

# CCH SureTax - Mass Redefine Integration Flow (iFlow)

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## Introduction:

CCH SureTax iFlow for SAP CO\_TAX\_JURI\_REDEFINE\_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\_JURI\_REDEFINE\_SPRX documentation for details.

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

## iFlow Details

1. URL = /WK\_S4CLDtoWK\_MassRedefine
  - 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 tax jurisdiction code mass update.
3. Requests to the iFlow are expected to be SOAP format matching the XSD for CO\_TAX\_JURI\_REDEFINE\_SPRX's request (see TAX\_JUR\_REDEFINE\_SEND XSD below).
4. CCH SureTax API (SOAP web service) used:
  - a. BatchGetGeocode
5. Returns SOAP response in format matching the XSD for CO\_TAX\_JURI\_REDEFINE\_SPRX's response (see TAX\_JUR\_REDEFINE\_RECEIVE XSD below)

## TAX\_JUR\_REDEFINE\_SEND XSD

```
<xsd:element name="TAX_JUR_REDEFINE_SEND" type="TAX_JUR_REDEFINE_SEND"/>
```

```
<xsd:complexType name="TAX_JUR_REDEFINE_SEND">
```

```
  <xsd:sequence>
```

```
    <xsd:element name="LOCATION_SIMPLE" maxOccurs="unbounded" type="LOCATION_SIMPLE"/>
```

```
  </xsd:sequence>
```

```
</xsd:complexType>
```

```
<xsd:complexType name="LOCATION_SIMPLE">
```

```
  <xsd:sequence>
```

```
<xsd:element name="SEQUENCE_NUM">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

<xsd:element name="COUNTRY" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

<xsd:element name="STATE" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="3"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

<xsd:element name="COUNTY" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="40"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>

<xsd:element name="CITY" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="40"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
```

```
</xsd:simpleType>
</xsd:element>
<xsd:element name="ZIPCODE" minOccurs="0">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="10"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="STREET_ADDRESS_SIMPLE" type="STREET_ADDRESS_SIMPLE"/>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="STREET_ADDRESS_SIMPLE">
  <xsd:sequence>
    <xsd:element name="STREET" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="60"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="STREET1" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="40"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

## TAX\_JUR\_REDEFINE\_RECEIVE XSD

```
<xsd:element name="TAX_JUR_REDEFINE_RECEIVE" type="TAX_JUR_REDEFINE_RECEIVE"/>
<xsd:complexType name="TAX_JUR_REDEFINE_RECEIVE">
  <xsd:sequence>
    <xsd:element name="TAX_JURI_CODE_NUM" maxOccurs="unbounded" type="TAX_JURI_CODE_NUM"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="LOCATION_HEADER">
  <xsd:sequence>
    <xsd:element name="RETCODE" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:length value="1"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ERRCODE" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="4"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="ERRMSG" minOccurs="0">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="72"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="TAX_JURI_CODE_NUM">
```

```
<xsd:sequence>
  <xsd:element name="TXJCD" minOccurs="0">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="15"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="SEQUENCE_NUM">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:maxLength value="10"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="MSG_RETURN" minOccurs="0" type="LOCATION_HEADER"/>
</xsd:sequence>
</xsd:complexType>
```