



**Posti**

---

*Detailed instructions for OutReceiptConfirmation XML usage*

**LAST UPDATED:** 3-Jul-19

**VERSION:** 1.3

**FILE NAME:** OutReceiptConfirmation.doc

**Document Revision History**

REVISION	Date	Description (Changes Made)	Author
N	2.10.2017	- Added Receipt/ReceiptLines/ReceiptLine/OrderLine/Extn/ExtnCustomerSalesUOM. - Added Receipt/ReceiptLines/ReceiptLine/OrderLine/Extn/ExtnCustomerSalesUOMConversion.	Maria Salo
	16.4.2019	Added Receipt/ReceiptLines/ReceiptLine/ManufacturingDate.	Maria Hautala
	24.5.2019	Added Receipt/ReceiptLines/ReceiptLine/OrderLine/Order/References/Reference.	Maria Hautala

**Document Approval History**

Name	Signature	Date	Version Approved / Comments

**Related or Reference Documents**



*Detailed instructions for OutReceiptConfirmation XML usage*

---

<b>Document Name</b>	<b>Description</b>	<b>Owner</b>	<b>Location</b>
OutReceiptConfirmation.xlsx	Description of OutReceiptConfirmation XML fields		
OutReceiptConfirmation.xml	Example of OutReceiptConfirmation XML file		

**TABLE OF CONTENTS**

**1 GENERAL ..... 7**

1.1 PURPOSE..... 7

**2 OVERVIEW ..... 7**

2.1 TECHNICAL REQUIREMENTS REFERENCE ..... 7

**3 ASSUMPTIONS AND DEPENDENCIES..... 7**

3.1 ASSUMPTIONS..... 7

3.2 DEPENDENCES ..... 7

**4 RECEIPT CONFIRMATION MANAGEMENT ..... 7**

4.1 RECEIPT CONFIRMATION ..... 7

**5 COMPONENT DESIGN ..... 8**

5.1 RECEIPT/METADATA..... 8

5.1.1 *DocumentType* ..... 8

5.1.2 *CreationDateTime*..... 8

5.1.3 *ReceiverOrganizationId*..... 8

5.1.4 *Language*..... 8

5.1.5 *ExternalUserId*..... 8

5.1.6 *MessageIdentifier*..... 8

5.2 RECEIPT..... 8

5.2.1 *TrailerLPNNo* ..... 8

5.2.2 *ReceivingNode* ..... 8

5.2.3 *ReceiptNo*..... 9

5.2.4 *ReceiptDate*..... 9

5.2.5 *EnterpriseCode* ..... 9

5.2.6 *ArrivalDateTime* ..... 9

5.3 RECEIPT/RECEIPTLINES/RECEIPTLINE..... 9

5.3.1 *UnitOfMeasure (UOM)*..... 9

5.3.2 *SerialNo* ..... 9

5.3.3 *Quantity*..... 9

5.3.4 *ProductClass*..... 9

5.3.5 *OrderNo* ..... 10

5.3.6 *PrimeLineNo*..... 10

5.3.7 *LotNumber* ..... 10

5.3.8 *LotAttribute1* ..... 10

5.3.9 *LotAttribute2*..... 10

5.3.10 *LotAttribute3*..... 10

5.3.11 *ItemID*..... 10



Detailed instructions for OutReceiptConfirmation XML usage

- 5.3.12 *InventoryStatus* ..... 11
- 5.3.13 *DispositionCode* ..... 11
- 5.3.14 *ManufacturingDate* ..... 12
- 5.4 RECEIPT/RECEIPTLINES/RECEIPTLINE/EXTN ..... 12
  - 5.4.1 *ExtnBestBeforeDate* ..... 12
- 5.5 RECEIPT/RECEIPTLINES/RECEIPTLINE/ORDERLINE ..... 12
  - 5.5.1 *OrderedQuantity* ..... 12
  - 5.5.2 *CustomerLinePoNo* ..... 13
- 5.6 RECEIPT/RECEIPTLINES/RECEIPTLINE/ORDERLINE/EXTN ..... 13
  - 5.6.1 *ExtnCustomerSalesUOM* ..... 13
  - 5.6.2 *ExtnCustomerSalesUOMConversion* ..... 13
- 5.7 RECEIPT/RECEIPTLINES/RECEIPTLINE/ORDERLINE/ITEMDETAILS ..... 13
  - 5.7.1 *ItemID* ..... 13
- 5.8 RECEIPT/RECEIPTLINES/RECEIPTLINE/ORDERLINE/ITEMDETAILS/PRIMARYINFORMATION  
13
  - 5.8.1 *UnitWidthUOM* ..... 13
  - 5.8.2 *UnitWidth* ..... 13
  - 5.8.3 *UnitWeightUOM* ..... 13
  - 5.8.4 *UnitWeight* ..... 13
  - 5.8.5 *UnitLengthUOM* ..... 13
  - 5.8.6 *UnitLength* ..... 14
  - 5.8.7 *UnitHeightUOM* ..... 14
  - 5.8.8 *UnitHeight* ..... 14
- 5.9 RECEIPT/RECEIPTLINES/RECEIPTLINE/ORDERLINE/REFERENCES/REFERENCE ..... 14
  - 5.9.1 *Name* ..... 14
  - 5.9.2 *Value* ..... 14
- 5.10 RECEIPT/RECEIPTLINES/RECEIPTLINE/ORDERLINE/ORDER ..... 14
  - 5.10.1 *CustomerPONo* ..... 14
- 5.11 RECEIPT/RECEIPTLINES/RECEIPTLINE/ORDERLINE/ORDER/REFERENCES/REFERENCE 14
  - 5.11.1 *Name* ..... 14
  - 5.11.2 *Value* ..... 14
- 5.12 RECEIPT/RECEIPTLINE/SHIPMENTLINE ..... 15
  - 5.12.1 *UnitOfMeasure* ..... 15
  - 5.12.2 *ShipmentLineNo* ..... 15
  - 5.12.3 *Quantity* ..... 15
  - 5.12.4 *ProductClass* ..... 15
  - 5.12.5 *ItemID* ..... 16
  - 5.12.6 *ReceivedQuantity* ..... 16
- 5.13 RECEIPT/SHIPMENT ..... 16
  - 5.13.1 *ShipmentNo* ..... 16
  - 5.13.2 *ReceivingNode* ..... 16
  - 5.13.3 *ShipmentType* ..... 16

5.13.4 *BolNo*..... 16

## 1 General

---

### 1.1 Purpose

OutReceiptConfirmation is the standard way to interact receipt confirmation with Principal and consists receipt information from Posti WMS.

Purpose of this document is to define technically how OutReceiptConfirmation message is used and what kind of data is reported from Posti WMS.

Logistics' services between Posti and Principal are described in the contract done with Posti and Principal.

## 2 Overview

---

### 2.1 Technical Requirements Reference

- Interface for application to application integration. (High volume customers)
- WMS online web application. (Low volume customers)

## 3 Assumptions and Dependencies

---

### 3.1 Assumptions

- Data is case sensitive
- Decimal separator is dot
- Date format is YYYY-MM-DDTHH:MM:SS+2:00

### 3.2 Dependences

The following list consists values which are pre-defined by Posti. More information later in this document.

- Unit of Measures (more information in InItemMaster documentation)
- Product Class
- Line References
- Primary Information

## 4 Receipt Confirmation management

---

### 4.1 Receipt Confirmation

Receipt confirmation message is sent out after receipt confirmation in Posti WMS.

## 5 Component Design

---

### 5.1 Receipt/MetaData

MetaData is used for message quality control and routing purposes.

#### 5.1.1 DocumentType

Name of the document. This should be OutReceiptConfirmation

#### 5.1.2 CreationDateTime

Date of receipt confirmation creation

#### 5.1.3 ReceiverOrganizationId

Name of the organization to whom the Receipt Confirmation is sent to (Principal identifier)

#### 5.1.4 Language

Language code of the receipt confirmation in two-letter ISO format e.g. FI

#### 5.1.5 ExternalUserId

Identifier of the principal in external system (OVT code)

#### 5.1.6 MessageIdentifier

In outgoing message from Posti, Posti generates the unique identifier  
This MessageIdentifier can be used for troubleshooting purposes to uniquely identify any message that has been sent by Posti integration environment.

---

### 5.2 Receipt

#### 5.2.1 TrailerLPNNo

The License Plate Number of the Trailer.  
This information is sent only if agreed in the contract between Participant and Posti.

#### 5.2.2 ReceivingNode

Receiving node or warehouse in Posti  
Voutila = 12



### **5.2.3 ReceiptNo**

The unique number, which by itself identifies a receipt along with ReceivingNode.

### **5.2.4 ReceiptDate**

The date when the receipt was started.

### **5.2.5 EnterpriseCode**

The enterprise to which this receipt belongs. Principal's number in Posti WMS. Number is told in the contract with Principal and Posti.

### **5.2.6 ArrivalDateTime**

The timestamp when the receipt arrived.

---

## **5.3 Receipt/ReceiptLines/ReceiptLine**

### **5.3.1 UnitOfMeasure (UOM)**

Sales unit of measure and purchase unit of measure should be the same as inventory unit of measure. It is possible to do conversion in Sterling but it has to be discussed and be based on the contract with Principal and Posti

### **5.3.2 SerialNo**

Only informed if item is fully serial controlled along logistic process.  
This is informed in item master in the attribute 'IsSerialTracked = Y'.

### **5.3.3 Quantity**

The quantity of item on the receipt line.

### **5.3.4 ProductClass**

The product class is used as an inventory class identifier.  
Product classes are pre-defined by Posti. If Product classes based on Principal's own values are needed, they are agreed and described in the contract with Principal and Posti.

Available list of values:

Product Class	Name FI	Name EN	Kuvaus	Description
NORM	Vapaa varasto	Unrestricted Stock	Priima tuote, vapaa varasto	Receiving to unrestricted stock, default
BRKN	Rikkoutuneet	Broken Stock	Käytetään varaston vastaanotossa, rikki varastolle saapuessa.	Receive as broken products
RTRN	Palautus toimittajalle	Return to Vendor	Odottaa palautusta tavarantoimittajalle	Item received is waiting to be returned to vendor.
SCRP	Romutus	Scrap	Odottaa hävitystä	Item received is waiting to be delivered to scrapping.
BSTK	Kakkoslaatu	B Stock	Kakkoslaatuisen tuotteen saldo	Item received is to be handled as B quality stock.
FRWD	Toimitus eteenpäin	Forwarding	Odottaa toimitusta	Item received is to be forwarded to another address.
DSHP	Palautus toimittajalle (GLUE)	Return to Vendor (GLUE)	Odottaa palautusta tavarantoimittajalle (toimitusmyynti=Glue)	Item received is waiting to be returned to vendor (GLUE).

### 5.3.5 OrderNo

The purchase order number in Posti WMS.

### 5.3.6 PrimeLineNo

The purchase order line number in Posti WMS.

### 5.3.7 LotNumber

The Lot number

### 5.3.8 LotAttribute1

Any other lot attribute

### 5.3.9 LotAttribute2

Any other lot attribute

### 5.3.10 LotAttribute3

Any other lot attribute

### 5.3.11 ItemID

The identifier of the item. (ItemID in Item Master)

### 5.3.12 InventoryStatus

Inventory status after receiving.

The value of Inventory Status is linked to the value of Disposition Code

Disposition Code	Inventory Status	Name FI	Name EN	Kuvaus	Description
STOCKED	UN	Vapaa varasto	Unrestricted Stock	Priima tuote, vapaa varasto	Receiving to unrestricted stock, default
BROKEN	UN	Rikkoutuneet	Broken Stock	Käytetään varaston vastaanotossa, rikki varastolle saapuessa.	Receive as broken products
MHAZ	MH	Puuttuvat VAK –tiedot	Missing Hazmat Information	Tuotteesta puuttuu VAK-tiedot	Item received has missing or inadequate hazmat data. User action required before put-away
WINS	BQ	Odottaa tarkastusta	Waiting for QC	Odottaa tarkastusta ennen hyllytystä	Item is waiting to be inspected before put-away.
RETURN	UN	Palautus toimittajalle	Return to Vendor	Odottaa palautusta tavarantoimittajalle	Item received is waiting to be returned to vendor.
SCRAP	UN	Romutus	Scrap	Odottaa hävitystä	Item received is waiting to be delivered to scrapping.
BSTOCK	UN	Kakkoslaatu	B Stock	Kakkoslaatuisen tuotteen saldo	Item received is to be handled as B quality stock.
FORWARD	UN	Toimitus eteenpäin	Forwarding	Odottaa toimitusta	Item received is to be forwarded to another address.
DROPSHIP	UN	Palautus toimittajalle (GLUE)	Return to Vendor (GLUE)	Odottaa palautusta tavarantoimittajalle (toimitusmyynti=Glue)	Item received is waiting to be returned to vendor (GLUE).

### 5.3.13 DispositionCode

The disposition code for the receipt line.

Disposition Code	Name FI	Name EN	Kuvaus	Description
STOCKED	Vapaa varasto	Unrestricted Stock	Priima tuote, vapaa varasto	Receiving to unrestricted stock, default
BROKEN	Rikkoutuneet	Broken Stock	Käytetään varaston vastaanotossa, rikki varastolle saapuessa.	Receive as broken products
MHAZ	Puuttuvat VAK –tiedot	Missing Hazmat Information	Tuotteesta puuttuu VAK-tiedot	Item received has missing or inadequate hazmat data. User action required before put-away
WINS	Odottaa tarkastusta	Waiting for QC	Odottaa tarkastusta ennen hyllytystä	Item is waiting to be inspected before put-away.
RETURN	Palautus toimittajalle	Return to Vendor	Odottaa palautusta tavarantoimittajalle	Item received is waiting to be returned to vendor.
SCRAP	Romutus	Scrap	Odottaa hävitystä	Item received is waiting to be delivered to scrapping.
BSTOCK	Kakkoslaatu	B Stock	Kakkoslaatuisen tuotteen saldo	Item received is to be handled as B quality stock.
FORWARD	Toimitus eteenpäin	Forwarding	Odottaa toimitusta	Item received is to be forwarded to another address.
DROPSHIP	Palautus toimittajalle (GLUE)	Return to Vendor (GLUE)	Odottaa palautusta tavarantoimittajalle (toimitusmyynti=Glue)	Item received is waiting to be returned to vendor (GLUE).

### 5.3.14 ManufacturingDate

Manufacturing date.

## 5.4 Receipt/ReceiptLines/ReceiptLine/Extn

### 5.4.1 ExtnBestBeforeDate

Best before date

## 5.5 Receipt/ReceiptLines/ReceiptLine/OrderLine

### 5.5.1 OrderedQuantity

The quantity of the line item that has been ordered. If part of the line is cancelled, this number is reduced appropriately. If an order line is returned, this number is not reduced.

### 5.5.2 CustomerLinePoNo

The principal's PO line number for the order during create order time.

---

## 5.6 Receipt/ReceiptLines/ReceiptLine/OrderLine/Extn

### 5.6.1 ExtnCustomerSalesUOM

Customer sales unit of measure.

### 5.6.2 ExtnCustomerSalesUOMConversion

Multiplier that can be used together with base unit quantity to gain quantity in sales unit.

---

## 5.7 Receipt/ReceiptLines/ReceiptLine/OrderLine/ItemDetails

### 5.7.1 ItemID

The identifier of the item. (ItemID in Item Master)

## 5.8 Receipt/ReceiptLines/ReceiptLine/OrderLine/ItemDetails/PrimaryInformation

When new items without measurement information are receipted in warehouse then measurement is done and informed.

If measurement information is needed it is agreed in the contract between Participant and Posti.

### 5.8.1 UnitWidthUOM

Unit of measure (CM) in which item width is measured.

### 5.8.2 UnitWidth

The width of one unit of item quantity.

### 5.8.3 UnitWeightUOM

Unit of measure (KG) in which item weight is measured.

### 5.8.4 UnitWeight

The weight of one unit of item quantity.

### 5.8.5 UnitLengthUOM

Unit of measure (CM) in which item length is measured.

---



**5.8.6 UnitLength**

The length of one unit of item quantity.

**5.8.7 UnitHeightUOM**

Unit of measure (CM) in which item height is measured.

**5.8.8 UnitHeight**

The height of one unit of item quantity.

---

**5.9 Receipt/ReceiptLines/ReceiptLine/OrderLine/References/Reference**

**5.9.1 Name**

The name of the reference

**5.9.2 Value**

Free-form text associated with the Reference Name.

---

**5.10 Receipt/ReceiptLines/ReceiptLine/OrderLine/Order**

**5.10.1 CustomerPONo**

The PO number of the principal.

---

**5.11 Receipt/ReceiptLines/ReceiptLine/OrderLine/Order/References/Reference**

**5.11.1 Name**

The name of the reference

**5.11.2 Value**

Free-form text associated with the Reference Name.

---

## 5.12 Receipt/ReceiptLine/ShipmentLine

### 5.12.1 UnitOfMeasure

Sales unit of measure and purchase unit of measure should be the same as inventory unit of measure. It is possible to do conversion in Sterling but it has to be discussed and be based on the contract with Principal and Posti

### 5.12.2 ShipmentLineNo

The shipment line number is unique for a shipment.

### 5.12.3 Quantity

The shipment line original quantity.

### 5.12.4 ProductClass

The product class is used as an inventory class identifier.

Product classes are pre-defined by Posti. If Product classes based on Principal's own values are needed, they are agreed and described in the contract with Principal and Posti.

Available list of values:

Product Class	Name FI	Name EN	Kuvaus	Description
NORM	Vapaa varasto	Unrestricted Stock	Priima tuote, vapaa varasto	Receiving to unrestricted stock, default
BRKN	Rikkoutuneet	Broken Stock	Käytetään varaston vastaanotossa, rikki varastolle saapuessa.	Receive as broken products
NORM	Puuttuvat VAK –tiedot	Missing Hazmat Information	Tuotteesta puuttuu VAK-tiedot	Item received has missing or inadequate hazmat data. User action required before put-away
NORM	Odottaa tarkastusta	Waiting for QC	Odottaa tarkastusta ennen hyllytystä	Item is waiting to be inspected before put-away.
RTRN	Palautus toimittajalle	Return to Vendor	Odottaa palautusta tavarantoimittajalle	Item received is waiting to be returned to vendor.
SCRP	Romutus	Scrap	Odottaa hävitystä	Item received is waiting to be delivered to scrapping.
BSTK	Kakkoslaatu	B Stock	Kakkoslaatuksen tuotteen saldo	Item received is to be handled as B quality stock.
FRWD	Toimitus eteenpäin	Forwarding	Odottaa toimitusta	Item received is to be forwarded to another address.
DSHP	Palautus toimittajalle (GLUE)	Return to Vendor (GLUE)	Odottaa palautusta tavarantoimittajalle (toimitusmyynti=Glue)	Item received is waiting to be returned to vendor (GLUE).

#### **5.12.5 ItemID**

The identifier of the item.

#### **5.12.6 ReceivedQuantity**

Quantity received for the shipment line.

---

### **5.13 Receipt/Shipment**

#### **5.13.1 ShipmentNo**

The shipment number

#### **5.13.2 ReceivingNode**

The node or warehouse in Posti that receives the shipment.

Voutila = 12

#### **5.13.3 ShipmentType**

The user-defined shipment type. This is used to indicate the composition of the shipment.

#### **5.13.4 BolNo**

Waybill number