**蔬菜批发市场对接接口文档**

**接口一：上传节点备案数据、经营户信息、追溯卡信息**

**接口方式**：REST

**接口URL**：http://10.1.120.18:7070/ft\_receive\_web/upload/subject/{dataType}

dataType ：数据类型，取值如下

1201 ：节点备案数据

1202 ：经营户信息

1203 ：追溯卡信息

**提交方式**：POST

**字符集**：UTF-8

**转入参数**：数据记录的xml字符串

**返回参数**：值为SUCCESS,表示上传成功

**接口二：上传交易和进场数据**

**接口方式**：REST

**接口URL**：http://10.1.120.18:7070/ft\_receive\_web/upload/trace/{nodeId}/{dataType}

nodeId ： 追溯系统中备案的节点编码，postType为subject的时候，这项不需要

dataType ：数据类型，取值如下

0301 ：进场数据

0302 ：交易数据

0303 ：检测数据

**提交方式**：POST

**字符集**：UTF-8

**转入参数**：数据记录的xml字符串

**返回参数**：值为SUCCESS,表示上传成功

注：

1.现在服务器IP:10.1.120.18,端口：7070为测试接口，测试完成后切回到真实环境。

2.数据上传一次最多不要超过500条记录

**XML数据格式如下：**

**1.进场数据**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<vw\_entrance\_infos node\_id="330204101" node\_name="宁波市蔬菜副食品批发交易市场">

 <vw\_entrance\_info>

 <entrance\_date>2020-03-13</entrance\_date>

 <seller\_id>3302041011211</seller\_id>

 <seller\_name>屠工1</seller\_name>

 <vouchers>

 <voucher voucher\_type="0">0</voucher>

 </vouchers>

 <vw\_entrance\_details>

 <vw\_entrance\_detail batch\_code="3302041011770905" trace\_code="33020410112110000002">

 <product\_code>01233012</product\_code>

 <product\_name>花菜</product\_name>

 <weight>816.65</weight>

 <price>1.0</price>

 <amount>121.0</amount>

 <origin\_area\_code>330200</origin\_area\_code>

 <origin\_area\_name>宁波市</origin\_area\_name>

 <supplier\_id>3302041011211</supplier\_id>

 <supplier\_name>屠工1</supplier\_name>

 <supply\_node\_id>330204101</supply\_node\_id>

 <supply\_node\_name>宁波市蔬菜副食品批发交易市场</supply\_node\_name>

 <transporter\_id>浙B12345</transporter\_id>

 </vw\_entrance\_detail>

 </vw\_entrance\_details>

 </vw\_entrance\_info>

</vw\_entrance\_infos>

**2.交易数据**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<vw\_deal\_infos node\_id="330204101" node\_name="宁波市蔬菜副食品批发交易市场">

 <vw\_deal\_info>

 <seller\_id>3302041010057</seller\_id>

 <seller\_name>冯英忠</seller\_name>

 <buyer\_id>3302042024102</buyer\_id>

 <buyer\_name>lisi</buyer\_name>

 <deal\_date>2020-03-06</deal\_date>

 <vw\_deal\_details>

 <vw\_deal\_info\_detail batch\_code="3302041011694952" trace\_code="33020410100570888081">

 <deal\_id>0888081</deal\_id>

 <last\_trace\_code>33020410100570888082</last\_trace\_code>

 <product\_code>01233012</product\_code>

 <product\_name>花菜</product\_name>

 <price>8.0</price>

 <weight>2.4</weight>

 <amount>19.2</amount>

 <dest\_code>330200</dest\_code>

 <dest\_name>宁波市</dest\_name>

 </vw\_deal\_info\_detail>

 </vw\_deal\_details>

 </vw\_deal\_info>

</vw\_deal\_infos>

**3.检测数据**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<vw\_detection\_infos node\_id="330204101" node\_name="宁波市蔬菜副食品批发交易市场">

 <vw\_detection\_info batch\_code="3302041011770905" trace\_code="33020410112110000033" sample\_id="41">

 <seller\_id>3302041011211</seller\_id>

 <seller\_name>屠工1</seller\_name>

 <product\_code>01233013</product\_code>

 <product\_name>西兰花</product\_name>

 <sample\_weight>2</sample\_weight>

 <detector\_name>张三</detector\_name>

 <detect\_date>2020-03-16</detect\_date>

 <result>1</result>

 <vw\_detection\_items>

 <vw\_detection\_item detection\_type="3" detection\_name="农药残留">

 <result>1</result>

 <result\_desc>0</result\_desc>

 </vw\_detection\_item>

 </vw\_detection\_items>

 </vw\_detection\_info>

</vw\_detection\_infos>

**4.经营户数据**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<proprietor\_infos>

 <proprietor\_info proprietor\_id="3302041011217" proprietor\_name="张三" node\_id="330204101">

 <deal\_role>2</deal\_role>

 <property>2</property>

 <identity\_card\_no>330227199110201119</identity\_card\_no>

 <reg\_id/>

 <business\_type\_id>17</business\_type\_id>

 <record\_date>2020-03-17</record\_date>

 <legal\_represent/>

 <tel> </tel>

 <contact\_addr>宁波江东区蔬菜批发市场</contact\_addr>

 <status>1</status>

 <plant\_address/>

 <plant\_area/>

 <creator\_id>240518168660</creator\_id>

 <creator\_name>管理员</creator\_name>

 <created\_timestamp>1584374400000</created\_timestamp>

 <last\_modifier\_id>240518168660</last\_modifier\_id>

 <last\_modifier\_name>管理员</last\_modifier\_name>

 <last\_modified>1584374400000</last\_modified>

 <annual\_inspector\_id/>

 <annual\_inspector\_name/>

 <annual\_inspected\_timestamp/>

 <record\_locations>

 <record\_location>

 <record\_location\_code>330204101</record\_location\_code>

 <record\_location\_name>市蔬菜副食品批发交易市场</record\_location\_name>

 <recorder\_id>3302041011217</recorder\_id>

 <recorder\_name>张三</recorder\_name>

 <recorded\_timestamp>1584374400000</recorded\_timestamp>

 </record\_location>

 </record\_locations>

 </proprietor\_info>

</proprietor\_infos>

**5.追溯服务卡数据**

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<trace\_cards>

 <trace\_card card\_no="3302000003694" card\_serial\_no="3C0BDFCE">

 <node\_id>330204101</node\_id>

 <proprietor\_id>3302041011211</proprietor\_id>

 <proprietor\_name>屠工1</proprietor\_name>

 <identity\_no>330227199110201111</identity\_no>

 <contact\_telno>13059434265</contact\_telno>

 <card\_type>1</card\_type>

 <status>1</status>

 <pledge>14.0</pledge>

 <fee>15.0</fee>

 <creator\_id>admin</creator\_id>

 <creator\_name>管理员</creator\_name>

 <created\_timestamp>1582473600000</created\_timestamp>

 <last\_modifier\_id>admin</last\_modifier\_id>

 <last\_modifier\_name>管理员</last\_modifier\_name>

 <last\_modified>1582473600000</last\_modified>

 </trace\_card>

</trace\_cards>