

Uploading Product Subset Updates

Overview

The AGIISProductSubsetUpdate.xml document (here after referred to as “the document”) provides an interface file to AGIIS that supports adding, replacing, and deleting subscriber’s GTIN cross-reference records in the AGIIS database. The definitions for the document’s structure can be found in the <https://www.agiis.org/XML/namespace/AGIISSchema.xsd> document.

The header structure contains information specific to the document itself. It is used to communicate the unique id, the date and time the document was created, the sender and intended recipient.

The body structure contains a repeating sequence of GTINCrossReference structures. These structures are used to communicate cross-reference adds, replaces, adds/replaces¹, and deletes. Within the GTINCrossReference structure, the package configuration for which the subset ActionRequest pertains can be identified in the following 2 ways:

- By specifying the unique GTIN in a <GTIN>12345678901234</GTIN> structure
- By specifying Manufacturer EBID, Manufacturer Reporting ID, and Level Indicator
 - The Level Indicator allows the submitter to cross reference to only the “lowest level” package configuration (typically the level 0 “lowest saleable unit”) or to all package configurations for the Manufacturer EBID and Reporting ID specified.

Below are samples of 4 GTINCrossReference structures, 1 for each request type using the “GTIN style”.

Examples:

Add Request	<pre><GTINCrossReference ActionRequest="Add"> <GTIN>12345678901234</GTIN> <ProprietaryCode>A001</ProprietaryCode> </GTINCrossReference></pre>
Replace Request	<pre><GTINCrossReference ActionRequest="Replace"> <GTIN>11223344556677</GTIN> <ProprietaryCode>C003</ProprietaryCode> </GTINCrossReference></pre>
Add\Replace Request	<pre><GTINCrossReference ActionRequest="AddOrReplace"> <GTIN>11223344556677</GTIN> <ProprietaryCode>C003</ProprietaryCode> </GTINCrossReference></pre>
Delete Request	<pre><GTINCrossReference ActionRequest="Delete"> <GTIN>77665544332211</GTIN> <ProprietaryCode>D004</ProprietaryCode> </GTINCrossReference></pre>

¹ The AddOrReplace request will add the record if it does not already exist or will update the record if it already exists in the AGIIS database.

Below are samples of 2 GTINCrossReference structures, requesting an “Add” using the “Reporting ID style”.

Examples:

<p>Add Request Lowest level</p>	<pre><GTINCrossReference ActionRequest="Add"> <ManufacturerIdentifier> <PartnerIdentifier Agency="EBID">0013157040000</PartnerIdentifier> <ReportingIdentifier>D10946293</ReportingIdentifier> <LevelIndicator>LOWESTLEVEL</LevelIndicator> </ManufacturerIdentifier> <ProprietaryCode>A001</ProprietaryCode> </GTINCrossReference></pre>
<p>Add Request All Levels</p>	<pre><GTINCrossReference ActionRequest="Add"> <ManufacturerIdentifier> <PartnerIdentifier Agency="EBID">0013157040000</PartnerIdentifier> <ReportingIdentifier>D10946293</ReportingIdentifier> <LevelIndicator>ALL</LevelIndicator> </ManufacturerIdentifier> <ProprietaryCode>A001</ProprietaryCode> </GTINCrossReference></pre>

The document can contain any combination of the 3 request types listed above.

Subscribers can upload their documents by using either the File Upload feature on the AGIIS web site or an FTP client. Subscriber’s wishing to use an FTP client are encouraged to contact the AGIIS help desk prior to uploading their first file to verify their FTP information.

Error Handling

In the event that one or more errors are encountered the specific error(s) will be reported via email to the specified contact email address in the From structure of the Header. In the event that any errors are encountered no requests will be processed.

Error Conditions

In general, the system will generate errors for any invalid document formatting; this is performed by validating the document against AGIISchema schema definition. In addition, there are 3 application specific conditions that will generate errors:

<p>Add processing</p>	<p>An error will occur if the system encounters an add request for which there is an existing cross-reference. Note, the AddOrReplace transaction can be used to avoid this error.</p>
<p>Replace processing</p>	<p>An error will occur if the system encounters a replace request for which there is no existing cross-reference. . Note, the AddOrReplace transaction can be used to avoid this error.</p>
<p>Delete processing</p>	<p>An error will occur if the system encounters a delete request for which there is no existing cross-reference.</p>
<p>Missing GTIN</p>	<p>An error will occur if the GTIN specified in the request is not found in the database (applies to GTIN style only).</p>
<p>Invalid EBID</p>	<p>An error will occur if the EBID specified does not match the EBID associated with the FTP folder.</p>
<p>Missing Reporting ID</p>	<p>An error will occur if the Manufacturer EBID and Reporting ID specified in the request is not found in the database (applies to Reporting ID style only).</p>

Sample Document (GTIN Style):

The following is a sample document that requests 1 add, 1 replace, 1 add\replace, and 1 delete.

```
<?xml version="1.0" encoding="UTF-8"?>
<AGIISProductSubsetUpdate xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://www.agiis.org/XML/namespace/AGIISSchema.xsd" Version="1.0">
  <Header>
    <ThisDocumentIdentifier>
      <DocumentIdentifier>20030101T0730000001</DocumentIdentifier>
    </ThisDocumentIdentifier>
    <ThisDocumentDateTime>
      <DateTime DateTimeQualifier="On">20030101T073000</DateTime>
    </ThisDocumentDateTime>
    <From>
      <PartnerInformation>
        <PartnerName>ACME Distribution, Inc,</PartnerName>
        <PartnerIdentifier Agency="EBID">1234567890000</PartnerIdentifier>
        <ContactInformation>
          <ContactName>Joe Smith</ContactName>
          <TelephoneNumber>
            <NationalTelephoneNumber>(800) 555-1234</NationalTelephoneNumber>
          </TelephoneNumber>
          <EmailAddress>jsmith@acmedist.com</EmailAddress>
        </ContactInformation>
      </PartnerInformation>
    </From>
    <To>
      <PartnerInformation>
        <PartnerName>Covansys</PartnerName>
        <PartnerIdentifier Agency="EBID">1324108090000</PartnerIdentifier>
        <ContactInformation>
          <ContactName>AGIIS Help Desk</ContactName>
          <TelephoneNumber>
            <NationalTelephoneNumber>1-866-251-8618</NationalTelephoneNumber>
          </TelephoneNumber>
          <EmailAddress>helpdesk@agiis.org</EmailAddress>
        </ContactInformation>
      </PartnerInformation>
    </To>
  </Header>
  <Body>
    <AGIISProductSubsetUpdateDetails>
      <GTINCrossReference ActionRequest="Add">
        <GTIN>12345678901234</GTIN>
        <ProprietaryCode>A001</ProprietaryCode>
      </GTINCrossReference>
      <GTINCrossReference ActionRequest="AddOrReplace">
        <GTIN>23456789012345</GTIN>
        <ProprietaryCode>B002</ProprietaryCode>
      </GTINCrossReference>
      <GTINCrossReference ActionRequest="Replace">
        <GTIN>11223344556677</GTIN>
        <ProprietaryCode>C003</ProprietaryCode>
      </GTINCrossReference>
      <GTINCrossReference ActionRequest="Delete">
        <GTIN>77665544332211</GTIN>
        <ProprietaryCode>D004</ProprietaryCode>
      </GTINCrossReference>
    </AGIISProductSubsetUpdateDetails>
  </Body>
</AGIISProductSubsetUpdate>
```

Sample Document (Reporting ID Style):

The following is a sample document that requests 1 add.

Last Updated 9/5/08

```
<?xml version="1.0" encoding="utf-8"?>
<AGIISProductSubsetUpdate xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Header>
    <ThisDocumentIdentifier>
      <DocumentIdentifier>20041020T1257430001</DocumentIdentifier>
    </ThisDocumentIdentifier>
    <ThisDocumentDateTime>
      <DateTime DateTimeQualifier="On">20041020T125743</DateTime>
    </ThisDocumentDateTime>
    <From>
      <PartnerInformation>
        <PartnerName>Unknown</PartnerName>
        <PartnerIdentifier Agency="EBID">0048354020000</PartnerIdentifier>
        <ContactInformation>
          <ContactName>Frank Wilson</ContactName>
          <TelephoneNumber>
            <NationalTelephoneNumber>9134698700</NationalTelephoneNumber>
          </TelephoneNumber>
          <EmailAddress>fwilson@onyx.com</EmailAddress>
        </ContactInformation>
      </PartnerInformation>
    </From>
    <To>
      <PartnerInformation>
        <PartnerName>Covansys</PartnerName>
        <PartnerIdentifier Agency="EBID">1324108090000</PartnerIdentifier>
        <ContactInformation>
          <ContactName>AGIIS Help Desk</ContactName>
          <TelephoneNumber>
            <NationalTelephoneNumber>(866) 251-8618</NationalTelephoneNumber>
          </TelephoneNumber>
          <EmailAddress>helpdesk@agiis.org</EmailAddress>
        </ContactInformation>
      </PartnerInformation>
    </To>
  </Header>
  <Body>
    <AGIISProductSubsetUpdateDetails>
      <GTINCrossReference ActionRequest="Add">
        <ManufacturerIdentifier>
          <PartnerIdentifier Agency="EBID">0013157040000</PartnerIdentifier>
          <ReportingIdentifier>D10946293</ReportingIdentifier>
          <LevelIndicator>ALL</LevelIndicator>
        </ManufacturerIdentifier>
        <ProprietaryCode> D10946293</ProprietaryCode>
      </GTINCrossReference>
    </AGIISProductSubsetUpdateDetails>
  </Body>
</AGIISProductSubsetUpdate>
```