

Software License Ordering

Status

PENDING PROJECT

This project is waiting for new info to continue.

Introduction

Onetrail, in close corporation with it's customers, is currently developing two new features to increase the coverage for electronic ordering for the ICT industry.

A customer panel is currently active in developing the BTO/CTO (build- and configure to order) order process and we've developed the definitions for software license ordering in close corporation with Nolan Business Solutions.

Nolan Business Solution has experience in electronic software license ordering for years now and is an active partner of Onetrail. For more info: <https://www.nolanbusinesssolutions.co.uk/>.

The software license order definition is published as draft here where you can contribute to the definition by adding comments to this page on the field definitions.

Software License in PIP3A4 PurchaseOrderRequest

We've identified header and line level fields required for software licensing. We're updating the current LicenseOrder element on header level and add an additional element to the line level ProductLineItem. We decided to incorporate the software license fields into the existing order schema and thus not design a complete new schema. This because the software license fields are an addition to the current order. Like the current ProductLineItem element is still valid for licenses and only requires some additional fields for software licenses.

An example XML is available below.

DRAFT

LicenseOrder element on header level

Parent	Field name	Description	Type	Occurrence	XML element / attribute	XML properties
/						
/	Order		Element		Pip3A4PurchaseOrderRequest	Root element
Order	Order header		Element		PurchaseOrder	Element
Order	New Licence or Renewal	New Licence or Renewal	String	1	GlobalPurchaseOrderTypeCode	Attribute: string
Order / Order header	Licence Customer Number	ResellerID in case of VMWARE/ADOBE. Use the FromRole GLN and code conversion	String	0..1	fromRole/PartnerDescription/BusinessDescription/GlobalBusinessIdentifier	Attribute: string
Order / Order header	End User Purchase Order / Reference	Purchase Order Number / Reference from the end user	String	1	DocumentReference/ProprietaryDocumentIdentifier	Attribute: string
Order / Order header	Qualifier	Fixed: Work Order	String		DocumentReference/GlobalDocumentReferenceTypeCode	Enumeration
Order / Order header	Licence Order		Element		LicenceOrder	Element
Order / Order header / Licence Order	Contract Number	Number of the Licence contract, authorisation code or agreement number	String	1	LicenceOrder/ContractNuber	Attribute: string
Order / Order header / Licence Order	Vendor Name	GLN of the software vendor	String	1	LicenceOrder/SuppliedFrom/PartnerDescription/BusinessDescription/GlobalBusinessIdentifier	Attribute: GTINString Type
Order / Order header / Licence Order	Qualifier	Fixed: Manufacturer	String		LicenceOrder/SuppliedFrom/PartnerDescription/BusinessDescription/GlobalPartnerRoleClassificationCode	Enumeration

Order / Order header / Licence Order	End User		Element		LicenceOrder/EndUser	Element
Order / Order header / Licence Order / End User	End User Business Name	End user company name	String	1	LicenceOrder/EndUser/PartnerDescription/BusinessDescription/businessName/FreeFormText	Attribute: string
Order / Order header / Licence Order / End User	End User Address Line1	End user address line 1	String	1	LicenceOrder/EndUser/PhysicalAddress/addressLine1/FreeFormText	Attribute: string
Order / Order header / Licence Order / End User	End User Address Line2	End user address line 2	String	1	LicenceOrder/EndUser/PhysicalAddress/addressLine2/FreeFormText	Attribute: string
Order / Order header / Licence Order / End User	End User City Name	End user city name	String	1	LicenceOrder/EndUser/PhysicalAddress/cityName/FreeFormText	Attribute: string
Order / Order header / Licence Order / End User	End User Region Name	End user region name	String	0..1	LicenceOrder/EndUser/PhysicalAddress/regionName/FreeFormText	Attribute: string
Order / Order header / Licence Order / End User	End User National Postal Code	End user national postal code	String	1	LicenceOrder/EndUser/PhysicalAddress/NationalPostalCode	Attribute: string
Order / Order header / Licence Order / End User	End User GlobalCountryCode	End user country code (ISO_3166-1)	String	1	LicenceOrder/EndUser/PhysicalAddress/GlobalCountryCode	Attribute: string
Order / Order header / Licence Order / End User	End User Contact Name	End user contact name	String	1	LicenceOrder/EndUser/PartnerDescription/ContactInformation/contactName/FreeFormText	Attribute: string
Order / Order header / Licence Order / End User	End User Telephone Number	End user telephone number	String	1	LicenceOrder/EndUser/PartnerDescription/ContactInformation/CommunicationsNumber	Attribute: string
Order / Order header / Licence Order / End User	End user Fax Number	Fax of the end user	String	0..1	LicenceOrder/EndUser/PartnerDescription/ContactInformation/facsimileNumber	Attribute: string
Order / Order header / Licence Order / End User	End User Email Address	End user email	String	1	LicenceOrder/EndUser/PartnerDescription/ContactInformation/EmailAddress	Attribute: string
Order / Order header / Licence Order / End User	End User Type	Type of end user, also known as Licence agreement type / program name	String	0..1	LicenceOrder/EndUser/EndUserType	Attribute: string

DRAFT

LicensOrderLine element on line level

Parent	Field name	Description	Type	Occurrence	XML element / attribute	XML properties
Order	Order Line		Element		ProductLineItem	Element
Order / Order Line	Licence Order Line		Element		LicenceOrderLine	Element
Order / Order line	Licence Reference Number	Reference number to Licence. For Citrix, this is just comments. For VMware it's Token No. And for Symantec products it's SAN	String	0..1	ProductLineItem/DocumentLineReference/ProprietaryDocumentIdentifier	Attribute: string
Order / Order line	Qualifier	Fixed: Licence	String		ProductLineItem/DocumentLineReference/GlobalDocumentReferenceTypeCode	Enumeration
Order / Order Line	Licence Order Line		Element	0..1	LicenceOrderLine	Element
Order / Order Line / Licence Order Line	Licence Reference Number	Reference number to Licence. For Citrix, this is just comments. For VMware it's Token No. And for Symantec products it's SAN	String	0..1	LicenceOrderLine/Reference	Attribute: string

Order / Order Line / Licence Order Line	Price Level	Price level. Monthly or annual (AE or PE). MVLP and MFUL for Microsoft	String	0..1	LicenceOrderLine/PriceLevel	Attribute: string
Order / Order Line / Licence Order Line	Licence Start Date	Start date of the Licence	Date	0..1	LicenceOrderLine/LicenceStartDate	DateTimeStamp ([0-9]{8})T[0-9]{6})
Order / Order Line / Licence Order Line	Licence End Date	End data of the Licence	Date	0..1	LicenceOrderLine/LicenceEndDate	DateTimeStamp ([0-9]{8})T[0-9]{6})
Order / Order Line / Licence Order Line	Reorder	Reorder flag, renewal	Yes/No	1	LicenceOrderLine/Reorder	Enumeration (Yes,No)

Sample XML

Sample XML

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- Sample for an licence order-->
<tns:Pip3A4PurchaseOrderRequest xmlns:ns="http://www.onetrail.net" xmlns:ns3="http://pip3a4po.ws.service.onetrail.com/" xmlns:tns="http://www.onetrail.net" xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<!-- The fromRole GlobalBusinessIdentifier (GLN) will be used to convert to the License Customer Number-->
  <tns:fromRole>
    <tns:PartnerRoleDescription>
      <tns:ContactInformation>
        <tns:contactName>
          <tns:FreeFormText lang="EE">Purchase Department</tns:FreeFormText>
        </tns:contactName>
        <tns:EmailAddress>Purchase@onetrail.com</tns:EmailAddress>
        <tns:facsimileNumber>
          <tns:CommunicationsNumber>+31 30 697 3289</tns:CommunicationsNumber>
        </tns:facsimileNumber>
        <tns:telephoneNumber>
          <tns:CommunicationsNumber>+31 30 697 3288</tns:CommunicationsNumber>
        </tns:telephoneNumber>
      </tns:ContactInformation>
      <tns:GlobalPartnerRoleClassificationCode>Reseller</tns:GlobalPartnerRoleClassificationCode>
      <tns:PartnerDescription>
        <tns:BusinessDescription>
          <tns:GlobalBusinessIdentifier>8714253023366</tns:GlobalBusinessIdentifier>
          <tns:GlobalSupplyChainCode>Information Technology</tns:GlobalSupplyChainCode>
          <tns:businessName>
            <tns:FreeFormText lang="EN">Onetrail B.V. - Test Buyer</tns:FreeFormText>
          </tns:businessName>
        </tns:BusinessDescription>
        <tns:GlobalPartnerClassificationCode>Buyer</tns:GlobalPartnerClassificationCode>
      </tns:PartnerDescription>
    </tns:PartnerRoleDescription>
  </tns:fromRole>
  <tns:GlobalDocumentFunctionCode>Request</tns:GlobalDocumentFunctionCode>
  <tns:PurchaseOrder>
    <tns:AccountDescription>
      <tns:accountName>
        <tns:FreeFormText lang="EE">Onetrail B.V. - Test Buyer</tns:FreeFormText>
      </tns:accountName>
      <tns:AccountNumber>8714253023366</tns:AccountNumber>
      <tns:billTo>
        <tns:PartnerRoleDescription>
          <tns:ContactInformation>
            <tns:contactName>
              <tns:FreeFormText lang="EN">Finance Department</tns:FreeFormText>
            </tns:contactName>
            <tns:EmailAddress>Finance@onetrail.com</tns:EmailAddress>
          </tns:ContactInformation>
        </tns:PartnerRoleDescription>
      </tns:billTo>
    </tns:AccountDescription>
  </tns:PurchaseOrder>
</tns:Pip3A4PurchaseOrderRequest>
```

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        <tns:facsimileNumber>
            <tns:CommunicationsNumber>+31 30 697 3289</tns:
CommunicationsNumber>

        </tns:facsimileNumber>
        <tns:telephoneNumber>
            <tns:CommunicationsNumber>+31 30 697 3288</tns:
CommunicationsNumber>

        </tns:telephoneNumber>
        </tns:ContactInformation>
        <tns:GlobalPartnerRoleClassificationCode>Reseller</tns:
GlobalPartnerRoleClassificationCode>

        <tns:PartnerDescription>
            <tns:BusinessDescription>
                <tns:GlobalBusinessIdentifier>8714253023397</tns:
GlobalBusinessIdentifier>

                <tns:businessName>
                    <tns:FreeFormText lang="EE">Onetrail B.V. -
Test Buyer</tns:FreeFormText>

                </tns:businessName>
            </tns:BusinessDescription>
            <tns:GlobalPartnerClassificationCode>Buyer</tns:
GlobalPartnerClassificationCode>

        </tns:PartnerDescription>
        </tns:PartnerRoleDescription>
        </tns:billTo>
        </tns:AccountDescription>
        <tns:remarks>
            <tns:remark context="Buyer Remark">Header Text</tns:remark>
        </tns:remarks>
        <!--This is the end user purchase order number / reference-->
        <tns:DocumentReference>
            <tns:DateTimeStamp>20150214T171451</tns:DateTimeStamp>
            <tns:GlobalDocumentReferenceTypeCode>Work Order</tns:GlobalDocumentReferenceTypeCode>
            <tns:ProprietaryDocumentIdentifier>End user ref 285481</tns:
ProprietaryDocumentIdentifier>

        </tns:DocumentReference>
        <!--Special order types for licenses, can also be Renewal-->
        <tns:GlobalPurchaseOrderTypeCode>New Licence Order</tns:GlobalPurchaseOrderTypeCode>
        <tns:OrderShippingInformation>
            <tns:GlobalSpecialFulfillmentRequestCode>Partial</tns:
GlobalSpecialFulfillmentRequestCode>

        </tns:OrderShippingInformation>
        <tns:ProductLineItem>
            <tns:remarks>
                <tns:remark lang="NL">Order line remarks / comments</tns:remark>
            </tns:remarks>
            <tns:GlobalProductUnitOfMeasureCode>EACH</tns:GlobalProductUnitOfMeasureCode>
            <tns:isDropShip>
                <tns:AffirmationIndicator>Yes</tns:AffirmationIndicator>
            </tns:isDropShip>
            <tns:LineNumber>1</tns:LineNumber>
            <!--The quantity of licenses to order-->
            <tns:OrderQuantity>
                <tns:requestedQuantity>
                    <tns:ProductQuantity>3</tns:ProductQuantity>
                </tns:requestedQuantity>
            </tns:OrderQuantity>
            <!--Put the product ID's -->
            <tns:ProductIdentification>
                <tns:PartnerProductIdentification>
                    <tns:GlobalPartnerClassificationCode>Manufacturer</tns:
GlobalPartnerClassificationCode>

                <tns:ProprietaryProductIdentifier>12312312</tns:
ProprietaryProductIdentifier>

            </tns:PartnerProductIdentification>
            <tns:PartnerProductIdentification>
                <tns:GlobalPartnerClassificationCode>Seller</tns:
GlobalPartnerClassificationCode>

            <tns:ProprietaryProductIdentifier>SKU12122</tns:
ProprietaryProductIdentifier>

        </tns:PartnerProductIdentification>

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</tns:ProductIdentification>
<tns:requestedEvent>
  <tns:TransportationEvent>
    <tns:DateStamp>20200528T120000</tns:DateStamp>
    <tns:GlobalTransportEventCode>Ship</tns:GlobalTransportEventCode>
  </tns:TransportationEvent>
</tns:requestedEvent>
<tns:requestedUnitPrice>
  <tns:FinancialAmount>
    <tns:GlobalCurrencyCode>EUR</tns:GlobalCurrencyCode>
    <tns:MonetaryAmount>995.56</tns:MonetaryAmount>
  </tns:FinancialAmount>
</tns:requestedUnitPrice>
<tns:totalLineItemAmount>
  <tns:FinancialAmount>
    <tns:GlobalCurrencyCode>EUR</tns:GlobalCurrencyCode>
    <tns:MonetaryAmount>2986.68</tns:MonetaryAmount>
  </tns:FinancialAmount>
</tns:totalLineItemAmount>
<!--Additional fields for licenses on line level -->
<tns:LicenceOrderLine>
  <!--Reference: number to Licence. For Citrix, this is just comments. For VMware
it's Token No. For Symantec products it's SAN, etc. etc.-->
  <tns:Reference>2342ABC123</tns:Reference>
  <!--Price level: Monthly or annual (AE or PE). MVL P and MFUL for Microsoft-->
  <tns:PriceLevel>2342ABC123</tns:PriceLevel>
  <tns:LicenceStartDate>20200527T120000</tns:LicenceStartDate>
  <tns:LicenceEndDate>20210527T120000</tns:LicenceEndDate>
  <!--Reorder flag, renewal-->
  <tns:Reorder>No</tns:Reorder>
</tns:LicenceOrderLine>
</tns:ProductLineItem>
<tns:purchaseOrderIdentifier>
  <tns:ProprietaryDocumentIdentifier>Licence Order 1</tns:ProprietaryDocumentIdentifier>
</tns:purchaseOrderIdentifier>
<tns:requestedEvent>
  <tns:TransportationEvent>
    <tns:DateStamp>20200528T120000</tns:DateStamp>
    <tns:GlobalTransportEventCode>Ship</tns:GlobalTransportEventCode>
  </tns:TransportationEvent>
</tns:requestedEvent>
<!-- ShipTo address for the Licence-->
<tns:shipTo>
  <tns:PartnerDescription>
    <tns:BusinessDescription>
      <tns:businessName>
        <tns:FreeFormText lang="EE">Onetrail Test Buyer</tns:
FreeFormText>
      </tns:businessName>
    </tns:BusinessDescription>
    <tns:GlobalPartnerClassificationCode>Buyer</tns:GlobalPartnerClassificationCode>
    <tns:ContactInformation>
      <tns:contactName>
        <tns:FreeFormText lang="EE">Purchase Department</tns:
FreeFormText>
      </tns:contactName>
      <tns:EmailAddress>support@onetrail.com</tns:EmailAddress>
      <tns:facsimileNumber>
        <tns:CommunicationsNumber>+31 30 697 3289</tns:
CommunicationsNumber>
      </tns:facsimileNumber>
      <tns:telephoneNumber>
        <tns:CommunicationsNumber>+31 30 697 3288</tns:
CommunicationsNumber>
      </tns:telephoneNumber>
    </tns:ContactInformation>
  </tns:PartnerDescription>
  <tns:PhysicalAddress>
    <tns:addressLine1>
      <tns:FreeFormText lang="EE">Handelsweg 6</tns:FreeFormText>
    </tns:addressLine1>

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        <tns:addressLine2>
            <tns:FreeFormText lang="EE">First Floor</tns:FreeFormText>
        </tns:addressLine2>
        <tns:cityName>
            <tns:FreeFormText lang="EE">Zeist</tns:FreeFormText>
        </tns:cityName>
        <tns:GlobalCountryCode>NL</tns:GlobalCountryCode>
        <tns:NationalPostalCode>3705 NH</tns:NationalPostalCode>
    </tns:PhysicalAddress>
</tns:shipTo>
<tns:totalAmount>
    <tns:FinancialAmount>
        <tns:GlobalCurrencyCode>EUR</tns:GlobalCurrencyCode>
        <tns:MonetaryAmount>2986.68</tns:MonetaryAmount>
    </tns:FinancialAmount>
</tns:totalAmount>
<!-- the Licence header fields-->
<tns:LicenceOrder>
    <!-- Number of the Licence contract, authorisation code or agreement number-->
    <tns:ContractNumber>1312313413</tns:ContractNumber>
    <!-- Software vendor, ask Onetrail for full list of software vendor GLN's and names-->
    <tns:SuppliedFrom>
        <tns:PartnerRoleDescription>
            <tns:GlobalPartnerRoleClassificationCode>Manufacturer</tns:
GlobalPartnerRoleClassificationCode>
            <tns:PartnerDescription>
                <tns:BusinessDescription>
                    <tns:GlobalBusinessIdentifier>5099104001131</tns:
GlobalBusinessIdentifier>
                    <tns:GlobalSupplyChainCode>Information Technology</tns:
GlobalSupplyChainCode>
                    <tns:businessName>
                        <tns:FreeFormText lang="EN">Microsoft B.V.</tns:
FreeFormText>
                        </tns:businessName>
                    </tns:BusinessDescription>
                </tns:PartnerDescription>
            </tns:PartnerRoleDescription>
        </tns:SuppliedFrom>
        <!--The EndUser details-->
        <tns:EndUser>
            <tns:PartnerDescription>
                <tns:BusinessDescription>
                    <tns:businessName>
                        <tns:FreeFormText>End User B.V.</tns:FreeFormText>
                    </tns:businessName>
                </tns:BusinessDescription>
                <tns:GlobalPartnerClassificationCode>EndUser</tns:
GlobalPartnerClassificationCode>
                <tns:ContactInformation>
                    <tns:contactName>
                        <tns:FreeFormText>John Doe</tns:FreeFormText>
                    </tns:contactName>
                    <tns:EmailAddress>john.doe@enduser.com</tns:EmailAddress>
                    <tns:telephoneNumber>
                        <tns:CommunicationsNumber>012-3456789</tns:
CommunicationsNumber>
                        </tns:telephoneNumber>
                    </tns:ContactInformation>
                </tns:PartnerDescription>
            <tns:PhysicalAddress>
                <tns:addressLine1>
                    <tns:FreeFormText>EndUser street 22</tns:FreeFormText>
                </tns:addressLine1>
                <tns:cityName>
                    <tns:FreeFormText>SampleCity</tns:FreeFormText>
                </tns:cityName>
                <tns:GlobalCountryCode>NL</tns:GlobalCountryCode>
                <tns:NationalPostalCode>1234 AB</tns:NationalPostalCode>
            </tns:PhysicalAddress>
            <!-- Type of end user, also known as Licence agreement type / program name-->

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        <tns:EndUserType>Commercial</tns:EndUserType>
      </tns:EndUser>
    </tns:LicenceOrder>
  </tns:PurchaseOrder>
  <tns:thisDocumentGenerationDateTime>
    <tns:DateTimeStamp>20200526T171451</tns:DateTimeStamp>
  </tns:thisDocumentGenerationDateTime>
  <tns:thisDocumentIdentifier>
    <tns:ProprietaryDocumentIdentifier>25658937T874q376</tns:ProprietaryDocumentIdentifier>
  </tns:thisDocumentIdentifier>
  <tns:toRole>
    <tns:PartnerRoleDescription>
      <tns:ContactInformation>
        <tns:contactName>
          <tns:FreeFormText lang="EN">Sales Department </tns:FreeFormText>
        </tns:contactName>
        <tns:EmailAddress>sales@onetrail.com</tns:EmailAddress>
        <tns:facsimileNumber>
          <tns:CommunicationsNumber>+31 30 697 3289</tns:CommunicationsNumber>
        </tns:facsimileNumber>
        <tns:telephoneNumber>
          <tns:CommunicationsNumber>+31 30 697 3288</tns:CommunicationsNumber>
        </tns:telephoneNumber>
      </tns:ContactInformation>
      <tns:GlobalPartnerRoleClassificationCode>Distributor</tns:
GlobalPartnerRoleClassificationCode>
      <tns:PartnerDescription>
        <tns:BusinessDescription>
          <tns:GlobalBusinessIdentifier>8714253023236</tns:
GlobalBusinessIdentifier>
          <tns:GlobalSupplyChainCode>Information Technology</tns:
GlobalSupplyChainCode>
          <tns:businessName>
            <tns:FreeFormText lang="EN">Onetrail B.V. - Test Seller</tns:
FreeFormText>
          </tns:businessName>
        </tns:BusinessDescription>
        <tns:GlobalPartnerClassificationCode>Seller</tns:
GlobalPartnerClassificationCode>
      </tns:PartnerDescription>
    </tns:toRole>
  </tns:Pip3A4PurchaseOrderRequest>

```

★ [Download sample XML](#)



OTOrdReq.EUR-Licence.xml