

XML Online Check V3

Version 1.8

Version	Description	Date	Author
1.0	First draft	07.03.2007	Ralph Modlinger
1.1	MFG Request added	05.10.2007	Ralph Modlinger
1.2	Java example added	26.10.2007	Ralph Modlinger
1.3	Remove of all Examples Scripts	15.09.2008	R. Wacker
1.4	Html-Page added (Live and Test)	15.09.2009	R. Wacker
1.5	Add return data information	11.03.2010	R. Wacker
1.6	Changed spelling of test-URL from `intocm` to `intcom` (typing error)	10.06.2010	Ralph Modlinger
1.7	Changed Product Details (`ManufacturerItemIdentifier` and `DistributorItemIdentifier`) in the description and test-file.	16.07.2010	R. Wacker
1.8	General document reformatting and typos fixes. Added notes for mandatory elements/attributes. Added mandatory element `ResellerItemIdentifier`. Added curl examples for Quality/Production. Removed deprecated URLs. New DTD URL.	02.10.2019	Jakub Hora



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1 Introduction

With the XML v3 Online Check, Tech Data introduces a simple way for its partners to integrate their business processes. This service accepts a XML message via HTTP POST request, retrieving XML data which can be used on any platform. Authenticated partners can retrieve online price and availability information now for multiple products and with extended price information.

2 Sending Request

2.1 Expected XML Input Structure

2.2 DTD link

The DTD of the XML message can be viewed at:

<https://intcom.xml.techdata-europe.com/ix/dtd/IntegratedOnlineCheck.dtd>

2.2.1 Description of the input XML tags

Header segment

Tag	Attribute	Description	Type
BuyerAccountId (Mandatory)	N/A	Customer Account ID with TechData	Numeric
AuthCode (Mandatory)	N/A	Authorization Code received from TechData	Alpha Numeric
Type (Mandatory)	N/A	Supported values are: <ul style="list-style-type: none"> • STOCK: online request for stock (availability) only • PRICE: online request for Price only • PRICE DETAILS: additional Price data, e.g. surcharge details • FULL: online request for all possibilities (see above) • QUICK: same as full, but without the details, therefore faster 	Alphabetic

Item segment

Tag	Attribute	Description	Type
Item (Mandatory)	Line (Mand.)	Indicate the line number on the online check	Numeric
ManufacturerItemIdentifier (Mandatory)	N/A	Manufacturer part number if the TD part number is unknown. Can be empty.	Alpha Numeric
ResellerItemIdentifier (Mandatory)	N/A	Can be empty	Alpha Numeric
DistributorItemIdentifier (Mandatory)	N/A	TechData part number	Alpha Numeric
Quantity (Mandatory)	N/A	Requested quality of the online request	Numeric



2.3 Internet Addresses (URLs)

2.3.1 Test/Quality URLs

`https://intcom.xml.quality.techdata.de/Onlchk`

`https://intcom.xml.quality.techdata.de:7776/Onlchk`

2.3.2 Test/Quality SOURCE (http)

```
<html>
  <head>
    <body>
      <FORM action="https://intcom.xml.quality.techdata.de/Onlchk"
        enctype="multipart/form-data" method=POST>
        <TEXTAREA id="TextAreaXML" name="xmlmsg" rows="20" cols="100">
        </TEXTAREA>
        <button type="submit">Send</button>
      </form>
    </body>
  </head>
</html>
```

2.3.3 Test/Quality curl example

```
$ curl -H "Content-Type=text/xml" -X POST -T request_quality.xml \
  "https://intcom.xml.quality.techdata.de/Onlchk" -o response_quality.xml
```

2.3.4 Production URLs

`https://intcom.xml.techdata-europe.com/Onlchk`

`https://intcom.xml.techdata-europe.com:7776/Onlchk`

2.3.5 Production SOURCE (http)

```
<html>
  <head>
    <body>
      <form action="https://intcom.xml.techdata-europe.com/Onlchk"
        enctype="multipart/form-data" method=POST>
        <TEXTAREA id="TextAreaXML" name="xmlmsg" rows="20" cols="100">
        </TEXTAREA>
        <button type="submit">Send</button>
      </form>
    </body>
  </head>
</html>
```

2.3.6 Production curl example

```
$ curl -H "Content-Type=text/xml" -X POST -T request_production.xml \
  "https://intcom.xml.techdata-europe.com/Onlchk" -o response_production.xml
```

2.3.7 Requesting Data

The client system needs to send the above XML message with a HTTP POST request to these URLs. In the same session, the TD online check is returned. The XML structure of the returned data can be viewed under the examples section.



2.4 Select priorities of product codes

If multiple product codes are supplied e.g. <ManufacturerItemIdentifier> and <DistributorItemIdentifier>, the Distributor `ItemIdentifier` has always priority and then the `ManufacturerItemIdentifier` is ignored.

3 XML Data Example

If your details for the request are:

Customer Number: **123456**
Authorization code: **ABF987**
Product Codes: **594733** (Distributor) with Quantity **5**
and **20001700** (Manufacturer) with Quantity **10**

For a full online check, the XML look like this:

```
<?xml version="1.0" encoding="UTF-8"?>
<OnlineCheck>
  <Header>
    <BuyerAccountId>123456</BuyerAccountId>
    <AuthCode>ABF987</AuthCode>
    <Type>Full</Type>
  </Header>
  <Item line="1">
    <ManufacturerItemIdentifier/>
    <ResellerItemIdentifier/>
    <DistributorItemIdentifier>594733</DistributorItemIdentifier>
    <Quantity>5</Quantity>
  </Item>
  <Item line="2">
    <ManufacturerItemIdentifier>20001700</ManufacturerItemIdentifier>
    <ResellerItemIdentifier/>
    <DistributorItemIdentifier/>
    <Quantity>10</Quantity>
  </Item>
</OnlineCheck>
```



4 XML Return Data Example

```
<?xml version="1.0" encoding="UTF-8"?>
<OnlineCheck version="1.0">
  <Header>
    <IssueDateTime>07.03.2007 10:44:19</IssueDateTime>
    <BuyerAccountId>123456</BuyerAccountId>
    <CountryIdentificationCode CodeListIdentifier="ISO 3166-1"
      CodeListAgencyIdentifier="ISO" CodeName="de" LanguageCode="de"/>
    <SessionID/>
    <SystemId>10.100.132.60</SystemId>
    <CurrencyCode>EUR</CurrencyCode>
    <UseXSL/>
    <Type>FULL</Type>
    <Mode>Online</Mode>
    <Language>
      <IdentificationCode>D</IdentificationCode>
    </Language>
    <Note/>
  </Header>
  <Item line="1">
    <ManufacturerItemIdentifier>20001700</ManufacturerItemIdentifier>
    <ResellerItemIdentifier/>
    <DistributorItemIdentifier>594733</DistributorItemIdentifier>
    <ProductDesc>HP DeskJet</ProductDesc>
    <EAN>1234567</EAN>
    <RequestedQuantity>5</RequestedQuantity>
    <AvailabilityTotal/>
    <AvailabilityByPlant/>
    <UnitPriceAmount>87,23</UnitPriceAmount>
    <TotalPriceAmount>436,15</TotalPriceAmount>
    <BookToDate/>
    <MaximumQuantity/>
    <EstimatedDeliverySchedule>
      <EstimatedDelivery>
        <EstimatedDeliveryDate>20071123</EstimatedDeliveryDate>
        <EstimatedDeliveryQuantity/>
      </EstimatedDelivery>
    </EstimatedDeliverySchedule>
    <UnitPriceDetails/>
    <QuantityBreaks/>
    <Note/>
  </Item>
  <Item line="2">
    <ManufacturerItemIdentifier> 20001700</ManufacturerItemIdentifier>
    <ResellerItemIdentifier/>
    <DistributorItemIdentifier>594733</DistributorItemIdentifier>
    <ProductDesc>EPSON Typ B</ProductDesc>
    <EAN>2000000755366</EAN>
    <RequestedQuantity>10</RequestedQuantity>
    <AvailabilityTotal/>
    <AvailabilityByPlant/>
    <UnitPriceAmount>98,53</UnitPriceAmount>
    <TotalPriceAmount>985,30</TotalPriceAmount>
    <BookToDate/>
    <MaximumQuantity/>
    <EstimatedDeliverySchedule>
    <EstimatedDelivery>
```



```
<EstimatedDeliveryDate>20071201</EstimatedDeliveryDate>  
<EstimatedDeliveryQuantity/>  
</EstimatedDelivery>  
</EstimatedDeliverySchedule>  
<UnitPriceDetails/>  
<QuantityBreaks/>  
<Note/>  
</Item>  
</Online Check>
```

Please be advised that Tech Data are unable to provide a DTD / XSD for the return data!