

CCH SureTax - Force Update Integration Flow (iFlow)

Date Updated: 08/04/2023

Introduction:

CCH SureTax iFlow for SAP CO_TAX_FORCE_UPDATE_SPRX, which is configured in your SAP S4/HANA Cloud system via communication scenario SAP_COM_0177.

An active CCH SureTax account for V07 is required.

Please refer to SAP's CO_TAX_FORCE_UPDATE_SPRX documentation for details.

Please view the 'CCH SureTax Integration for SAP S4HC Technical Guide' for more details.

iFlow Details

1. URL = /WK_S4CLDtoWK_ForceUpdate
 - a. The above-mentioned URL is default URL and can be customized as per customers' needs.
 - b. Sender Address field is made customizable parameter.
2. Used by SAP system for Force Updates to external tax systems.
3. Requests to the iFlow are expected to be SOAP format matching the XSD for CO_TAX_FORCE_UPDATE_SPRX's request (see TAX_FORCE_SEND XSD below).
4. CCH SureTax API (SOAP web service) used:
 - a. SoapTaxAdjustmentWithReturnFileCodeRequest
5. Returns SOAP response in format matching the XSD for CO_TAX_FORCE_UPDATE_SPRX's response (see below WSDL from https://api.sap.com/api/CO_TAX_FORCE_UPDATE/overview)

CO_TAX_FORCE_UPDATE.wSDL

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions targetNamespace="http://sap.com/xi/FotETaxUS" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:wssoap12="http://schemas.xmlsoap.org/wsdl/soap12/" xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/" xmlns:tns="http://sap.com/xi/FotETaxUS"
xmlns:n1="http://sap.com/xi/SAPGlobal20/Global">
<wsdl:documentation>
<sid:sid xmlns:sid="http://www.sap.com/2007/03/sid"/>
</wsdl:documentation>
<wsdl:types>
<xsd:schema targetNamespace="http://sap.com/xi/FotETaxUS" xmlns="http://sap.com/xi/FotETaxUS"
xmlns:xi0="http://sap.com/xi/SAPGlobal20/Global">
```

```
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    <xsd:element name="faultUri" minOccurs="0" type="xsd:string"/>
    <xsd:element name="faultDetail" minOccurs="0" maxOccurs="unbounded" type="ExchangeLogData"/>
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  <xsd:sequence>
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    <xsd:element name="id" minOccurs="0" type="xsd:string"/>
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    <xsd:restriction base="xsd:string">
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  </xsd:simpleType>
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</xsd:element>
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    </xsd:restriction>
  </xsd:simpleType>
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  </xsd:simpleType>
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      <xsd:length value="2"/>
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  </xsd:simpleType>
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      <xsd:length value="2"/>
    </xsd:restriction>
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</xsd:element>
<xsd:element name="POPOPUP_FIELDS" minOccurs="0" type="TAX_POPUP_FIELDS"/>
</xsd:sequence>
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  <xsd:sequence>
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          <xsd:length value="6"/>
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    </xsd:element>
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    </xsd:element>
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        <xsd:restriction base="xsd:string">
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      </xsd:simpleType>
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  </xsd:sequence>
</xsd:complexType>
```

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</xsd:element>
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</xsd:sequence>
</xsd:complexType>
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    <xsd:element name="FORCE_RESULT_HEADER" type="FORCE_RESULT_HEADER"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="TAX_FORCE_SEND">
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    <xsd:element name="FORCE_ITEM" minOccurs="0" type="FORCE_ITEM"/>
    <xsd:element name="FORCE_ITEM_JUR" minOccurs="0" type="FORCE_ITEM_JUR"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="TAX_POPUP_FIELDS">
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    <xsd:element name="TAX_POPUP_FIELDS_C" minOccurs="0" type="TAX_POPUP_FIELDS_C"/>
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      </xsd:simpleType>
    </xsd:element>
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    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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      <xsd:maxLength value="100"/>
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</xsd:element>
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    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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  </xsd:simpleType>
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    </xsd:restriction>
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      <xsd:maxLength value="100"/>
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    </xsd:restriction>
  </xsd:simpleType>
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    </xsd:restriction>
  </xsd:simpleType>
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  </xsd:simpleType>
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</xsd:element>
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    <xsd:restriction base="xsd:string">
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    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="100"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="EXTENSION_FIELD028" minOccurs="0">
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    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="EXTENSION_FIELD029" minOccurs="0">
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    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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    <xsd:restriction base="xsd:string">
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    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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</xsd:element>
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</xsd:element>
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</xsd:element>
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="100"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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      <xsd:maxLength value="100"/>
    </xsd:restriction>
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="100"/>
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</xsd:element>
<xsd:element name="EXTENSION_FIELD047" minOccurs="0">
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</xsd:element>
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    </xsd:restriction>
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</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="TAX_POPUP_FIELDS_S">
  <xsd:sequence>
    <xsd:element name="ACC_ASS_GL_ACCOUNT" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="10"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

```
</xsd:simpleType>
</xsd:element>
<xsd:element name="ACC_ASS_COST_CENTER" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="DOC_DATE" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:date">
      <xsd:pattern value="[0-9]{4}-[0-9]{2}-[0-9]{2}"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="POS_DATE" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:date">
      <xsd:pattern value="[0-9]{4}-[0-9]{2}-[0-9]{2}"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="SHIP_TO_CUST" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="SOLD_TO_CUST" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="SERV_DATE" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:date">
      <xsd:pattern value="[0-9]{4}-[0-9]{2}-[0-9]{2}"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="PURCHASE_DOC" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="SALES_DOC" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
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  </xsd:simpleType>
</xsd:element>
<xsd:element name="SALES_DOC_CATEGORY" minOccurs="0">
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="BILLED_AMOUNT" minOccurs="0">
```



```

<xsd:simpleType>
  <xsd:restriction base="xsd:string">
    <xsd:maxLength value="15"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="WBS_ELEMENT" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="8"/>
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  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
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<xsd:schema targetNamespace="http://sap.com/xi/SAPGlobal20/Global" xmlns="http://sap.com/xi/SAPGlobal20/Global"
xmlns:xi0="http://sap.com/xi/SAPGlobal20/Global">
  <xsd:import namespace="http://sap.com/xi/FotETaxUS"/>
  <xsd:element name="StandardMessageFault">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="standard" type="tns:ExchangeFaultData"/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
</xsd:schema>
</wsdl:types>
<wsdl:message name="TAX_FORCE_SEND">
  <wsdl:part name="TAX_FORCE_SEND" element="tns:TAX_FORCE_SEND"/>
</wsdl:message>
<wsdl:message name="TAX_FORCE_RECEIVE">
  <wsdl:part name="TAX_FORCE_RECEIVE" element="tns:TAX_FORCE_RECEIVE"/>
</wsdl:message>
<wsdl:message name="StandardMessageFault">
  <wsdl:part name="StandardMessageFault" element="n1:StandardMessageFault"/>
</wsdl:message>
<wsdl:portType name="Tax_ForceUpdate">
  <wsdl:documentation>
    <sapdoc:sapdoc xmlns:sapdoc="urn:sap:esi:documentation">
      <sapdoc:docitem applicationComponent="FI-GL-GL-F"/>
    </sapdoc:sapdoc>
  </wsdl:documentation>
  <wsdl:operation name="TaxDocumentForceUpdate">
    <wsdl:input message="tns:TAX_FORCE_SEND"/>
    <wsdl:output message="tns:TAX_FORCE_RECEIVE"/>
    <wsdl:fault name="StandardMessageFault" message="tns:StandardMessageFault"/>
  </wsdl:operation>
</wsdl:portType>
<wsdl:binding type="tns:Tax_ForceUpdate" name="CO_TAX_FORCE_UPDATE">
  <wsoap12:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"/>
  <wsdl:operation name="TaxDocumentForceUpdate">
    <wsdl:input>
      <wsoap12:body use="literal"/>
    </wsdl:input>
    <wsdl:output>
      <wsoap12:body use="literal"/>
    </wsdl:output>
    <wsdl:fault name="StandardMessageFault">
      <wsoap12:fault name="StandardMessageFault" use="literal"/>
    </wsdl:fault>
  </wsdl:operation>
</wsdl:binding>
</wsdl:definitions>

```