

GetCatalogDetails (POST)

Overview

This POST API allows pushing catalog details posted in ERP into SMART by GEP for further processing.

URL Format: <https://<Instance>/SmartInterfaceAPI/api/Catalog/CatalogDetails>

Request

```
[
  {
    "catalogNumber": "string",
    "contractNumber": "string",
    "sourceSystemName": "string",
    "dateExpiry": "2020-01-22T09:14:53.576Z",
    "startDate": "2020-01-22T09:14:53.576Z",
    "partnerCode": "string",
    "lstCatalogItem": [
      {
        "lineNumber": 0,
        "buyerItemNumber": "string",
        "supplierItemNumber": "string",
        "supplierPartNumber": "string",
        "shortDescription": "string",
        "description": "string",
        "unspsc": "string",
        "isActive": true,
        "itemSpecification": "string",
        "minimumOrderQuantity": 0,
        "maximumOrderQuantity": 0,
        "manufacturer": "string",
```

```
"manufacturerPartNumber": "string",
"manufacturerModelNumber": "string",
"gtin": "string",
"banding": 0,
"relatedKeywords": "string",
"imageFileName": "string",
"itemType": "string",
"itemExtendedType": "string",
"orgEntities": [
  {
    "entityCode": "string",
    "isDefault": true,
    "entityType": "string",
    "lobEntityCode": "string"
  }
],
"lstCatalogItemPartner": [
  {
    "contractNumber": "string",
    "partnerCode": "string",
    "leadTime": 0,
    "isActive": true,
    "isTaxExempt": true,
    "lstCatalogItemPartnerUOM": [
      {
        "uom": "string",
        "supportedUOM": "string",
        "unitPrice": 0,
        "pricePerSupportedUOM": "string",
        "currencyCode": "string",
        "conversionFactorsWRTDefaultUOM": "string"
      }
    ]
  }
]
```

```
]
}
]
}
```

Response

```
{
  "data":
  [
    {
      "catalogNumber": "string",
      "contractNumber": "string",
      "sourceSystemName": "string",
      "dateExpiry": "2020-01-22T09:14:53.576Z",
      "startDate": "2020-01-22T09:14:53.576Z",
      "partnerCode": "string",
      "lstCatalogItem": [
        {
          "lineNumber": 0,
          "buyerItemNumber": "string",
          "supplierItemNumber": "string",
          "supplierPartNumber": "string",
          "shortDescription": "string",
          "description": "string",
          "unspsc": "string",
          "isActive": true,
          "itemSpecification": "string",
          "minimumOrderQuantity": 0,
          "maximumOrderQuantity": 0,
          "manufacturer": "string",
          "manufacturerPartNumber": "string",
          "manufacturerModelNumber": "string",
```

```
"gtin": "string",
"banding": 0,
"relatedKeywords": "string",
"imageFileName": "string",
"itemType": "string",
"itemExtendedType": "string",
"orgEntities": [
  {
    "entityCode": "string",
    "isDefault": true,
    "entityType": "string",
    "lobEntityCode": "string"
  }
],
"lstCatalogItemPartner": [
  {
    "contractNumber": "string",
    "partnerCode": "string",
    "leadTime": 0,
    "isActive": true,
    "isTaxExempt": true,
    "lstCatalogItemPartnerUOM": [
      {
        "uom": "string",
        "supportedUOM": "string",
        "unitPrice": 0,
        "pricePerSupportedUOM": "string",
        "currencyCode": "string",
        "conversionFactorsWRTDefaultUOM": "string"
      }
    ]
  }
]
}
```

```

    ]
  },
  "statusCode": "String",
  "errorDetails": [
    {
      "key": "string",
      "errors": [
        {
          "errorCode": "string",
          "errorDescription": "string"
        }
      ]
    }
  ],
  "successDetails": [
    {
      "key": "String"
    }
  ]
}

```

Data Elements

Get Catalog details				
Property	Required?	Data type	Description	Validations/Exceptions
Data		List of BillToLocation object		
StatusCode		String		
ErrorDetails		List of ErrorModel object		
SuccessDetails		List of SuccessModel object		

Data				
Property	Required?	Data type	Description	Validations/Exceptions
CatalogNumber	Yes	String	Catalog Number of entities	<ul style="list-style-type: none"> Catalog Items data is missing

LstCatalogItem	Yes	List of CatalogItem object		
ContractNumber	No	String	Contract Number of entities	<ul style="list-style-type: none"> Invalid Contract Number (Contract Number)
SourceSystemName	No	String	Source System Name of entity	<ul style="list-style-type: none"> Invalid Source System
DateExpiry	No	DateTime		
StartDate	No	DateTime		
PartnerCode	No	String	Note: Client Partner Code must be unique from the <CLIENT NAME> systems, so if there are duplicates within the service layer, the SSID will have to be appended to the Client Partner Code, and the resulting value will be Client Partner Code-SSID	<ul style="list-style-type: none"> Partner Code is mandatory Max length for Partner Code is 100

LstCatalogItem				
Property	Required?	Data type	Description	Validations/Exceptions
LineNumber	Yes	Long	Line Number of entities	<ul style="list-style-type: none"> Line Number is missing For one or more catalog items, line number or buyer item number or supplier item number is missing
BuyerItemNumber	Yes	String	Buyer Item Number of entities	<ul style="list-style-type: none"> Buyer Item Number is missing
SupplierItemNumber	Yes	String	Supplier Item Number of entities	<ul style="list-style-type: none"> Supplier Item is missing
SupplierPartNumber	No	String	Supplier Part Number of entity	
ShortDescription	No	String	Short Description	
Description	No	String	Description of entity	
UNSPSC	No	String	UNSPSC of entity	
IsActive	No	Bool	Status of the entity if active or not	
ItemSpecification	No	String	Item Specification	
MinimumOrderQuantity	No	Decimal	Minimum Order Quantity of entity	
MaximumOrderQuantity	No	Decimal	Maximum Order Quantity of entity	
Manufacturer	No	String	Manufacturer of entity	
ManufacturerPartNumber	No	String	Manufacturer Part Number of entity	
ManufacturerModelNumber	No	String	Manufacturer Model Number of entities	
GTIN	No	String	GTIN of entity	
Banding	No	Int	Banding of entity	
RelatedKeywords	No	String	Related Keywords of entity	
ImageFileName	No	String	Image File Name of entity	

ItemType	No	String	ItemType of entity	
ItemExtendedType	No	String		
OrgEntities	No	List of OrgEntities object	Check data type Org Entity for details	
LstCatalogItemPartner	No	List of CatalogItemPartner object	Check data type Catalog Item Partner	

OrgEntities				
Property	Required?	Data type	Description	Validations/Exceptions
EntityCode	No	String	Entity Code of the entity	<ul style="list-style-type: none"> Validation- Invalid Entity Code
IsDefault	No	Boolean	A flag used to denote if entity is the default or not	
EntityType	No	String	Entity Type of the entity	<ul style="list-style-type: none"> Validation- Invalid Entity Type
LOBEntityCode	NO	String	Lob Entity Code of the entity	<ul style="list-style-type: none"> Validation- Invalid LOBEntityCode

LstCatalogItemPartner				
Property	Required?	Data type	Description	Validations/Exceptions
ContractNumber	No	String	Contract Number of the entity	<ul style="list-style-type: none"> Invalid Contract Number
PartnerCode	No	String	Note: Client Partner Code must be unique from the <CLIENT NAME> systems, so if there are duplicates within the service layer, the SSID will have to be appended to the Client Partner Code, and the resulting value will be Client Partner Code-SSID	<ul style="list-style-type: none"> PartnerCode is mandatory Max length for PartnerCode is 100
LeadTime	No	Int		
IsActive	No	Bool	Status of the entity if active or not	
IsTaxExempt	No	Bool	Is Tax Exempt of the entity	
LstCatalogItemPartnerUOM	No	List of CatalogItemPartnerUOM object		

LstCatalogItemPartnerUOM				
Property	Required?	Data type	Description	Validations/Exceptions
UOM	No	String	UOM of the entity	
SupportedUOM	No	String	Supported UOM of the entity	
UnitPrice	No	Decimal	Unit Price of the entity	
PricePerSupportedUOM	No	String	Price Per Supported UOM of the entity	
CurrencyCode	No	String	Currency Code of the entity	
ConversionFactorsWRTDefaultUOM	No	String	Conversion Factors WRT Default UOM of the entity	

ErrorDetails				
Property	Required?	Data type	Description	Validations/Exceptions
Key		String		
Errors		List of Error object		

Errors				
Property	Required?	Data type	Description	Validations/Exceptions
ErrorCode		String		
ErrorDescription		String		

SuccessDetails				
Property	Required?	Data type	Description	Validations/Exceptions
Key		String		

Examples

Success Scenario - Request

```
[
  {
    "catalogNumber": "CAT-2019-20990",
    "lstCatalogItem": [
      {
        "supplierItemNumber": "12356"
      }
    ]
  }
]
```

Success Scenario – Response

```
{
```



```
"data": [
  {
    "catalogNumber": "CAT-2019-20990",
    "contractNumber": "",
    "sourceSystemName": "AMB",
    "dateExpiry": "2024-08-31T00:00:00+00:00",
    "startDate": "2018-08-30T00:00:00+00:00",
    "partnerCode": "PC-2017.000308",
    "lstCatalogItem": [
      {
        "lineNumber": 0,
        "buyerItemNumber": "",
        "supplierItemNumber": "12356",
        "supplierPartNumber": "12356",
        "shortDescription": "SerCatTest12_TEST_AK_2",
        "description": "desc2",
        "unspsc": "10141502",
        "isActive": true,
        "itemSpecification": "",
        "minimumOrderQuantity": null,
        "maximumOrderQuantity": null,
        "manufacturer": "",
        "manufacturerPartNumber": "",
        "manufacturerModelNumber": "",
        "gtin": "",
        "banding": null,
        "relatedKeywords": "",
        "imageFileName": "",
        "itemType": "Service",
        "itemExtendedType": "Fixed",
        "orgEntities": null,
        "lstCatalogItemPartner": [
          {
            "contractNumber": "",
```

```
    "partnerCode": null,
    "leadTime": 5,
    "isActive": true,
    "isTaxExempt": false,
    "lstCatalogItemPartnerUOM": [
      {
        "uom": "KE",
        "supportedUOM": "",
        "unitPrice": 1234,
        "pricePerSupportedUOM": null,
        "currencyCode": "USD",
        "conversionFactorsWRTDefaultUOM": null
      },
      {
        "uom": "",
        "supportedUOM": "",
        "unitPrice": null,
        "pricePerSupportedUOM": "",
        "currencyCode": "USD",
        "conversionFactorsWRTDefaultUOM": ""
      }
    ]
  },
  ]
},
],
"statusCode": "200",
"errorDetails": [],
"successDetails": []
}
```

Error Scenario - Request

Request below contains invalid catalog number:

```
[
  {
    "catalogNumber": "aaaa",
    "lstCatalogItem": [
      {
        "supplierItemNumber": "12356"
      }
    ]
  }
]
```

Error Scenario – Response

```
{
  "data": null,
  "statusCode": "400",
  "errorDetails": [
    {
      "key": "Validation Exception",
      "errors": [
        {
          "errorCode": "DataValidation",
          "errorDescription": "aaaa"
        }
      ]
    }
  ],
  "successDetails": []
}
```