 2.31

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	the document that is accepted or rejected. DocumentDate defines the version of the document, if TransactionHistoryNumber isn't used.
<b>BACPT_004</b>	The PartyIdentifier of the BusinessAcceptanceParty, SenderParty and ReceiverParty should be globally unique party identifiers, e.g. papiNetGlobalPartyIdentifier, DunsNumber.

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### Processing Business Acceptance

Business Acceptance cannot be amended nor cancelled. It can be sent with one of two values for the BusinessAcceptanceStatus attribute:

- Accepted

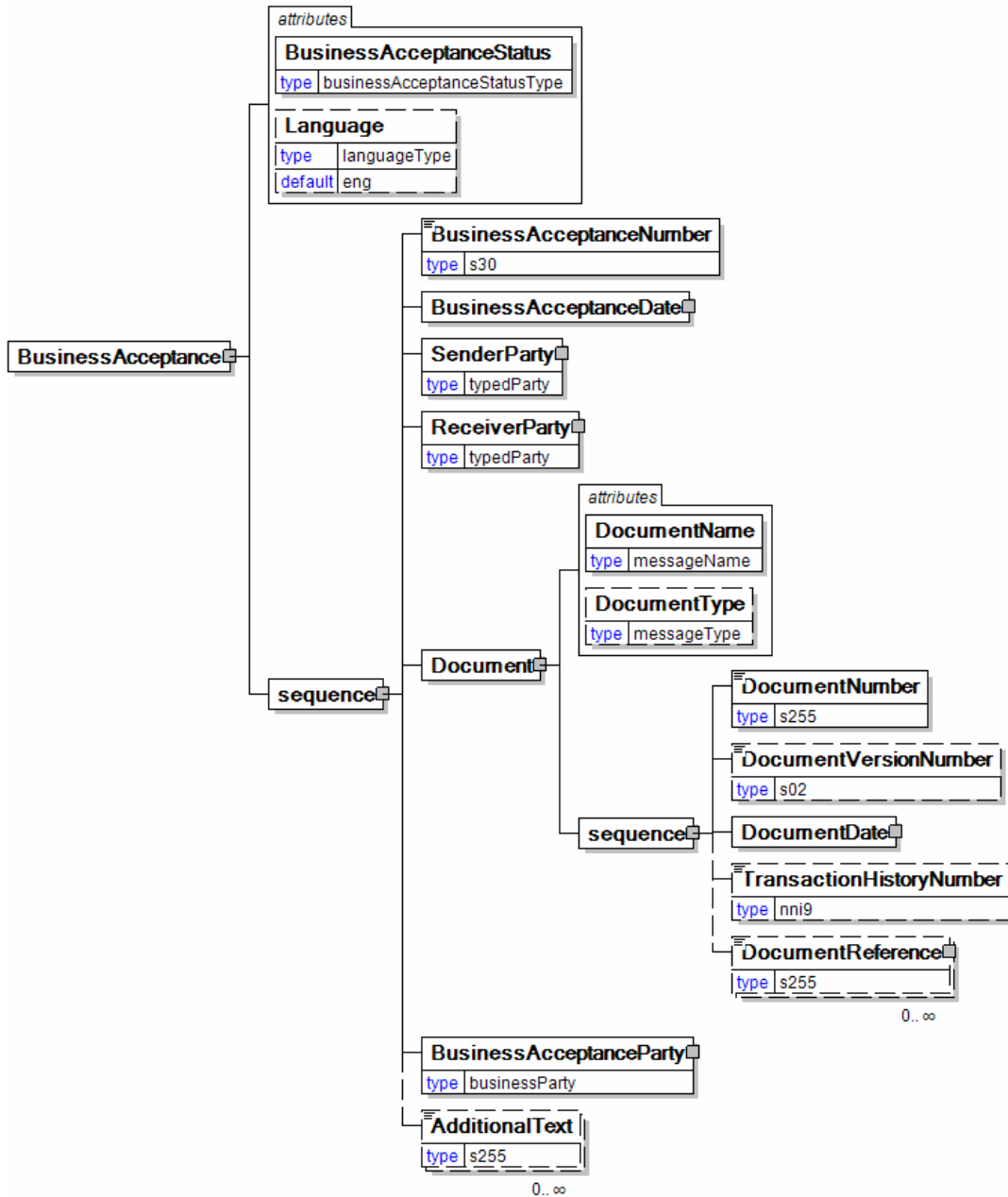
Content of the business document is accepted. The receiver has got a Confirmation of Acceptance for an earlier sent business document.

- Rejected

Content of the business document is rejected. The receiver of a Business Acceptance should have in place a resolution process. The resolution process is typically based on manual actions when the content of a business document is rejected

# Business Acceptance papiNet Standard - Version 2.31

## Business Acceptance Structure



## Understanding the Diagrams and Content

This section provides a graphical view of the schema structures, a discussion of the item's children. You can find additional information about papiNet and the standard at [www.papiNet.org](http://www.papiNet.org).

The graphics contain content model indicators, cardinality indicators, and data type information.

# Business Acceptance papiNet Standard - Version 2.31

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Associated with each graphic are the definitions for the parent item and any associated child items. All attributes are listed first, followed by the elements.

The following information should help you interpret and understand this standard. Please note the following:

- Content Model and Cardinality operate together to determine if the element or attribute are required in the instance document.
- The same attribute can never appear multiple times in the same element so, you will never see a multiple cardinality indicator.

## **Content model indicators:**

There are three possible types of content: "sequence", "choice", and "all". The papiNet standard currently does not use the "all" construct.

- (sequence)

The sequence of the items to the right of the graphic (or below the text) is required.

- (choice)

A choice of the items to the right of the graphic (or below the text) is permitted.

- (all)

All the items to the right of the graphic are required.

## **Cardinality indicators:**

- Dotted line around element or attribute.

A single instance of the item can optionally exist.

- Dotted line around item with range indicated below.

Multiple instances of the item can optionally exist.

- Solid line around item.

A single instance of the item must exist.

- Solid line around item with range indicated below

At least one instance must exist; multiple instances can optionally exist.

## **Datatype indication:**

When a data type is assigned to an element (either a simple type or complex type the name of the data type is presented beneath the item name in the graphic.

- In some cases additional information about the data type is presented (the default value).

Elements can either have content that is textual/numeric in nature or content that is made up of additional elements and/or attributes.

- When the content is textual/numeric in nature "three straight horizontal lines" will appear in the upper left-hand corner of the graphic. Pay attention to these elements because they are where you will be entering your information.
- When the content is made up of additional elements and/or attributes a



## **Business Acceptance papiNet Standard - Version 2.31**

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- "gray-box" will appear on the right-hand side of the graphic.
- If the graphic shows both the horizontal lines and the gray-box then, in the papiNet standard, the content below the element are attributes.

**Business Acceptance  
papiNet Standard - Version 2.31**

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**Business Acceptance Root Element**

# Business Acceptance

## papiNet Standard - Version 2.31

### BusinessAcceptance

The root element of the Business Acceptance.

#### BusinessAcceptanceStatus [attribute]

*BusinessAcceptanceStatus is mandatory. A single instance is required.*

Identifies the status of the Business Acceptance.

*This item is restricted to the following list.*

#### Accepted

Content of the business document is accepted. The receiver has got a Confirmation of Acceptance for an earlier sent business document

#### Rejected

Content of the business document is rejected. The receiver of a Business Acceptance should have in place a resolution process. The resolution process is typically based on manual actions when the content is rejected.

#### Language [attribute]

*Language is optional. A single instance might exist.*

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Information on the content of this attribute is available at <http://www.loc.gov/standards/iso639-2/> this is the official site of the ISO 639-2 Registration Authority.

- <http://www.w3.org/International/O-HTML-tags.html> provides an explanation of the errata updating XML.
- <http://www.ietf.org/rfc/rfc3066.txt> is the key document that is referenced in the above errata.

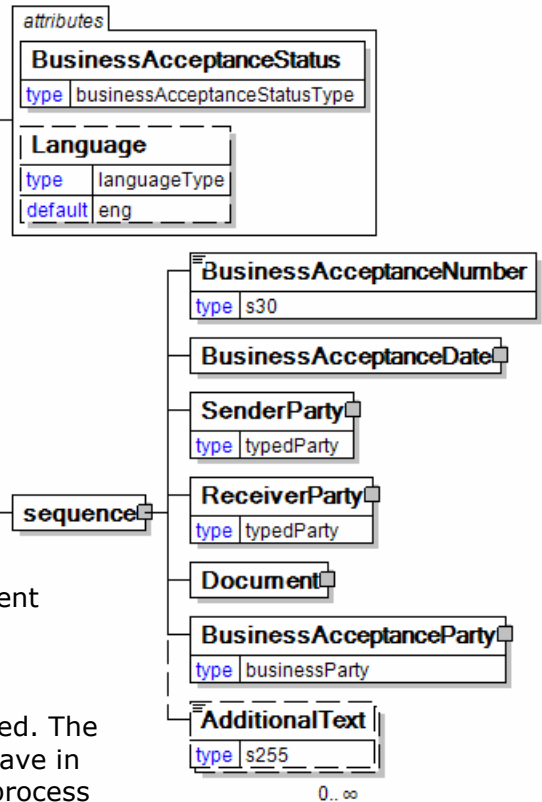
#### (sequence)

*The contents of (sequence) are mandatory. A single instance is required.*

#### BusinessAcceptanceNumber

*BusinessAcceptanceNumber is mandatory. A single instance is required.*

The unique identifier for the BusinessAcceptance.



# Business Acceptance

## papiNet Standard - Version 2.31

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### **BusinessAcceptanceDate**

*BusinessAcceptanceDate is mandatory. A single instance is required.*

The Date and Time when the BusinessAcceptance was issued.

### **SenderParty**

*SenderParty is mandatory. A single instance is required.*

The business entity issuing the business document, the source of the document.

- This is the same entity as the "From" party in the ebXML message service envelope. The entity responsible for the content. If the sender party has outsourced the transmission function to a third party the sender party is the original party not the party performing the transmission service.

### **ReceiverParty**

*ReceiverParty is mandatory. A single instance is required.*

The business entity for whom the business document is intended, the destination of the document.

- This is the same entity as the "To" party in the ebXML message service envelop. The entity interested in the content. If the receiver party has outsourced the message receipt function to a third party the receiver party is the intended party not the party performing the receiving process.

### **Document**

*Document is mandatory. A single instance is required.*

A group item containing information applicable to the original document.

### **BusinessAcceptanceParty**

*BusinessAcceptanceParty is mandatory. A single instance is required.*

The organisation or legal entity authorised to accept or reject business document.

### **AdditionalText**

*AdditionalText is optional. Multiple instances might exist.*

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.

# Business Acceptance papiNet Standard - Version 2.31

## Primary Elements

### BusinessAcceptanceNumber

The unique identifier for the BusinessAcceptance.

<b>BusinessAcceptanceNumber</b>
type s30

### BusinessAcceptanceDate

The Date and Time when the BusinessAcceptance was issued.

**(sequence)**

**BusinessAcceptanceDate**

**sequence**

**Date**  
type dateBasis

**Time**  
type System.Xml.Schema.Datatype\_time

*The contents of (sequence) are mandatory. A single instance is required.*

#### Date

*Date is mandatory. A single instance is required.*

A group element that contains the specification of Year, Month, and Day.

#### Time

*Time is optional. A single instance might exist.*

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

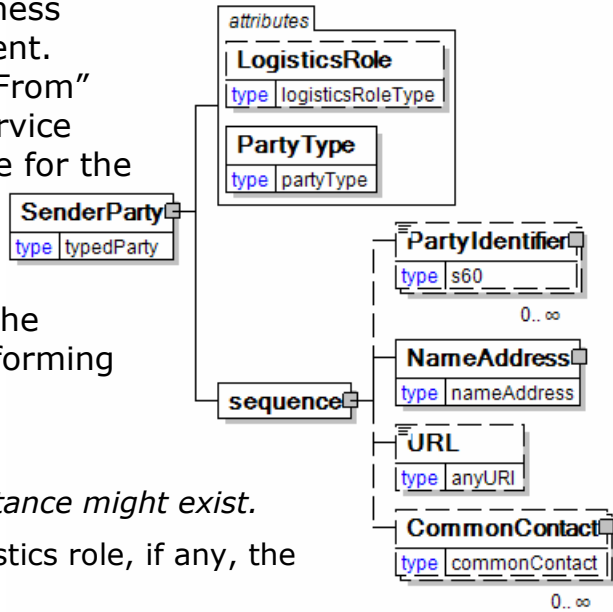
- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

# Business Acceptance papiNet Standard - Version 2.31

## SenderParty

The business entity issuing the business document, the source of the document.

- This is the same entity as the "From" party in the ebXML message service envelope. The entity responsible for the content. If the sender party has outsourced the transmission function to a third party the sender party is the original party not the party performing the transmission service.



### LogisticsRole [attribute]

*LogisticsRole is optional. A single instance might exist.*

Communicates the nature of the logistics role, if any, the party plays in the transaction.

*This item is restricted to the following list.*

#### Consignee

The party to whom the goods are turned over to.

#### Consignor

The party who is responsible for the goods prior to the shipping process.

#### LogisticsProvider

The party who, by contract with the consignor, takes care of the requested logistics service (transport or others).

### PartyType [attribute]

*PartyType is mandatory. A single instance is required.*

Identifies the business role associated with the particular party

*This item is restricted to the following list.*

#### Bank

The banking representative.

#### BillTo

The address where the invoice is to be sent.

#### BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

#### Broker

The organisation acting as a broker for the buyer or supplier.

# Business Acceptance

## papiNet Standard - Version 2.31

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### **Buyer**

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the "Payer", the "Buyer" is the "Payer".

### **BuyerAgent**

The entity acting for the buyer in the transaction.

### **Carrier**

The organisation or business entity that transports goods.

### **CarrierAssignmentResponsible**

The organisation to which the carrier has assigned some task.

### **ComponentVendor**

Vendor producing supplied components.

### **Consignee**

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

### **Consignor**

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

### **Consuming**

The eventual consumer of the material

### **Converter**

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

### **CreditDepartment**

The party responsible for credit authorization.

### **CrossDock**

A third party involved in the transport of goods.

### **CustomerFacility**

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

### **CustomerStock**

A "virtual" location that indicates that the material is owned by the customer.

### **CustomsForwarder**

A forwarder responsible for managing the transfer of goods through customs.

### **DomesticForwarder**

A forwarder responsible for managing the transfer of goods.

### **EndUser**

# Business Acceptance

## papiNet Standard - Version 2.31

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EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

### **ExportForwarder**

A forwarder responsible for managing the export process.

### **Forwarder**

The party responsible for shipping arrangements.

### **FreightPayer**

The party responsible for paying freight.

### **Insurer**

The party providing insurance coverage for the goods.

### **Landowner**

The party who owns the land upon which the product was produced.

### **MainCarrier**

The primary carrier involved in the movement of goods.

### **Merchant**

A third party buying and reselling products.

### **Mill**

A production facility.

### **NotifyParty**

A party that needs to be notified of the status of the transaction.

### **OnBehalfOf**

The activity in question is being made on behalf of this party.

### **OrderParty**

The organisation or business entity placing the order if different from the buyer party.

### **Payee**

The party handling and receiving payments on behalf of another party.

### **Payer**

The party handling and sending payments of behalf of another party.

### **PlaceFinalDestination**

The final destination of the goods.

### **PlaceOfAccept**

The location where acceptance of the goods is to take place.

### **PlaceOfDespatch**

The location where despatch took place.



# Business Acceptance

## papiNet Standard - Version 2.31

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### **PlaceOfDischarge**

The location where the goods were unloaded.

### **PlaceOfLoading**

The location where loading is to or took place.

### **PlaceOfReloading**

A location where the goods were transferred from one transport type to another.

### **Port**

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

### **PreCarrier**

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

### **PrinterFacility**

The location of the printer who will be using the product.

### **ProFormaInvoice**

The organisation or business entity to which the pro-forma invoice will be sent.

### **Producer**

The manufacturer of the goods.

### **RemitTo**

The organisation or business entity to which payment will be made.

### **Requestor**

The originator of the original purchase order requisition (for example, a printing plant ordering through a central purchasing organisation).

### **SalesAgent**

The organisation or person responsible for product sales acting on behalf of the seller.

### **SalesOffice**

The functional unit in an organisation or business entity that is responsible for product sales.

### **Seller**

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller.

### **ShipFromLocation**

The location the goods were shipped from.

### **ShipOwner**

The owner of the vessel used to ship the goods.

### **ShipTo**

# Business Acceptance papiNet Standard - Version 2.31

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The address the material should be shipped to.

## **SubCarrier**

A sub carrier of another the shipping company.

## **Supplier**

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.

## **Terminal**

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

## **TerminalOperator**

The party providing facilities such as loading, unloading, or warehousing.

## **Warehouse**

A storage location. It can be the origin or destination location of a transport leg in a route.

## **WillAdvise**

Indicates that party will be identified at a later time

## **Other**

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

## **(sequence)**

*The contents of (sequence) are mandatory. A single instance is required.*

## **PartyIdentifier**

*PartyIdentifier is optional. Multiple instances might exist.*

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

## **NameAddress**

*NameAddress is mandatory. A single instance is required.*

A group item containing name and address of an organisation or business entity.

## **URL**

*URL is optional. A single instance might exist.*

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

## **CommonContact**

*CommonContact is optional. Multiple instances might exist.*

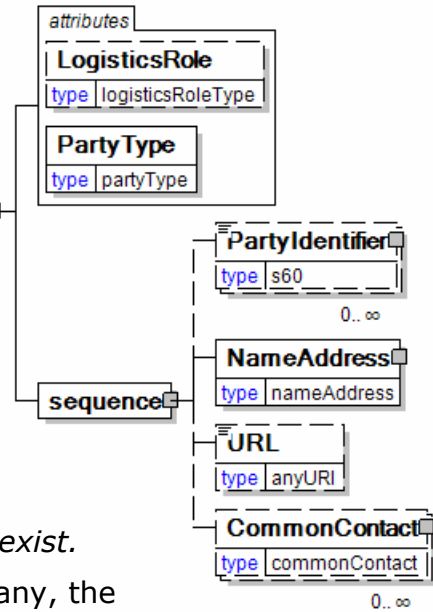
Identifies a specific individual associated with the party.

# Business Acceptance papiNet Standard - Version 2.31

## ReceiverParty

The business entity for whom the business document is intended, the destination of the document.

- This is the same entity as the “To” party in the ebXML message service envelop. The entity interested in the content. If the receiver party has outsourced the message receipt function to a third party the receiver party is the intended party not the party performing the receiving process.



### LogisticsRole [attribute]

*LogisticsRole is optional. A single instance might exist.*

Communicates the nature of the logistics role, if any, the party plays in the transaction.

*This item is restricted to the following list.*

#### Consignee

The party to whom the goods are turned over to.

#### Consignor

The party who is responsible for the goods prior to the shipping process.

#### LogisticsProvider

The party who, by contract with the consignor, takes care of the requested logistics service (transport or others).

### PartyType [attribute]

*PartyType is mandatory. A single instance is required.*

Identifies the business role associated with the particular party

*This item is restricted to the following list.*

#### Bank

The banking representative.

#### BillTo

The address where the invoice is to be sent.

#### BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

#### Broker

# Business Acceptance

## papiNet Standard - Version 2.31

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The organisation acting as a broker for the buyer or supplier.

### **Buyer**

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the "Payer", the "Buyer" is the "Payer".

### **BuyerAgent**

The entity acting for the buyer in the transaction.

### **Carrier**

The organisation or business entity that transports goods.

### **CarrierAssignmentResponsible**

The organisation to which the carrier has assigned some task.

### **ComponentVendor**

Vendor producing supplied components.

### **Consignee**

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

### **Consignor**

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### **Consuming**

The eventual consumer of the material

### **Converter**

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

### **CreditDepartment**

The party responsible for credit authorization.

### **CrossDock**

A third party involved in the transport of goods.

### **CustomerFacility**

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

### **CustomerStock**

A "virtual" location that indicates that the material is owned by the customer.

### **CustomsForwarder**

A forwarder responsible for managing the transfer of goods through customs.

### **DomesticForwarder**

A forwarder responsible for managing the transfer of goods.

# Business Acceptance papiNet Standard - Version 2.31

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## **EndUser**

EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

## **ExportForwarder**

A forwarder responsible for managing the export process.

## **Forwarder**

The party responsible for shipping arrangements.

## **FreightPayer**

The party responsible for paying freight.

## **Insurer**

The party providing insurance coverage for the goods.

## **Landowner**

The party who owns the land upon which the product was produced.

## **MainCarrier**

The primary carrier involved in the movement of goods.

## **Merchant**

A third party buying and reselling products.

## **Mill**

A production facility.

## **NotifyParty**

A party that needs to be notified of the status of the transaction.

## **OnBehalfOf**

The activity in question is being made on behalf of this party.

## **OrderParty**

The organisation or business entity placing the order if different from the buyer party.

## **Payee**

The party handling and receiving payments on behalf of another party.

## **Payer**

The party handling and sending payments of behalf of another party.

## **PlaceFinalDestination**

The final destination of the goods.

## **PlaceOfAccept**

The location where acceptance of the goods is to take place.

## **PlaceOfDespatch**

# Business Acceptance

## papiNet Standard - Version 2.31

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The location where despatch took place.

### **PlaceOfDischarge**

The location where the goods were unloaded.

### **PlaceOfLoading**

The location where loading is to or took place.

### **PlaceOfReloading**

A location where the goods were transferred from one transport type to another.

### **Port**

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

### **PreCarrier**

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

### **PrinterFacility**

The location of the printer who will be using the product.

### **ProFormaInvoice**

The organisation or business entity to which the pro-forma invoice will be sent.

### **Producer**

The manufacturer of the goods.

### **RemitTo**

The organisation or business entity to which payment will be made.

### **Requestor**

The originator of the original purchase order requisition (for example, a printing plant ordering through a central purchasing organisation).

### **SalesAgent**

The organisation or person responsible for product sales acting on behalf of the seller.

### **SalesOffice**

The functional unit in an organisation or business entity that is responsible for product sales.

### **Seller**

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller.

### **ShipFromLocation**

The location the goods were shipped from.

### **ShipOwner**

The owner of the vessel used to ship the goods.

# Business Acceptance papiNet Standard - Version 2.31

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## **ShipTo**

The address the material should be shipped to.

## **SubCarrier**

A sub carrier of another the shipping company.

## **Supplier**

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.

## **Terminal**

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

## **TerminalOperator**

The party providing facilities such as loading, unloading, or warehousing.

## **Warehouse**

A storage location. It can be the origin or destination location of a transport leg in a route.

## **WillAdvise**

Indicates that party will be identified at a later time

## **Other**

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

## **(sequence)**

*The contents of (sequence) are mandatory. A single instance is required.*

## **PartyIdentifier**

*PartyIdentifier is optional. Multiple instances might exist.*

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

## **NameAddress**

*NameAddress is mandatory. A single instance is required.*

A group item containing name and address of an organisation or business entity.

## **URL**

*URL is optional. A single instance might exist.*

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

## **CommonContact**

*CommonContact is optional. Multiple instances might exist.*

Identifies a specific individual associated with the party.

**Business Acceptance  
papiNet Standard - Version 2.31**

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# Business Acceptance papiNet Standard - Version 2.31

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## Document

A group item containing information applicable to the original document.

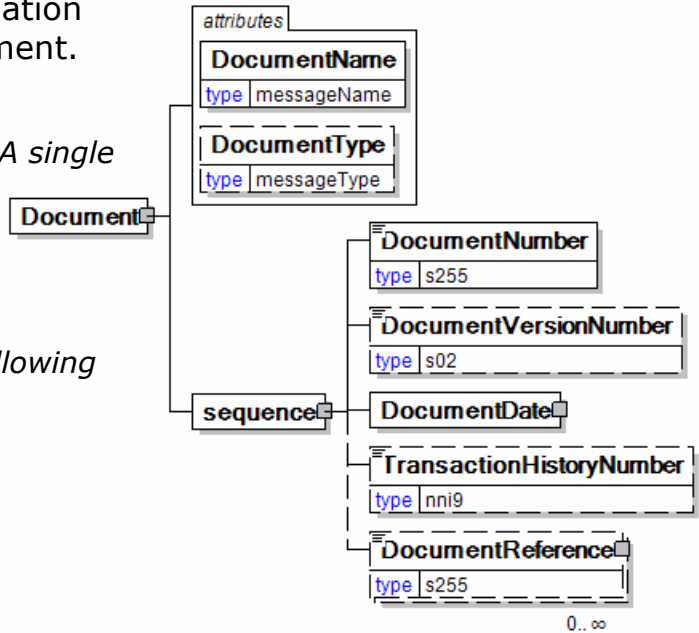
### DocumentName [attribute]

*DocumentName is mandatory. A single instance is required.*

Defines the document name for documents defined by papiNet.

*This item is restricted to the following list.*

- Availability**
- BookSpecification**
- BusinessAcceptance**
- BusinessAcknowledgement**
- Calendar**
- CallOff**
- CallOffWood**
- Complaint**
- ComplaintResponse**
- CreditDebitNote**
- DeliveryInstruction**
- DeliveryMessage**
- DeliveryMessageBook**
- DeliveryMessageWood**
- GoodsReceipt**
- InfoRequest**
- InventoryChange**
- InventoryDispositionInstructions**
- InventoryStatus**
- Invoice**
- InvoiceWood**
- LoadTender**
- LoadTenderResponse**
- OrderConfirmation**



# Business Acceptance papiNet Standard - Version 2.31

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**OrderConfirmationWood**

**OrderStatus**

**PackingList**

**Planning**

**ProductAttributes**

**ProductPerformance**

**ProductQuality**

**PurchaseOrder**

**PurchaseOrderWood**

**RFQ**

**RFQResponse**

**ScaleTicket**

**ShipmentStatus**

**ShippingInstructions**

**Statement**

**Usage**

**Other**

## **DocumentType [attribute]**

*DocumentType is optional. A single instance might exist.*

The type of e-business document being communicated.

*This item is restricted to the following list.*

### **Agreement**

A legally binding exchange of promises between parties that the law will enforce.

### **Approximate**

An invoice that is created to record ownership transfer without the material physically being moved. Typically what occurs is that the buyer has agreed to take ownership of the item at a certain point in time but has not arranged for transportation. Approximate invoices are invoices that are claiming payment.

### **AvailabilityStatus**

### **BlanketOrder**

An order that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until a certain volume is achieved or, until a certain currency amount is spent.

### **Booking**

An indication that time for a service is required. For example a booking that is part of a detail transport plan.

### **BookingConfirmation**

# Business Acceptance

## papiNet Standard - Version 2.31

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A communication affirming the placement of the booking with a particular party.

### **CallOff**

Defines a call-off sent by the buyer to the seller.

### **CallOffConfirmation**

Defines a call-off confirmation sent in response to a call-off.

### **Claim**

A "Claim" type is used when there is a customer reaction that includes a financial compensation.

### **Complaint**

### **ConfirmingOrder**

A confirming order is used to electronically confirm an order that has not been placed electronically by the customer that is, it was placed using another mean such as fax, phone or email.

### **ConsumptionOrder**

A purchase order that is based upon consumption for a particular period of time or instance.

### **CreditNote**

Credits which are provided to the receiving party for amount reductions.

### **DebitNote**

Debits which are charged to the receiving party for additional charges.

### **DeliveryInstruction**

A Delivery Instruction can specify many delivery events. Each event can contain quantity for one or many loads. A sequence in a Delivery Instruction specifies all details for one event. The receiver of a Delivery Instruction can generate many Loading Instructions from one Delivery Instruction.

### **DeliveryMessage**

A delivery message type that contains optional routing information, quantities at the DeliveryMessageLineItem level, and details at the DeliveryMessageLineItemDetail level. The seller uses a DeliveryMessage to provide delivery details to the ship-to party and tracking information.

### **Duplicate**

To be removed in a future version. When an invoice is reissued as a duplicate the invoice type should be the same as on the original invoice. Use attribute Reissued = Yes to indicate a duplicate.

### **Feedback**

A "Feedback" type is used when there is a customer reaction that doesn't include any financial compensation.

### **InitialShipmentAdvice**

A delivery message type that contains detailed routing information, quantities at

# Business Acceptance

## papiNet Standard - Version 2.31

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the DeliveryMessageLineItem level and optionally details at the DeliveryMessageLineItemDetail level. The seller uses the InitialShipmentAdvice to provide preliminary notification of shipment routing and quantities (can be used as an advanced notice of delivery). The quantities indicated may not necessarily be delivered—for example, if there is damage in transit or the delivery is rerouted to another destination.

### **InventoryChange**

### **InventoryStatus**

### **Invoice**

A regular invoice (referred to as an invoice) is a message claiming payment for goods supplied under conditions agreed to between seller and buyer. The invoice communicates, among other things, payment terms, payment method, and the payment amount required for one or more deliveries.

### **LoadAvailable**

### **LoadAvailableConfirmation**

### **LoadedSpecification**

A Delivery Message type that contains a specification of loaded goods on a transport unit (e.g. container, rail wagon). A loading specification (LoadedSpecification) can contain goods belonging to many suppliers and buyers and is normally referring to a Loading Instruction.

### **LoadingInstruction**

A Loading Instruction specifies loading of transport units. A Forwarder receiving a Delivery Instruction from a supplier can convert it into many Loading Instructions, which are sent to a Warehouse Operator. A sequence in a Loading Instruction specifies all details how to load one transport unit. A Loading Instruction can include goods from many Delivery Instructions and also goods belonging to many suppliers.

### **LoadingOrder**

Specifies delivery schedule, the transport booking requirements and shipping instructions, as well as the internal work order for the shipment

### **LoadingSchedule**

The schedule for transport vehicle loading.

### **LoadTender**

More than one carrier has been informed about the upcoming transport requirement (the load).

### **LoadTenderResponse**

Indicates the ability of the respondent to fulfill the load tender request.

### **OfficeSchedule**

The schedule for office personnel.

### **OrderStatus**

### **PreBooking**

# Business Acceptance

## papiNet Standard - Version 2.31

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A requirement for a transport vehicle or unit reservation that has risen from a rough transport plan.

### **PreBookingConfirmation**

A communication of the requirement for a transport vehicle or unit reservation that has risen from a rough transport plan.

### **PrePayment**

A prepayment invoice is used as a notification of amounts to be paid in advance. It is not a legal invoice claiming payment for provided products or services.

### **PackingSpecification**

A Packing Specification is a business transaction specifying the complete consignment being shipped from a consignor to a consignee. The specification describes in detail what is being shipped and how it is packed and marked.

### **PriceList**

Used when sending a pricelist

### **ProductCrossReference**

Used in the exchange of ProductIdentifier cross-references for the product codes used by two trading partners

### **ProductProperties**

Used when sending a list of ProductAttributes

### **ProForma**

A pro-forma invoice is not a legal invoice claiming payment. A pro-forma invoice is a document/message serving as a preliminary invoice, containing on the whole the same information as the final invoice, but not actually claiming payment. Pro-forma invoices are typically used in a cross-border shipment for customs purposes. Can travel with the product or be sent to a broker.

### **ReleaseOrder**

A release order is used to release a product to be made. This type of order refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version which is an incremented number, is used in this type.

### **ReservationOrder**

A reservation order is used to book a paper supplier's capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all line items of a reservation order have a ProductionStatusType of NotFree. To release one or more purchase order line items of a reservation order, a buyer can use a standard order or a release order.

### **SelfBillingStatement**

A SelfBillingStatement is an invoice that is prepared by the buyer of the product (or the consumer of the service) for the provider of the product or service. The preparer will pay the invoice.

Typically logistics costs charges are the service that are communicated. They are

# Business Acceptance

## papiNet Standard - Version 2.31

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incurred during a certain period of time between the party who provides the logistics services (typically the party with a LogisticsRole of "LogisticsProvider") and the requestor of such services (typically the party with a LogisticsRole of "Consignor").

Raw materials, maintenance, repair, and operating supplies are examples of products that can be entered on a self billing statement for products. This type of invoice is also referred to as an invoice for "evaluated receipts" because it developed from the receiving department's evaluation of their receipts and from that creating the invoice.

The SelfBillingStatement process exists when there is a great deal of trust between the trading partners that permits this cost savings business process.

### **ShipmentAdvice**

A Delivery Message type that contains a specification of goods, that are dispatched and will be delivered to a warehouse. A ShipmentAdvice can refer to a Delivery Instruction Sequence or a CallOff, but is normally also used for notifying a receiving warehouse operator of shipments to the warehouse.

### **ShippingInstructionsConfirmation**

Sent by the seller party in response to a ShippingInstructions message, to confirm the delivery schedule and product quantities.

- Sent by the seller party in response to a ShippingInstructions message, to confirm the delivery schedule and product quantities. This response is not mandatory.

### **ShippingInstructionsPackaging**

Sent by the buyer party to specify packing information for the product(s) for example, quantities per carton and pallet type.

### **ShippingInstructionsRouting**

Sent by the buyer party (such as the customer or publisher) to specify delivery schedule(s), transportation information, and quantities for the product(s) in the purchase order.

### **SpecOrder**

Used when the BookSpecification message is intended for use with the Purchase Order transaction.

### **StandardOrder**

A standard order is a regular one-time order. It defines quantities for one or more products to be purchased and may also define a delivery location and date. A standard order may reference a previous agreement (for example, a quotation, a contract, or a reservation order) for information.

### **SpecRFQ**

Used when the BookSpecification message is intended for use with the Request for Quote (Estimate) transaction.

### **StandardRFQ**

### **SupplierSpec**

Used when the BookSpecification e-business document is intended for use by the

# Business Acceptance papiNet Standard - Version 2.31

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Supplier only and is not generated by, or transmitted to the Buyer.

## **SupportSchedule**

The support schedule for transport operations.

## **TrialOrder**

A trial order is used whenever a seller has agreed to have a buyer sample a product. The seller needs to process this order differently from other orders, because a trial order may include a product sold at a discounted rate or even provided for free. A trial order typically is for small quantities.

## **UnloadingSchedule**

The schedule for transport vehicle unloading.

## **Waybill**

The forwarding agreement or carrying agreement between shipper and air carrier that is used as a receipt for cargo and as a contract of carriage.

## **(sequence)**

*The contents of (sequence) are mandatory. A single instance is required.*

## **DocumentNumber**

*DocumentNumber is mandatory. A single instance is required.*

The unique identifier of the original document.

## **DocumentVersionNumber**

*DocumentVersionNumber is optional. A single instance might exist.*

The document version number, currently BookSpecification is the only message that has a Version Number.

## **DocumentDate**

*DocumentDate is mandatory. A single instance is required.*

The Date and optionally Time when the document that is referred to was issued.

## **TransactionHistoryNumber**

*TransactionHistoryNumber is optional. A single instance might exist.*

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

## **DocumentReference**

*DocumentReference is optional. Multiple instances might exist.*

An element detailing relevant references pertaining to the papiNet business document, as indicated by the DocumentReferenceType and AssignedBy.

# Business Acceptance

## papiNet Standard - Version 2.31

### BusinessAcceptanceParty

The organisation or legal entity authorised to accept or reject business document.

#### PartyType [attribute]

*PartyType is mandatory. A single instance is required.*

Identifies the business role associated with the particular party

*This item is restricted to the following list.*

#### Bank

The banking representative.

#### BillTo

The address where the invoice is to be sent.

#### BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

#### Broker

The organisation acting as a broker for the buyer or supplier.

#### Buyer

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the "Payer", the "Buyer" is the "Payer".

#### BuyerAgent

The entity acting for the buyer in the transaction.

#### Carrier

The organisation or business entity that transports goods.

#### CarrierAssignmentResponsible

The organisation to which the carrier has assigned some task.

#### ComponentVendor

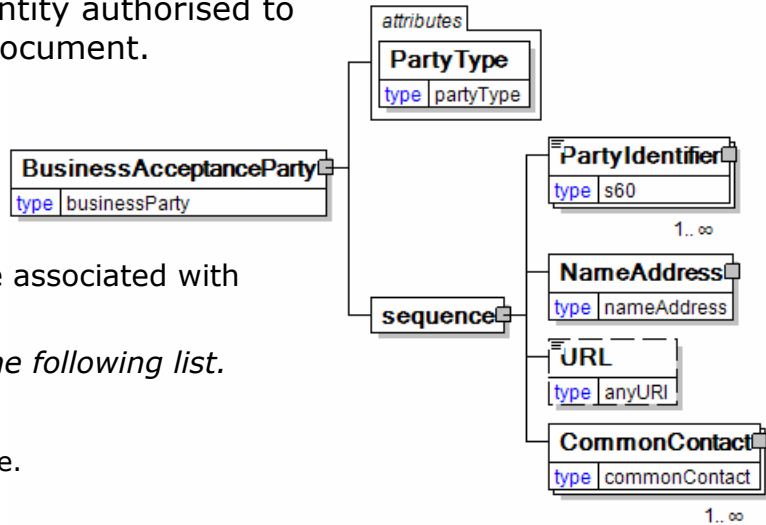
Vendor producing supplied components.

#### Consignee

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

#### Consignor

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.





# Business Acceptance

## papiNet Standard - Version 2.31

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### **Consuming**

The eventual consumer of the material

### **Converter**

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

### **CreditDepartment**

The party responsible for credit authorization.

### **CrossDock**

A third party involved in the transport of goods.

### **CustomerFacility**

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

### **CustomerStock**

A "virtual" location that indicates that the material is owned by the customer.

### **CustomsForwarder**

A forwarder responsible for managing the transfer of goods through customs.

### **DomesticForwarder**

A forwarder responsible for managing the transfer of goods.

### **EndUser**

EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

### **ExportForwarder**

A forwarder responsible for managing the export process.

### **Forwarder**

The party responsible for shipping arrangements.

### **FreightPayer**

The party responsible for paying freight.

### **Insurer**

The party providing insurance coverage for the goods.

### **Landowner**

The party who owns the land upon which the product was produced.

### **MainCarrier**

The primary carrier involved in the movement of goods.

### **Merchant**

A third party buying and reselling products.

# Business Acceptance

## papiNet Standard - Version 2.31

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**Mill**

A production facility.

**NotifyParty**

A party that needs to be notified of the status of the transaction.

**OnBehalfOf**

The activity in question is being made on behalf of this party.

**OrderParty**

The organisation or business entity placing the order if different from the buyer party.

**Payee**

The party handling and receiving payments on behalf of another party.

**Payer**

The party handling and sending payments of behalf of another party.

**PlaceFinalDestination**

The final destination of the goods.

**PlaceOfAccept**

The location where acceptance of the goods is to take place.

**PlaceOfDespatch**

The location where despatch took place.

**PlaceOfDischarge**

The location where the goods were unloaded.

**PlaceOfLoading**

The location where loading is to or took place.

**PlaceOfReloading**

A location where the goods were transferred from one transport type to another.

**Port**

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

**PreCarrier**

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

**PrinterFacility**

The location of the printer who will be using the product.

**ProFormaInvoice**

The organisation or business entity to which the pro-forma invoice will be sent.

**Producer**

# Business Acceptance

## papiNet Standard - Version 2.31

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The manufacturer of the goods.

### **RemitTo**

The organisation or business entity to which payment will be made.

### **Requestor**

The originator of the original purchase order requisition (for example, a printing plant ordering through a central purchasing organisation).

### **SalesAgent**

The organisation or person responsible for product sales acting on behalf of the seller.

### **SalesOffice**

The functional unit in an organisation or business entity that is responsible for product sales.

### **Seller**

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller.

### **ShipFromLocation**

The location the goods were shipped from.

### **ShipOwner**

The owner of the vessel used to ship the goods.

### **ShipTo**

The address the material should be shipped to.

### **SubCarrier**

A sub carrier of another the shipping company.

### **Supplier**

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.

### **Terminal**

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

### **TerminalOperator**

The party providing facilities such as loading, unloading, or warehousing.

### **Warehouse**

A storage location. It can be the origin or destination location of a transport leg in a route.

### **WillAdvise**

Indicates that party will be identified at a later time

# Business Acceptance papiNet Standard - Version 2.31

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## **Other**

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

## **(sequence)**

*The contents of (sequence) are mandatory. A single instance is required.*

## **PartyIdentifier**

*PartyIdentifier is mandatory. One instance is required, multiple instances might exist.*

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

## **NameAddress**

*NameAddress is mandatory. A single instance is required.*

A group item containing name and address of an organisation or business entity.

## **URL**

*URL is optional. A single instance might exist.*

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

## **CommonContact**

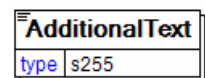
*CommonContact is mandatory. One instance is required, multiple instances might exist.*

Identifies a specific individual associated with the party.

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## **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.



# Business Acceptance papiNet Standard - Version 2.31

## Business Acceptance Business Scenarios

### Business Acceptance Scenario Listing

<b>Scenario A</b>	Warehouse Operator accepts a Delivery Instruction
<b>Scenario B</b>	Warehouse Operator rejects a Delivery Instruction

### Scenario A

<b>Message</b>	Business Acceptance
<b>Scenario</b>	Supplier sends a Delivery Instruction to the Warehouse Operator. The Warehouse Operator accepts the Delivery Instruction
<b>Outcome</b>	Supplier records in the ERP system that the Delivery Instruction has been accepted.
<b>Initiator</b>	Warehouse Operator
<b>Receiver</b>	Supplier
<b>Preconditions</b>	Supplier sends Delivery Instruction no 12345 to Warehouse Operator
<b>Trigger</b>	Warehouse Operator receives a Delivery Instruction
<b>Step 1.</b>	Warehouse Operator successfully posts the Delivery Instruction into their ERP.
<b>Step 2.</b>	A user checks the content of the Delivery Instruction and accepts that it can be executed.
<b>Step 3.</b>	Warehouse Operator sends a Business Acceptance to the Supplier specifying that the Delivery Instruction is accepted <ul style="list-style-type: none"> <li>• BusinessAcceptanceStatus = "Accepted"</li> <li>• DocumentNumber = 12345</li> <li>• DocumentName = "DeliveryInstruction"</li> <li>• DocumentType = "DeliveryInstruction"</li> <li>• DocumentDate</li> <li>• BusinessAcceptanceParty with Party and CommonContact</li> </ul>
<b>Results</b>	The Supplier system marks the Delivery Instruction as accepted.

## Business Acceptance papiNet Standard - Version 2.31

### Scenario B

<b>Message</b>	Business Acceptance
<b>Scenario</b>	Supplier sends a Delivery Instruction to the Warehouse Operator. The Warehouse Operator rejects the Delivery Instruction
<b>Outcome</b>	Supplier records in the ERP system that the Delivery Instruction has been rejected. Manual actions are needed.
<b>Initiator</b>	Warehouse Operator
<b>Receiver</b>	Supplier
<b>Preconditions</b>	Supplier sends Delivery Instruction no 12346 to Warehouse Operator
<b>Trigger</b>	Warehouse Operator receives a Delivery Instruction
<b>Step 1.</b>	Warehouse Operator successfully posts the Delivery Instruction into their ERP.
<b>Step 2.</b>	A user checks the content of the Delivery Instruction and finds out that it can't be executed. The user rejects the Delivery Instruction.
<b>Step 3.</b>	Warehouse Operator sends a Business Acceptance to the Supplier specifying that the Delivery Instruction is rejected. Reject reasons are given in AdditionalText. <ul style="list-style-type: none"> <li>• BusinessAcceptanceStatus = "Rejected"</li> <li>• DocumentNumber = 12346</li> <li>• DocumentName = "DeliveryInstruction"</li> <li>• DocumentType = "DeliveryInstruction"</li> <li>• DocumentDate</li> <li>• BusinessAcceptanceParty with Party and CommonContact</li> <li>• Additionaltext = "explanation of reject reasons"</li> </ul>
<b>Results</b>	The Supplier system marks the Delivery Instruction as rejected. The responsible

## **Business Acceptance papiNet Standard - Version 2.31**

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	organisation is notified and manual actions are taken to find a solution.
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