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<?xml version="1.0" encoding="UTF-8" ?>
- <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" version="1.0"
  xml:lang="EN" attributeFormDefault="qualified" elementFormDefault="qualified"
  xmlns:tns="http://mdsdev01" targetNamespace="http://mdsdev01">
- <xsd:annotation>
  <xsd:documentation xml:lang="en">Vendor Reporting XML schema for
    NYSEDATA.com Copyright 2002 nysedata.com. All rights
    reserved.</xsd:documentation>
</xsd:annotation>
<xsd:element name="report" type="tns:report" />
- <xsd:complexType name="report">
  <!-- Root element for every file -->
- <xsd:sequence>
  <xsd:element name="fileDescriptor" type="tns:fileDescriptor"
    minOccurs="1" maxOccurs="1" />
  <xsd:element name="vendorChangeEntry"
    type="tns:vendorChangeEntry" minOccurs="0" maxOccurs="1" />
  <xsd:element name="inventoryEntry" type="tns:inventoryEntry"
    minOccurs="0" maxOccurs="unbounded" />
  <xsd:element name="subscriberNewEntry"
    type="tns:subscriberNewEntry" minOccurs="0"
    maxOccurs="unbounded" />
  <xsd:element name="subscriberChangeEntry"
    type="tns:subscriberChangeEntry" minOccurs="0"
    maxOccurs="unbounded" />
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="fileDescriptor">
  <!-- Describes the files contents, also for checksums -->
- <xsd:sequence>
  <xsd:element name="dateFileCreated" type="tns:customDateTime"
    minOccurs="1" maxOccurs="1" />
  <!-- These counts are used for validating that the file is
  complete and correct -->
  <xsd:element name="vendorChangeEntryCount" type="xsd:unsignedInt"
    minOccurs="0" maxOccurs="1" />
  <xsd:element name="inventoryEntryCount" type="xsd:unsignedInt"
    minOccurs="0" maxOccurs="1" />
  <xsd:element name="subscriberNewEntryCount" type="xsd:unsignedInt"
    minOccurs="0" maxOccurs="1" />
  <xsd:element name="subscriberChangeEntryCount"
    type="xsd:unsignedInt" minOccurs="0" maxOccurs="1" />
</xsd:sequence>
<xsd:attribute name="vendorId" type="xsd:string" use="required" />
</xsd:complexType>
- <xsd:complexType name="vendorChangeEntry">
  <!-- Changing vendor information -->
- <xsd:sequence>
  <xsd:element name="company" type="tns:company" minOccurs="0"
    maxOccurs="1" />
  <xsd:element name="billingChange" type="tns:billingChange"
    minOccurs="0" maxOccurs="1" />
  <xsd:element name="locationNew" type="tns:locationNew"

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    minOccurs="0" maxOccurs="unbounded" />
<xsd:element name="vendorLocationChange"
  type="tns:vendorLocationChange" minOccurs="0"
  maxOccurs="unbounded" />
<xsd:element name="vendorContactChange"
  type="tns:vendorContactChange" minOccurs="0"
  maxOccurs="unbounded" />
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="inventoryEntry">
  <!-- Any inventory changes start with this -->
  - <xsd:sequence>
    <xsd:element name="van" type="xsd:string" minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="product" type="tns:product" minOccurs="1"
      maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="subscriberNewEntry">
  <!-- New customer for this vendor -->
  - <xsd:sequence>
    <xsd:element name="company" type="tns:company" minOccurs="1"
      maxOccurs="1" />
    <xsd:element name="billingAddress" type="tns:address" minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="locationNew" type="tns:locationNew"
      minOccurs="1" maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="subscriberChangeEntry">
  <!-- Changes to a customer for this vendor -->
  - <xsd:sequence>
    <xsd:element name="company" type="tns:company" minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="billingChange" type="tns:billingChange"
      minOccurs="0" maxOccurs="1" />
    <xsd:element name="locationNew" type="tns:locationNew"
      minOccurs="0" maxOccurs="unbounded" />
    <xsd:element name="locationChange" type="tns:locationChange"
      minOccurs="0" maxOccurs="unbounded" />
  </xsd:sequence>
  <xsd:attribute name="van" type="xsd:string" use="required" />
</xsd:complexType>
- <xsd:complexType name="locationNew">
  <!-- All new locations must contain inventory -->
  - <xsd:sequence>
    <xsd:element name="address" type="tns:address" minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="inventoryEntry" type="tns:inventoryEntry"
      minOccurs="1" maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="locationChange">

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<!-- Just for changing the address of a location -->
- <xsd:sequence>
  <xsd:element name="address" type="tns:address" minOccurs="0"
    maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="billingChange">
  <!-- Just for changing billing information -->
- <xsd:sequence>
  <xsd:element name="address" type="tns:address" minOccurs="0"
    maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="vendorContactChange">
- <xsd:sequence>
  - <xsd:element name="actionCode" minOccurs="1" maxOccurs="1">
    - <xsd:simpleType>
      - <xsd:annotation>
        <xsd:documentation>Business rules apply for each action
          code. Refer to the pdf file for further
          information.</xsd:documentation>
      </xsd:annotation>
    - <xsd:restriction base="xsd:string">
      <xsd:enumeration value="ADD" />
      <!-- Contact Add -->
      <xsd:enumeration value="UPD" />
      <!-- Contact Update -->
      <xsd:enumeration value="DEL" />
      <!-- Contact Delete -->
    </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
  <xsd:element name="contact" type="tns:contact" minOccurs="1"
    maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="vendorLocationChange">
  <!-- Location identified by a vendor account number -->
- <xsd:complexContent>
  - <xsd:extension base="tns:locationChange">
    <xsd:attribute name="van" type="xsd:string" use="required" />
  </xsd:extension>
</xsd:complexContent>
</xsd:complexType>
- <xsd:complexType name="company">
  <!-- Core Data Structure Element -->
- <xsd:sequence>
  <xsd:element name="name1" type="xsd:string" minOccurs="1"
    maxOccurs="1" />
  <xsd:element name="name2" type="xsd:string" minOccurs="0"
    maxOccurs="1" />
  <xsd:element name="comment" type="xsd:string" minOccurs="0"
    maxOccurs="1" />

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</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="address">
  <!-- Core Data Structure Element -->
- <xsd:sequence>
  <xsd:element name="address1" type="xsd:string" minOccurs="1"
    maxOccurs="1" />
  <xsd:element name="address2" type="xsd:string" minOccurs="0"
    maxOccurs="1" />
  <xsd:element name="address3" type="xsd:string" minOccurs="0"
    maxOccurs="1" />
  <xsd:element name="city" type="xsd:string" minOccurs="1"
    maxOccurs="1" />
  <xsd:element name="state" type="xsd:string" minOccurs="0"
    maxOccurs="1" />
  <xsd:element name="postalCode" type="xsd:string" minOccurs="0"
    maxOccurs="1" />
  <xsd:element name="localCompanyName1" type="xsd:string"
    minOccurs="0" maxOccurs="1" />
  <xsd:element name="localCompanyName2" type="xsd:string"
    minOccurs="0" maxOccurs="1" />
</xsd:sequence>
<xsd:attribute name="country" type="xsd:NMTOKEN" default="US"
  use="optional" />
</xsd:complexType>
- <xsd:complexType name="contact">
  <!-- Core Data Structure Element -->
- <xsd:sequence>
  - <xsd:element name="contactType" minOccurs="1" maxOccurs="1"
    default="RP">
    - <xsd:simpleType>
      - <xsd:restriction base="xsd:string">
        <xsd:enumeration value="RP" />
        <!-- Reporting -->
        <xsd:enumeration value="PR" />
        <!-- Primary Reporting -->
        <xsd:enumeration value="DL" />
        <!-- Distribution List -->
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>
<xsd:element name="fullName" type="xsd:string" minOccurs="1"
  maxOccurs="1" />
<xsd:element name="firstName" type="xsd:string" minOccurs="0"
  maxOccurs="1" />
<xsd:element name="middleName" type="xsd:string" minOccurs="0"
  maxOccurs="1" />
<xsd:element name="lastName" type="xsd:string" minOccurs="0"
  maxOccurs="1" />
<xsd:element name="salutation" type="xsd:string" minOccurs="0"
  maxOccurs="1" />
<xsd:element name="title" type="xsd:string" minOccurs="0"
  maxOccurs="1" />

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<xsd:element name="phoneNumber" type="xsd:string" minOccurs="0"
  maxOccurs="1" />
<xsd:element name="emailAddr" type="xsd:string" minOccurs="0"
  maxOccurs="1" />
<xsd:element name="faxNumber" type="xsd:string" minOccurs="0"
  maxOccurs="1" />
<xsd:element name="address" type="tns:address" minOccurs="0"
  maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>
- <xsd:complexType name="product">
  <!-- Links Inventory Entry to Inventory Elements -->
  - <xsd:sequence>
    <xsd:element name="inventory" type="tns:inventory" minOccurs="1"
      maxOccurs="unbounded" />
  </xsd:sequence>
  <xsd:attribute name="vendorProductCode" type="xsd:string"
    use="required" />
  <xsd:attribute name="nyseProductCode" type="xsd:string" use="optional" />
</xsd:complexType>
- <xsd:complexType name="inventory">
  <!-- Core Data Structure Element -->
  - <xsd:sequence>
    <xsd:element name="quantity" type="xsd:unsignedInt" minOccurs="1"
      maxOccurs="1" />
    <xsd:element name="comments" type="xsd:string" minOccurs="0"
      maxOccurs="1" />
  </xsd:sequence>
  <xsd:attribute name="effectiveDate" type="xsd:date" use="required" />
</xsd:complexType>
- <xsd:complexType name="customDateTime">
  - <xsd:sequence>
    <xsd:element name="date" type="xsd:date" minOccurs="1"
      maxOccurs="1" />
    <xsd:element name="time" type="tns:customTimeString" minOccurs="1"
      maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>
- <xsd:simpleType name="customTimeString">
  - <xsd:restriction base="xsd:string">
    <xsd:pattern value="[0-2]\d{1}:[0-5]\d{1}:[0-5]\d{1}" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:schema>

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