



eWMS API Documentation

Application Program Interface

Soap Requests



* General requirements SOAP Request

Available Soap Requests in eWMS

- CreateOrder
- ChangeOrderStatus
- ChangeCustomer
- *RequestOrderStatus
- CreateProducts
- * RequestInventory
- CreatePreAdvice
- ChangePreAdviceStatus
- *RequestPreAdviceStatus

Push Soap Messages to API

- * OrderStatusChanged
- * InventoryChange
- * PreAdviceStatusChange
- * RequestReturn

* Communication

* Errorcodes

* Modifications *

- 1.7 : RequestOrderStatus layout modifications in xml
- 1.8 : Added Currency to CreateOrder soap
Added ShipMethod to CreateOrder soap

- 1.9: Order status descriptions updated
- 2.0: Added ChangeCustomer
- 2.1: Errorcodes added. Besides OrderID now OrderNr available in messages.
- 2.2: Request Inventory added
Change Order status added
- 2.3: Minor Message changes
- 2.4: Added ServicePoint to Customer Tag
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- 2.6: Orderstatus list changed
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- 2.8: Correction field name UseDueDate to DueDate in preadviceline item
- 2.9: CreateOrder , Added possibilities carrier and shipment codes
- 3.0: Added instruction to the Value Added Handling tag
- 3.1: Added Lotnumber/Duedate/Batchnumber to Inventory Soap Request
- 3.2: Added FileTag to Additional Documents
- 3.3: Added Shipped items to OrderStatusChanged
- 3.4: Added Soap Password as alternative for ip-address white listing
- 3.5: Changes CreatePreavices and Push PreAdviceStatusChange
- 3.6: Order Item NoDelivery_Day's
- 3.7: Added Weight to Product Item
- 3.8: Added fields Quantity_Full_Box and Quantity_Full_Pallet to Product Item
- 3.9: Added fields language descriptions to Product Item
- 3.10: Added fields UseExactSize,height,width,length to Product Item
- 3.11: Added field GoodsTotalValue to Order Item
- 3.12: Added RequestPreAdviceStatus
- 3.13: Post RequestRetun
- 3.14: Added field Representative to Order Item
- 3.15: Added RequestPreAdviceStatus via ProductID & ChangeOrderStatus DayOfDelivery
- 3.16: Update Post and response on Request OrderStatus , added new fields
- 3.17: Add new field Instruction to PreAdviceLine Item
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- 3.21: Add new field Reference to Orderline Item , displayed on packing slips
- 3.22: Add new fields Customer item: Invoice address
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- 3.24: Add new fields Incoming and Outgoing on the RequestInventory response + InventoryChange message
- 3.25: Add new fields PreAdvice.TrackID, PreAdviceLine.ExpectedStatus,Products.StorageMode

*** General requirements SOAP Request ***

The communication with the eWMS system goes via SOAP requests.

A standard SOAP request looks as follows:

```
<?xml version="1.0" encoding="utf-16"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    * SOAP INHOUD *
  </soap:Body>
</soap:Envelope>
```

By default the sending client creates a header during the post operation:

```
POST / HTTP/1.0
Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, */*
Accept-Language: en
Content-Type: text/xml; charset=utf-16
User-Agent: Mozilla/5.0 (Windows; U; Windows NT 6.0; en-US; rv:1.9.2.16) Gecko/20110319
Firefox/3.6.16 ( .NET CLR 3.5.30729; .NET4.0C)
Host: 127.0.0.1:1450
Content-Length: 4550
Connection: Close
SOAPAction: "CreateOrder"
```

This standard header also states the SOAPAction, which tells the eWMS which action to undertake with the data in the Soap envelope.

These are further described as *** SOAP CONTENT ***

Every *** SOAP CONTENT *** will start with the web shop code, in order to recognise the requesting party.

```
<WebshopCode>UniqueWebshopID</WebshopCode>
```

Soap requests without this Tag will not be processed, and the connection will be broken by the SOAP server. This is also the case if **UniqueWebshopID** is not known within the eWMS system.

- M 1 - Mandatory Item, and must occur 1 time.

- O 0..n - Optional Item, and may occur 0 to n times.

- C 1..n - Conditional Item, and must occur at least 1 time.

In case the web shops server doesn't have a static IP address that can be whitelisted by Distrimedia to get access to the API of Distrimedia, you may add (optional) field SoapPassword and fill out the password provided by distrimedia, which will also grant access to the API.

```
<SoapPassword>xxx</SoapPassword>
```

SOAP Action : CreateOrder

CreateOrder is used to create an order within the eWMS system. When the order is added, the SOAP server will return a Unique ID for the order to the requesting party, by means of which the order will be recognised, and which will have to be used to identify an order during further communication with eWMS.

For each CreateOrder only 1 order can be created, and it cannot be used as a batch to create several orders in 1 Soap Request.

Globale Layout CreateOrder

<Order>	
* ORDER ITEM *	- M 1 -
* CUSTOMER ITEM *	- M 1 -
<OrderValueAddedHandling>	- O 0..n -
* VALUE ADDED HANDLING ITEM *	
</OrderValueAddedHandling>	
<OrderLine>	- M 1..n -
* ORDERLINE ITEM *	
<Product>	- O 1 -
* PRODUCT ITEM *	
</Product>	
<LineValueAddedHandling>	- O 0..n -
* VALUE ADDED HANDLING ITEM *	
</LineValueAddedHandling>	
</OrderLine>	
<AdditionalDocuments>	- O 0..n -
* ADDITIONALDOCUMENT ITEM *	
</AdditionalDocuments>	
<LabelText>	- O 0..n -
* LABELTEXT ITEM *	
</LabelText>	
</Order>	

Return: Ok or Error, in which reason displays the error description. An OrderID is also returned (nnnnnnnn), which is used for further communication to identify an order (e.g. in case of ChangeOrderStatus)

```

<SoapRequestResult>
  <Status>OK</Status>
  <OrderID>UniqueID</OrderID>
  <Reason>Reason</Reason>
  <ResponseDate>yyyymmdd</ResponseDate>
  <ResponseTime>hhmmss</ResponseTime>
</SoapRequestResult>
    
```

SOAP Action : **ChangeOrderStatus**

ChangeOrderStatus is intended to change an order status.

These actions may be:

- Cancel an Order (Status=Cancel)
- Launch partial delivery of an order (Status = Startorder)
- Delayed deliverydate (field DayOfDelivery, format YYYYMMDD)

Although Order ID is sent in N010 format, the OrderID need not contain leading zeroes when requested. But you can also request the change based on OrderNumber or OrderReference

1. Cancel an Order

```
<ChangeOrderStatus>
  <OrderID>7648932</OrderID>
  <Status>Cancel</Status>
</ChangeOrderStatus>
```

or

```
<ChangeOrderStatus>
  <OrderNumber>100005541</OrderNumber>
  <Status>Cancel</Status>
</ChangeOrderStatus>
```

or

```
<ChangeOrderStatus>
  <OrderReference>ORD-123456</OrderReference>
  <Status>Cancel</Status>
</ChangeOrderStatus>
```

2. Launch partial Delivery

```
<ChangeOrderStatus>
  <OrderID>7648932</OrderID>
  <Status>Startorder</Status>
</ChangeOrderStatus>
```

or

```
<ChangeOrderStatus>
  <OrderNumber>100005541</OrderNumber>
  <Status>Startorder</Status>
</ChangeOrderStatus>
```

or

```
<ChangeOrderStatus>
  <OrderReference>ORD-123456</OrderReference>
  <Status>Startorder</Status>
</ChangeOrderStatus>
```

3. Delayed DeliveryDate

```
<ChangeOrderStatus>
  <OrderID>7648932</OrderID>
  <DayOfDelivery>20201231</DayOfDelivery>
</ChangeOrderStatus>

or

<ChangeOrderStatus>
  <OrderNumber>100005541</OrderNumber>
  <DayOfDelivery>20201231</DayOfDelivery>
</ChangeOrderStatus>

or

<ChangeOrderStatus>
  <OrderReference>ORD-123456</OrderReference>
  <DayOfDelivery>20201231</DayOfDelivery>
</ChangeOrderStatus>
```

Return: Ok or Error, in which reason displays the error description.

```
<SoapRequestResult>
  <Status>OK</Status>
  <Reason>Reason</Reason>
  <ResponseDate>yyyymmdd</ResponseDate>
  <ResponseTime>hhmmss</ResponseTime>
</SoapRequestResult>
```

Order status Change to cancel is only possible when Order status is in status RCV / PCK or PSH. If the status is PSH, only the order lines which have not been delivered shall be cancelled.

Order status change to StartOrder is only possible when Order status is in status RCV or PSH and minimum one orderline has status CLA (claimed)

Order Status change for a delayed Delivery date is only possible in status RCV.

SOAP Action : **ChangeCustomer**

ChangeCustomer is used to change the address of the Customer of an Order.

Although Order ID is sent in N010) format, the OrderID should not contain leading zeroes when requested.

Globale Layout ChangeCustomer

```
<ChangeCustomer>
  <OrderID>7648932</OrderID>
  * CUSTOMER ITEM *
- M 1 -
</ChangeCustomer>
```

Return: Ok or Error, in which reason displays the error description.

```
<SoapRequestResult>
  <Status>OK</Status>
  <Reason>Reason</Reason>
  <ResponseDate>yyyymmdd</ResponseDate>
  <ResponseTime>hhmmss</ResponseTime>
</SoapRequestResult>
```

Customer Change is only possible when Order status is in status RCV / PCK or PSH. If the status is PSH, the new items are sent to the new address when claimed.

SOAP Action : RequestOrderStatus

RequestOrderStatus is used to request an order status.

You can check an order with the eWMS id (OrderID) or with the Ordernumber (OrderNumber), or with the Reference (OrderRerence)

Globale Layout RequestOrderStatus

```
<RequestOrderStatus>
  <OrderID>7648932</OrderID>
                                     or
  <OrderNumber>7648932</OrderNumber>
                                     or
  <OrderReference>7648932</OrderReference>
</RequestOrderStatus>
```

Return: The status of an order:

Please note the segments <OrderLine> and <ShippedItems> , marked in grey in the example below, will only be used, if this option is activated by Distrimedia. Please request Distrimedia to activate, if desired.

These two segments contain the same data, but in an other way. You can choose which suits you best.

- The orderliness are part of the TrackIDs-segments, allowing you to know which products were shipped on which shipment. If a Product uses Lot number, batch numbers or duedates, these shall also be stated in this orderline-info.
- The shippedItems contain the same shipped products of this order, but in one separate segment at the end of the response. Lot, batch or duedates are not included in this segment. Please note the ShippedItems segment is cumulative. If an order is shipped in several shipments, it will always contain all shipped products at that time. Meaning on a second shipment, the ShippedItems will of the first shipments will also be included again, the difference can be seen in the field with the shipping date.

The Response example on the next two pages , shows an example of an order that was shipped in two times, two different shipping dates.

```

<OrderStatusChange>
  <OrderID>0000069340</OrderID>
  <OrderNumber>45312</OrderNumber>
  <OrderReference></OrderReference>
  <OrderStatus>SHP</OrderStatus>
  <Carrier>PNL</Carrier>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8930858/BB/3500</TrackAndTraceURL>

```

```

<TrackIDs> - 0 1 . . n -

```

```

  <NumberColli>1</NumberColli>
  <Carrier>PNL</Carrier>
  <ExecutingCarrier>PNL</ExecutingCarrier>
  <Weight>1,00</Weight>
  <AWB>3SVLSX8930858</AWB>
  <TrackID>3SVLSX8930858</TrackID>
  <BoxType></BoxType>
  <Reference>8-45312</Reference>
  <ShippedDate>20180606</ShippedDate>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8930858/BB/3500</TrackAndTraceURL>

```

```

  <Orderline> - 0 1 . . n -

```

```

    <EAN>5410976579014</EAN>
    <Pieces>2</Pieces>
    <ExternalRef>257/510</ExternalRef>
    <Description1>La Trufflina</Description1>
    <LotNumber>L7313</LotNumber>
    <BatchNumber>2000051109</BatchNumber>
    <DueDate>20181026</DueDate>

```

```

  </Orderline>

```

```

  <Package> - 0 1 . . n -

```

```

    <AWB>3SVLSX8930858</AWB>
    <TrackID>3SVLSX8930858</TrackID>
    <BoxType></BoxType>
    <Reference>8-45312</Reference>
    <Weight>1,00</Weight>
    <BoxType>350</BoxType>
    <BoxNumber>100123456</BoxNumber>
    <Volume>0,005</Volume>
    <Height>15</Height>
    <Width>15</Width>
    <Length>20</Length>
    <Description>Chocolade</Description>
    <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8930858/BB/3500</TrackAndTraceURL>

```

```

  </Package>

```

```

</TrackIDs>

```

```

<TrackIDs>

```

```

  <NumberColli>1</NumberColli>
  <Carrier>PNL</Carrier>
  <ExecutingCarrier>PNL</ExecutingCarrier>
  <Weight>0,60</Weight>
  <AWB>3SVLSX8977103</AWB>
  <TrackID>3SVLSX8977103</TrackID>
  <BoxType></BoxType>
  <Reference>8-45312-002</Reference>
  <ShippedDate>20180612</ShippedDate>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8977103/BB/3500</TrackAndTraceURL>

```

```

<Orderline>
  <EAN>5410976270911</EAN>
  <Pieces>3</Pieces>
  <ExternalRef>270/910</ExternalRef>
  <Description1>Opus 180g</Description1>
  <LotNumber>L7108</LotNumber>
  <BatchNumber>11474852</BatchNumber>
  <DueDate>20181003</DueDate>
</Orderline>
<Package>
  <AWB>3SVLSX8977103</AWB>
  <TrackID>3SVLSX8977103</TrackID>
  <BoxType></BoxType>
  <Reference>8-45312-002</Reference>
  <Weight>0,60</Weight>
  <BoxType>350</BoxType>
  <BoxNumber>100123456</BoxNumber>
  <Volume>0,005</Volume>
  <Height>15</Height>
  <Width>15</Width>
  <Length>20</Length>
  <Description>Chocolade</Description>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8977103/BB/3500</TrackAndTraceURL>
</Package>
</TrackIDs>

<ShippedItems>
  <DateShipped>20180606</DateShipped>
  <Product>
    <EAN>5410976579014</EAN>
    <ExternalRef>257/510</ExternalRef>
    <ExtRef>257/510</ExtRef>
    <Description1>La Trufflina</Description1>
    <Description2></Description2>
    <Description3></Description3>
    <Pieces>2</Pieces>
  </Product>
</ShippedItems>
<ShippedItems>
  <DateShipped>20180612</DateShipped>
  <Product>
    <EAN>5410976270911</EAN>
    <ExternalRef>270/910</ExternalRef>
    <ExtRef>270/910</ExtRef>
    <Description1>Opus 180g</Description1>
    <Description2></Description2>
    <Description3></Description3>
    <Pieces>3</Pieces>
  </Product>
</ShippedItems>

<LastChangeDate>20200723</LastChangeDate>
<LastChangeTime>110148</LastChangeTime>
</OrderStatusChange>

```

Order status:

RCV - Received in system

PCK - Ready for picking

SCN – Order is being processed / picked.

RDY - Packed and waiting for shipmentlabel

LBL – Packed, Labeled and waiting for shipment

SHP - Shipped

PSH – Partly Shipped

CNL – Cancelled

SOAP Action : CreateProducts

CreateProducts is used to create products at the web shop in the eWMS system.
With this request it is possible to create several articles in 1 request.

Globale Layout CreateProducts

```
<CreateProducts>
  <Product>
    * PRODUCT ITEM *
  </Product>
</CreateProducts>
```

Return: Ok or Error, in which reason displays the error description.

```
<SoapRequestResult>
  <Status>OK</Status>
  <Reason>Reason</Reason>
  <ResponseDate>yyyymmdd</ResponseDate>
  <ResponseTime>hhmmss</ResponseTime>
</SoapRequestResult>
```

SOAP Action : RequestInventory

RequestInventory is used to request the Inventory. This can be the complete stock, or the stock of 1 Product.

For 1 Product

(Product=**EAN** or **ExternalReference**) is stated.

For Complete stock

(Inventory=**True**) is stated.

Globale Layout RequestInventory

```
<RequestInventory>
  <Product>EAN</Product>
  <Inventory>True</Inventory>
</RequestInventory>
```

```
- 0 1 -
- 0 1 -
```

The response is a record for each Product containing the quantities in stock.

```
<SoapRequestResult>
  <Inventory>
    <EAN>EAN</EAN>
    <ExtRef>EAN</ExtRef >
    <Pieces>0</Pieces>
    <Claimable>0</Claimable>
    <Claimed>0</Claimed>
    <Problem>0</Problem>
    <Overdue>0</Overdue>
    <Blocked>0</Blocked>
    <Incoming>0</Incoming> *
    <Outgoing>0</Outgoing> *
  <DLB>
    <Pieces>0</Pieces>
    <Problem>0</Problem>
    <Overdue>0</Overdue>
    <Blocked>0</Blocked>
    <Duedate></DueDate>
    <LotNumber></LotNumber>
    <BatchNumber></ BatchNumber>
    <LastPickableDate></LastPickableDate>
  </DLB>
</Inventory>
<ResponseDate>yyyymmdd</ResponseDate>
<ResponseTime>hhmmss</ResponseTime>
</SoapRequestResult>
```

```
- 1..n -
```

```
- 0..n -
```

The DLB tag is only provided if the product has a Duedate / Lotnumber or Batchnumber registered.

* Fields 'Incoming' and 'outgoing' are not provided by default. These need to be activated by Distrimedia. These virtual inventory types show the quantities of incoming stock already booked in , but the preadvice is not closed out yet. Or the quantities of outgoing stock already booked out of the stock but the sales order is not yet shipped.

SOAP Action : CreatePreAdvice

CreatePreAdvice is used to create preliminary info for a specific Web Shop

Per CreatePreAdvice only 1 PreAdvice can be created and cannot be used as a batch to create several PreAdvices in 1 Soap Request.

Globale Layout CreateOrder

```
<PreAdvice>
  * PREADVICE ITEM *                                - M 1 -
  <PreAdviceLine>
    * PREADVICELINE ITEM *                          - M 1..n -
  </PreAdviceLine>
</PreAdvice>
```

Return: Ok or Error, in which reason displays the error description. A PreAdviceID is also returned (nnnnnnnn), which is used for further communication to identify a PreAdvice (e.g. in case of ChangePreAdviceStatus)

```
<SoapRequestResult>
  <Status>OK</Status>
  <PreAdviceID>UniqueID (Num10) </PreAdviceID>
  <Reason>Reason</Reason>
  <ResponseDate>yyyymmdd</ResponseDate>
  <ResponseTime>hhmmss</ResponseTime>
</SoapRequestResult>
```

SOAP Action : **ChangePreAdviceStatus**

ChangePreAdviceStatus is used to change the status of a PreAdvice.

Return line or Delivery.

Canceling an Order (Status=Cancel)

Globale Layout ChangeOrderStatus

```
<ChangePreAdviceStatus>
  <PreAdviceID>7648932</PreAdviceID>
  <Modus>R</Modus>
  <Status>Cancel</Status>
</ChangePreAdviceStatus>
```

Mode:

R = Return

D = Delivery

Return: Ok or Error, in which reason displays the error description.

```
<SoapRequestResult>
  <Status>OK</Status>
  <Reason>Reason</Reason>
  <ResponseDate>yyyymmdd</ResponseDate>
  <ResponseTime>hhmmss</ResponseTime>
</SoapRequestResult>
```


SOAP Action : RequestPreAdviceStatus

RequestPreAdviceStatus is used to request the status of one PreAdvice or all pending preadvice at once. It can be used for both deliveries (Modus D) as returns (Modus R)

You can check an PreAdvice...

- per Preadvice
- For all pending preadvices
- per product

You can work with the PreAdviceID (returned in response when PreAdvice was created) or with the Reference (PreAdviceReference, as used when the PreAdvice was created). Or you can work with the Product ID (As value you may use both Product EAN or Product ExternalRef)

Request:

- **Globale Layout RequestPreAdviceStatus for one PreAdvice using PreAdviceID**
Modus can be D (deliveries) or R (retours)

```
<RequestPreAdviceStatus>
  <PreAdviceID>9999</PreAdviceID>
  <Modus>D</Modus>
</RequestPreAdviceStatus>
```
- **Globale Layout RequestPreAdviceStatus for one PreAdvice using PreAdvice Reference**
Modus can be D (deliveries) or R (retours)

```
<RequestPreAdviceStatus>
  <PreAdviceReference>ORD-123456</ PreAdviceReference >
  <Modus>R</Modus>
</RequestPreAdviceStatus>
```
- **Globale Layout RequestPreAdviceStatus for all pending PreAdvices**
Modus can be D (deliveries) or R (retours)

```
<RequestPreAdviceStatus>
  <AllPreAdvicesPending>True</AllPreAdvicesPending>
  <Modus>D</Modus>
</RequestPreAdviceStatus>
```
- **Globale Layout RequestPreAdviceStatus for all pending PreAdvices of one product**
Modus can be D (deliveries) or R (retours)

```
<RequestPreAdviceStatus>
  <ProductID>tescoma643188</ProductID>
  <AllPreAdvicesPending>True</AllPreAdvicesPending>
  <Modus>D</Modus>
</RequestPreAdviceStatus>
```
- **Globale Layout RequestPreAdviceStatus for all PreAdvices of one product, no matter what status. Modus can be D (deliveries) or R (retours)**

```
<RequestPreAdviceStatus>
  <ProductID>tescoma643188</ProductID>
  <Modus>D</Modus>
</RequestPreAdviceStatus>
```

Return: The status of one or mi preadvices:

In case request based on PreAdviceID or PreAdviceReference, all lines of this PreAdvice will be in the response. In case request based on a product, only the preadvicelines of that product will be in the response.

```

<SoapRequestResult>
  <PreAdvice>                                     - M 1..n -
    <ExtRef>PO12345</ExtRef>
    <Status>WAI</Status>
    <Date>yyyymmdd</Date>
    <ExpectedDate>yyyymmdd</ExpectedDate>
    <ReceivedDate>yyyymmdd</ReceivedDate >
    <PreAdviceLine>                               - M 1..n -
      <EAN>999999999999</EAN>
      <ExternalRef>db-foo-bar</ExternalRef>
      <Description1>Test Product</Description1>
      <Description2></Description2>
      <Description3></Description3>
      <Status>WAI</Status>
      <DateReceived></DateReceived>
      <TimeReceived></TimeReceived>
      <Expected>10</Expected>
      <Received>0</Received>
      <Damaged>0</Damaged>
    </PreAdviceLine>
  </PreAdvice>
</SoapRequestResult>

```

*** LABELTEXT ITEM ***

Label text to print extra text on the shipment label

```
<LabelText>
    * LABELTEXT ITEM *
</LabelText>
- 0 0 . n -
```

Definition

```
<Description>Description</Description>
```

Field definition

Field name	Type	Description
Description	Char 80	

*** VALUE ADDED HANDLING ITEM ***

Value Added Handling gives additional handling requirements per order or per order line.

```
<OrderValueAddedHandling>
    * VALUE ADDED HANDLING ITEM *
</OrderValueAddedHandling>
- 0 0 . n -
```

Definition

```
<Code>Code</Code>
<Description>Description</Description>
<Instruction></Instruction>
<DisplayPicking>T</DisplayPicking>
<DisplayPacking>F</DisplayPacking>
```

If not known in eWMS, the new VAH-task will be added in the wms of Distrimedia.

Field definition

Field name	Type	Description
Code	Char 20	Unique code for VAH
Description	Char 60	Description of VAH. This Description will be shown to pick-employee when picking order
Instruction	Char 400	Instruction related to Order or Orderline. This instruction is saved per Order/Line and used for extra information related to the description.
DisplayPicking	Char 1	Value T (True) or F (False) . Default T. When filled with 'T' The value added task will be displayed to the orderpicker
DisplayPacking	Char 1	Value T (True) or F (False) . Default T. When filled with 'T' The value added task will be displayed to the packer

*** ORDER ITEM ***

Definition of the Order fields

<Order>

*** ORDER ITEM ***

- M 1 -

</Order>

Definition

```

<OrderNumber>Nr</OrderNumber>
<Reference>Ref</Reference>
<SiteIndication>Ref</SiteIndication>
<Language>NL</Language>
<Carrier></Carrier>
<ShipmentMethod></ShipmentMethod>
<Currency></Currency>
<TransportRef>NL</Language>
<TransportNota1></TransportNota1>
<TransportNota2></TransportNota2>
<DayOfDelivery></DayOfDelivery>
<LatestDeliveryDate></LatestDeliveryDate>
<DaysRetention>999</DaysRetention>
<DaysCancelation>999</DaysCancelation>
<OrderMode>N</OrderMode>
<NoDelivery_Monday>T</NoDelivery_Monday>
<NoDelivery_Tuesday>T</NoDelivery_Tuesday >
<NoDelivery_Wednesday>F</NoDelivery_Wednesday >
<NoDelivery_Thursday><F/NoDelivery_Thursday >
<NoDelivery_Friday>F</NoDelivery_Friday >
<NoDelivery_Saturday>F</NoDelivery_Saturday >
<NoDelivery_Sunday>T</NoDelivery_Sunday >
<GoodsTotalValue>99999,99</GoodsTotalValue>
<Representative></Representative>
<InvoiceFreightCharges>99999,99</InvoiceFreightCharges>
<InvoiceDiscounts>-99999,99</InvoiceDiscounts>
<InvoiceOtherCharges>99999,99</InvoiceOtherCharges>
<Incoterms>DAP</Incoterms>
<CODAmount></CODAmount>
<BulkPicking></BulkPicking>
<Priority></Priority>
    
```

Field definition

Field name	Type		Description
OrderNumber	Char 15	M	Web shop order number
Reference	Char 15	O	Extra order reference
SiteIndication	Char3	O	Indication of site where order was placed
Language	Char 2	O	Language of Customer
Carrier*	Char 10	O	Carrier preference
ShipMethod*	Char 10	O	Shipment method
Currency	Char 3	O	Order paid in currency
TransportRef	Char 12	O	Carrier Reference, if supported.
TranportNota1	Char 50	O	Carrier Note1, if supported.
TranportNota2	Char 50	O	Carrier Note2, if supported.
DayOfDelivery	yyyymmdd	O	Day of delivery
LatestDeliveryDate	yyyymmdd	O	Latest day of delivery (contact Distrimedia before use)
DaysRetention	999	O	Number of days to wait before a partial delivery is sent
DaysCancelation	999	O	Number of days before an order is automatically cancelled.
OrderMode	Char 1	O	Default (N)ormal. (S)tockout order
NoDelivery_DayX	Char(1) x 7	O	Default False. When filled with 'T' or 'True' then DayX will be filled, and no order will be delivered on that weekday. DayX = Monday / Tuesday / Wednesday / Thursday / Friday / Saturday or Sunday

GoodsTotalValue	99999,99	O	Mandatory in case of export orders Total Value of all goods of the order.
Representative	Char 50	O	Name of commercial representative of the order
InvoiceFreightCharges	99999,99	O	Mandatory in case of export orders (only if applicable) Total of FreightCharges charged to the customer
InvoiceDiscounts	-99999,99	O	Mandatory in case of export orders(only if applicable) Total of any discounts.
InvoiceOtherCharges	99999,99	O	Mandatory in case of export orders(only if applicable) Total of any other costs charged to the customer.
Incoterms	Char 3	O	Mandatory in case of export orders.Incoterms to be applied by customs. DAP = Customs costs and import costs paid by received. DDP = Customs costs and import costs paid by sender.
CODAmount	99999,99	O	Only in case of COD-deliveries. (special rules concerning payments etc, contact Distrimedia before use)
BulkPicking	Char 1	O	Use stock from bulklocations prior on regular ones. T (True) or F (False)
Priority	Char 1	O	Handle orderpicking and shipping prior on other orders. T (True) or F (False)

***Remark Carrier / Shipmethod**

The webshop has the choice to add or not add these fields in order to choose the carrier and shipmethod that is to be used. Please note it's optional, Distrimedia also has the possibility to create rules that will determine the carrier / Shipmethod based on the country of destination, weight and volume of the shipment. Distrimedia can also define a default carrier / shipmeth that will be applied on all shipments . Priority goes from 1.CreateOrder-request from webshop to 2. Carrierrules Distrimedia to 3. Default carrier/shipmethod. List of values below:

Carrier/Shipmeth	Description	Remark
BB	Untracked postal shipment	
BBUS	Tracked parcel mailbox Bpost	The parcel must fit in mailbox
BBUSSAT	Tracked parcel mailbox Bpost SAT	The parcel must fit in mailbox,delivery on Saturday
BP	tracked Parcel basic Bpost	BE only
BPINT	Tracked parcel basic Bpost outside BE	Outside BE
BP247	tracked Parcel Bpost pick-up-lockers	(special rules concerning servicepoint address, ask Distrimedia) BE only
BPPUGO	tracked Parcel Bpost pick-up-points	(special rules concerning servicepoint address, ask Distrimedia) BE only
BPSAT	tracked Parcel basic Bpost SAT	BE only, delivery on Saturday
BTR	Back to returnsdepartment	See Unexpected Return
DACHDM	Dachser	
DPD	Tracked parcel DPD	
DHL	DHL parcel benelux	Only BE,NL,LU
DHLINS	DHL Express + Insurance	OrderValue mandatory
EX	Tracked parcel Postnl Extra@Home big sized shipments	BENELUX only, 1 or 2 persons delivery
GL	tracked Parcel GLS	(optional Flex Delivery, ask Distrimedia Logistics)
GLPAL	freight GLS (pallets)	
MR	tracked parcel Mondial Relay big sized shipments	Delivered after appointment by 1 (LD1)or 2(LDS) persons ,BE-FR only
MRHOME	tracked parcel Mondial Relay	
PNL	Tracked Parcel basic PostNL	
PNLHT	Tracked Parcel + signature PostNL	
TNT	TNT	
WA	Pickup Distrimedia Logistics	

*** CUSTOMER ITEM ***

Definition of Customer

<Customer>

*** CUSTOMER ITEM *****- M 1 -**

</Customer>

Definition

```

<ExternalID></ExternalID>
<Name></Name>
<Name2></Name2>
<Address1></Address1>
<HouseNumber></HouseNumber>
<HouseNumberAdditional></HouseNumberAdditional>
<Address2></Address2>
<PostalCode1></PostalCode1>
<PostalCode2></PostalCode2>
<City></City>
<Country></Country>
<Mobile></Mobile>
<Telephone></Telephone>
<eMail></eMail>
<ServicePoint></ServicePoint>
<EoriNumber></EoriNumber>
<VATNumber></VATNumber>
<INV_Name></INV_Name>
<INV_Name2></INV_Name2>
<INV_Address1></INV_Address1>
<INV_HouseNumber></INV_HouseNumber>
<INV_HouseNumberAdditional></INV_HouseNumberAdditional>
<INV_Address2></INV_Address2>
<INV_PostalCode1></INV_PostalCode1>
<INV_City></INV_City>
<INV_Country></INV_Country>
<INV_Mobile></INV_Mobile>
<INV_Telephone></INV_Telephone>
<INV_eMail></INV_eMail>

```

Field definition

Field name	Type	*	Description
ExternalID	Char 20	O	Default empty, only fill out in agreement with Distrimedia
Name	Char 60	M	In case of B2B company name, else private name
Name2	Char 60	O	In case of B2B contact name, not used for private address
Address1*	Char 40	M	Street
HouseNumber*	VarChar 10	R	House Number
HouseNumberAdditional*	VarChar 10	R	House Number Additional (only if applicable)
Address2	Char 40	O	Additional address info: floor, name building,... please note not all carriers support this extra info
PostalCode1	Char 11	M	
PostalCode2	Char 11	O	
City	Char 40	M	
Country	Char 2	M	
Mobile	Char 19	O	
Telephone	Char 19	O	
eMail	Char 150	O	
ServicePoint	Char 50	O	For BPost-Delivery
EoriNumber	VarChar 40	O	Mandatory in case of B2B export orders. EoriNumber Receiver.
VATNumber	VarChar 40	O	Mandatory in case of B2B export orders.VATNumber Receiver.
INV_Name	Char 60	O	Mandatory in case of export orders/Postnl Pickup points = company name invoice address (if no company name available, also contact name invoice address)
INV_Name2	Char 60	O	Mandatory in case of Postnl Pickup points = contact name invoice address
INV_Address1*	Char 40	O	Mandatory in case of export orders/Postnl Pickup points
INV_HouseNumber*	VarChar 10	O	Recommended in case of export orders/Postnl Pickup points
INV_HouseNumberAdditional*	VarChar 10	O	Recommended in case of export orders/Postnl Pickup points
INV_Address2	Char 40	O	
INV_PostalCode1	Char 11	O	Mandatory in case of export orders/Postnl Pickup points
INV_City	Char 40	O	Mandatory in case of export orders/Postnl Pickup points
INV_Country	Char 2	O	Mandatory in case of export orders/Postnl Pickup points
INV_Mobile	Char 19	O	
INV_Telephone	Char 19	O	
INV_eMail	Char 150	O	Mandatory in case of export orders/Postnl Pickup points

O = Optional, M = Mandatory, R = Recommended

****If your systems allows to provide street, housenumber and HouseNumber Additional into separate fields it's recommended to do so as most carriers require this info separately. If not fill out street+housenumber+housenumberAdditional into field Address1.***

*** ORDERLINE ITEM ***

Definition of Order line

```
<Order>
  <OrderLine>
    * ORDERLINE ITEM *
  </OrderLine>
</Order>
```

Definition

```
<ProductID></ProductID>
<Pieces></Pieces>
<Carrier></Carrier>
<Supplier></Supplier>
<SingleUnitPrice></SingleUnitPrice>
<Reference></Reference>
```

Field definition

Field name	Type		Description
ProductID	Char 20	C	EAN or External Ref code
Pieces	99999	M	Quantity
Carrier	Char(10)	O	If another carrier must be used for this item than for the rest of the order.
Supplier	Char(10)	O	Indicates the supplier of the product. If not filled in, the standard Supplier for the web shop will be used.
SingleUnitPrice	999999,99		Mandatory in case of export orders. Sales price of the product. Please note this is the sales price for 1 piece.
Reference	Varchar (25)	O	Orderline Reference, displayed on the packingslip for this specific order.

*** PRODUCT ITEM ***

Definition of a Product which is used in the **CreateOrder** Soap action, or is used in the **CreateProducts** Soap action.

```
<Order>
  <OrderLine>
    <Product>
      * PRODUCT ITEM *
    </Product>
  </OrderLine>
</Order>
```

Definition

```
<EAN> </EAN>
<ExternalRef> </ExternalRef>
<Description1> </Description1>
<Description2> </Description2>
<Description3> </Description3>
<NbrDaysNoDeliveryForDueDate> </NbrDaysNoDeliveryForDueDate>
<UseLotNumber> </UseLotNumber>
<UseBatchNumber> </UseBatchNumber>
<UseDueDate> </UseDueDate>
<Weight> </Weight>
<Quantity_Full_Package> </Quantity_Full_Package>
<Quantity_Full_Box> </Quantity_Full_Box>
<Quantity_Full_Pallet> </Quantity_Full_Pallet>
<Translation>
  <Language> </Language>
  <Description1> </Description1>
  <Description2> </Description2>
  <Description3> </Description3>
</Translation>
<UseExactSize> </UseExactSize>
<Height> </Height>
<Width> </Width>
<Length> </Length>
<MinLevelForNotification> </MinLevelForNotification>
<Hscode> </Hscode>
<CountryOfOrigin> </CountryOfOrigin>
<Composition> </Composition>
<StorageMode> </StorageMode>
```

Field definition

Field name	Type		Description
EAN	Char 20	M	
ExternalRef	Char 30	O	
Description1	Char 60	M	Default Description1 of the product
Description2	Char 40	O	Default Description2 of the product
Description3	Char 40	O	Default Description3 of the product

NbrDaysNoDeliveryForDueDate	999	C	Number of days before the DueDate on which the article can no longer be shipped.
UseLotNumber	Char 1	O	(T)rue or (F)alse Indicates whether a LotNo must be used for this product for the stock.
UseBatchNumber	Char 1	O	(T)rue or (F)alse Indicates whether a BatchNo must be used for this product for the stock.
UseDueDate	Char 1	O	(T)rue or (F)alse Indicates whether a DueDate must be used for this product for the stock.
Weight	999999	O	Weight of product in grams.
Quantity_Full_Package	999999	O	Quantity of single units per sealed package
Quantity_Full_Box	999999	O	Quantity of single units in one box
Quantity_Full_Pallet	999999	O	Quantity of single units in one pallet
Translations	-	-	-
Language	Char 2	O	Language to be able to add description per item per languages (e.g. NL,EN,FR) If these fields are used, these will be used on the packslips, same as the language of the order . If not uses defaultfields will be used.
Language.Description1	Char 60	O	Description of the product in chosen language
Language.Description2	Char 40	O	Description2 of the product in chosen language
Language.Description3	Char 40	O	Description3 of the product in chosen language
UseExactSize	999999	O	Marks a product as UseExactSize-product (value =1). For purpose to always book as separate colli on shipment and to use the provided volume and weight as known for this product (fields weight,height,width and length.) Only use if aligned with Distrimedia
Height	999999	O	Height of the product in cm
Width	999999	O	Width of the product in cm
Length	999999	O	Length of the product in cm
MinLevelForNotification	999999	O	Lower mark on stock level (claimable stock) to receive an automatic notification e-mail to alert you when the stock for this product has reached the lower mark quantity
Hscode	VarChar 19	O	Mandatory in case of export orders Official number to classify the products for customs
CountryOfOrigin	Char 2	O	Mandatory in case of export orders ISO2-country code, country of manufacture
Composition	VarChar128	O	Mandatory in case of export orders for Textile products etc . e.g: 41% Polyester / 18% Polyacryl / 11% Alpaca / 9% Wool / 7% Viscose / 1% Cashmere
StorageMode	Char 5	O	Preferred type of Storage in warehouse Use codes as know in Distrimedia Warehouse

*** ADDITIONALDOCUMENT ITEM ***

Printable labels in PDF format. 1st label is always the packing slip.
 Several labels for illustration, etc.

```
<AdditionalDocument>                                     - 0 1..n -
    * ADDITIONALDOCUMENT ITEM *
</AdditionalDocument>
```

Definition

```
<FileTag>FileTag</FileTag>
<BinData>BinData</BinData>
```

Field definition

Field name	Type		Description
FileTag	Char 20	O	File tag to indentify kind of document
BinData	BinData	M	Encode met Base64.

*** PREADVICE ITEM ***

Definition of the PreAdvice fields

```

<PreAdvice>
  * PREADVICE ITEM *                               - M 1 -
  <PreAdviceLine>                                  - M 1..n -
    * PREADVICELINE ITEM *
    * PRODUCT ITEM *                               - C 1 -
  <PreAdviceLine>
</PreAdvice>
    
```

Definition

```

<Reference>Ref</Reference>
<DateExpected>yyyymmdd</DateExpected>
<Supplier></Supplier>
<Modus></Modus>
---
<OrderID>7648932</OrderID>                        or
<OrderNumber>7648932</OrderNumber>                or
<OrderReference>7648932</OrderReference>
----
    
```

You can supply an order with the eWMS id (OrderID) or with the Ordernumber (OrderNumber), or with the Reference (OrderReference)

PLEASE NOTE: eWMS can not check for order number of reference to be unique, because these numbers are generated by the Webshop.

Field definition

```

<TrackId></TrackId>
    
```

Field name	Type		Description
Reference	Char 50	O	Extra order reference
DateExpected	yyyymmdd	O	Day of delivery (probable)
Supplier	Char 10	O	Supplier of the Products
Modus	Char 1	O	D (Default) Delivery (R) Return order
OrderID	Char 30	C	Only when Modus = R
OrderNumber	Char 30	C	Only when Modus = R
OrderReference	Char 30	C	Only when Modus = R
TrackId	Varchar 25	O	Only applies if PreadviceModus = R. Carrier's Trackid of the returned shipment

*** PREADVICELINE ITEM ***

Definition of the PreAdvice line

```
<PreAdvice>
  <PreAdviceLine>
    * PREADVICELINE ITEM *
    * PRODUCT ITEM *
  <PreAdviceLine>
</PreAdvice>
```

- M 1..n -
- C 1 -

Definition

```
<ProductID>12345</ProductID>
<Pieces>99</Pieces>
<ReasonCode>DAMAGED</ReasonCode >
<LotNumber>Info</LotNumber>
<BatchNumber>Info</BatchNumber>
<DueDate>yyyyddmm</DueDate>
<Instruction>Info</Instruction>
<ExpectedStatus>Info</ExpectedStatus>
```

Field definition

Field name	Type		Description
ProductID	Char 20	M	EAN or External Ref code
Pieces	99999	M	Quantity
ReasonCode*	Char 10	O	Reason Code, Mandatory in case PreAdvice Modus R(return)
LotNumber	Char 20	O	Expected Lot no
BatchNumber	Char 20	O	Expected Batch no
DueDate	yyyymmdd	O	Expected Due Date
Instruction	Char 100	O	Instruction for Distrimedia on inbound of this product when PreadviceModus = D. Instruction on return processing when PreadviceModus =R.
ExpectedStatus	Char 1	O	Value T or F (True/False). Only applies if PreadviceModus = R. This indicates if the preadviceline is expected (T) or Unexpected (product was part of previous outgoing order but not announced to be sent return)

* Possible ReasonCodes:

Code	Descriprion
DAMAGED	Damaged
INVADDR	Invalid address
NOTHOME	Not at home
NO PICKUP	Not picked up

Code	Descriprion
RECMUCH	Received to much
REGULAR	Regular
WRONGPROD	Wrong product
OTHER	Other reasons

Push SOAP Action : **OrderStatusChanged**

In case of a significant change for the API, a status change message is automatically sent.

Please note the segments <OrderLine> and <ShippedItems> , marked in grey in the example below, will only be used, if this option is activated by Distrimedia. Please request Distrimedia to activate, if desired.

These two segments contain the same data, but in an other way. You can choose which suits you best.

- The orderliness are part of the TrackIDs-segments, allowing you to know which products were shipped on which shipment. If a Product uses Lot number, batch numbers or duedates, these shall also be stated in this orderline-info.
- The shippedItems contain the same shipped products of this order, but in one separate segment at the end of the response. Lot, batch or duedates are not included in this segment. Please note the ShippedItems segment is cumulative. If an order is shipped in several shipments, it will always contain all shipped products at that time. Meaning on a second shipment, the ShippedItems will of the first shipments will also be included again, the difference can be seen in the field with the shipping date.

The example on the next two pages , shows an example of an order that was shipped in two times, two different shipping dates. This would be the OrderStatuschange posted at the second delivery.

```
<OrderStatusChange>
  <OrderID>0000069340</OrderID>
  <OrderNumber>45312</OrderNumber>
  <OrderReference></OrderReference>
  <OrderStatus>SHP</OrderStatus>
  <Carrier>PNL</Carrier>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8930858/BB/3500</TrackAndTraceURL>
```

```
<TrackIDs> - 0 1 . . n -
```

```
  <NumberColli>1</NumberColli>
  <Carrier>PNL</Carrier>
  <ExecutingCarrier>PNL</ExecutingCarrier>
  <Weight>1,00</Weight>
  <AWB>3SVLSX8930858</AWB>
  <TrackID>3SVLSX8930858</TrackID>
  <BoxType></BoxType>
  <Reference>8-45312</Reference>
  <ShippedDate>20180606</ShippedDate>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8930858/BB/3500</TrackAndTraceURL>
```

```
    <Orderline> - 0 1 . . n -
```

```
      <EAN>5410976579014</EAN>
      <Pieces>2</Pieces>
      <ExternalRef>257/510</ExternalRef>
      <Description1>La Trufflina</Description1>
      <LotNumber>L7313</LotNumber>
      <BatchNumber>2000051109</BatchNumber>
      <DueDate>20181026</DueDate>
```

```
    </Orderline>
```

```
  <Package> - 0 1 . . n -
```

```
    <AWB>3SVLSX8930858</AWB>
    <TrackID>3SVLSX8930858</TrackID>
    <BoxType></BoxType>
    <Reference>8-45312</Reference>
    <Weight>1,00</Weight>
    <BoxType>350</BoxType>
    <BoxNumber>100123456</BoxNumber>
    <Volume>0,005</Volume>
    <Height>15</Height>
    <Width>15</Width>
    <Length>20</Length>
    <Description>Chocolade</Description>
    <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8930858/BB/3500</TrackAndTraceURL>
```

```
  </Package>
```

```
</TrackIDs>
```

```
<TrackIDs>
```

```
  <NumberColli>1</NumberColli>
  <Carrier>PNL</Carrier>
  <ExecutingCarrier>PNL</ExecutingCarrier>
  <Weight>0,60</Weight>
  <AWB>3SVLSX8977103</AWB>
  <TrackID>3SVLSX8977103</TrackID>
  <BoxType></BoxType>
  <Reference>8-45312-002</Reference>
  <ShippedDate>20180612</ShippedDate>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8977103/BB/3500</TrackAndTraceURL>
```

```

<Orderline>
  <EAN>5410976270911</EAN>
  <Pieces>3</Pieces>
  <ExternalRef>270/910</ExternalRef>
  <Description1>Opus 180g</Description1>
  <LotNumber>L7108</LotNumber>
  <BatchNumber>11474852</BatchNumber>
  <DueDate>20181003</DueDate>
</Orderline>
<Package>
  <AWB>3SVLSX8977103</AWB>
  <TrackID>3SVLSX8977103</TrackID>
  <BoxType></BoxType>
  <Reference>8-45312-002</Reference>
  <Weight>0,60</Weight>
  <BoxType>350</BoxType>
  <BoxNumber>100123456</BoxNumber>
  <Volume>0,005</Volume>
  <Height>15</Height>
  <Width>15</Width>
  <Length>20</Length>
  <Description>Chocolade</Description>
  <TrackAndTraceURL>https://www.internationalparceltracking.com/Main.aspx#/track/3SVLSX8977103/BB/3500</TrackAndTraceURL>
</Package>
</TrackIDs>

<ShippedItems>
  <DateShipped>20180606</DateShipped>
  <Product>
    <EAN>5410976579014</EAN>
    <ExternalRef>257/510</ExternalRef>
    <ExtRef>257/510</ExtRef>
    <Description1>La Trufflina</Description1>
    <Description2></Description2>
    <Description3></Description3>
    <Pieces>2</Pieces>
  </Product>
</ShippedItems>
<ShippedItems>
  <DateShipped>20180612</DateShipped>
  <Product>
    <EAN>5410976270911</EAN>
    <ExternalRef>270/910</ExternalRef>
    <ExtRef>270/910</ExtRef>
    <Description1>Opus 180g</Description1>
    <Description2></Description2>
    <Description3></Description3>
    <Pieces>3</Pieces>
  </Product>
</ShippedItems>

<LastChangeDate>20200723</LastChangeDate>
<LastChangeTime>110148</LastChangeTime>
</OrderStatusChange>

```


Order status:

RCV - Received in system

PCK - Ready for picking

SCN – Order is being processed / picked.

RDY - Packed and waiting for shipment label

LBL – Packed, Labelled and waiting for shipment

SHP - Shipped

PSH – Partly Shipped

CNL – Cancelled

```
<SoapRequestResult>  
  <Status>OK</Status>  
</SoapRequestResult>
```

Push SOAP Action : InventoryChange

In case of a significant change for the API, a inventory change message is automatically sent. to the URL provided by the webshop .

Besides this we always advice to do a **InventoryRequest** for complete stock for example once every night.

```

<InventoryChange>
  <Inventory> - 1..n -
    <Product>EAN</Product>
    <EAN>EAN</EAN>
    <ExternalRef>EAN</ExternalRef>
    <ExtRef>EAN</ExtRef >
    <Pieces>0</Pieces>
    <Claimable>0</Claimable>
    <Claimed>0</Claimed>
    <Problem>0</Problem>
    <Overdue>0</Overdue>
    <Blocked>0</Blocked>
    <Incoming>0</Incoming> *
    <Outgoing>0</Outgoing> *

    <DLB> - 0..n -
      <Pieces>0</Pieces>
      <Problem>0</Problem>
      <Overdue>0</Overdue>
      <Blocked>0</Blocked>
      <Duedate></DueDate>
      <LotNumber></LotNumber>
      <BatchNumber></ BatchNumber>
      <LastPickableDate></LastPickableDate>
    </DLB>
  </Inventory>
  <ResponseDate>20181017</ResponseDate>
  <ResponseTime>223313</ResponseTime>
</InventoryChange>

```

The DLB tag is only provided if the product has a Duedate / Lotnumber or Batchnumer registered.

* Fields 'Incoming' and 'outgoing' are not provided by default. These need to be activated by Distrimedia. These virtual inventory types show the quantities of incoming stock already booked in , but the preadvice is not closed out yet. Or the quantities of outgoing stock already booked out of the stock but the sales order is not yet shipped.

Push SOAP Action : PreAdviceStatusChange

If a PreAdvice (Normal or Return) is Handled, a Push message will be sent.

```

<ChangePreAdviceStatus>
  <PreAdviceID>UniqueID</PreAdviceID>
  <PreAdviceStatus>RCV</PreAdviceStatus>
  <Modus>R</Modus>
  <Reference>12345ABC</Reference>
  <OrderID>7648932</OrderID>
  <OrderNumber>7648932</OrderNumber>
  <OrderReference>7648932</OrderReference>
  <PreAdviceLinesStatus>
    <PreAdviceLineStatus>
      <EAN> </EAN>
      <ExternalRef> </ExternalRef>
      <Description1> </Description1>
      <Description2> </Description2>
      <Description3> </Description3>
      <Status> </Status>
      <ReasonCode> </ReasonCode >
      <DateReceived>yyyymmdd</Date>
      <TimeReceived>hhmmss</Time>
      <Expected>1</Expected>
      <Received>0</Received>
      <Damaged>0</Damaged>
      <LotNumber>Info</LotNumber>
      <BatchNumber>Info</BatchNumber>
      <DueDate>Date</DueDate>
    </PreAdviceLineStatus>
  </PreAdviceLinesStatus>
</ChangePreAdviceStatus>

```

Only Modus R (retunrs)

Only Modus R (retunrs)

Only Modus R (retunrs)

- M 1 . n -

only if applies to product

only if applies to product

only if applies to product

PreAdvice Status

WAI - Waiting

RCV - Completely received

PCV – Partially Received

PreAdviceLine Status

WAI - Waiting

RCV - Completely received

PCV – Partially Received

OCV – Over received

Push SOAP Action : RequestReturn

If a webshop want's to have controle on incoming returns , Distrimedia can activate ReturnRequests.

On incoming returns there can be agreements between the webshop and Distrimedia that some returns that come in may be processed as return and taken in stock anyhow = Authorized return(1).

All other incoming returns will be known as Unexceped returns (2).

1/ Authorized return

Distrimedia pushes ReturnRequest to the webshop:

```
<RequestReturn>
  <ReturnType>AUTHORIZED</ReturnType>
  <ReturnOrder>
    <OrderID>7648932</OrderID>
    <OrderNumber>7648932</OrderNumber>
    <OrderReference>12345ABC</OrderReference>
    <IBAN>XX12345679012345</IBAN>
    <Comment>optional comment</Comment>
  </ReturnOrder>
  <RequestDate>yyyymmdd</RequestDate>
  <RequestTime>hhmmss</RequestTime>
</RequestReturn >
```

This should trigger the webshop to push a new message to Distrimedia: a CreatePreAdvice ,modus R , for the order that came in return. See [CreatePreAdvice](#)

2/ Unexpected return

Distrimedia pushes ReturnRequest to the webshop:

```
<RequestReturn>
  <ReturnType>UNEXPECTED</ReturnType>
  <ReturnOrder>
    <OrderID>7648932</OrderID>
    <OrderNumber>7648932</OrderNumber>
    <OrderReference>12345ABC </OrderReference>
    <Comment>optinal comment</Comment>
    <IBAN>XX12345679012345</IBAN>
  </ReturnOrder>
  <TempStorage>
    <CreateProducts>
      <Product>
        <EAN>9999999999999</EAN>
        <Description1>Returned Box ordernr/orderref</Description1>
        <Description2></Description2>
        <Description3></Description3>
        <NbrDaysNoDeliveryForDueDate></NbrDaysNoDeliveryForDueDate>
        <UseLotNumber>F</UseLotNumber>
        <UseBatchNumber>F</UseBatchNumber>
```

```
<UseDueDate>F</UseDueDate>
  Weight</Weight>
</Product>
</CreateProducts>
<PiecesStorage>
  <Pieces>1</Pieces>
</PiecesStorage>
<TempStorage>
<RequestDate>yyyymmdd</RequestDate>
<RequestTime>hhmmss</RequestTime>
</RequestReturn >
```

A new product was created at Distrimedia. 1 pieces of this product was taken into stock at Distrimedia. This product represents the entire order that came in return, so several products possible.

This should trigger the webshop to push a new message to Distrimedia: a CreateOrder , for 1 piece of the product that was created for this return.

- If the return needs to be reshipped , this might be an other address , make sure to use the correct address in the new order. It's advised to use the same ordernumber/orderreference but with suffix -2 at the end. Please note the exact same ordernumber cannot be uses. This will result in a discard of this second order as the ordernumber always needs to be unique.
- If the returns needs to be processed in return and all items need to be taken into stock, Distrimedia also expects a new order, but add field <Carrier> with value BTR and use the following address: Distrimedia, Returns Department,schoenstraat 14, 9140 Temse, BE or Distrimedia>Returns Department, Meulebeeksesteenweg 20, 8700 Tiet, BE. In this case, besides the CreateOrder message, the webshop should also push a CreatePreAdvice ,modus R , for the order that came in return.

Communication

Standard communication with the eWMS server takes place on following addresses:

- Customers Distrimedia Temse:
<https://ewms.distrimedia.be> (port **443**)
- Customers Distrimedia Tielt:
<https://ewmstielt.distrimedia.be> (port **443**)
- For testing :
<https://devewms.distrimedia.be> (port **443**)
Use **WebshopCode 99** in each message for testing unless you received other instructions from Distrimedia.

The eWMS soap server will break the connection if communication is not exactly according to this specification.

The security is set to refuse IP addresses not know by the eWMS unless the messages come in with an allowed soappassword. If your communication does not work ask the eWMS administrator to whitelist your ip address and provide a soappassword, so you can connect to the eWMS system. Soappassword explained on page 4.

The push messages which will be returned will be sent to the address indicated by the API partner.

Errorcodes

List of errorcodes and description wich are provided in case of error in tag **<ErrorCode>**.
and tag **<Reason>**.

Errorcode list:

Error Code	Description
001	No Webshopcode supplied
002	No Such Webshop Code
003	No such SoapAction
010	No Ordernumber supplied
011	Ordernumber already exists
012	Reference already exists
013	No Orderlines supplied
014	No Customer supplied
015	Error Adding or No Customer found
016	No Carrier / Shipmethod Supplied in Order.
017	Unknown Product. No new Product in Soaprequest
018	No Such Order with ID
019	No Such Order with Number / Reference
020	Database Error. Customer not found from Order
021	No Customer found in SOAP
022	Order already Cancelled
023	Order already being processed
024	Error Changing Customer or No Customer Found
025	No Such Status
026	No Products Found in Soap
027	No Customer found
028	No such product
029	Unknown Product. No new Product in S
030	No LotNumber provided for EAN
031	No Batchnumber provided for EAN
032	No or Wrong Duedate provided for EAN
033	No Inventory Request
034	No Inventory Found
035	Order is not cancelled
036	EAN code not supplied
037	Reason code not valid
999	Internal Database Error: Check <Reason> tag for extended info