



E-Partner Solutions

Subject: XML Inventory and Price Check

Welcome to the ASI XML Inventory and Price Check guide. This guide explains how you can query the inventory and price by passing certain parameters in the query string to a link. You can also create your own XML documents to interface between your e-commerce application and the query link on the ASI server.

ASI XML Overview

The customer must include the following parameters in the query string when they access the link <https://www.asipartner.com/partneraccess/xml/price.asp>

1. CID = Customer's ASI account number.
2. CERT = Customer's 15 character security certificate which will be provided during initial setup.
3. SKU = ASI Item Number that is being queried to get its inventory levels and pricing.

The response is displayed as an XML document in the user's browser.

ASI will provide a unique 15 character security certificate to every customer. If you don't have one, please send an email to webmaster@asipartner.com requesting it.

ASI Inventory and Price Request Document Specifications

Element Name	Data Type	Maximum Length	Element Description/Requirements
header			
header child: CID	string	-	Required field. The value must be in uppercase.
header child: CERT	string	-	Required field. The value must be in uppercase.
header child: SKU	string	-	Required field. The value must be in uppercase.

ASI Inventory and Price Response Document Specifications (Error)

Element Name	Data Type	Maximum Length	Element Description/Requirements
error			
error child: code	integer	-	Code returned if an error occurs during processing.
error child: message	string	-	Message returned with each error code.

XML Request by Query Method:

You can query pricing and inventory using query method like the below example.

<https://www.asipartner.com/partneraccess/xml/price.asp?CID=73940&CERT=ABCDEF123456789&SKU=159569>

XML Request by Posting Method:

You can also use posting method to submit your XML document to our link like below.

```
<?xml version="1.0" ?>
<header>
  <CID>73940</CID>
  <CERT>ABCDEF123456789</CERT>
  <SKU>159569</SKU>
</header>
```

Example of successful response:

```
<?xml version="1.0" encoding="UTF-8"?>
-<ASIIInventory excute="395" request="08/11/2015 15:45">
  -<Inventory SKU="159569">
    <ItemId>MZ-75E120B/AM</ItemId>
    -<Description>
      <![CDATA[Samsung SSD MZ-75E120B/AM 850 EVO-Series 120GB 2.5inch SATAIII Internal SSD Single Bare]]>
    </Description>
    <Vendor>Samsung Electronics America</Vendor>
    <Category>SD</Category>
    <SubCategory>181</SubCategory>
    <UPC>887276086064</UPC>
    <Price>78.33</Price>
    -<Rebate>
      <![CDATA[none]]>
    </Rebate>
    <Term>none</Term>
    <Weight>0.29</Weight>
    <Status>ACTIVE</Status>
    -<Qty>
      <Branch Name="Fremont" Code="1016">198</Branch>
      <Branch Name="Los Angeles" Code="1028">300</Branch>
      <Branch Name="Atlanta" Code="1116">89</Branch>
      <Branch Name="Chicago" Code="1216">270</Branch>
      <Branch Name="Dallas" Code="1316">0</Branch>
      <Branch Name="Kansas" Code="1516">0</Branch>
      <Branch Name="New Jersey" Code="1716">81</Branch>
      <Branch Name="Miami" Code="2416">0</Branch>
      <Branch Name="Portland" Code="2616">15</Branch>
      <Branch Name="DC" Code="1016">0</Branch>
    </Qty>
  </Inventory>
</ASIIInventory>
```

Example of failed response:

The transaction can fail for the following reasons.

1. No inventory found - This response means that the sku is either no longer active in our system or it is not a valid sku number.

```
<?xml version="1.0" ?>
-<ASIIInventory>
  -<error>
    <code>101</code>
    <message>No inventory found</message>
  </error>
</ASIIInventory>
```

2. Invalid certificate - The security certificate that you supplied in your query is incorrect.

```
<?xml version="1.0" ?>
```

```
- <ASIInventory>
  - <error>
    <code>102</code>
    <message>Invalid certificate.</message>
  </error>
</ASIInventory>
```

List of Error Codes:

Error Code	Error Description
101	No inventory found
102	Invalid certificate.

Note:

If an item belongs to the following product categories, ASI will only display the quantity as 'Available' or 'Not available' instead of a numerical value.

1. Hard Drives (HD)
2. Memory (ME)
3. CPUs (CPU)

ASI branch codes:

US branches

Fremont = 1016
Los Angeles = 1028
Atlanta = 1116
Chicago = 1216
Dallas = 1316
Kansas = 1516
New Jersey = 1716
Miami = 2416
Portland = 2616
Memphis = 3716

Canada branches

Toronto = 2216
Vancouver = 3116

Contact Us:

If you have any questions regarding this XML tool, please send an email to webmaster@asipartner.com along with your ASI account number and we'll get back to you as soon as possible.