

Purchase Order Inbound (POST)

Overview

This API endpoint is used to create an order asynchronously. It accepts a JSON payload containing details about the order, including document number, line of business, status, error messages, ERP number, subtype, and line information. The endpoint is designed to handle order processing requests and return the results asynchronously.

Sample Curl

```
curl --location 'https://{APIBaseUrl}/leo-order-domaingateway-api/api/v2/Order/processAsync' \  
--header 'accept: application/octet-stream' \  
--header 'Authorization: Bearer <token>' \  
--header 'Content-Type: application/json' \  
--header 'event: <eventName>' \  
--header 'subtypeAppId: {subtypeAppId}' \  
--data '{  
    "ReturnValidationErrorObjectFromBpm": "string",  
    "billTo": {  
        "locationNumber": "string"  
    },  
    "businessUnit": {  
        "entityCode": "string",  
        "lobCode": "string"  
    },  
    "buyerContact": {  
        "clientContactCode": "string"    }  
}'
```

```
},
"changeType": {
  "clientCode": "string"
},
"companyCode": {
  "entityCode": "string",
  "lobCode": "string"
},
"createdBy": {
  "clientContactCode": "string"
},
"cultureDetails": {
  "cultureCode": "string"
},
"currency": {
  "code": "string"
},
"documentDate": "datetime",
"documentNumber": "string",
"documentType": "string",
"incoTermVersion": {
  "clientCode": "string"
},
"legalAddress": {
  "locationNumber": "string"
},
"operationType": {
  "clientCode": "string"
},
}
```

```
"orderItems": [  
  {  
    "asnAllowed": "boolean",  
    "batchNumber": "string",  
    "category": {  
      "clientCode": "string"  
    },  
    "changeType": {  
      "clientCode": "string"  
    },  
    "closedForInvoicing": "boolean",  
    "closedForReceipt": "string",  
    "contractLineNumber": "string",  
    "contractNumber": "string",  
    "downPaymentPercentage": "number",  
    "downpaymentAmount": "number",  
    "expectedValue": "string",  
    "holdFlag": "boolean",  
    "holdInfo": {  
      "holdFlag": "string"  
    },  
    "incoTermLocation": {  
      "clientCode": "string"  
    },  
    "incoTermVersion": {  
      "clientCode": "string"  
    },  
    "item": {  
      "itemNumber": "string"  
    }  
  }  
]
```

```
},
"itemType": {
  "clientCode": "string"
},
"lineItemNumber": "string",
"lineSubTotal": "number",
"lineTotal": "number",
"lineTotalQuantity": "number",
"lineType": {
  "clientCode": "string"
},
"needByDate": "datetime",
"operationType": {
  "clientCode": "string"
},
"priceBasis": {
  "clientCode": "string"
},
"pricePer": "number",
"pricingBasisUoM": "string",
"pricingCondition": [
  {
    "conditionAmount": "string",
    "conditionPricingUnit": "string",
    "conditionType": "string",
    "conditionUoM": "string",
    "currencyKey": "string"
  }
],
```

```
"quantity": "number",
"receivingToleranceQuantityPercentage": "string",
"requestSchedules": [
  {
    "componentMaterial": [
      {
        "componentBatchNumber": "string",
        "componentItem": {
          "itemNumber": "string",
          "uom": {
            "code": "string"
          }
        },
        "componentLineNumber": "string",
        "totalRequiredQuantity": "number"
      },
      {
        "componentItem": {
          "itemNumber": "string",
          "uom": {
            "code": "string"
          }
        },
        "componentLineNumber": "string",
        "totalRequiredQuantity": "number"
      }
    ],
    "incoTermLocation": {
      "clientCode": "string"
    }
  }
]
```

```
},
"incoTermVersion": {
  "clientCode": "string"
},
"needByDate": "datetime",
"operationType": {
  "clientCode": "string"
},
"quantity": "number",
"receivingToleranceQuantityPercentage": "string",
"receivingTolerances": {
  "clientCode": "string",
  "isActive": "string",
  "isDefault": "string",
  "tolerances": [
    {
      "attributeName": "string",
      "overTolerance": {
        "actualTolerance": "number",
        "considerWhicheverIsHigher": "string",
        "isToleranceInfinite": "string",
        "percentageTolerance": "number"
      },
      "underTolerance": {
        "actualTolerance": "number",
        "considerWhicheverIsHigher": "string",
        "isToleranceInfinite": "string",
        "percentageTolerance": "number"
      }
    }
  ]
}
```

```
        }
      ]
    },
    "receivingUnderTolerancePercentage": "string",
    "requestScheduleItemNumber": "string",
    "requestScheduleNumber": "number"
  }
],
"servicePlannedEndDate": "datetime",
"servicePlannedStartDate": "datetime",
"shipFrom": {
  "locationNumber": "string"
},
"shipTo": {
  "addressInfo": {
    "addressline2": "string",
    "addressline3": "string",
    "city": "string",
    "countryInfo": {
      "countryCode": "string"
    },
    "stateInfo": {
      "stateAbbreviationCode": "string"
    },
    "zipCode": "string"
  },
  "locationName": "string",
  "locationNumber": "string"
},
```

```
        "unitPrice": "number",
        "uom": {
            "code": "string"
        }
    },
    "paymentTerms": {
        "paymentTermCode": "string"
    },
    "plannerContact": "string",
    "purchaseType": {
        "clientCode": "string"
    },
    "purchasingGroup": "string",
    "purchasingOrg": "string",
    "remitTo": {
        "locationNumber": "string"
    },
    "shipFrom": {
        "locationNumber": "string"
    },
    "subType": "string",
    "supplierDetails": {
        "clientPartnerCode": "string"
    },
    "supplierInterfaceStatus": {
        "clientCode": "string"
    },
    "supplierOrderingLocation": {
```



```

        "locationNumber": "string"
    },
    "totalAmount": "number",
    "totalOrderAmount": "number",
    "version": "string"
}'

```

Sample Response

```

{
    "exception": object,
    "data": object,
    "hasData": boolean,
    "hasException": boolean,
}

```

Data Elements

Request Body				
Property	Required?	Data type	Description	Validations / Exceptions
ReturnValidationErrorObjectFromBpm		string	Indicates whether to return validation error object from BPM	
billTo		object	Billing information	
businessUnit		object	Business unit information	
buyerContact		object	Buyer contact information	
changeType		object	Change type information	
companyCode		object	Company code information	
createdBy		object	Information about who created the document	
cultureDetails		object	Culture details	
currency		object	Currency information	
documentDate		datetime	Date of the document	
documentNumber		string	Unique identifier for the document	

documentType		string	Type of the document	
incoTermVersion		object	Inco term version information	
legalAddress		object	Legal address information	
operationType		object	Operation type information	
orderItems		array	List of order items	
paymentTerms		object	Payment terms information	
plannerContact		string	Planner contact code	
purchaseType		object	Purchase type information	
purchasingGroup		string	Purchasing group code	
purchasingOrg		string	Purchasing organization code	
remitTo		object	Remittance information	
shipFrom		object	Shipping from information	
subType		string	Subtype of the document	
supplierDetails		object	Supplier details	
supplierInterfaceStatus		object	Supplier interface status information	
supplierOrderingLocation		object	Supplier ordering location information	
totalAmount		number	Total amount	
totalOrderAmount		number	Total order amount	
version		string	Version of the document	

billTo				
Property	Required?	Data type	Description	Validations / Exceptions
locationNumber		string	Location number for billing	

businessUnit				
Property	Required?	Data type	Description	Validations / Exceptions
entityCode		string	Entity code of the business unit	
lobCode		String	Line of business code	

buyerContact				
Property	Required?	Data type	Description	Validations / Exceptions
clientContactCode		string	Client contact code for the buyer	

changeType				
Property	Required?	Data type	Description	Validations / Exceptions
clientCode		string	Client code for the change type	

companyCode				
Property	Required?	Data type	Description	Validations / Exceptions
entityCode		string	Entity code of the company	
lobCode		String	Line of business code	

orderItems				
Field	Required	Data Type	Description	Validations / Exceptions
asnAllowed		boolean	Indicates if ASN is allowed	
batchNumber		string	Batch number	
category		object	Category information	
changeType		object	Change type information	
closedForInvoicing		boolean	Indicates if closed for invoicing	
closedForReceipt		string	Indicates if closed for receipt	
contractLineNumber		string	Contract line number	
contractNumber		string	Contract number	
downPaymentPercentage		number	Down payment percentage	
downpaymentAmount		number	Down payment amount	
expectedValue		string	Expected value	
holdFlag		boolean	Indicates if hold flag is set	
holdInfo		object	Hold flag information	
incoTermLocation		object	Inco term location information	
incoTermVersion		object	Inco term version information	
item		object	Item information	

itemType		object	Item type information	
lineItemNumber		string	Line item number	
lineSubTotal		number	Line sub-total amount	
lineTotal		number	Line total amount	
lineTotalQuantity		number	Line total quantity	
lineType		object	Line type information	
needByDate		datetime	Need by date	
operationType		object	Operation type information	
priceBasis		object	Price basis information	
pricePer		number	Price per unit	
pricingBasisUoM		string	Pricing basis unit of measure	
pricingCondition		array	List of pricing conditions	
quantity		number	Quantity	
receivingToleranceQuantityPercentage		string	Receiving tolerance quantity percentage	
requestSchedules		array	List of request schedules	
servicePlannedEndDate		datetime	Service planned end date	
servicePlannedStartDate		datetime	Service planned start date	
shipFrom		object	Shipping from information	
shipTo		object	Shipping to information	
unitPrice		number	Unit price	
uom		object	Unit of measure information	

category Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the category	

changeType Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the change type	
holdInfo Object				
Field	Required	Data Type	Description	Validations / Exceptions
holdFlag		string	Hold flag information	

incoTermLocation Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the inco term location	

incoTermVersion Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the inco term version	

item Object				
Field	Required	Data Type	Description	Validations / Exceptions
itemNumber		string	Item number	

itemType Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the item type	

lineType Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the line type	

operationType Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the operation type	
priceBasis Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for the price basis	

pricingCondition Array				
Field	Required	Data Type	Description	Validations / Exceptions
conditionAmount		string	Condition amount	
conditionPricingUnit		string	Condition pricing unit	

conditionType		string	Condition type	
conditionUoM		string	Condition unit of measure	
currencyKey		string	Currency key	

requestSchedules Array				
Field	Required	Data Type	Description	Validations / Exceptions
componentMaterial		array	List of component materials	
incoTermLocation		object	Inco term location information	
incoTermVersion		object	Inco term version information	
needByDate		datetime	Need by date	
operationType		object	Operation type information	
quantity		number	Quantity	
receivingToleranceQuantityPercentage		string	Receiving tolerance quantity percentage	
receivingTolerances		object	Receiving tolerances information	
receivingUnderTolerancePercentage		string	Receiving under tolerance percentage	
requestScheduleItemNumber		string	Request schedule item number	
requestScheduleNumber		number	Request schedule number	

componentMaterial Array				
Field	Required	Data Type	Description	Validations / Exceptions
componentBatchNumber		string	Component batch number	
componentItem		object	Component item information	
componentLineNumber		string	Component line number	
totalRequiredQuantity		number	Total required quantity	

componentItem Object				
Field	Required	Data Type	Description	Validations / Exceptions
itemNumber		string	Component item number	
uom		object	Unit of measure information	

uom Object				
Field	Required	Data Type	Description	Validations / Exceptions
code		string	Unit of measure code	

receivingTolerances Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientCode		string	Client code for receiving tolerances	
isActive		string	Indicates if active	
isDefault		string	Indicates if default	
tolerances		array	List of tolerances	

tolerances Array				
Field	Required	Data Type	Description	Validations / Exceptions
attributeName		string	Attribute name	
overTolerance		object	Over tolerance information	
underTolerance		object	Under tolerance information	

overTolerance Object				
Field	Required	Data Type	Description	Validations / Exceptions
actualTolerance		number	Actual over tolerance	
considerWhicheverIsHigher		string	Consider whichever is higher	
isToleranceInfinite		string	Indicates if tolerance is infinite	
percentageTolerance		number	Percentage over tolerance	

underTolerance Object				
Field	Required	Data Type	Description	Validations / Exceptions
actualTolerance		number	Actual under tolerance	
considerWhicheverIsHigher		string	Consider whichever is higher	
isToleranceInfinite		string	Indicates if tolerance is infinite	
percentageTolerance		number	Percentage under tolerance	

shipFrom Object				
Field	Required	Data Type	Description	Validations / Exceptions
locationNumber		string	Location number for shipping from	

shipTo Object				
Field	Required	Data Type	Description	Validations / Exceptions
addressInfo		object	Address information	
locationName		string	Location name	
locationNumber		string	Location number	

addressInfo Object				
Field	Required	Data Type	Description	Validations / Exceptions
addressline2		string	Address line 2	
addressline3		string	Address line 3	
city		string	City	
countryInfo		object	Country information	
stateInfo		object	State information	
zipCode		string	Zip code	

countryInfo Object				
Field	Required	Data Type	Description	Validations / Exceptions
countryCode		string	Country code	

stateInfo Object				
Field	Required	Data Type	Description	Validations / Exceptions
stateAbbreviationCode		string	State abbreviation code	

uom Object (Repeated)				
Field	Required	Data Type	Description	Validations / Exceptions
code		string	Unit of measure code	

supplierOrderingLocation Object				
Field	Required	Data Type	Description	Validations / Exceptions
locationNumber		string	Location number for supplier ordering	

supplierDetails Object				
Field	Required	Data Type	Description	Validations / Exceptions
clientPartnerCode		string	Client partner code for the supplier	

Request Headers				
Property	Required?	Data type	Description	Validations / Exceptions
Authorization		string	Contains the Bearer token for authentication.	
Content-Type		string	Indicates the media type of the response being sent to the server.	
subtypeAppId		string	A unique identifier for the subtype application	
event		string	Represents the command	

Response Body				
Property	Required?	Data type	Description	Validations / Exceptions
exception		object	Error details if any	
data		object	Data returned by API	
hasData		boolean	Flag indicating whether response has data	
hasException		boolean	Flag indicating whether response has exception	