Work Centre Group 8.7.0 - 9.0.x

24/10/2025 2:16 pm BST

Relates to version

Tags: 8.0

Versions

Versions this documentation is relevant for:

- *8.7.0 - 9.0.x: This document*
- *9.1.0+*

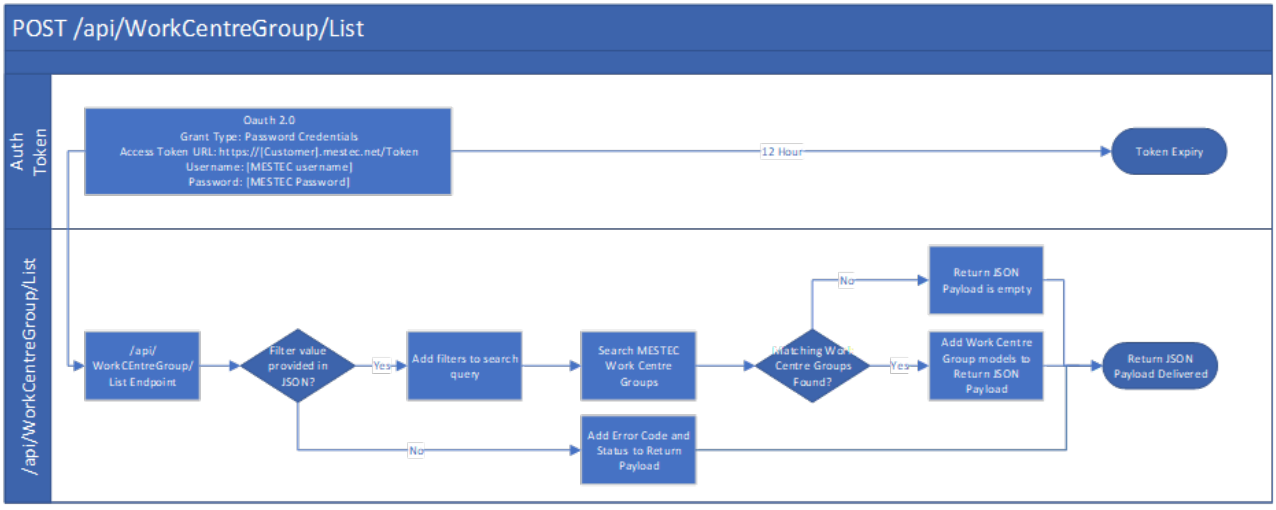
List

The Work Centre Group – List API call reads existing Work Centre Groups from Eyelit MES. The data can be filtered based on the parameters passed in the body/payload of the JSON packet giving the flexibility to search for one or multiple Work Centre Groups.

Using the Work Centre Group – List API call has no impact on the data within the given Eyelit MES application, it is read-only.

Figure 1 shows the logic used within the Work Centre Group – List API call.

Figure 1 - Logic within WorkCentreGroup/List API Call



Data Prerequisites

There is no data required in Eyelit MES-M to act as a pre-requisite to make the API call to list Work Centre Groups. If parameters are passed in through the body that return no valid results, an empty payload will be returned.

Request

Table 1 shows the method and endpoint required to make the API call to list Work Centre Groups.

Table 1 - Outbound Message Detail for Work Centre Group - List

Method	URL Structure	Endpoint
POST	https://[environment].mestec.net	/api/WorkCentreGroup/List

The body of the payload should follow the format below.

Figure 2- JSON Structure for WorkCentreGroup- List

```
{
  "id": 0,
  "suid": "string",
  "name": "string",
  "isControlled": true,
  "WorkCentres": [
        "string"
    ]
}
```

See Table 2 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 2 - Parameter Information for Work Centre Group - List1

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
ID	workcentregroup.id	NUMBER	No	N/A	Exact
SUID	workcentregroup.suid	VARCHAR2(500)	No	No	Exact
Name	workcentregroup.name	VARCHAR2(200)	No	No	Exact
isControlled	workcentregroup.iscontrolled	NUMBER(1,0)	No	No	
WorkCentres	workcentre.name	JSON Array - String	No		

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To list Work Centre Groups where the name is equal to CNC Machines:

JSON sample for WorkCentreGroup- List

```
{
  "name": "CNC Machines"
}
```

Response

When using the Work Centre Group – List API call, if any data has been found in Eyelit MES-M that meets the parameter values passed in the original payload, a JSON payload will be returned containing data in the following structure:

JSON Structure for WorkCentreGroup- List

```
[
  {
    "id": 0,
    "suid": "string",
    "name": "string",
    "isControlled": true,
    "WorkCentres": [
        "string"
      ]
  }
]
```


Sample Response

See below for sample use cases with examples of the JSON payload format returned.

No results were found that matched given parameters:


```
[]
```


Multiple Work Centre Groups were found that matched given parameters:

JSON response for WorkCentreGroup- List


```
[
  {
    "id": 10,
    "name": "Controlled Liquids",
    "isControlled": true,
    "Workcentres": [
        "workcenter_1",
        "workcenter_2"
       ]

  },
  {
    "id": 28,
    "name": "Controlled Sub Class A",
    "isControlled": true,
    "Workcentres": [
        "Test_workcenter_1",
        "Test_workcenter_2"
       ]

  }
]
```

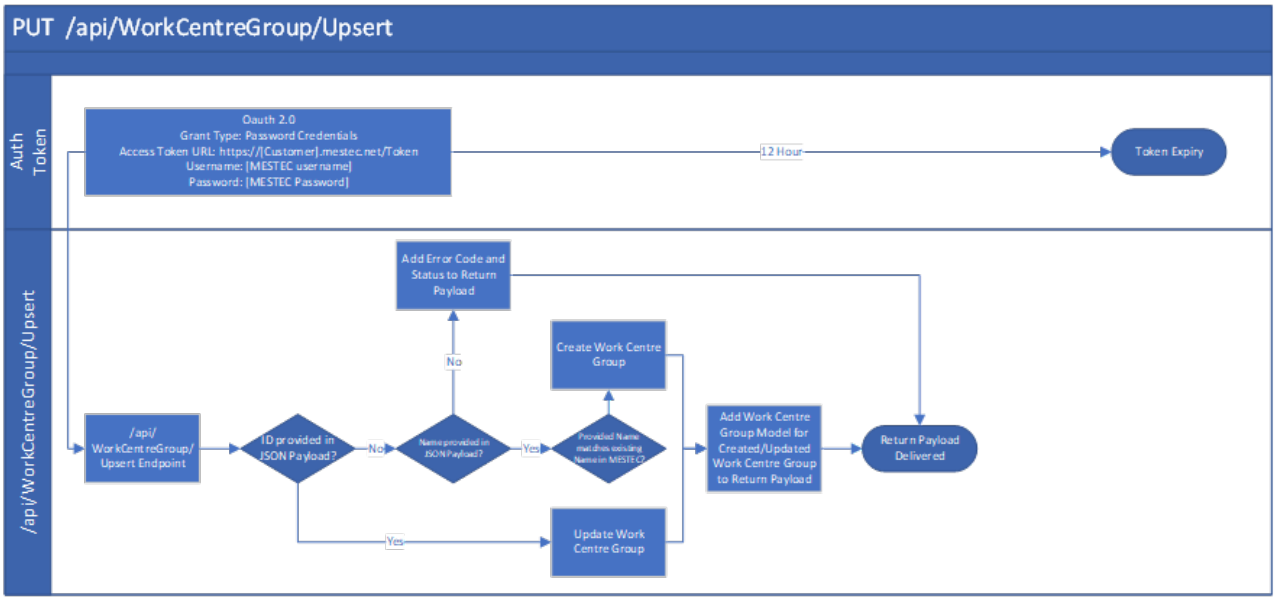

Upsert

The Work Centre Group – Upsert API call checks if a Work Centre Type with the given ID already exists. If it does, appropriate fields are updated in the matching Work Centre in Eyelit MES-M.

If no ID is provided, then a new Work Centre Group is created.

Figure 2 shows the logic used within the Work Centre Group – Upsert API call.

Figure 2 - Logic within Work CentreGroup-Upsert API Call



Data Prerequisites

There is no data required in Eyelit MES-M to act as a pre-requisite to make the API call to upsert Work Centre Groups. If parameters are passed in through the body that return no valid results a new Work Centre group will be created, otherwise the Work Centre Group identified will be updated.

Request

Table 3 shows the method and endpoint required to make the API call to list Work Centre Groups.

Table 3 - Outbound Message Detail for Work Centre Group - Upsert

Method	URL Structure	Endpoint
PUT	https://[environment].mestec.net	/api/WorkCentreGroup/Upsert

The body of the payload should follow the format below.

Figure 7- JSON Structure for WorkCentreGroup- Upsert

```
[
  {
    "id": 0,
    "suid": "string",
    "name": "string",
    "isControlled": true,
    "WorkCentres": [
        "string"
      ]
  }
]
```

See Table 4 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 4 - Parameter Information for Work Centre Group - Upsert

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type

ID	Work Centregroup.id	NUMBER	No2	N/A	Exact
SUID	workcentregroup.suid	VARCHAR2(500)	No	No	Exact
Name	Work Centregroup.name	VARCHAR2(250 BYTE)	No	N/A	N/A
isControlled	workcentregroup.iscontrolled	NUMBER(1,0)	No3	No	
WorkCentres	workcentre.name	JSON Array - String	No		

Note: For any fields where the match type is 'Like ', a percent symbol should be used as a wildcard character to indicate a number of characters within the given string.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To create a new Work Centre Group .

```
{
  "name": "Controlled Sub Class A",
  "isControlled": true
}
```

To update name and SUID by ID.

```
{
  "id": 28,
  "name": "Controlled Products - Sub Class A",
  "SUID": "Products that are controlled within Sub Class A"
}
```

Response

When using the Work Centre Group – Upsert API call, if a Work Centre Group has been Created or Updated a JSON payload will be returned containing data in the following structure:

```
[
  {
    "id": 0,
    "name": "string",
    "SUID": "string",
    "isControlled": true

  }
]
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

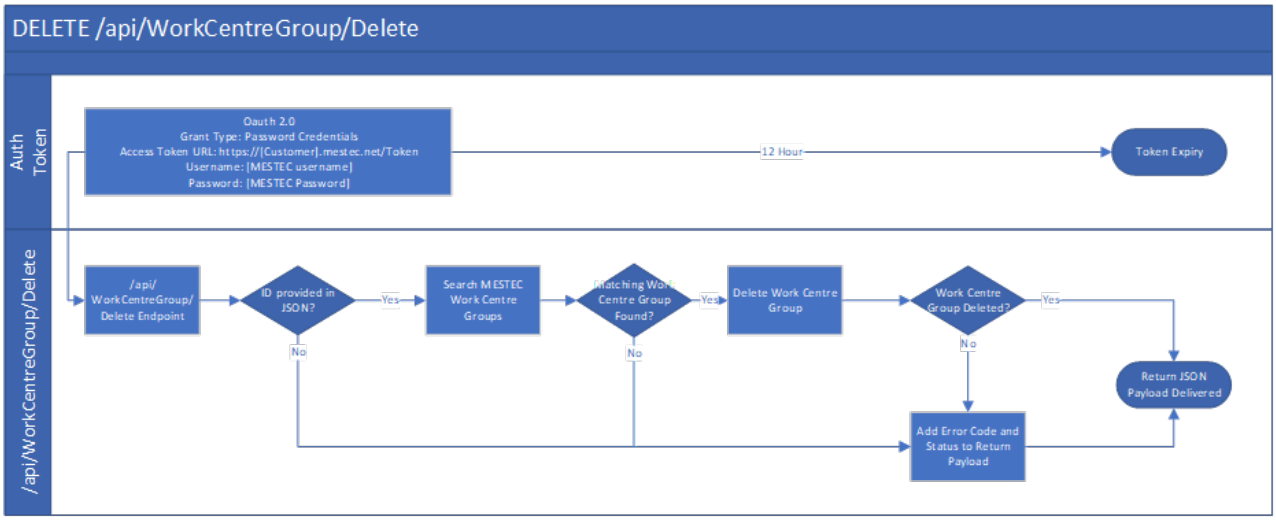
```
[
  {
    "id": 28,
    "name": "Controlled Sub Class A",
    "SUID": "Products that are controlled within sub class A"
    "isControlled": true

  }
]
```


Delete

The Work Centre Group – Delete API call attempts to delete a Work Centre Group. A Work Centre Group can be deleted as long as there are no Work Centres currently assigned to the Work Centre Group.

Figure 3 shows the logic used within the Work Centre Group – Delete API call.

Figure 3 - Logic within Work CentreGroup/Delete API Call



Data Prerequisites

In order to delete a Work Centre Group, the Work Centre Group must exist in Eyelit MES-M.
The Work Centre Group must have no Work Centres currently assigned.

Request

Table 5 shows the method and endpoint required to make the API call to list Work Centre Groups.

Table 5 - Outbound Message Detail for Work Centre Group - Delete

Method	URL Structure	Endpoint
DELETE	https://[environment].mestec.net	/api/WorkCentreGroup/Delete

The body of the payload should follow the format below.


```
{
  "id": 0
}
```

See Table 6 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 6 - Parameter Information for Work Centre Group - Delete

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
ID	Work Centregroup.id	NUMBER	Yes	N/A	Exact

Note: For any fields where the match type is 'Like', a percent symbol should be used as a wildcard character to indicate a number of characters within the given string.

Sample Request

See below for sample use cases with examples of the JSON payload format required.

Delete by ID

```
{
  "id": 28
}
```

Response

When using the Work Centre Group – Delete API call, if a Work Centre Group has been Deleted a 200 status response will be returned.