

getInventory

Purpose

to allow external systems to access a list of inventory, different modes exist to allow for querying of multiple different stock types

Address

<http://www.ioperate.net/ext/inventory/inventory.asmx>

Sample Request

```
POST /ext/inventory/inventory.asmx HTTP/1.1
Host: www.ioperate.net
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://www.chrome52.com/inventoryws/"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <getInventory xmlns="http://www.chrome52.com/inventoryws/">
      <VendorCode>DMO</VendorCode>
      <VendorKey>ABCDEF654321</VendorKey>
      <SeasonCode>FA07</SeasonCode>
      <WHID>0001</WHID>
      <Mode>CIS</Mode>
    </getInventory>
  </soap:Body>
</soap:Envelope>
```

Request - Definitions

VendorCode	vendor code as assigned by ioperate
VendorKey	16 character access key as assigned by ioperate
SeasonCode	unique id that specifies the linelist you want to receive information on
WHID	4 digit code that specifies the warehouse you want results for
Mode	CIS - Current In Stock (Warehouse Shelf minus Unallocated Orders)
	ATS - Available to Sell (Warehouse Shelf plus Production minus Unallocated Orders)
	ATA - Available to Allocate (Warehouse Shelf)

NOTE: only quantities above 0 are returned

Sample Response

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
```

```

    xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
<soap:Body>
  <getInventoryResponse xmlns="http://www.chrome52.com/inventoryws/">
    <getInventoryResult>
      <Error>(string)</Error>
      <Result>SUCCESS</Result>
      <ItemDetail>
        <SKU>1000-BLK-L</SKU>
        <Quantity>3</Quantity>
      </ItemDetail>
      <ItemDetail>
        <SKU>1000-BLK-M</SKU>
        <Quantity>2</Quantity>
      </ItemDetail>
    </getInventoryResult>
  </getInventoryResponse>
</soap:Body>
</soap:Envelope>

```

Response - Definitions

Error	a description of the error that has occurred
Result	confirmation on whether the request succeeded or failed
ItemDetail/SKU	stock keeping unit - uniquely identifies product
ItemDetail/Quantity	number of units in the requested Mode