

# SaveOrganizationEntitiesWithToken (POST)

## Overview

This POST API can be used to capture new additions in organization details from ERP into SMART by GEP, that can be used as reference in P2P transactions.

URL Format: <https://<Instance>/SmartBulkInterfaceAPI/api/Organization/OrgEntities>

## Request

```
[
  {
    "entityType": "string",
    "name": "string",
    "code": "string",
    "lobEntityCode": "string",
    "lobEntityType": "string",
    "parentEntityType": "string",
    "parentEntityCode": "string",
    "isActive": true,
    "parentEntityCodes": [
      "string"
    ],
    "isUpdateParentEntities": true,
    "isMapToAllChildEntity": true,
    "isMapToAllParentEntity": true,
    "address": {
      "addressLine1": "string",
      "addressLine2": "string",
      "addressLine3": "string",
      "city": "string",
      "stateCode": "string",
```

```

        "stateOther": "string",
        "countryCode": "string",
        "zipCode": "string",
        "faxNo": "string",
        "phoneNo": "string",
        "phoneOther": "string",
        "phoneExtension": "string",
        "phoneOtherExtension": "string",
        "county": "string",
        "poBoxNumber": "string"
    }
}
]

```

## Response

```

{
  "statusCode": 202,
  "url": "string",
  "batchID": "string",
  "interval": 0,
  "interval Type": "string",
  "receivedCount": 0
}

```

## Data Elements

1 OrganizationEntity					
S.No.	Property	Required?	Data type	Description	Validations/Exceptions
1.1	EntityType	Yes	String(50)	Entity Type of the entity	<ul style="list-style-type: none"> <li>Max length is 50</li> <li>Invalid Entity Type</li> <li>EntityType is mandatory</li> </ul>
1.2	Name	Yes	String(100)	Name of the entity	<ul style="list-style-type: none"> <li>Max length is 100</li> <li>EntityName is mandatory</li> </ul>

1.3	Code	Yes	String(50)	Code of the entity	<ul style="list-style-type: none"> <li>Max length is 50</li> <li>No OrgEntity Code found</li> <li>EntityCode is mandatory</li> </ul>
1.4	LOBEntityCode	Yes	String	Line of Business Entity Code of the entity	<ul style="list-style-type: none"> <li>Invalid LOB Entity Code</li> <li>LOBEntityCode is required</li> </ul>
1.5	LOBEntityType	Yes	String	Line of Business Entity Type of the entity	<ul style="list-style-type: none"> <li>Invalid LOB Entity Type</li> <li>LOBEntityType is required</li> </ul>
1.6	ParentEntityType	Yes	String(50)	Parent Entity Type of the entity	<ul style="list-style-type: none"> <li>Max length for ParentEntityType is 50</li> <li>ParentEntitytype is mandatory</li> <li>Invalid Parent Entity Type</li> </ul>
1.7	ParentEntityCode	Yes	String	Parent Entity Code of the entity	<ul style="list-style-type: none"> <li>Max length for ParentEntityCode is 50</li> <li>ParentEntityCode is mandatory</li> <li>Invalid Parent Entity Code</li> </ul>
1.8	ParentEntityCodes	No	List of String	Parent Entity Codes of the entity	
1.9	IsActive	No	Boolean	Status of the entity if active or not	
1.10	IsUpdateParentEntities	No	Boolean	Status of the updates of parent entity if active or not	
1.11	IsMapToAllchildEntity	No	Boolean		
1.12	IsMapToAllParentEntity	No	Boolean	Status of the parent entity if active or not	
1.13	Address	No	Address object	Check data type Address for details	

### 1.13 Address

S.No.	Property	Required?	Data type	Description	Validations / Exceptions
1.13.1	AddressLine1	Yes	String (500)	Address line 1 of the entity	<ul style="list-style-type: none"> <li>AddressLine1 is mandatory</li> <li>Max length for AddressLine1 is 500</li> </ul>
1.13.2	City	Yes	String (50)	City of the entity	<ul style="list-style-type: none"> <li>City is mandatory</li> <li>Max length for City is 50</li> </ul>
1.13.3	CountryCode	Yes	String (2)	Country code of the entity	<ul style="list-style-type: none"> <li>CountryCode is mandatory</li> <li>Max length for CountryCode is 2</li> <li>Invalid Country</li> </ul>
1.13.4	StateCode	Yes	String (10)	State code of the entity	<ul style="list-style-type: none"> <li>StateCode is mandatory</li> <li>Max length for StateCode is 10</li> <li>Invalid State</li> </ul>
1.13.5	ZipCode	Yes	String (10)	Zip code of the entity	<ul style="list-style-type: none"> <li>ZipCode is mandatory</li> <li>Max length for ZipCode is 10</li> </ul>

1.13.6	AddressLine2	No	String	Address line 2 of the entity	<ul style="list-style-type: none"> <li>Max length for AddressLine2 is 500</li> </ul>
1.13.7	AddressLine3	No	String (100)	Address line 3 of the entity	<ul style="list-style-type: none"> <li>Max length for AddressLine3 is 100</li> </ul>
1.13.8	FaxNo	No	String (20)	Fax number of the entity	<ul style="list-style-type: none"> <li>Max length for FaxNo is 20</li> <li>Special characters and spaces are not allowed for Fax number except these +(-./)#@&amp;</li> </ul>
1.13.9	PhoneExtension	No	String	Phone extension of the entity	<ul style="list-style-type: none"> <li>Max length for PhoneExtension is 10</li> </ul>
1.13.10	PhoneNo	No	String	Phone number of the entity	<ul style="list-style-type: none"> <li>Max length for PhoneNo is 50</li> <li>Special characters and spaces are not allowed for phone except these +(-./)#@&amp;</li> </ul>
1.13.11	PhoneOther	No	String (20)	Phone 2 of the entity	<ul style="list-style-type: none"> <li>Max length for PhoneOther is 20</li> <li>Special characters and spaces are not allowed for PhoneOther except these +(-./)#@&amp;</li> </ul>
1.13.12	PhoneOtherExtension	No	String	Phone 2's extension of the entity	<ul style="list-style-type: none"> <li>Max length for PhoneOtherExtension is 10</li> </ul>
1.13.13	StateOther	No	String	State name (in case of others) of the entity	<ul style="list-style-type: none"> <li>Max length for StateOther is 50</li> </ul>
1.13.14	PoBoxNumber	No	String		
1.13.15	County	No	String (50)	County of the address	<ul style="list-style-type: none"> <li>Max length for County is 50</li> </ul>

## Examples

### Success Scenario – Request

Below request only contains mandatory attributes:

```
[
  {
    "Code": "85f45437-42da-45af-9660-19670f3cb8c0",
    "EntityType": "Division",
    "IsActive": "true",
    "IsUpdateParentEntities": "false",
    "LOBEntityCode": "SAP_PC2",
    "LOBEntityType": "Division",
    "ParentEntityCode": "9500",
    "Name": "9a449236-5de4-4f3a-a161-5d0691a7dedd",
```

```
    "ParentEntityCodes": [
      "9500"
    ],
    "ParentEntityType": "Division",
    "isMapToAllChildEntity": "false",
    "isMapToAllParentEntity": "false"
  }
]
```

## Success Scenario – Response

```
{
  "statusCode": 202,
  "url": "https://api-smartdev.gep.com/SmartBulkInterfaceAPI/api/BulkResult/GetBulkResult?batchId=b5ae83cd486344cca1da7fa171cfeeb0",
  "batchID": "b5ae83cd486344cca1da7fa171cfeeb0",
  "interval": 60,
  "interval Type": "Seconds",
  "receivedCount": 1000
}
```

## Error Scenario – Request

Request below describes if we provide incorrect input data: (400 – Bad Request)

```
[
  {
    "Code": "85f45437-42da-45af-9660-19670f3cb8c0",
    "EntityType": "Division",
    "IsActive": "true",
    "IsUpdateParentEntities": "false",
    "LOBEntityCode": "SAP_PC2",
    "LOBEntityType": "Division",
  }
]
```

```
"ParentEntityCode": "9500",
"Name": "9a449236-5de4-4f3a-a161-5d0691a7dedd",
"ParentEntityCodes": [
  "9500"
],
"ParentEntityType": "Division",
"isMapToAllChildEntity": "false",
"isMapToAllParentEntity": "false"
}
]
```

## Error Scenario – Response

```
{
  "[999]": [
    "JsonToken EndArray is not valid for closing JsonType Object. Path '[999]', line 14002, position 1.",
    "Unexpected end when deserializing array. Path '[999]', line 14002, position 1."
  ]
}
```