

# Items

## List items

Lists all items for a specified location code.

```
GET /api/InventoryControl/Items/?page=&resultsPerPage=&icLocationId=
```

### Parameters

Name	Type	Description
page	number	The zero-based page number to retrieve.
resultsPerPage	number	The total number of results to retrieve in a page.
icLocationId	string	The id for the inventory location.

### Response

Status: 200 OK

Link: <<https://accessgovernment.net/resource?page=2>>; rel="next",  
<<https://accessgovernment.net/resource?page=5>>; rel="last"

```
[{
  "Description": "Copper Wire",
  "Identity":
  {
    "ICItemId": "11b9c9b9-846e-482f-b61e-91602f5f3ce2",
    "ItemCode": "5004",

    "Url": "https://login.springbrooksoftware.com/Deployment/1?action=Object&object=ICItem
&recordId=11b9c9b9-846e-482f-b61e-91602f5f3ce2"
  },
  "Locations":
  [{
    "Aisle": "A",
    "Bin": "20",
    "ICItemLocationId": "39588455-8C60-44CA-9DF2-994976693D1D",
    "LocationIdentity":
    {
      "ICLocationId": "9FA0B372-4983-4A63-813F-4BD32B7F0030",
      "LocationCode": "Default",

      "Url": "https://login.springbrooksoftware.com/Deployment/1?action=Object&obje
ct=ICLocation&recordId=9FA0B372-4983-4A63-813F-4BD32B7F0030"
    }
  ]
}]
```

```
        "Shelf": "3"
    }],
    "Status": "Active",
    "Unit": "EA"
}]
```

### Gets a specific item.

GET /api/InventoryControl/Items/{id}

#### Parameters

Name	Type	Description
id	string	The id for the inventory item.

#### Response

Status: 200 OK

```
{
  "Description": "Copper Wire",
  "Identity":
  {
    "ICItemId": "11b9c9b9-846e-482f-b61e-91602f5f3ce2",
    "ItemCode": "5004",
    "Url": "https://login.springbrooksoftware.com/Deployment/1?action=Object&object=ICItem&recordId=11b9c9b9-846e-482f-b61e-91602f5f3ce2"
  },
  "Locations":
  [
    {
      "Aisle": "A",
      "Bin": "20",
      "ICItemLocationId": "39588455-8C60-44CA-9DF2-994976693D1D",
      "LocationIdentity":
      {
        "ICLocationId": "9FA0B372-4983-4A63-813F-4BD32B7F0030",
        "LocationCode": "Default",
        "Url": ""
      },
      "Shelf": "3"
    }
  ],
  "Status": "Active",
  "Unit": "EA"
}
```

### Gets the stock of an item at a location.

GET /api/InventoryControl/Items/Locations/{id}/stock

### Parameters

Name	Type	Description
id	string	The id for the item's location.

### Response

Status: 200 OK

```
{
  "AverageCost":250.00,
  "ICItemLocationId":"39588455-8C60-44CA-9DF2-994976693D1D",
  "ItemIdentity":
  {
    "ICItemId":"11b9c9b9-846e-482f-b61e-91602f5f3ce2",
    "ItemCode":"5004",

    "Url":"https://login.springbrooksoftware.com/Deployment/1?action=Object&object=ICItem
&recordId=11b9c9b9-846e-482f-b61e-91602f5f3ce2"
  },
  "LocationIdentity":
  {
    "ICLocationId":"9FA0B372-4983-4A63-813F-4BD32B7F0030",
    "LocationCode":"Default",
    "Url":""
  },
  "Quantity":100.00,
  "Value":253.00
}
```

### Gets all available vendors for an item.

GET /api/InventoryControl/Items/{id}/Vendors

### Parameters

Name	Type	Description
id	string	The id for the item.

### Response

Status: 200 OK

```
[{
  "Guarantee":
  {
    "ExpirationDate":"2015-06-20T00:00:00",
    "Price":250.00,
    "StartDate":"2015-05-20T00:00:00"
  },
  "IsPrimary":true,
  "ItemIdentity":
  {
    "ICItemId":"11b9c9b9-846e-482f-b61e-91602f5f3ce2",
    "ItemCode":"5004",

"Url":"https://login.springbrooksoftware.com/Deployment/1?action=Object&object=ICItem
&recordId=11b9c9b9-846e-482f-b61e-91602f5f3ce2"
  },
  "LastPrice":235.48,
  "LeadTime":10,
  "MinimumOrder":
  {
    "Increment":5.0,
    "Quantity":5.0
  },
  "Product":
  {
    "Code":"5004",
    "Description":"Bolts"
  },
  "Unit":"EA",
  "VendorIdentity":
  {
    "VendorCode":"0007",
    "VendorId":"9a9b777d-12fe-4926-ab7e-62a9d26a3003",

"Url":"https://login.springbrooksoftware.com:443/Deployment/%7B0%7D?action=Object&obj
ect=APVendor&recordId=9a9b777d-12fe-4926-ab7e-62a9d26a3003"
  }
}]
```

## 2. Locations

### Locations

#### List locations

Lists all locations for a specified location code.

GET /api/InventoryControl/Locations/?page=&resultsPerPage=

#### **Parameters**

Name	Type	Description
page	number	The zero-based page number to retrieve.
resultsPerPage	number	The total number of results to retrieve in a page.

### Response

Status: 200 OK

Link: <https://accessgovernment.net/resource?page=2>; rel="next",  
<https://accessgovernment.net/resource?page=5>; rel="last"

```
[{
  "Address 1": "123 1st Street",
  "Address 2": "Suite 321"
  "City ": "Portland"
  "Identity":
  {
    "ICLocationId":"9FA0B372-4983-4A63-813F-4BD32B7F0030",
    "LocationCode":"Default",
    "Url":""
  },
  "State": "OR",
  "Zip": "98765-4321"
}]
```

### 3. Transactions

## Transactions

### List transactions at a specified item location.

Lists all transactions for a specified item location.

GET

/api/InventoryControl/Items/Locations/{id}/Transactions?page=&resultsPerPage=

### Parameters

Name	Type	Description
id	string	The unique identifier for the item location.
page	number	The zero-based page number to retrieve.

Name	Type	Description
resultsPerPage	number	The total number of results to retrieve in a page.

### Response

Status: 200 OK

Link: <<https://accessgovernment.net/resource?page=2>>; rel="next",  
<<https://accessgovernment.net/resource?page=5>>; rel="last"

```
[{
  "ActionType":7,
  "ActivityType":"Admin",
  "CategoryCode":"Physical Inventory",
  "ChangeInQuantity":5.0000,
  "ChangeInValue":10.5000,
  "ItemIdentity":
  {
    "ICItemId":"5a71722d-2247-4428-8433-d89eef45e7a8",
    "ItemCode":"Power100",

    "Url":"https://login.springbrooksoftware.com/Deployment/1action=Object&object=ICItem&recordId=5a71722d-2247-4428-8433-d89eef45e7a8&slot=0"
  },
  "LocationIdentity":
  {
    "ICLocationId":"9FA0B372-4983-4A63-813F-4BD32B7F0030",
    "LocationCode":"Power Yard",
    "Url":""
  },
  "Quantity":0.0000,
  "TaskIdentity":
  {
    "Code":"1234-123",
    "PMTaskId":"c4010539-b481-42cf-b67f-43ae68505f39",

    "Url":"https://login.springbrooksoftware.com/Deployment/1?action=Object&object=PMTask&recordId=c4010539-b481-42cf-b67f-43ae68505f39"
  },
  "TaskType":"SG",
  "TransactionDate":"2011-07-01T00:33:32",
  "TransactionType":3,
  "Unit":"Ft",
  "Value":10.0000,
  "WorkOrderIdentity":
  {
    "WOMasterId":20ebba29-2c01-4f61-8b75-09a33a5d94f1,
    "WONumber":51,

    "Url":"https://login.springbrooksoftware.com/Deployment/1?action=Object&object=WOMaster&recordId=20ebba29-2c01-4f61-8b75-09a33a5d94f1"
  }
}]
```

```
}]
```

### Post Issue transactions at a specified item location.

Creates a new Issue transaction.

```
POST api/InventoryControl/Items/Locations/{id}/issues
```

Name	Type	Description
id	string	The unique identifier for the item location.
activityCode	string	The activity code for the transaction.
categoryCode	string	The category code for the transaction.
description	string	The description for the transaction.
quantity	number	The quantity for the transaction.
taskCode	string	The PM task code for the transaction.
typeCode	string	The PM type code for the transaction.
transactionDate	datetime	The date of the transaction.
unit	string	The unit type for the transaction.
woNumber	number	The Work Order number for the transaction.

### Response

```
Status: 201 Created
```

```
Location: https://accessgovernment.net/api/InventoryControl/items/locations/4ff16bb9-c034-4801-9059-6b4b38f78b89/issues
```

### Post Physical Inventory transactions at a specified item location.

Creates a new Physical Inventory transaction.

POST api/InventoryControl/Items/Locations/{id}/PhysicalInventory

Name	Type	Description
id	string	The unique identifier for the item location.
quantity	number	The quantity counted for the item in a location.

### **Response**

Status: 201 Created

Location: <https://accessgovernment.net/api/InventoryControl/items/locations/4ff16bb9-c034-4801-9059-6b4b38f78b89/physicalinventory>

### **Post Receipt transactions at a specified item location.**

Creates a new Receipt transaction.

POST api/InventoryControl/Items/Locations/{id}/receipts

Name	Type	Description
id	string	The unique identifier for the item location.
categoryCode	string	The category code for the transaction.
description	string	The description for the transaction.
discount	number	The discount for the transaction.
quantity	number	The quantity for the transaction.
shippingAndHandling	number	The shipping and handling costs for the transaction.
tax	number	The tax for the transaction.
transactionDate	datetime	The date of the transaction.



Name	Type	Description
unit	string	The unit type for the transaction.
unitPrice	number	The unit price for the transaction.

### **Response**

Status: 201 Created

Location: <https://accessgovernment.net/api/InventoryControl/items/locations/4ff16bb9-c034-4801-9059-6b4b38f78b89/receipts>

### **Post Stock Return transactions at a specified item location.**

Creates a new Stock Return transaction.

POST `api/InventoryControl/Items/Locations/{id}/stockreturns`

Name	Type	Description
id	string	The unique identifier for the item location.
activityCode	string	The activity code for the transaction.
categoryCode	string	The category code for the transaction.
description	string	The description for the transaction.
quantity	number	The quantity for the transaction.
taskCode	string	The PM task code for the transaction.
typeCode	string	The PM type code for the transaction.
transactionDate	datetime	The date of the transaction.
unit	string	The unit type for the transaction.

Name	Type	Description
unitPrice	number	The unit price for the transaction.
woNumber	number	The Work Order number for the transaction.

### **Response**

Status: 201 Created

Location: <https://accessgovernment.net/api/InventoryControl/items/locations/4ff16bb9-c034-4801-9059-6b4b38f78b89/stockreturns>

### **Post Vendor Return transactions at a specified item location.**

Creates a new Vendor Return transaction.

POST [api/InventoryControl/Items/Locations/{id}/vendorreturns](https://accessgovernment.net/api/InventoryControl/Items/Locations/{id}/vendorreturns)

Name	Type	Description
id	string	The unique identifier for the original transaction.
apVendorId	string	The unique identifier for the AP Vendor.
categoryCode	string	The category code for the transaction.
description	string	The description for the transaction.
quantity	number	The quantity for the transaction.
transactionDate	datetime	The date of the transaction.
unit	string	The unit type for the transaction.

### **Response**

Status: 201 Created

Location: <https://accessgovernment.net/api/InventoryControl/items/locations/1a3402d4-79e2-47be-9f94-0c5af8bdf81f/vendorreturns>

## 4. Settings

### Settings

#### List settings for the Inventory Control application.

Lists all the settings for Inventory Control.

```
GET /api/InventoryControl/inventorysettings
```

#### **Response**

```
Status: 200 OK
```

```
[{  
  "SupportsProjectManagement":true,  
  "SupportsWorkOrders":"false"  
}]
```