



iQ Tech – Integration API v2.7.0
Organization and Managing Organization

Confidential

Table of Contents

API Preface -----	1
Employee -----	3
POST- /api/5.0/Employee	
Machine Information -----	4
GET- /api/5.0/Organization/GetOrganizationMachinePlanogramDetails Machine	//Single
GET- /api/5.0/Organization/GetOrganizationMachinePlanogramDetails	//All Machines

1 API Preface

1.1 Authentication

Auth Type - OAuth 2.0

Grant Type- Client Credentials

Authentication method for pre-authorized external applications to consume IQ Tech Portal APIs that are exposed. API needs to supply the following to get the auth token

- Need to enter a unique Client Identifier
- Need a secret key

1.2 authBaseUrl

Production - <https://account.iqtechportal.com/>

1.3 Token

{{authBaseUrl}}/connect/token

Example:

```
curl --location --
request POST 'https://account.iqtechportal.com/connect/token' \
--header 'Authorization: Bearer null' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'grant_type=client_credentials' \
--data-urlencode 'client_id=xxxx' \
--data-urlencode 'client_secret=xxxxx'
```

1.4 Integration URL

Production - <https://integration.iqtechportal.com/>

1.5 Language

English – 0

Spanish – 1

French – 2

1.6 Limitations

All GET calls with the page parameter will need pagination, the limit per page is 100.

2 Employee

2.1 POST – api/5.0/Employee

2.1.1 {{IntegrationURL}}/api/5.0/Employee

POST: <https://integration.iqtechportal.com/api/5.0/Employee>

2.1.2 Parameters

N/A

2.1.3 Request Body Example

```
{
  "department": "string", //Required
  "firstName": "string", //Required
  "lastName": "string", //Required
  "employeeNumber": "string", //Required
  "email": "string"
  "badge": "string",
  "language": 0, //see section 1.5 for available options
  "active": true,
  "isVTAdmin": true,
  "pinOption": "string",
  "ignoreFingerPrint": true,
  "managerEmail": "string",
  "clearPin": true,
  "resetPin": true,
  "oldPin": "string",
  "suspendUntil": "2024-03-26T21:25:06.138Z",
  "suspenduntilString": "string",
  "isSuspended": true,
}
```

2.1.4 Response Examples

200 Ok

```
{
  "isSuccess": true,
  "success": null,
  "errors": null,
  "error": null,
  "exception": null
}
```

500 Internal Server Error

```
{
  "isSuccess": false,
  "success": null,
  "errors": null,
  "error": {
```

```
"errorId": 500,  
"message": "Employee number already exists!"  
},
```

3 Machine Information

4.1 GET- /api/5.0/Organization/GetOrganizationMachinePlanogramDetails

//Single Machine

4.1.1 {{IntegrationURL}}/api/5.0/Organization/GetOrganizationMachinePlanogramDetails

```
GET:  
https://integration.iqtechportal.com/api/5.0/Organization/GetOrganizationMachinePlanogramDetails?serialNo=WTN0000000
```

4.1.2 Parameters

serialNo

4.1.3 Request Body Example

N/A

4.1.4 Response Example

```
{  
  "result": {  
    "items": [  
      {  
        "machine": {  
          "machineName": " Test Machine Waukee Touchscreen",  
          "controlBoardSerialNo": "WTN42246643220217481",  
          "machineSerialNo": null,  
          "location": "Waukee Test Office",  
          "machineType": 2,  
          "status": true,  
          "lastActivity": "2024-04-24T16:06:57.6305139",  
          "controlBoardVersion": "5161"  
        },  
        "machinePlanogram": [  
          {  
            "selection": "100",  
            "productName": "Binder clips- Medium",  
            "productItemNumber": "5678",  
            "criticalLevel": 5,  
            "lowLevel": 6,  
          }  
        ]  
      }  
    ]  
  }  
}
```

```

        "parLevel": 0,
        "maxDepth": 15,
        "currentCount": 2,
        "price": "0.00"
    }
  ]
},
{
  "machine": {
    "machineName": "Virtual Tracker Example",
    "controlBoardSerialNo": "WTNVMMUEkdEMgJe",
    "machineSerialNo": null,
    "location": "Testing Machines",
    "machineType": 3,
    "status": true,
    "lastActivity": "2023-07-17T16:40:40.045444",
    "controlBoardVersion": null
  },
  "machinePlanogram": [
    {
      "selection": "100",
      "productName": "Binder clips- Medium",
      "productItemNumber": "5678",
      "criticalLevel": 0,
      "lowLevel": 0,
      "parLevel": 0,
      "maxDepth": 0,
      "currentCount": 31,
      "price": "0.00"
    }
  ]
}
],
"metaData": {
  "firstItemOnPage": 1,
  "hasNextPage": true,
  "hasPreviousPage": false,
  "isFirstPage": true,
  "isLastPage": false,
  "lastItemOnPage": 2,
  "pageCount": 7,
  "pageNumber": 1,
  "pageSize": 2,
  "totalItemCount": 13,
  "thisPageItemCount": 2,
  "itemStart": 1,
  "itemEnd": 2
}
},
"isSuccess": true,
"success": null,
"errors": null,
"error": null,
"exception": null
}

```

4.2 GET- /api/5.0/Organization/GetOrganizationAllMachinePlanogramDetails

//All machines

4.2.1 {{IntegrationURL}}/api/5.0/Organization/GetOrganizationAllMachinePlanogramDetails

```
https://integration.iqtechportal.com/api/5.0/Organization/GetOrganizationAllMachinePlanogramDetails?page=1&pageSize=20
```

4.2.2 Parameters

page
pageSize

4.2.3 Request Body Example

N/A

4.2.4 Response Example

```
{
  "result": {
    "items": [
      {
        "machine": {
          "machineName": " Test Machine Waukee Touchscreen",
          "controlBoardSerialNo": "WTN42246643220217481",
          "machineSerialNo": null,
          "location": "Waukee Test Office",
          "machineType": 2,
          "status": true,
          "lastActivity": "2024-04-24T16:06:57.6305139",
          "controlBoardVersion": "5161"
        },
        "machinePlanogram": [
          {
            "selection": "100",
            "productName": "Binder clips- Medium",
            "productItemNumber": "5678",
            "criticalLevel": 5,
            "lowLevel": 6,
            "parLevel": 0,
            "maxDepth": 15,
            "currentCount": 2,
            "price": "0.00"
          }
        ]
      }
    ],
    {
      "machine": {
        "machineName": "Virtual Tracker Example",
        "controlBoardSerialNo": "WTNVMMUEkdEMgJe",
        "machineSerialNo": null,
        "location": "Testing Machines",
        "machineType": 3,
        "status": true,
        "lastActivity": "2023-07-17T16:40:40.045444",
        "controlBoardVersion": null
      }
    }
  }
}
```

```
    },
    "machinePlanogram": [
      {
        "selection": "100",
        "productName": "Binder clips- Medium",
        "productItemNumber": "5678",
        "criticalLevel": 0,
        "lowLevel": 0,
        "parLevel": 0,
        "maxDepth": 0,
        "currentCount": 31,
        "price": "0.00"
      }
    ]
  },
  "metaData": {
    "firstItemOnPage": 1,
    "hasNextPage": false,
    "hasPreviousPage": false,
    "isFirstPage": true,
    "isLastPage": true,
    "lastItemOnPage": 1,
    "pageCount": 1,
    "pageNumber": 1,
    "pageSize": 20,
    "totalItemCount": 13,
    "thisPageItemCount": 13,
    "itemStart": 1,
    "itemEnd": 13
  }
},
"isSuccess": true,
"success": null,
"errors": null,
"error": null,
"exception": null
}
```