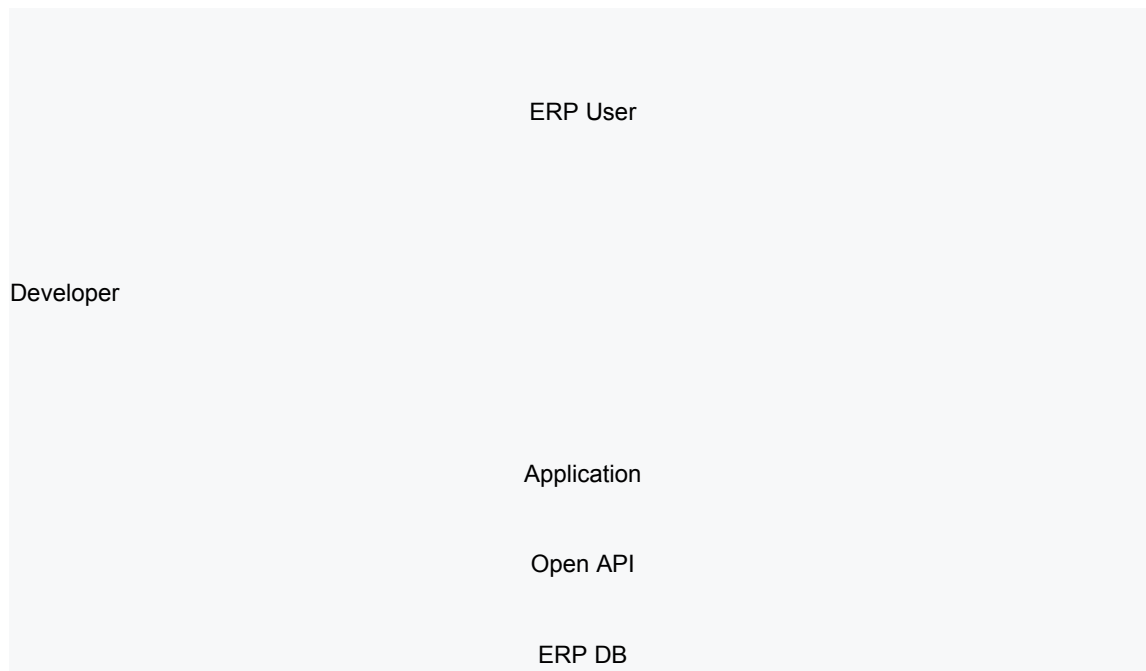


## How to use Open API

You can easily import data into Ecount ERP by using the Ecount Open API.

### Flow of Ecount Open API



(Order, Sales)

### Steps for Using Open API

Issue Test Authentication Key   Dev. Verification   Issue Authentication Key   Login API   Sales Order API

### Sales API

#### 1. Issue Test Authentication Key

- Prior to issuing an authentication key, a request with a test authentication key is required for verification.
- Login to ERP (a href='https://login.ecount.com' target=\_blank>https://login.ecount.com https://login.ecount.com/a>) and issue an authentication key in User Customization > Information > API Authentication Key Issuance > API Authentication Status > Issue button.
- An authentication key is valid for 2 weeks since issued.
- An authentication key can be issued up to 3 times, and an additional issuance is available upon request and review.

## 2. Dev. Verification

- For API verification, you need to verify only the API you want to use, not all items.
- Requests with a test authentication key will be examined by ECOUNT, and if acceptable, their verification will automatically proceed.  
※ If the data requested with a test authentication key is transmitted successfully, it will be turned to Verification status.
- Verification will be completed once a request is made to the test URL <http://sboapi.ecount.com> and the transmission is successful.  
※ As for directly running API, if running in the URL <http://sboapi.ecount.com> page, you can log in with the test authentication key.
- Verification is limited to requested API, and if you want to use an additional API, please submit an additional request by using a test authentication key.
- You can verify the list of authenticated API in User Customization > Information > API Authentication Key Issuance > API Authentication Status.

## 3. Issue Authentication Key

- You have to issue an authentication key to use Ecount Open API.
- To issue the authentication key, log onto the ERP ( <https://login.ecount.com> ) and go to User Customization > Information > API Authentication Key Issuance.
- The issued authentication key is valid for one year.

## 4. Use Open API

- You need a session ID to call the Ecount Open API and the session ID can be issued by using the Login API.
- The issued session ID is valid for time set in the program (ERP Login > User Customization > Configuration > Security Setup > Session Timeout), and you can call the Sale API or Sales Order API to renew the session time.  
※ If you don't call Sales/Sales Order API within the set time, the session ID will expire and you will have to have a new session ID issued again with the Login API.
- In order to use the Input API such as Sales Order, Sales, etc., the fields must be added to the ECOUNT Web Uploader.  
※ ECOUNT Web Uploader Settings can be accessed from each input menu > Web Uploader Button at the bottom > Add Web Uploader Fields.

## HTTP Status Code

Status	Description
200	Processed Successfully
302	If exceeding the API transmission count limit
404	When the called API does not exist since the API path is not correct.

412	If exceeding the API transmission count limit
500	API Service Internal System Error

Description by Error Type

St	Result	Description	H
20	Succeeded	When Input/View is successful (Returns codes and slip numbers that succeed Input/View)	20
	Failed	When the JSON data type is incorrect	
	Valida	When validation check fails (Returns a list of columns that failed validation check)	

	ti o n C h e c k D e t a i l s		
	None	API Service Internal System Error	50
50	Valid a t i o n C h e c k D e t a i l s	<ul style="list-style-type: none"> <li>- When validation check fails (Returns a list of columns that failed validation check)</li> <li>- Exceeded the consecutive error limit count of API or its maximum allowance</li> <li>- Session Timeout</li> </ul>	20

1. \* If not sending Content-Type to application/json, 'Unsupported Media Type' will appear in Message.
2. \* If the input value is not valid JSON data, 'Model validation state error' will be displayed in the message.
3. \* Please attach the TRACE\_ID value when submitting an error-related inquiry.

## Notice

1. The Ecount Open API can no longer be used when the authentication key is expired. To continue to use, you have to reissue the key.
  2. The authentication key can only be issued by using the Ecount Master ID.
  3. The session ID cannot be issued when your Ecount subscription is expired or is not valid for some reason.
  4. If there's an IP set up in User Customization > Security Setup > Block Access by IP Address (PC), only the set IP will be allowed to issue a session ID.
  5. The Ecount API has restricted base for sending and if it is exceeded, API calls will be restricted.
- 1) Transmission Criteria for each API Type

Type	API	Transmit Criteria	
		Actual Se rv er	Test Se rv er
Login	Zone	1 / 10 mi nu te s	1 / 10 Se co nd
	Login		
View	Purchase Order List		
	Search Item		
	Inventory Balance		
	Inv. Balance by Location		
Save	Customer/Vendor	1 / 10 Se	

	Item	cond	
	New Quotation		
	New Sales Order		
	New Sales		
	New Purchases		
	New Job Order		
	New Goods Issued		
	Goods Receipt I		
	Invoice II (Auto Journal)		
	Order API (Online Store Mgmt.)		
View(1 data)	Search Item (1 data)	1 / 1Second	
	Inventory Balance (1 data)		
	Inv. Balance by Location (single item)		

6.

2) Error Limit per Hour, Maximum Allowance

Maximum number of consecutive errors per hour	Maximum Allowable Amount per 1 time	Maximum Allowable Amount per 1 hour	Maximum Allowable Amount per 1 day
30	300	30000	100000

7. ECOUNT may limit OAPI, ERP service.

- We may restrict OAPI due to a system overload from excessive traffic or other issues.

## Zone API

### Overview

Provides ZoneAPI, host information for linking with external services.

### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	<a href="https://sboapi.ecount.com/OAPI/V2/Zone">https://sboapi.ecount.com/OAPI/V2/Zone</a>

Request URL	https://oapi.ecount.com/OAPI/V2/Zone
Types of Data Format	JSON(Paramenter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Requirement Status	Description
COM_CODE	Company Code	6	Y	The company code to use when logging on to Ecount ERP.

#### Result

<

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)



Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				
ZONE	Sub domain Zone	6	Y	Zone information to use when calling the login API
DOMAIN	Domain	30	Y	Domain information to use when calling the login API
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on

#### Example Parameter

URL : <https://oapi.ecount.com/OAPI/V2/Zone>

```
{
  "COM_CODE":"80001"
}
```

#### Example Result

```
[SUCCESS]
{
  "Data":
```

```
{
  "EXPIRE_DATE": "",
  "ZONE": "A",
  "DOMAIN": ".ecount.com"
},
"Status": "200",
"Error": null,
"Timestamp": "2018년 6월 11일 오후 1:09:21"
```

```
}
```

[FAIL]

```
{
  "Data": null,
  "Status": "500",
  "Error": {
    "Code": 201,
    "Message": "There is no Zone Information.",
    "MessageDetail": ""
  },
  "Timestamp": null
```

```
}
```

#### Description by Error Type

Statu s	"Error" > "Code"	Description
200	None	Processed Successfully
404	None	When the called API does not exist since the API path is not correct.
412	None	If exceeding the API transmission count limit
500	100	There is no Zone Information.

\* HTTP 412 Forbidden, 302 Object Moved error occurs when exceeding server request count limit.

\* If not sending Content-Type to application/json, 'Unsupported Media Type' will appear in Message.

\* If the input value is not valid JSON data, 'Model validation state error' will be displayed in the message.

## Login API

### Overview

Provides Login API to link with the external service system.

### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/OAPILogin
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/OAPILogin
Types of Data Format	JSON(Paramenter, Result)

### Types of Data Format

Parameter	Parameter Name	Characters	Requirement Status	Description
COM_CODE	Company Code	6	Y	The company code to use when logging on to Ecount ERP.
USER_ID	User ID	30	Y	An ECOUNT User ID that has issued the following API_CERT_KEY (Test Authentication Key)
API_CERT_KEY	Test Authentication Key	50	Y	The API authentication key issued through logging in to ECOUNT ERP > User Customization > Information > API Authentication Key Issuance > API Authentication Status > Test Authentication Key.
LAN_TYPE	Language Settings	50	Y	ko-KR : 한국어 (Default)  en-US : English  zh-CN : 简体中文  zh-TW : 繁体中文  ja-JP : 日本語  vi-VN : Việt Nam  es : Español  id-ID : Indonesian

ZONE	ZONE	2	Y	DOMAIN ZONE
------	------	---	---	-------------

Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				
COM_CODE	Company Code	6	Y	COM_CODE (Company Code) that is entered when calling the URL.

USER_ID	User ID	30	Y	USER_ID (API Key Issued User ID) that is entered when calling the URL.
SESSION_ID	Session ID	50	Y	SESSION_ID (Session ID) that is created after calling the URL. It is used for authentication during the session.
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
NOTICE	NOTICE		Y	Notice of ECOUNT API

#### Example Parameter

URL : <https://oapi{ZONE}.ecount.com/OAPI/V2/OAPILogin>

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "COM_CODE":"80001",          // USER COM_CODE input
  "USER_ID":"USER_ID",        // USER USER_ID input
  "API_CERT_KEY":"{API_CERT_KEY}", // USER API_CERT_KEY input
  "LAN_TYPE":"ko-KR",          // USER LAN_TYPE input
  "ZONE":"C"                   // USER ZONE input
}
```

#### Example Result

```
[SUCCESS]
{
  "Data":
  {
    "EXPIRE_DATE": "",
    "NOTICE": "",
    "Code": "00",
    "Datas":
    {
      "COM_CODE": "80001",
      "USER_ID": "USER_ID",
      "SESSION_ID": "39313231367c256562253866253939256563253838253938:0HDD9DBtZt2e"
    },
  },
}
```

```

    "Message": "",
    "RedirectUrl": ""
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018년 6월 11일 오후 1:09:21"

```

```

}

```

[FAIL]

```

{
  "Data": null,
  "Status": "200",
  "Error": {
    {
      "Code": 201,
      "Message": "API_CERT_KEY is not valid.",
      "MessageDetail": ""
    }
  },
  "Timestamp": null

```

```

}

```

#### Description by Error Type

Status	"Error" > "Code"	Description
200	None	Processed Successfully
404	None	When the called API does not exist since the API path is not correct.
412	None	If exceeding the API transmission count limit
200	20	Please enter the correct Code, ID, and Password. If you do not know your login information, please contact the Master ID.
	21	Access restricted by Master.

22	<p>[ID - Restricted Time] Login is restricted for this ID during [FROM] ~ [TO].</p> <p>Please contact your Master ID .</p>
23	<p>[All - Restricted Time] Login is restricted for all users from [FROM] ~ [TO].</p> <p>Please contact your Master ID .</p>
24	<p>[ID - Block Access by IP Address (PC)] Login is restricted for all users at this IP address.</p> <p>Please contact your Master ID .</p>
25	<p>[All - Block Access by IP Address (PC)] Login is restricted for all users at this IP address.</p> <p>Please contact your Master ID .</p>
26	<p>Do not have authorization for the application.</p>
27	<p>[Mobile Login] Please request your Master ID [000] to permit login to mobile with your ID.</p>
81, 82, 83	<p>Access to the API has been denied due to unpaid subscription fees.</p>



84	Access to the API has been denied due to unpaid subscription fees.
85	Access to the API has been denied since youre company code has been blocked.
89	Access to the API has been denied since your company code has been withdrawn.
98	You have entered an incorrect password 5 times.\n\nPlease request a new password.\n-Users: Request a new password from the Master ID. Master ID: re-login after re setting a password.\n-You will receive a temporary password via Email.
99	The relevant ID does not exist.
201	API_CERT_KEY is not valid.
204	This is the authentication key for TESTING. / This is the authentication key for ACTUAL SERVER.

\* HTTP 412 Forbidden, 302 Object Moved error occurs when exceeding server request count limit.

\* If not sending Content-Type to application/json, 'Unsupported Media Type' will appear in Message.

\* If the input value is not valid JSON data, 'Model validation state error' will be displayed in the message.

## Login API

### Overview

Provides Login API to link with the external service system.

### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/OAPILogin
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/OAPILogin
Types of Data Format	JSON(Paramenter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Requirement Status	Description
COM_CODE	Company Code	6	Y	The company code to use when logging on to Ecount ERP.

USER_ID	User ID	30	Y	An ECOUNT User ID that has issued the following API_CERT_KEY (Test Authentication Key)
API_CERT_KEY	Test Authentication Key	50	Y	The API authentication key issued through logging in to ECOUNT ERP > User Customization > Information > API Authentication Key Issuance > API Authentication Status > Test Authentication Key.
LAN_TYPE	Language Settings	50	Y	<p>ko-KR : 한국어 (Default)</p> <p>en-US : English</p> <p>zh-CN : 简体中文</p> <p>zh-TW : 繁体中文</p> <p>ja-JP : 日本語</p> <p>vi-VN : Việt Nam</p> <p>es : Español</p> <p>id-ID : Indonesian</p>
ZONE	ZONE	2	Y	DOMAIN ZONE

#### Result

Parameter	Parameter Name	Characters	Requirement	Description
-----------	----------------	------------	-------------	-------------

			Status	
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				
COM_CODE	Company Code	6	Y	COM_CODE (Company Code) that is entered when calling the URL.
USER_ID	User ID	30	Y	USER_ID (API Key Issued User ID) that is entered when calling the URL.
SESSION_ID	Session ID	50	Y	SESSION_ID (Session ID) that is created after calling the URL. It is used for authentication during the session.
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on

NOTICE	NOTICE		Y	Notice of ECOUNT API
--------	--------	--	---	----------------------

#### Example Parameter

URL : <https://oapi{ZONE}.ecount.com/OAPI/V2/OAPILogin>

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "COM_CODE":"80001",           // USER COM_CODE input
  "USER_ID":"USER_ID",         // USER USER_ID input
  "API_CERT_KEY":"{API_CERT_KEY}", // USER API_CERT_KEY input
  "LAN_TYPE":"ko-KR",          // USER LAN_TYPE input
  "ZONE":"C"                    // USER ZONE input
}
```

#### Example Result

[SUCCESS]

```
{
  "Data":
  {
    "EXPIRE_DATE": "",
    "NOTICE": "",
    "Code": "00",
    "Datas":
    {
      "COM_CODE": "80001",
      "USER_ID": "USER_ID",
      "SESSION_ID": "39313231367c256562253866253939256563253838253938:0HDD9DBtZt2e"
    },
    "Message": "",
    "RedirectUrl": ""
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018년 6월 11일 오후 1:09:21"
}
```

[FAIL]

```
{
  "Data": null,
  "Status": "200",
  "Error":
  {
    "Code": 201,
```

```

    "Message":API_CERT_KEY is not valid.,
    "MessageDetail":""
  },
  "Timestamp":null

```

```

}

```

#### Description by Error Type

Statu s	"Error" > "Code"	Description
200	None	Processed Successfully
404	None	When the called API does not exist since the API path is not correct.
412	None	If exceeding the API transmission count limit
200	20	Please enter the correct Code, ID, and Password. If you do not know your login information, please contact the Master ID.
	21	Access restricted by Master.
	22	<p>[ID - Restricted Time] Login is restricted for this ID during [FROM] ~ [TO].</p> <p>Please contact your Master ID .</p>
	23	[All - Restricted Time] Login is restricted for all users from [FROM] ~ [TO].

		Please contact your Master ID .
24		<p>[ID - Block Access by IP Address (PC)] Login is restricted for all users at this IP address.</p> <p>Please contact your Master ID .</p>
25		<p>[All - Block Access by IP Address (PC)] Login is restricted for all users at this IP address.</p> <p>Please contact your Master ID .</p>
26		Do not have authorization for the application.
27		[Mobile Login] Please request your Master ID [000] to permit login to mobile with your ID.
81, 82, 83		Access to the API has been denied due to unpaid subscription fees.
84		Access to the API has been denied due to unpaid subscription fees.
85		Access to the API has been denied since youre company code has been blocked.
89		Access to the API has been denied since your company code has been withdrawn.

	98	You have entered an incorrect password 5 times.\n\nPlease request a new password.\n-Users: Request a new password from the Master ID. Master ID: re-login after re setting a password.\n-You will receive a temporary password via Email.
	99	The relevant ID does not exist.
	201	API_CERT_KEY is not valid.
	204	This is the authentication key for TESTING. / This is the authentication key for ACTUAL SERVER.

\* HTTP 412 Forbidden, 302 Object Moved error occurs when exceeding server request count limit.

\* If not sending Content-Type to application/json, 'Unsupported Media Type' will appear in Message.

\* If the input value is not valid JSON data, 'Model validation state error' will be displayed in the message.

## Item

### Overview

You can register Item data into Ecount ERP by linking it with the external service system.

However, since only the fields set as the General Tab on the input screen in ERP can be setup

Fields that are required to input(Parameter) of the Setup API are different for each company code

When sending a field that is not in the General Tab, the data of that field is not registered.

### Requested Data Format



Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/SaveBasicProduct?SESSION_ID={SESSION_ID}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/SaveBasicProduct?SESSION_ID={SESSION_ID}
Types of Data Format	JSON(Paramenter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Ecount Required	Required to input	Description
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.
ProductList					

[BulkDatas]	Information by each Sales Order Slip				Repeated part
PROD_CD	Item Code	STRIN G(20)	Y		Item Code
PROD_DE S	Item Name	STRIN G(100)	Y		Item Name
SIZE_FL A G	Spec. Type	STRIN G(1)			Spec. Type (1: Spec. Name, 2: Spec. Group, 3: Spec. Calculation, 4: Spec. Calculation Group)
SIZE_DE S	Spec.	STRIN G(100)			Spec.(If you select Spec. Group / Spec. Calculation Group, enter the already registered Group Code or Group Name.)
UNIT	Unit	STRIN G(6)			Unit
PROD_T Y P E	Item Category	STRIN G(1)			Item Category : Raw Material0, Finished Goods1, Semi-Finished Goods2, Merchandise3, Sub Material4, Intangible Merchandise7. If not entered, default 3.
SET_FL A G	Bundle Item	STRIN G(1)			Bundle Item (1:Use, 0:Do not Use)
BAL_FL A G	Quantity Management	STRIN G(1)			Quantity Management (0:Non-stock Item, 1:Stock Item)

WH_CD	Process	STRING(5)			Process Code : Inv I > Setup > Location > New > Type : Factory > Process
IN_PRICE	Purchase Price	NUMERIC(18,6)			Purchase Price
IN_PRICE_VAT	Purchase Price(Tax Status)	STRING(1)			Purchase Price(Tax Status) : Not Included 0, Included 1. If not entered, default 0.
OUT_PRICE	Sales Price	NUMERIC(18,6)			Sales Price
OUT_PRICE_VAT	Sales Price (Tax Status)	STRING(1)			Sales Price(Tax Status) : Not Included 0, Included 1. If not entered, default 0.
REMARKS_WIN	Keyword	STRING(100)			Keyword
CLASS_CD	Group Code	STRING(5)			Item Group I Code
CLASS_CD2	Group Code 2	STRING(5)			Item Group II Code
CLASS_CD3	Group Code 3	STRING(5)			Item Group III Code
BAR_CODE	Barcode	STRING(30)			Barcode

VAT_YN	Tax Rate (Sales) Status	STRIN G(1)			Tax Rate(Sales)Status(N:Default, Y:Set Manually)
TAX	Tax Rate	NUME RIC(6, 3)			Tax Rate applied when entering a sales slip
VAT_RAT E_BY_BA SE_YN	Tax Rate (Purchases) Status	STRIN G(1)			Tax Rate(Purchases) Input Status(N:Default, Y:Set Manually)
VAT_RAT E_BY	Tax Rate (Purchases)	NUME RIC(6, 3)			Tax Rate applied when entering a purchase slip
CS_FLAG	Share with C-Portal	STRIN G(1)			Share with C-Portal (1:Use, 0:Do not Use)
REMARK S	Remarks	STRIN G(100)			Remarks
INSPECT_ TYPE_CD	Quality Inspection Type	STRIN G(30)			Quality Inspection Type : Inv. II > Quality Control > Quality Inspection > Reg. Inspection Type
INSPECT_ STATUS	QC Inspection Method	STRIN G(1)			QC Inspection Method(L:Lot, S:Sample)
SAMPLE_ PERCENT	Sampling Ratio	NUME RIC(4, 2)			Sampling Ratio

SAFE_A0 001	Safety Stock-Sales Order	STRIN G(1)			Set whether to check safety stock when entering the Sales Order (0 : Default, 1 : Use, 2 : Do not use)
SAFE_A0 002	Safety Stock-Sales	STRIN G(1)			Set whether to check safety stock when entering the Sales (0 : Default, 1 : Use, 2 : Do not use)
SAFE_A0 003	Safety Stock-Goods Issued	STRIN G(1)			Set whether to check safety stock when entering the Goods Issued (0 : Default, 1 : Use, 2 : Do not use)
SAFE_A0 004	Safety Stock-Goods Receipt	STRIN G(1)			Set whether to check safety stock when entering the Goods Receipt (0 : Default, 1 : Use, 2 : Do not use)
SAFE_A0 005	Safety Stock-Locations Trans.	STRIN G(1)			Set whether to check safety stock when entering the Location Tran. (0 : Default, 1 : Use, 2 : Do not use)
SAFE_A0 006	Safety Stock-Internal Use	STRIN G(1)			Set whether to check safety stock when entering the Internal Use (0 : Default, 1 : Use, 2 : Do not use)
SAFE_A0 007	Safety Stock-Product Defect	STRIN G(1)			Set whether to check safety stock when entering the Product Defect (0 : Default, 1 : Use, 2 : Do not use)
CSORD_C 0001	C-Portal Min. S/O Qty. Check	STRIN G(1)			Set whether to check safety stock when entering the C-Portal Sales Order (0 : Default, 1 : Use, 2 : Do not use)
CSORD_T EXT	C-Portal Min. S/O Qty.	NUME RIC(1 5,3)			Enter the minimum quantity to use for sales orders in the C-Portal.

CSORD_C 0003	C-Portal Min. S/O Unit	STRIN G(1)			Set the minimum quantity unit to use for sales orders in the C-Portal(Y:Use, N:Do Not Use)
IN_TERM	Lead Time	STRIN G(5)			Lead Time
MIN_QTY	Minimum Purchase Qty.	STRIN G(7)			Minimum Purchase Qty.
CUST	Vendor	STRIN G(30)			Vendor
OUT_PRI CE1	Price A	NUME RIC(1 8,6)			Price A
OUT_PRI CE1_VAT_ YN	Price A Tax Status	STRIN G(1)			Price A Tax Status (N:Not Included, Y:Included)
OUT_PRI CE2	Price B	NUME RIC(1 8,6)			Price B
OUT_PRI CE2_VAT_ YN	Price B Tax Status	STRIN G(1)			Price B Tax Status (N:Not Included, Y:Included)
OUT_PRI CE3	Price C	NUME RIC(1 8,6)			Price C

OUT_PRI CE3_VAT_ YN	Price C Tax Status	STRIN G(1)			Price C Tax Status (N:Not Included, Y:Included)
OUT_PRI CE4	Price D	NUME RIC(1 8,6)			Price D
OUT_PRI CE4_VAT_ YN	Price D Tax Status	STRIN G(1)			Price D Tax Status (N:Not Included, Y:Included)
OUT_PRI CE5	Price E	NUME RIC(1 8,6)			Price E
OUT_PRI CE5_VAT_ YN	Price E Tax Status	STRIN G(1)			Price E Tax Status (N:Not Included, Y:Included)
OUT_PRI CE6	Price F	NUME RIC(1 8,6)			Price F
OUT_PRI CE6_VAT_ YN	Price F Tax Status	STRIN G(1)			Price F Tax Status (N:Not Included, Y:Included)
OUT_PRI CE7	Price G	NUME RIC(1 8,6)			Price G

OUT_PRICE7_VAT_YN	Price G Tax Status	STRING(1)			Price G Tax Status (N:Not Included, Y:Included)
OUT_PRICE8	Price H	NUMERIC(18,6)			Price H
OUT_PRICE8_VAT_YN	Price H Tax Status	STRING(1)			Price H Tax Status (N:Not Included, Y:Included)
OUT_PRICE9	Price I	NUMERIC(18,6)			Price I
OUT_PRICE9_VAT_YN	Price I Tax Status	STRING(1)			Price I Tax Status (N:Not Included, Y:Included)
OUT_PRICE10	Price J	NUMERIC(18,6)			Price J
OUT_PRICE10_VAT_YN	Price J Tax Status	STRING(1)			Price J Tax Status (N:Not Included, Y:Included)
OUTSIDE_PRICE	Outsourcing Price	NUMERIC(18,6)			Outsourcing Price



OUTSIDE_PRICE_VAT	OE Price (Tax Status)	STRING(1)			OE Price Tax Status (N:Not Included, Y:Included)
LABOR_WEIGHT	Labor Cost	NUMERIC(7,2)			Labor Cost
EXPENSE_WEIGHT	Weighted Expense Ratio	NUMERIC(7,2)			Weighted Expense Ratio
MATERIAL_COST	Standard Material Cost	NUMERIC(18,6)			Standard Material Cost
EXPENSE_COST	Standard Expenses	NUMERIC(18,6)			Standard Expenses
LABOR_COST	Standard Labor Cost	NUMERIC(18,6)			Standard Labor Cost
OUT_COST	Standard O/E Cost	NUMERIC(18,6)			Standard O/E Cost
CONT1	Text Type Add. Field 1	STRING(100)			Text Type Add. Field 1

CONT2	Text Type Add. Field 2	STRIN G(100)			Text Type Add. Field 2
CONT3	Text Type Add. Field 3	STRIN G(100)			Text Type Add. Field 3
CONT4	Text Type Add. Field 4	STRIN G(100)			Text Type Add. Field 4
CONT5	Text Type Add. Field 5	STRIN G(100)			Text Type Add. Field 5
CONT6	Text Type Add. Field 6	STRIN G(100)			Text Type Add. Field 6
NO_USER 1	Number Type Add. Field 1	NUME RIC(1 8,6)			Number Type Add. Field 1
NO_USER 2	Number Type Add. Field 2	NUME RIC(1 8,6)			Number Type Add. Field 2
NO_USER 3	Number Type Add. Field 3	NUME RIC(1 8,6)			Number Type Add. Field 3
NO_USER 4	Number Type Add. Field 4	NUME RIC(1 8,6)			Number Type Add. Field 4

NO_USER 5	Number Type Add. Field 5	NUMERIC(18,6)			Number Type Add. Field 5
NO_USER 6	Number Type Add. Field 6	NUMERIC(18,6)			Number Type Add. Field 6
NO_USER 7	Number Type Add. Field 7	NUMERIC(18,6)			Number Type Add. Field 7
NO_USER 8	Number Type Add. Field 8	NUMERIC(18,6)			Number Type Add. Field 8
NO_USER 9	Number Type Add. Field 9	NUMERIC(18,6)			Number Type Add. Field 9
NO_USER 10	Number Type Add. Field 10	NUMERIC(18,6)			Number Type Add. Field 10
ITEM_TYPE	Mgmt. Field	STRING(1)			Mgmt. Field(B:Default, M:Required, Y:Optional, N:Do Not Use)
SERIAL_TYPE	Serial/Lot No.	STRING(1)			Serial(B:Default, M:Required, Y:Optional, N:Do Not Use)

PROD_SELL_TYPE	Auto-Create Manufacture Slip - Sales	STRING(1)			Auto-Create Manufacture Slip - Sales(B:Default, Y:Use, N:Do Not Use)
PROD_WHMOVE_TYPE	Auto-Create Manufacture Slip - Location Tran.	STRING(1)			Auto-Create Manufacture Slip - Location Tran.(B:Default, Y:Use, N:Do Not Use)
QC_BUY_TYPE	Auto-Create Quality Insp. Request - Purchases	STRING(1)			Auto-Create Quality Insp. Request - Purchases(B:Default, Y:Use, N:Do Not Use)
QC_YN	Request QC Insp.	STRING(1)			Request QC Insp.(Y:Use, N:Do not Use)

## Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			

Message	Error Message			
MessageDetail	Error Details			
Data				
SuccessCnt	Number of Successes	STRING(20)	Y	
FailCnt	Number of Failures	STRING(20)	Y	
ResultDetails	Processed Results	STRING(4000)	Y	Repeated part
SlipNos	Voucher No. (ERP)	STRING(20)	Y	Voucher Number (Blank if failed)
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INFINITY	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day
TRACE_ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error

## Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/SaveBasicProduct?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/SaveBasicProduct?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "ProductList": [{
    "BulkDatas": {
      "PROD_CD": "00001",
      "PROD_DES": "Test Product",
      "SIZE_FLAG": "",
      "SIZE_DES": "",
      "UNIT": "",
      "PROD_TYPE": "",
      "SET_FLAG": "",
      "BAL_FLAG": "",
      "WH_CD": "",
      "IN_PRICE": "",
      "IN_PRICE_VAT": "",
      "OUT_PRICE": "",
      "OUT_PRICE_VAT": "",
      "REMARKS_WIN": "",
      "CLASS_CD": "",
      "CLASS_CD2": "",
      "CLASS_CD3": "",
      "BAR_CODE": "",
      "VAT_YN": "",
      "TAX": "",
      "VAT_RATE_BY_BASE_YN": "",
      "VAT_RATE_BY": "",
      "CS_FLAG": "",
      "REMARKS": "",
      "INSPECT_TYPE_CD": "",
      "INSPECT_STATUS": "",
      "SAMPLE_PERCENT": "",
      "EXCH_RATE": "",
      "DENO_RATE": "",
      "SAFE_A0001": "",
      "SAFE_A0002": "",
      "SAFE_A0003": "",
      "SAFE_A0004": "",
      "SAFE_A0005": "",
      "SAFE_A0006": "",
      "SAFE_A0007": "",
      "CSORD_C0001": "",
      "CSORD_TEXT": "",
      "CSORD_C0003": "",
      "IN_TERM": "",
      "MIN_QTY": "",
      "CUST": "",
      "OUT_PRICE1": "",
      "OUT_PRICE1_VAT_YN": "",
      "OUT_PRICE2": "",
      "OUT_PRICE2_VAT_YN": "",
      "OUT_PRICE3": "",
```

```

"OUT_PRICE3_VAT_YN": "",
"OUT_PRICE4": "",
"OUT_PRICE4_VAT_YN": "",
"OUT_PRICE5": "",
"OUT_PRICE5_VAT_YN": "",
"OUT_PRICE6": "",
"OUT_PRICE6_VAT_YN": "",
"OUT_PRICE7": "",
"OUT_PRICE7_VAT_YN": "",
"OUT_PRICE8": "",
"OUT_PRICE8_VAT_YN": "",
"OUT_PRICE9": "",
"OUT_PRICE9_VAT_YN": "",
"OUT_PRICE10": "",
"OUT_PRICE10_VAT_YN": "",
"OUTSIDE_PRICE": "",
"OUTSIDE_PRICE_VAT": "",
"LABOR_WEIGHT": "",
"EXPENSES_WEIGHT": "",
"MATERIAL_COST": "",
"EXPENSE_COST": "",
"LABOR_COST": "",
"OUT_COST": "",
"CONT1": "",
"CONT2": "",
"CONT3": "",
"CONT4": "",
"CONT5": "",
"CONT6": "",
"NO_USER1": "",
"NO_USER2": "",
"NO_USER3": "",
"NO_USER4": "",
"NO_USER5": "",
"NO_USER6": "",
"NO_USER7": "",
"NO_USER8": "",
"NO_USER9": "",
"NO_USER10": "",
"ITEM_TYPE": "",
"SERIAL_TYPE": "",
"PROD_SELL_TYPE": "",
"PROD_WHMOVE_TYPE": "",
"QC_BUY_TYPE": "",
"QC_YN": ""
}
},{
"BulkDatas": {
"PROD_CD": "00002",
"PROD_DES": "Test Product1",
"SIZE_FLAG": "",
"SIZE_DES": "",
"UNIT": "",
"PROD_TYPE": "",
"SET_FLAG": "",
"BAL_FLAG": "",
"WH_CD": "",

```

"IN\_PRICE": "",  
"IN\_PRICE\_VAT": "",  
"OUT\_PRICE": "",  
"OUT\_PRICE\_VAT": "",  
"REMARKS\_WIN": "",  
"CLASS\_CD": "",  
"CLASS\_CD2": "",  
"CLASS\_CD3": "",  
"BAR\_CODE": "",  
"VAT\_YN": "",  
"TAX": "",  
"VAT\_RATE\_BY\_BASE\_YN": "",  
"VAT\_RATE\_BY": "",  
"CS\_FLAG": "",  
"REMARKS": "",  
"INSPECT\_TYPE\_CD": "",  
"INSPECT\_STATUS": "",  
"SAMPLE\_PERCENT": "",  
"EXCH\_RATE": "",  
"DENO\_RATE": "",  
"SAFE\_A0001": "",  
"SAFE\_A0002": "",  
"SAFE\_A0003": "",  
"SAFE\_A0004": "",  
"SAFE\_A0005": "",  
"SAFE\_A0006": "",  
"SAFE\_A0007": "",  
"CSORD\_C0001": "",  
"CSORD\_TEXT": "",  
"CSORD\_C0003": "",  
"IN\_TERM": "",  
"MIN\_QTY": "",  
"CUST": "",  
"OUT\_PRICE1": "",  
"OUT\_PRICE1\_VAT\_YN": "",  
"OUT\_PRICE2": "",  
"OUT\_PRICE2\_VAT\_YN": "",  
"OUT\_PRICE3": "",  
"OUT\_PRICE3\_VAT\_YN": "",  
"OUT\_PRICE4": "",  
"OUT\_PRICE4\_VAT\_YN": "",  
"OUT\_PRICE5": "",  
"OUT\_PRICE5\_VAT\_YN": "",  
"OUT\_PRICE6": "",  
"OUT\_PRICE6\_VAT\_YN": "",  
"OUT\_PRICE7": "",  
"OUT\_PRICE7\_VAT\_YN": "",  
"OUT\_PRICE8": "",  
"OUT\_PRICE8\_VAT\_YN": "",  
"OUT\_PRICE9": "",  
"OUT\_PRICE9\_VAT\_YN": "",  
"OUT\_PRICE10": "",  
"OUT\_PRICE10\_VAT\_YN": "",  
"OUTSIDE\_PRICE": "",  
"OUTSIDE\_PRICE\_VAT": "",  
"LABOR\_WEIGHT": "",  
"EXPENSES\_WEIGHT": "",



```

        "MATERIAL_COST": "",
        "EXPENSE_COST": "",
        "LABOR_COST": "",
        "OUT_COST": "",
        "CONT1": "",
        "CONT2": "",
        "CONT3": "",
        "CONT4": "",
        "CONT5": "",
        "CONT6": "",
        "NO_USER1": "",
        "NO_USER2": "",
        "NO_USER3": "",
        "NO_USER4": "",
        "NO_USER5": "",
        "NO_USER6": "",
        "NO_USER7": "",
        "NO_USER8": "",
        "NO_USER9": "",
        "NO_USER10": "",
        "ITEM_TYPE": "",
        "SERIAL_TYPE": "",
        "PROD_SELL_TYPE": "",
        "PROD_WHMOVE_TYPE": "",
        "QC_BUY_TYPE": "",
        "QC_YN": ""
    }
}

}

```

#### Example Result

```

[SUCCESS]
{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 3/6000," 1 day Allowable Amount" : 13/10000",
    "TRACE_ID":"db6138411aad40e42dc5e209f65f6f3c",
    "SuccessCnt": 2,
    "FailCnt": 0,
    "ResultDetails": "[{"IsSuccess": true, "TotalError": "[1] OK", "Errors": [], "Code": null}, {"IsSuccess": true, "TotalError": "[2] OK", "Errors": [], "Code": null}]",
    "SlipNos": null
  },
  "Status": "200",
  "Errors": null,
  "Error": null,
  "Timestamp": "2020-03-12 15:33:48.958",
  "RequestKey": null,
  "IsEnableNoL4": false,
  "RefreshTimestamp": null,
  "AsyncActionKey": null
}

```

```

}
[FAIL - Validation]
{
  "Data":{
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 3/6000," 1 day Allowable Amount" : 13/10000",
    "SuccessCnt": 0,
    "FailCnt": 2,
    "ResultDetails": "[{"IsSuccess": false, "TotalError": "[1]Customer/Vendor", "Errors": [{"ColCd": "CUST", "Message": "Customer/Vendor"}], "Code": null}, {"IsSuccess": false, "TotalError": "[2]Customer/Vendor", "Errors": [{"ColCd": "CUST", "Message": "Customer/Vendor"}], "Code": null}]",
    "SlipNos": null
  },
  "Status": "200",
  "Errors": null,
  "Error": null,
  "Timestamp": "2020-03-12 15:34:11.654",
  "RequestKey": null,
  "IsEnableNoL4": false,
  "RefreshTimestamp": null,
  "AsyncActionKey": null
}

```

Description by Error Type

## Search Item API

### Overview

You can search Item data into Ecount ERP by linking it with the external service system.

### Requested Data Format

Field	Description
Calling Method	POST

Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/ViewBasicProduct?SESSION_ID={SESSION_ID}}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/ViewBasicProduct?SESSION_ID={SESSION_ID}}
Types of Data Format	JSON(Paramenter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Ecount Required	Template Required	Description
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.
PROD_CD	Item Code	STRING(20)	Y		<p>Entries</p> <p>- Enter the item code you want to search.</p> <p>Character Limit</p> <p>- Enter the pre-registered item code.</p>

					- Up to 1000 characters.
PROD_TYPE	Item Category	STRING(20)			<p>Entries</p> <p>- Enter the item type you want to search.</p> <p>- In order to search for multiple item types, you can add a separator '  ' between them.</p> <p>Character Limit</p> <p>- Enter the item type. If left blank, all item types will be searched.</p> <p>- 0 : Raw Material</p> <p>- 1 : Finished Good</p> <p>- 2 : Semi-Finished Good</p> <p>- 3 : Merchandise</p> <p>- 4 : Sub Material</p> <p>- 7 : Intangible Merchandise</p> <p>- Up to 20 characters.</p>

#### Result

Parameter	Parameter Name	Characters	Require	Description
-----------	----------------	------------	---------	-------------

			ment Stat us	
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INFO	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day
TRACE_ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error
Result				

PROD_CD	Item Code	STRING(20)	Y	Item Code
PROD_DES	Item Name	STRING(100)	Y	Item Name
SIZE_FLAG	Spec. Type	STRING(1)		Spec. Type (1: Spec. Name, 2: Spec. Group, 3: Spec. Calculation, 4: Spec. Calculation Group)
SIZE_DES	Spec.	STRING(100)		Spec.(If you select Spec. Group / Spec. Calculation Group, enter the already registered Group Code or Group Name.)
UNIT	Unit	STRING(6)		Unit
PROD_TYPE	Item Category	STRING(1)		Item Category : Raw Material0, Finished Goods1, Semi-Finished Goods2, Merchandise3, Sub Material4, Intangible Merchandise7. If not entered, default 3.
SET_FLAG	Bundle Item	STRING(1)		Bundle Item (1:Use, 0:Do not Use)
BAL_FLAG	Quantity Management	STRING(1)		Quantity Management (0:Non-stock Item, 1:Stock Item)
WH_CD	Process	STRING(5)		Process Code : Inv I > Setup > Location > New > Type : Factory > Process
IN_PRICE	Purchase Price	NUMERIC(18,6)		Purchase Price

IN_PRI CE_VAT	Purchase Price(Tax Status)	STRIN G(1)		Purchase Price(Tax Status) : Not Included 0, Included 1. If not entered, default 0.
OUT_P RICE	Sales Price	NUME RIC(1 8,6)		Sales Price
OUT_P RICE_V AT	Sales Price (Tax Status)	STRIN G(1)		Sales Price(Tax Status) : Not Included 0, Included 1. If not entered, default 0.
REMAR KS_WI N	Keyword	STRIN G(100)		Keyword
CLASS _CD	Group Code	STRIN G(5)		Item Group I Code
CLASS _CD2	Group Code 2	STRIN G(5)		Item Group II Code
CLASS _CD3	Group Code 3	STRIN G(5)		Item Group III Code
BAR_C ODE	Barcode	STRIN G(30)		Barcode
VAT_YN	Tax Rate (Sales) Status	STRIN G(1)		Tax Rate(Sales)Status(N:Default, Y:Set Manually)

TAX	Tax Rate	NUMERIC(6, 3)		Tax Rate applied when entering a sales slip
VAT_RATE_BY_BASE_YN	Tax Rate (Purchases) Status	STRING(1)		Tax Rate(Purchases) Input Status(N:Default, Y:Set Manually)
VAT_RATE_BY	Tax Rate (Purchases)	NUMERIC(6, 3)		Tax Rate applied when entering a purchase slip
CS_FLAG	Share with C-Portal	STRING(1)		Share with C-Portal (1:Use, 0:Do not Use)
REMARKS	Remarks	STRING(100)		Remarks
INSPECTION_TYPE_CD	Quality Inspection Type	STRING(30)		Quality Inspection Type : Inv. II > Quality Control > Quality Inspection > Reg. Inspection Type
INSPECTION_STATUS	QC Inspection Method	STRING(1)		QC Inspection Method(L:Lot, S:Sample)
SAMPLE_PERCENT	Sampling Ratio	NUMERIC(4, 2)		Sampling Ratio



CSORD _C0001	C-Portal Min. S/O Qty. Check	STRIN G(1)		Set whether to check safety stock when entering the C-Portal Sales Order (0 : Default, 1 : Use, 2 : Do not use)
CSORD _TEXT	C-Portal Min. S/O Qty.	NUME RIC(1 5,3)		Enter the minimum quantity to use for sales orders in the C-Portal.
CSORD _C0003	C-Portal Min. S/O Unit	STRIN G(1)		Set the minimum quantity unit to use for sales orders in the C-Portal(Y:Use, N:Do Not Use)
IN_TER M	Lead Time	STRIN G(5)		Lead Time
MIN_Q TY	Minimum Purchase Qty.	STRIN G(7)		Minimum Purchase Qty.
CUST	Vendor	STRIN G(30)		Vendor
EXCH_ RATE	Unit Conversion Ratio(Base Qty.)	STRIN G(30)		
DENO_ RATE	Unit Conversion Ratio(Aux. Qty.)	STRIN G(30)		
OUT_P RICE1	Price A	NUME RIC(1 8,6)		Price A

OUT_P RICE1_ VAT_YN	Price A Tax Status	STRIN G(1)		Price A Tax Status (N:Not Included, Y:Included)
OUT_P RICE2	Price B	NUME RIC(1 8,6)		Price B
OUT_P RICE2_ VAT_YN	Price B Tax Status	STRIN G(1)		Price B Tax Status (N:Not Included, Y:Included)
OUT_P RICE3	Price C	NUME RIC(1 8,6)		Price C
OUT_P RICE3_ VAT_YN	Price C Tax Status	STRIN G(1)		Price C Tax Status (N:Not Included, Y:Included)
OUT_P RICE4	Price D	NUME RIC(1 8,6)		Price D
OUT_P RICE4_ VAT_YN	Price D Tax Status	STRIN G(1)		Price D Tax Status (N:Not Included, Y:Included)
OUT_P RICE5	Price E	NUME RIC(1 8,6)		Price E

OUT_P RICE5_ VAT_YN	Price E Tax Status	STRIN G(1)		Price E Tax Status (N:Not Included, Y:Included)
OUT_P RICE6	Price F	NUME RIC(1 8,6)		Price F
OUT_P RICE6_ VAT_YN	Price F Tax Status	STRIN G(1)		Price F Tax Status (N:Not Included, Y:Included)
OUT_P RICE7	Price G	NUME RIC(1 8,6)		Price G
OUT_P RICE7_ VAT_YN	Price G Tax Status	STRIN G(1)		Price G Tax Status (N:Not Included, Y:Included)
OUT_P RICE8	Price H	NUME RIC(1 8,6)		Price H
OUT_P RICE8_ VAT_YN	Price H Tax Status	STRIN G(1)		Price H Tax Status (N:Not Included, Y:Included)
OUT_P RICE9	Price I	NUME RIC(1 8,6)		Price I

OUT_P RICE9_ VAT_YN	Price I Tax Status	STRIN G(1)		Price I Tax Status (N:Not Included, Y:Included)
OUT_P RICE10	Price J	NUME RIC(1 8,6)		Price J
OUT_P RICE10 _VAT_Y N	Price J Tax Status	STRIN G(1)		Price J Tax Status (N:Not Included, Y:Included)
OUTSI DE_PRI CE	Outsourcing Price	NUME RIC(1 8,6)		Outsourcing Price
OUTSI DE_PRI CE_VAT	OE Price (Tax Status)	STRIN G(1)		OE Price Tax Status (N:Not Included, Y:Included)
LABOR _WEIG HT	Labor Cost	NUME RIC(7, 2)		Labor Cost
EXPEN SES_W EIGHT	Weighted Expense Ratio	NUME RIC(7, 2)		Weighted Expense Ratio
MATERI AL_CO ST	Standard Material Cost	NUME RIC(1 8,6)		Standard Material Cost

EXPENSE_COST	Standard Expenses	NUMERIC(18,6)		Standard Expenses
LABOR_COST	Standard Labor Cost	NUMERIC(18,6)		Standard Labor Cost
OUT_COST	Standard O/E Cost	NUMERIC(18,6)		Standard O/E Cost
CONT1	Text Type Add. Field 1	STRING(100)		Text Type Add. Field 1
CONT2	Text Type Add. Field 2	STRING(100)		Text Type Add. Field 2
CONT3	Text Type Add. Field 3	STRING(100)		Text Type Add. Field 3
CONT4	Text Type Add. Field 4	STRING(100)		Text Type Add. Field 4
CONT5	Text Type Add. Field 5	STRING(100)		Text Type Add. Field 5
CONT6	Text Type Add. Field 6	STRING(100)		Text Type Add. Field 6

NO_US ER1	Number Type Add. Field 1	NUME RIC(1 8,6)		Number Type Add. Field 1
NO_US ER2	Number Type Add. Field 2	NUME RIC(1 8,6)		Number Type Add. Field 2
NO_US ER3	Number Type Add. Field 3	NUME RIC(1 8,6)		Number Type Add. Field 3
NO_US ER4	Number Type Add. Field 4	NUME RIC(1 8,6)		Number Type Add. Field 4
NO_US ER5	Number Type Add. Field 5	NUME RIC(1 8,6)		Number Type Add. Field 5
NO_US ER6	Number Type Add. Field 6	NUME RIC(1 8,6)		Number Type Add. Field 6
NO_US ER7	Number Type Add. Field 7	NUME RIC(1 8,6)		Number Type Add. Field 7
NO_US ER8	Number Type Add. Field 8	NUME RIC(1 8,6)		Number Type Add. Field 8

NO_US ER9	Number Type Add. Field 9	NUME RIC(1 8,6)		Number Type Add. Field 9
NO_US ER10	Number Type Add. Field 10	NUME RIC(1 8,6)		Number Type Add. Field 10
ITEM_T YPE	Mgmt. Field	STRIN G(1)		Mgmt. Field(B:Default, M:Required, Y:Optional, N:Do Not Use)
SERIAL _TYPE	Serial/Lot No.	STRIN G(1)		Serial(B:Default, M:Required, Y:Optional, N:Do Not Use)
PROD_ SELL_T YPE	Auto-Create Manufacture Slip - Sales	STRIN G(1)		Auto-Create Manufacture Slip - Sales(B:Default, Y:Use, N:Do Not Use)
PROD_ WHMO VE_TY PE	Auto-Create Manufacture Slip - Location Tran.	STRIN G(1)		Auto-Create Manufacture Slip - Location Tran.(B:Default, Y:Use, N:Do Not Use)
QC_BU Y_TYP E	Auto-Create Quality Insp. Request - Purchases	STRIN G(1)		Auto-Create Quality Insp. Request - Purchases(B:Default, Y:Use, N:Do Not Use)
QC_YN	Request QC Insp.	STRIN G(1)		Request QC Insp.(Y:Use, N:Do not Use)

Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/ViewBasicProduct?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/ViewBasicProduct?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{"PROD_CD": "00001", "PROD_TYPE": "0"}
```

#### Example Result

```
[SUCCESS]
{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 0/30," 1 hour Allowable Amount" : 3/6000," 1
day Allowable Amount" : 4/10000",
    "TRACE_ID": "db6138411aad40e42dc5e209f65f6f3c",
    "Result": "[{"PROD_CD": "00001",
    "PROD_DES": "test123",
    "SIZE_FLAG": "1",
    "SIZE_DES": "6",
    "UNIT": "EA",
    "PROD_TYPE": "3",
    "SET_FLAG": "1",
    "BAL_FLAG": "1",
    "WH_CD": "00002",
    "IN_PRICE": "700.0000000000",
    "SIZE_CD": "",
    "IN_PRICE_VAT": "1",
    "REMARKS_WIN": "test",
    "CLASS_CD": "00001",
    "CLASS_CD2": "",
    "CLASS_CD3": "",
    "BAR_CODE": "8801166053051",
    "VAT_YN": "Y",
    "TAX": "20.000",
    "VAT_RATE_BY_BASE_YN": "Y",
    "VAT_RATE_BY": "20.00000",
    "CS_FLAG": "1",
    "REMARKS": "123",
    "INSPECT_TYPE_CD": "1",
    "INSPECT_STATUS": "L",
    "SAMPLE_PERCENT": "0.00",
    "IN_TERM": "0",
    "MIN_QTY": "0.0000000000",
    "CUST": "2118702818",
    "EXCH_RATE": "0.0000000000",
    "DENO_RATE": 1,
    "OUT_PRICE": "12000.0000000000",
    "OUT_PRICE1": "0.0000000000",
    "OUT_PRICE2": "0.0000000000",
    "OUT_PRICE3": "111.0000000000",
    "OUT_PRICE4": "0.0000000000",
    "OUT_PRICE5": "0.0000000000",
    "OUT_PRICE6": "0.0000000000",
    "OUT_PRICE7": "0.0000000000",
```



```

"OUT_PRICE8": "0.0000000000",
"OUT_PRICE9": "0.0000000000",
"OUT_PRICE10": "0.0000000000",
"OUT_PRICE_VAT": "1",
"OUT_PRICE1_VAT_YN": "N",
"OUT_PRICE2_VAT_YN": "Y",
"OUT_PRICE3_VAT_YN": "N",
"OUT_PRICE4_VAT_YN": "Y",
"OUT_PRICE5_VAT_YN": "N",
"OUT_PRICE6_VAT_YN": "N",
"OUT_PRICE7_VAT_YN": "N",
"OUT_PRICE8_VAT_YN": "N",
"OUT_PRICE9_VAT_YN": "N",
"OUT_PRICE10_VAT_YN": "N",
"OUTSIDE_PRICE": "6000.0000000000",
"OUTSIDE_PRICE_VAT": "1",
"LABOR_WEIGHT": "1.0000000000",
"EXPENSES_WEIGHT": "1.00",
"MATERIAL_COST": "0.0000000000",
"EXPENSE_COST": "0.0000000000",
"LABOR_COST": "0.0000000000",
"OUT_COST": "0.0000000000",
"CONT1": "",
"CONT2": "",
"CONT3": "",
"CONT4": "",
"CONT5": "",
"CONT6": "",
"NO_USER1": "0.0000000000",
"NO_USER2": "0.0000000000",
"NO_USER3": "0.0000000000",
"SERIAL_TYPE": "B",
"PROD_SELL_TYPE": "B",
"PROD_WHMOVE_TYPE": "B",
"QC_BUY_TYPE": "B",
"QC_YN": "B",
"SAFE_QTY": "0.0000000000"
}
]"
},
"Status": "200",
"Errors": null,
"Error": null,
"Timestamp": "2020-01-00 00:00:00.000",
"RequestKey": null,
"IsEnableNoL4": true,
"RefreshTimestamp": "0",
"AsyncActionKey": null
}

```

Description by Error Type

Please click the View Details link for a detailed description of each error type.

## Search Item API

### Overview

You can search Item data into Ecount ERP by linking it with the external service system.

### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/GetBasicProductsList?SESSION_ID={SESSION_ID}}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/GetBasicProductsList?SESSION_ID={SESSION_ID}}
Types of Data Format	JSON(Paramenter, Result)

### Types of Data Format

Parameter	Parameter Name	Characters	Ecount Required	Template Required	Description
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.
PROD_CD	Item Code	STRING(20000)			<p>Entries</p> <ul style="list-style-type: none"> <li>- Enter the item code you want to search.</li> <li>- Item information can be recognized even if a barcode is entered.</li> <li>- When searching for multiple items, you can search together by adding a delimiter '  '.</li> </ul> <p>Character Limit</p> <ul style="list-style-type: none"> <li>- Enter the pre-registered item code.</li> <li>- Up to 20000 characters.</li> </ul>
COMMA_FLAG	Incl. Comma	CHAR(1)			<p>In ECOUNT, Comma(',') is transmitted after converting it to ('  '), a delimiter.</p> <p>Therefore, if the item code contains a comma, enter Y.</p> <p>Default : 'N'</p> <p>Entries : 'Y', 'N'</p>

PROD_TYPE	Item Category	STRING(20)			<p>Entries</p> <ul style="list-style-type: none"> <li>- Enter the item type you want to search.</li> <li>- In order to search for multiple item types, you can add a separator '  ' between them.</li> </ul> <p>Character Limit</p> <ul style="list-style-type: none"> <li>- Enter the item type. If left blank, all item types will be searched.</li> <li>- 0 : Raw Material</li> <li>- 1 : Finished Good</li> <li>- 2 : Semi-Finished Good</li> <li>- 3 : Merchandise</li> <li>- 4 : Sub Material</li> <li>- 7 : Intangible Merchandise</li> <li>- Up to 20 characters.</li> </ul>
FROM_PROD_CD	Item Code	STRING(20)			<p>Entries</p> <ul style="list-style-type: none"> <li>- Enter the item code you want to search.</li> </ul> <p>Character Limit</p> <ul style="list-style-type: none"> <li>- Enter the pre-registered item code.</li> </ul>

					- Up to 1000 characters.
TO_PROD_CD	Item Code	STRING(20)			<p>Entries</p> <p>- Enter the item code you want to search.</p> <p>Character Limit</p> <p>- Enter the pre-registered item code.</p> <p>- Up to 1000 characters.</p>

#### Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			

MessageDetail	Error Details			
Data				
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INFO	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day
TRACE_ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error
Result				
PROD_CD	Item Code	STRING(20)	Y	Item Code
PROD_DES	Item Name	STRING(100)	Y	Item Name
SIZE_FLAG	Spec. Type	STRING(1)		Spec. Type (1: Spec. Name, 2: Spec. Group, 3: Spec. Calculation, 4: Spec. Calculation Group)
SIZE_DES	Spec.	STRING(100)		Spec.(If you select Spec. Group / Spec. Calculation Group, enter the already registered Group Code or Group Name.)
UNIT	Unit	STRING(6)		Unit

PROD_TYPE	Item Category	STRING(1)		Item Category : Raw Material0, Finished Goods1, Semi-Finished Goods2, Merchandise3, Sub Material4, Intangible Merchandise7. If not entered, default 3.
SET_FLAG	Bundle Item	STRING(1)		Bundle Item (1:Use, 0:Do not Use)
BAL_FLAG	Quantity Management	STRING(1)		Quantity Management (0:Non-stock Item, 1:Stock Item)
WH_CD	Process	STRING(5)		Process Code : Inv I > Setup > Location > New > Type : Factory > Process
IN_PRICE	Purchase Price	NUMERIC(18,6)		Purchase Price
IN_PRICE_VAT	Purchase Price(Tax Status)	STRING(1)		Purchase Price(Tax Status) : Not Included 0, Included 1. If not entered, default 0.
OUT_PRICE	Sales Price	NUMERIC(18,6)		Sales Price
OUT_PRICE_VAT	Sales Price (Tax Status)	STRING(1)		Sales Price(Tax Status) : Not Included 0, Included 1. If not entered, default 0.
REMARKS_WIN	Keyword	STRING(100)		Keyword

CLASS_CD	Group Code	STRING(5)		Item Group I Code
CLASS_CD2	Group Code 2	STRING(5)		Item Group II Code
CLASS_CD3	Group Code 3	STRING(5)		Item Group III Code
BAR_CODE	Barcode	STRING(30)		Barcode
VAT_YN	Tax Rate (Sales) Status	STRING(1)		Tax Rate(Sales)Status(N:Default, Y:Set Manually)
TAX	Tax Rate	NUMERIC(6, 3)		Tax Rate applied when entering a sales slip
VAT_RATE_BY_BASE_YN	Tax Rate (Purchases) Status	STRING(1)		Tax Rate(Purchases) Input Status(N:Default, Y:Set Manually)
VAT_RATE_BY	Tax Rate (Purchases)	NUMERIC(6, 3)		Tax Rate applied when entering a purchase slip
CS_FLAG	Share with C-Portal	STRING(1)		Share with C-Portal (1:Use, 0:Do not Use)



REMARKS	Remarks	STRING(100)		Remarks
INSPECT_TYPE_CD	Quality Inspection Type	STRING(30)		Quality Inspection Type : Inv. II > Quality Control > Quality Inspection > Reg. Inspection Type
INSPECT_STAT_US	QC Inspection Method	STRING(1)		QC Inspection Method(L:Lot, S:Sample)
SAMPLE_PERCENT	Sampling Ratio	NUMERIC(4,2)		Sampling Ratio
CSORD_C0001	C-Portal Min. S/O Qty. Check	STRING(1)		Set whether to check safety stock when entering the C-Portal Sales Order (0 : Default, 1 : Use, 2 : Do not use)
CSORD_TEXT	C-Portal Min. S/O Qty.	NUMERIC(15,3)		Enter the minimum quantity to use for sales orders in the C-Portal.
CSORD_C0003	C-Portal Min. S/O Unit	STRING(1)		Set the minimum quantity unit to use for sales orders in the C-Portal(Y:Use, N:Do Not Use)
INTERM	Lead Time	STRING(5)		Lead Time
MIN_QTY	Minimum Purchase Qty.	STRING(7)		Minimum Purchase Qty.

CUST	Vendor	STRIN G(30)		Vendor
EXCH_ RATE	Unit Conversion Ratio(Base Qty.)	STRIN G(30)		
DENO_ RATE	Unit Conversion Ratio(Aux. Qty.)	STRIN G(30)		
OUT_P RICE1	Price A	NUME RIC(1 8,6)		Price A
OUT_P RICE1_ VAT_YN	Price A Tax Status	STRIN G(1)		Price A Tax Status (N:Not Included, Y:Included)
OUT_P RICE2	Price B	NUME RIC(1 8,6)		Price B
OUT_P RICE2_ VAT_YN	Price B Tax Status	STRIN G(1)		Price B Tax Status (N:Not Included, Y:Included)
OUT_P RICE3	Price C	NUME RIC(1 8,6)		Price C

OUT_P RICE3_ VAT_YN	Price C Tax Status	STRIN G(1)		Price C Tax Status (N:Not Included, Y:Included)
OUT_P RICE4	Price D	NUME RIC(1 8,6)		Price D
OUT_P RICE4_ VAT_YN	Price D Tax Status	STRIN G(1)		Price D Tax Status (N:Not Included, Y:Included)
OUT_P RICE5	Price E	NUME RIC(1 8,6)		Price E
OUT_P RICE5_ VAT_YN	Price E Tax Status	STRIN G(1)		Price E Tax Status (N:Not Included, Y:Included)
OUT_P RICE6	Price F	NUME RIC(1 8,6)		Price F
OUT_P RICE6_ VAT_YN	Price F Tax Status	STRIN G(1)		Price F Tax Status (N:Not Included, Y:Included)
OUT_P RICE7	Price G	NUME RIC(1 8,6)		Price G

OUT_P RICE7_ VAT_YN	Price G Tax Status	STRIN G(1)		Price G Tax Status (N:Not Included, Y:Included)
OUT_P RICE8	Price H	NUME RIC(1 8,6)		Price H
OUT_P RICE8_ VAT_YN	Price H Tax Status	STRIN G(1)		Price H Tax Status (N:Not Included, Y:Included)
OUT_P RICE9	Price I	NUME RIC(1 8,6)		Price I
OUT_P RICE9_ VAT_YN	Price I Tax Status	STRIN G(1)		Price I Tax Status (N:Not Included, Y:Included)
OUT_P RICE10	Price J	NUME RIC(1 8,6)		Price J
OUT_P RICE10_ _VAT_Y N	Price J Tax Status	STRIN G(1)		Price J Tax Status (N:Not Included, Y:Included)
OUTSI DE_PRI CE	Outsourcing Price	NUME RIC(1 8,6)		Outsourcing Price

OUTSIDE_PRICE_VAT	OE Price (Tax Status)	STRING(1)		OE Price Tax Status (N:Not Included, Y:Included)
LABOR_WEIGHT	Labor Cost	NUMERIC(7,2)		Labor Cost
EXPENSE_WEIGHT	Weighted Expense Ratio	NUMERIC(7,2)		Weighted Expense Ratio
MATERIAL_COST	Standard Material Cost	NUMERIC(18,6)		Standard Material Cost
EXPENSE_COST	Standard Expenses	NUMERIC(18,6)		Standard Expenses
LABOR_COST	Standard Labor Cost	NUMERIC(18,6)		Standard Labor Cost
OUT_COST	Standard O/E Cost	NUMERIC(18,6)		Standard O/E Cost
CONT1	Text Type Add. Field 1	STRING(100)		Text Type Add. Field 1

CONT2	Text Type Add. Field 2	STRIN G(100)		Text Type Add. Field 2
CONT3	Text Type Add. Field 3	STRIN G(100)		Text Type Add. Field 3
CONT4	Text Type Add. Field 4	STRIN G(100)		Text Type Add. Field 4
CONT5	Text Type Add. Field 5	STRIN G(100)		Text Type Add. Field 5
CONT6	Text Type Add. Field 6	STRIN G(100)		Text Type Add. Field 6
NO_US ER1	Number Type Add. Field 1	NUME RIC(1 8,6)		Number Type Add. Field 1
NO_US ER2	Number Type Add. Field 2	NUME RIC(1 8,6)		Number Type Add. Field 2
NO_US ER3	Number Type Add. Field 3	NUME RIC(1 8,6)		Number Type Add. Field 3
NO_US ER4	Number Type Add. Field 4	NUME RIC(1 8,6)		Number Type Add. Field 4

NO_US ER5	Number Type Add. Field 5	NUME RIC(1 8,6)		Number Type Add. Field 5
NO_US ER6	Number Type Add. Field 6	NUME RIC(1 8,6)		Number Type Add. Field 6
NO_US ER7	Number Type Add. Field 7	NUME RIC(1 8,6)		Number Type Add. Field 7
NO_US ER8	Number Type Add. Field 8	NUME RIC(1 8,6)		Number Type Add. Field 8
NO_US ER9	Number Type Add. Field 9	NUME RIC(1 8,6)		Number Type Add. Field 9
NO_US ER10	Number Type Add. Field 10	NUME RIC(1 8,6)		Number Type Add. Field 10
ITEM_T YPE	Mgmt. Field	STRIN G(1)		Mgmt. Field(B:Default, M:Required, Y:Optional, N:Do Not Use)
SERIAL _TYPE	Serial/Lot No.	STRIN G(1)		Serial(B:Default, M:Required, Y:Optional, N:Do Not Use)

PROD_SELL_TYPE	Auto-Create Manufacture Slip - Sales	STRING(1)		Auto-Create Manufacture Slip - Sales(B:Default, Y:Use, N:Do Not Use)
PROD_WHMO_VE_TYPE	Auto-Create Manufacture Slip - Location Tran.	STRING(1)		Auto-Create Manufacture Slip - Location Tran.(B:Default, Y:Use, N:Do Not Use)
QC_BUY_TYPE	Auto-Create Quality Insp. Request - Purchases	STRING(1)		Auto-Create Quality Insp. Request - Purchases(B:Default, Y:Use, N:Do Not Use)
QC_YN	Request QC Insp.	STRING(1)		Request QC Insp.(Y:Use, N:Do not Use)

#### Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/GetBasicProductsList?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/InventoryBasic/GetBasicProductsList?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{"PROD_CD": "00001", "PROD_TYPE": "0"}
```

#### Example Result

```
[SUCCESS]
{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 0/30, "1 hour Allowable Amount" : 3/6000, "1 day Allowable Amount" : 4/10000",
    "TRACE_ID": "db6138411aad40e42dc5e209f65f6f3c",
    "Result": "[{"PROD_CD": "00001",
    "PROD_DES": "test123",
    "SIZE_FLAG": "1",
    "SIZE_DES": "6",
```



"UNIT": "EA",  
"PROD\_TYPE": "3",  
"SET\_FLAG": "1",  
"BAL\_FLAG": "1",  
"WH\_CD": "00002",  
"IN\_PRICE": "700.0000000000",  
"SIZE\_CD": "",  
"IN\_PRICE\_VAT": "1",  
"REMARKS\_WIN": "test",  
"CLASS\_CD": "00001",  
"CLASS\_CD2": "",  
"CLASS\_CD3": "",  
"BAR\_CODE": "8801166053051",  
"VAT\_YN": "Y",  
"TAX": "20.000",  
"VAT\_RATE\_BY\_BASE\_YN": "Y",  
"VAT\_RATE\_BY": "20.00000",  
"CS\_FLAG": "1",  
"REMARKS": "123",  
"INSPECT\_TYPE\_CD": "1",  
"INSPECT\_STATUS": "L",  
"SAMPLE\_PERCENT": "0.00",  
"IN\_TERM": "0",  
"MIN\_QTY": "0.0000000000",  
"CUST": "2118702818",  
"EXCH\_RATE": "0.0000000000",  
"DENO\_RATE": 1,  
"OUT\_PRICE": "12000.0000000000",  
"OUT\_PRICE1": "0.0000000000",  
"OUT\_PRICE2": "0.0000000000",  
"OUT\_PRICE3": "111.0000000000",  
"OUT\_PRICE4": "0.0000000000",  
"OUT\_PRICE5": "0.0000000000",  
"OUT\_PRICE6": "0.0000000000",  
"OUT\_PRICE7": "0.0000000000",  
"OUT\_PRICE8": "0.0000000000",  
"OUT\_PRICE9": "0.0000000000",  
"OUT\_PRICE10": "0.0000000000",  
"OUT\_PRICE\_VAT": "1",  
"OUT\_PRICE1\_VAT\_YN": "N",  
"OUT\_PRICE2\_VAT\_YN": "Y",  
"OUT\_PRICE3\_VAT\_YN": "N",  
"OUT\_PRICE4\_VAT\_YN": "Y",  
"OUT\_PRICE5\_VAT\_YN": "N",  
"OUT\_PRICE6\_VAT\_YN": "N",  
"OUT\_PRICE7\_VAT\_YN": "N",  
"OUT\_PRICE8\_VAT\_YN": "N",  
"OUT\_PRICE9\_VAT\_YN": "N",  
"OUT\_PRICE10\_VAT\_YN": "N",  
"OUTSIDE\_PRICE": "6000.0000000000",  
"OUTSIDE\_PRICE\_VAT": "1",  
"LABOR\_WEIGHT": "1.0000000000",  
"EXPENSES\_WEIGHT": "1.00",  
"MATERIAL\_COST": "0.0000000000",  
"EXPENSE\_COST": "0.0000000000",  
"LABOR\_COST": "0.0000000000",  
"OUT\_COST": "0.0000000000",

```

"CONT1": "",
"CONT2": "",
"CONT3": "",
"CONT4": "",
"CONT5": "",
"CONT6": "",
"NO_USER1": "0.0000000000",
"NO_USER2": "0.0000000000",
"NO_USER3": "0.0000000000",
"SERIAL_TYPE": "B",
"PROD_SELL_TYPE": "B",
"PROD_WHMOVE_TYPE": "B",
"QC_BUY_TYPE": "B",
"QC_YN": "B",
"SAFE_QTY": "0.0000000000"
}
]"
},
"Status": "200",
"Errors": null,
"Error": null,
"Timestamp": "2020-01-00 00:00:00.000",
"RequestKey": null,
"IsEnableNoL4": true,
"RefreshTimestamp": "0",
"AsyncActionKey": null
}

```

## Description by Error Type

Please click the View Details link for a detailed description of each error type.

## Quotation API

### Overview

You can input Quotation data into Ecount ERP by linking it with the external service system.

However, since only the fields added to the default input screen template within ERP can be entered

Template Required Fields(Parameter) of the input API are different for each company code

When sending a field that is not added to the input screen template, the data of that field is not entered.

#### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/Quotation/SaveQuotation?SESSION_ID={SESSION_ID}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/Quotation/SaveQuotation?SESSION_ID={SESSION_ID}
Types of Data Format	JSON(Parameter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Content Required	Template Required	Description
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.

QuotationList					
[BulkData s]	Information by each Sales Order Slip				Repeated part
UPLO AD_S ER_N O	Order	SMALLI NT(4,0)	Y		<p>Sequence</p> <p>* Entries</p> <p>- If you want to bundle them into the same slip, give the same order number.</p> <p>- It will considered part of the same slip based on the entered [Sequence] and [Batch Import Bundling Settings].</p> <p>* Character Limit</p> <p>- Up to 4 characters.</p>
IO_DA TE	Date	STRIN G(8)			<p>Quotation Date</p> <p>If left blank, the current date will be used.</p>
CUST	Customer/Vendor Code	STRIN G(30)			Quotation Customer Code (Customer/Vendor Code from the ERP)

					<p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
CUST_DES	Customer/Vendor Name	STRING(100)			<p>Quotation Customer Name (Customer/Vendor Name from the ERP)</p> <p>If left blank, the customer/vendor name of the entered ERP's customer/vendor code will be used.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
EMP_CD	PIC	STRING(30)			<p>PIC Code (PIC Code from the ERP)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
WH_CD	Location-Out	STRING(5)			<p>Location-Out Code (Location Code from the ERP)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
IO_TYPE	(Transaction) Type	STRING(2)			<p>Enter a tax type code.</p> <p>Refer to User Customization &gt; Configuration &gt; Function Setup &gt; General tab &gt; Tax Setup (Inv.) &gt; by Transaction Type &gt; Type Code.</p> <p>If left blank, the default tax type will be applied.</p>

					The field must be set up in Inv. I > Sales > [Input menu for Sales Order, Quotation, Sales] > Option > Input Screen Setting > Top section.
EXCH ANGE _TYP E	Foreign Currency Type	STRIN G(5)			<p>If it is set as a foreign transaction (Foreign type: 1), enter the foreign currency code.</p> <p>Refer to Inv. I &gt; Setup &gt; Foreign Currency.</p>
EXCH ANGE _RAT E	F/X Rate	NUME RIC(18, 4)			<p>If it is set as a foreign transaction, enter the exchange rate.</p> <p>If left blank, the exchange rate of the entered ERP's foreign currency code will be used.</p>
PJT_C D	Project	STRIN G(14)			<p>Project Code</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
DOC_ NO	Quotation No.	STRIN G(30)			<p>Quotation No.</p> <p>Enter it, If preset variable is [Set Manually] is set in User Customization &gt; Setup &gt; Function Setup &gt; General Tab &gt; Management No. &gt; Inventory No. &gt; Quotation No. &gt; Preset Variable &gt; Input Method.</p>
TTL_C TT	Title	STRIN G(200)			<p>Title</p> <p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab &gt; 'Title' Default setting &gt; Designate Manually.</p>

REF_ DES	Ref.	STRIN G(200)			<p>Ref. Details</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
COLL _TER M	Payment Terms	STRIN G(200)			<p>Payment Terms</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
AGRE E_TE RM	Expiration Date	STRIN G(200)			<p>Expiration Date</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO1	Text Type 1	STRIN G(6)			<p>Enter the field if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO2	Text Type 2	STRIN G(200)			<p>Enter the field if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>

U_ME MO3	Text Type 3	STRIN G(200)			<p>Enter the field if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO4	Text Type 4	STRIN G(200)			<p>Enter the field if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO5	Text Type 5	STRIN G(200)			<p>Enter the field if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_ TXT_0 1_T ~ ADD_ TXT_1 0_T	Add. Text Type 1 ~ Add. Text Type 10	STRIN G(200)			<p>Enter the field if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_ NUM_ 01_T ~ ADD_ NUM_ 05_T	Add. Numeric Type 1 ~ Add. Numeric Type 5	NUME RIC(28, 10)			<p>Enter the field if set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>



ADD_ CD_0 1_T ~ ADD_ CD_0 3_T	Add. Code Type 1 ~ Add. Code Type 3	STRIN G(100)			Enter the field if set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab.  The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab)
ADD_ DATE _01_T ~ ADD_ DATE _03_T	Add. Date Type 1 ~ Add. Date Type 3	STRIN G(8)			Enter the field if set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab.  The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab)
U_TX T1	Long Text Type1	STRIN G(2000 )			Enter the field if set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab.  The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab)
ADD_ LTXT_ 01_T ~ ADD_ LTXT_ 03_T	Add. Long Text Type 1 ~ Add. Long Text Type 3	STRIN G(2000 )			Enter the field if set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab.  The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Top tab)
PROD _CD	Item Code	STRIN G(20)	Y		Item Code (Item Code from the ERP)
PROD _DES	Item Name	STRIN G(100)			Item Name (Item Name from the ERP)

					If left blank, the item name of the entered ERP's item code will be used.
SIZE_ DES	Spec.	STRIN G(100)			<p>Specification (Spec. from the ERP)</p> <p>If left blank the specification of the entered ERP's item code will be used.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
UQTY	Aux. Qty.	NUME RIC(28, 10)			<p>Enter only if using Aux. Qty.</p> <p>(* if set up to use Base Qty. and Aux. Qty. in User Customization &gt; Configuration &gt; Function Setup &gt; Inv. tab &gt; Quantity Units &gt; Aux. Qty. Mgmt. Status &gt; Status of Apply Aux. Quantity.)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
QTY	Qty.	NUME RIC(28, 10)	Y		Sales Order Quantity
PRICE	Price	NUME RIC(18, 6)			<p>Quotation Price</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>

USER _PRIC E_VAT	Price (Tax Included)	NUME RIC(28, 10)			<p>Tax Included Price</p> <p>Enter the field if set up to use Price (Tax Included) in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
SUPP LY_A MT	Pretax Amount (Base Currency)	NUME RIC(28, 4)			<p>Pretax Amount (Base Currency)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
SUPP LY_A MT_F	Pretax Amount [Foreign Currency]	NUME RIC(28, 4)			<p>If it is set as a foreign transaction, enter the foreign amount.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
VAT_A MT	Tax	NUME RIC(28, 4)			<p>Tax</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
REMA RKS	Remarks	STRIN G(200)			<p>Remarks</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>

ITEM_CD	Mgmt. Field	STRING(14)			Mgmt. Field Code
P_AMOUNT1	Amount 1	NUMERIC(28,10)			<p>Enter only if is active in Inv. &gt;Quotation input screen &gt; Option &gt; Input Screen Setting &gt; Amount 1 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_AMOUNT2	Amount 2	NUMERIC(28,10)			<p>Enter only if is active in Inv. &gt;Quotation input screen &gt; Option &gt; Input Screen Setting &gt; Amount 2 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_REMARKS1	Remarks 1	STRING(100)			<p>Enter only if is active in Inv. &gt;Quotation input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 1 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_REMARKS2	Remarks 2	STRING(100)			<p>Enter only if is active in Inv. &gt;Quotation input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 2 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_REMARKS3	Remarks 3	STRING(100)			<p>Enter only if is active in Inv. &gt;Quotation input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 3 Bottom tab.</p>

					The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Quotation > Option > Input Screen Setting > Bottom tab)
ADD_ TXT_01 ~ ADD_ TXT_06	Add. Text Type 1 ~ Add. Text Type 6	STRING(200)			<p>Inv. &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab &gt; Add. Text Type 1 Enter if in use</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
ADD_ NUM_01 ~ ADD_ NUM_05	Add. Numeric Type 1 ~ Add. Numeric Type 5	NUMERIC(28, 10)			<p>Inv. &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab &gt; Add. Numeric Type 1 Enter if in use</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
ADD_ CD_01 ~ ADD_ CD_03	Add. Code Type Code 1 ~ Add. Code Type Code 3	STRING(100)			<p>Inv. &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab &gt; Add. Code Type Code 1 Enter if in use</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
ADD_ CD_NM_01 ~ ADD_ CD_NM_03	Add. Code Type Name 1 ~ Add. Code Type Name 3	STRING(100)			<p>Inv. &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab &gt; Add. Code Type Name 1 Enter if in use</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>

ADD_ DATE _01 ~ ADD_ DATE _03	Add. Date Type 1 ~ Add. Date Type 3	STRIN G(8)			<p>Inv. &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab &gt; Add. Date Type 1 Enter if in use</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Quotation &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
--	--	---------------	--	--	---

#### Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				Repeated part

Success Cnt	Number of Successes	STRIN G(20)	Y	
FailCnt	Number of Failures	STRIN G(20)	Y	
ResultD etails	Processed Results	STRIN G(400 0)	Y	
SlipNos	Quotation No.(ERP)	STRIN G(20)	Y	Quotation No.(Blank if failed)
EXPIRE _DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTI TY_INF O	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day
TRACE_ ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error

#### Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/Quotation/SaveQuotation?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/Quotation/SaveQuotation?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "QuotationList": [{
    "BulkDatas": {
      "IO_DATE": "20200213",
      "UPLOAD_SER_NO": "",
      "CUST": ""
    }
  }]
}
```

"CUST\_DES": "",  
"EMP\_CD": "",  
"WH\_CD": "",  
"IO\_TYPE": "",  
"EXCHANGE\_TYPE": "",  
"EXCHANGE\_RATE": "",  
"PJT\_CD": "",  
"REF\_DES": "",  
"COLL\_TERM": "",  
"AGREE\_TERM": "",  
"DOC\_NO": "",  
"TTL\_CTT": "",  
"U\_MEMO1": "",  
"U\_MEMO2": "",  
"U\_MEMO3": "",  
"U\_MEMO4": "",  
"U\_MEMO5": "",  
"ADD\_TXT\_01\_T": "",  
"ADD\_TXT\_02\_T": "",  
"ADD\_TXT\_03\_T": "",  
"ADD\_TXT\_04\_T": "",  
"ADD\_TXT\_05\_T": "",  
"ADD\_TXT\_06\_T": "",  
"ADD\_TXT\_07\_T": "",  
"ADD\_TXT\_08\_T": "",  
"ADD\_TXT\_09\_T": "",  
"ADD\_TXT\_10\_T": "",  
"ADD\_NUM\_01\_T": "",  
"ADD\_NUM\_02\_T": "",  
"ADD\_NUM\_03\_T": "",  
"ADD\_NUM\_04\_T": "",  
"ADD\_NUM\_05\_T": "",  
"ADD\_CD\_01\_T": "",  
"ADD\_CD\_02\_T": "",  
"ADD\_CD\_03\_T": "",  
"ADD\_DATE\_01\_T": "",  
"ADD\_DATE\_02\_T": "",  
"ADD\_DATE\_03\_T": "",  
"U\_TXT1": "",  
"ADD\_LTXT\_01\_T": "",  
"ADD\_LTXT\_02\_T": "",  
"ADD\_LTXT\_03\_T": "",  
"PROD\_CD": "00001",  
"PROD\_DES": "test",  
"SIZE\_DES": "",  
"UQTY": "",  
"QTY": "1",  
"PRICE": "",  
"USER\_PRICE\_VAT": "",  
"SUPPLY\_AMT": "",  
"SUPPLY\_AMT\_F": "",  
"VAT\_AMT": "",  
"REMARKS": "",  
"ITEM\_CD": "",  
"P\_AMT1": "",  
"P\_AMT2": "",  
"P\_REMARKS1": "",



```
"P_REMARKS2": "",
"P_REMARKS3": "",
"ADD_TXT_01": "",
"ADD_TXT_02": "",
"ADD_TXT_03": "",
"ADD_TXT_04": "",
"ADD_TXT_05": "",
"ADD_TXT_06": "",
"ADD_NUM_01": "",
"ADD_NUM_02": "",
"ADD_NUM_03": "",
"ADD_NUM_04": "",
"ADD_NUM_05": "",
"ADD_CD_01": "",
"ADD_CD_02": "",
"ADD_CD_03": "",
"ADD_CD_NM_01": "",
"ADD_CD_NM_02": "",
"ADD_CD_NM_03": "",
"ADD_CDNM_01": "",
"ADD_CDNM_02": "",
"ADD_CDNM_03": "",
"ADD_DATE_01": "",
"ADD_DATE_02": "",
"ADD_DATE_03": ""
}
},{
"BulkDatas": {
"IO_DATE": "20200213",
"UPLOAD_SER_NO": "",
"CUST": "",
"CUST_DES": "",
"EMP_CD": "",
"WH_CD": "",
"IO_TYPE": "",
"EXCHANGE_TYPE": "",
"EXCHANGE_RATE": "",
"PJT_CD": "",
"REF_DES": "",
"COLL_TERM": "",
"AGREE_TERM": "",
"DOC_NO": "",
"U_MEMO1": "",
"U_MEMO2": "",
"U_MEMO3": "",
"U_MEMO4": "",
"U_MEMO5": "",
"ADD_TXT_01_T": "",
"ADD_TXT_02_T": "",
"ADD_TXT_03_T": "",
"ADD_TXT_04_T": "",
"ADD_TXT_05_T": "",
"ADD_TXT_06_T": "",
"ADD_TXT_07_T": "",
"ADD_TXT_08_T": "",
"ADD_TXT_09_T": "",
"ADD_TXT_10_T": "",
```

```
"ADD_NUM_01_T": "",
"ADD_NUM_02_T": "",
"ADD_NUM_03_T": "",
"ADD_NUM_04_T": "",
"ADD_NUM_05_T": "",
"ADD_CD_01_T": "",
"ADD_CD_02_T": "",
"ADD_CD_03_T": "",
"ADD_DATE_01_T": "",
"ADD_DATE_02_T": "",
"ADD_DATE_03_T": "",
"U_TXT1": "",
"ADD_LTXT_01_T": "",
"ADD_LTXT_02_T": "",
"ADD_LTXT_03_T": "",
"PROD_CD": "00001",
"PROD_DES": "test",
"SIZE_DES": "",
"UQTY": "",
"QTY": "1",
"PRICE": "",
"USER_PRICE_VAT": "",
"SUPPLY_AMT": "",
"SUPPLY_AMT_F": "",
"VAT_AMT": "",
"REMARKS": "",
"ITEM_CD": "",
"P_AMT1": "",
"P_AMT2": "",
"P_REMARKS1": "",
"P_REMARKS2": "",
"P_REMARKS3": "",
"ADD_TXT_01": "",
"ADD_TXT_02": "",
"ADD_TXT_03": "",
"ADD_TXT_04": "",
"ADD_TXT_05": "",
"ADD_TXT_06": "",
"ADD_NUM_01": "",
"ADD_NUM_02": "",
"ADD_NUM_03": "",
"ADD_NUM_04": "",
"ADD_NUM_05": "",
"ADD_CD_01": "",
"ADD_CD_02": "",
"ADD_CD_03": "",
"ADD_CD_NM_01": "",
"ADD_CD_NM_02": "",
"ADD_CD_NM_03": "",
"ADD_CDNM_01": "",
"ADD_CDNM_02": "",
"ADD_CDNM_03": "",
"ADD_DATE_01": "",
"ADD_DATE_02": "",
"ADD_DATE_03": ""
}
}}
```

```
}
```

#### Example Result

```
[SUCCESS]
{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 3/6000," 1 day Allowable Amount" : 3/10000",
    "TRACE_ID": "db6138411aad40e42dc5e209f65f6f3c",
    "SuccessCnt": 2,
    "FailCnt": 0,
    "ResultDetails": "[{"IsSuccess": true, "TotalError": "[Slip Bundle 0] OK", "Errors": [], "Code": null}, {"IsSuccess": true, "TotalError": "[Slip Bundle 0] OK", "Errors": [], "Code": null}]",
    "SlipNos": "[\"20200213-2\"]"
  },
  "Status": "200",
  "Errors": null,
  "Error": null,
  "Timestamp": "2020-03-12 15:56:02.378",
  "RequestKey": null,
  "IsEnableNoL4": false,
  "RefreshTimestamp": null,
  "AsyncActionKey": null
}
```

#### [FAIL - Validation]

```
{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 3/6000," 1 day Allowable Amount" : 3/10000",
    "SuccessCnt": 0,
    "FailCnt": 2,
    "ResultDetails": "[{"IsSuccess": false, "TotalError": "[Slip Bundle 0] Date (E.D.R.P.)", "Errors": [{"ColCd": "IO_DATE", "Message": "Date (E.D.R.P.)"}, {"IsSuccess": false, "TotalError": "[Slip Bundle 1] Date (E.D.R.P.)", "Errors": [{"ColCd": "IO_DATE", "Message": "Date (E.D.R.P.)"}, {"Code": null}]}]",
    "SlipNos": null
  },
  "Status": "200",
  "Errors": null,
  "Error": null,
  "Timestamp": "2020-03-12 15:54:56.372",
  "RequestKey": null,
  "IsEnableNoL4": false,
}
```

```
"RefreshTimestamp": null,  
"AsyncActionKey": null  
}
```

#### Description by Error Type

Please click the View Details link for a detailed description of each error type.

### Sales Order API

#### Overview

You can input Sales Order data into Ecount ERP by linking it with the external service system.

However, since only the fields added to the default input screen template within ERP can be entered

Template Required Fields(Parameter) of the input API are different for each company code

When sending a field that is not added to the input screen template, the data of that field is not entered.

#### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json

Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/SaleOrder/SaveSaleOrder?SESSION_ID={SESSION_ID}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/SaleOrder/SaveSaleOrder?SESSION_ID={SESSION_ID}
Types of Data Format	JSON(Paramenter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Ecoun t Requ ired	Templ ate Requ ired	Description
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.
SaleOrderList					
[BulkData s]	Information by each Sales Order Slip				Repeated part

UPLO AD_S ER_N O	Order	SMALLI NT(4,0)	Y		<p>Sequence</p> <p>* Entries</p> <p>- If you want to bundle them into the same slip, give the same order number.</p> <p>- It will considered part of the same slip based on the entered [Sequence] and [Batch Import Bundling Settings].</p> <p>* Character Limit</p> <p>- Up to 4 characters.</p>
IO_DA TE	Date	STRIN G(8)			<p>Sales Order Date</p> <p>If left blank, the current date will be used.</p>
CUST	Customer/Vendor Code	STRIN G(30)	Y		<p>Sales Order Customer Code (Customer/Vendor code from ERP)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
CUST _DES	Customer/Vendor Name	STRIN G(100)			<p>Sales Order Customer Name (Customer/Vendor Name from the ERP)</p>

					<p>If left blank, the customer/vendor name of the entered ERP's customer/vendor code will be used.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
EMP_CD	PIC	STRING(30)			<p>PIC Code (PIC Code from the ERP)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
WH_CD	Location-Out	STRING(5)	Y		Location-Out Code (Location Code from the ERP)
IO_TYPE	(Transaction) Type	STRING(2)			<p>Enter a tax type code.</p> <p>Refer to User Customization &gt; Configuration &gt; Function Setup &gt; General tab &gt; Tax Setup (Inv.) &gt; by Transaction Type &gt; Type Code.</p> <p>If left blank, the default tax type will be applied.</p> <p>The field must be set up in Inv. I &gt; Sales &gt; [Input menu for Sales Order, Quotation, Sales] &gt; Option &gt; Input Screen Setting &gt; Top section.</p>
EXCHANGE_TYPE	Foreign Currency Type	STRING(5)			<p>If it is set as a foreign transaction (Foreign type: 1), enter the foreign currency code.</p> <p>Refer to Inv. I &gt; Setup &gt; Foreign Currency.</p>

EXCH ANGE _RAT E	F/X Rate	NUME RIC(18, 4)			<p>If it is set as a foreign transaction, enter the exchange rate.</p> <p>If left blank, the exchange rate of the entered ERP's foreign currency code will be used.</p>
PJT_C D	Project	STRIN G(14)			<p>Project Code</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
DOC_ NO	Sales Order No.	STRIN G(30)			<p>Sales Order Number</p> <p>If configured to be Set Manually, enter a number. To view the settings, go to User Customization &gt; Configuration &gt; Function Setup &gt; General &gt; Management No. &gt; Setup &gt; Sales Order No. &gt; Preset Variable &gt; Input Method.</p>
TTL_C TT	Title	STRIN G(200)			<p>Title</p> <p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab &gt; 'Title' Default setting &gt; Designate Manually.</p>
REF_ DES	Ref.	STRIN G(200)			<p>Ref. Details</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>



COLL _TER M	Payment Terms	STRIN G(200)			<p>Payment Terms</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
AGRE E_TE RM	Expiration Date	STRIN G(200)			<p>Expiration Date</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
TIME_ DATE	Delivery Date	STRIN G(8)			<p>Delivery Date</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
REMA RKS_ WIN	Keyword	STRIN G(50)			<p>Keyword</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO1	Text Type 1	STRIN G(6)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>

U_ME MO2	Text Type 2	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO3	Text Type 3	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO4	Text Type 4	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO5	Text Type 5	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_ TXT_0 1_T ~ ADD_ TXT_1 0_T	Add. Text Type 1 ~ Add. Text Type 10	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>

ADD_NUM_01_T ~ ADD_NUM_05_T	Add. Numeric Type 1 ~ Add. Numeric Type 5	NUMERIC(28, 10)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_CD_01_T ~ ADD_CD_03_T	Add. Code Type 1 ~ Add. Code Type 3	STRING(100)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_DATE_01_T ~ ADD_DATE_03_T	Add. Date Type 1 ~ Add. Date Type 3	STRING(8)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_TXT1	Long Text Type1	STRING(2000)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_LTXT_01_T ~ ADD_	Add. Long Text Type 1 ~ Add. Long Text Type 3	STRING(2000)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Top tab.</p>

LTXT_03_T					The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Sales Order > Option > Input Screen Setting > Top tab)
PROD_CD	Item Code	STRING(20)	Y		Item Code (Item Code from the ERP)
PROD_DES	Item Name	STRING(100)			Item Name (Item Name from the ERP)  If left blank, the item name of the entered ERP's item code will be used.
SIZE_DES	Spec.	STRING(100)			Specification (Spec. from the ERP)  If left blank the specification of the entered ERP's item code will be used.  The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Sales Order > Option > Input Screen Setting > Bottom tab)
UQTY	Aux. Qty.	NUMERIC(28, 10)			Enter only if using Aux. Qty.  (* if set up to use Base Qty. and Aux. Qty. in User Customization > Configuration > Function Setup > Inv. tab > Quantity Units > Aux. Qty. Mgmt. Status > Status of Apply Aux. Quantity.)  The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Sales Order > Option > Input Screen Setting > Bottom tab)

QTY	Qty.	NUMERIC(28, 10)	Y		Sales Order Quantity
PRICE	Price	NUMERIC(18, 6)			<p>Sales Order Price</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
USER_PRICE_VAT	Price (Tax Included)	NUMERIC(28, 10)			<p>Tax Included Price</p> <p>Enter the field if set up to use Price (Tax Included) in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
SUPPLY_AMOUNT	Pretax Amount (Base Currency)	NUMERIC(28, 4)			<p>Pretax Amount (Base Currency)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
SUPPLY_AMOUNT_F	Pretax Amount [Foreign Currency]	NUMERIC(28, 4)			<p>If it is set as a foreign transaction, enter the foreign amount.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>

VAT_A MT	Tax	NUMERIC(28, 4)			<p>Tax</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
ITEM_ TIME_ DATE	Delivery Date by Item	STRING(8)			<p>Delivery Date by Item (YYYYMMDD)</p> <p>If left blank, the delivery date will be used.</p>
REMA RKS	Remarks	STRING(200)			<p>Remarks</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
ITEM_ CD	Mgmt. Field	STRING(14)			<p>Mgmt. Field Code</p>
P_RE MARK S1	Remarks 1	STRING(100)			<p>Enter only if is active in Inv. &gt;Sales Order input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 1 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_RE MARK S2	Remarks 2	STRING(100)			<p>Enter only if is active in Inv. &gt;Sales Order input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 2 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>

P_RE MARK S3	Remarks 3	STRIN G(100)			<p>Enter only if is active in Inv. &gt;Sales Order input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 3 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
REL_ DATE	Quotation Date	STRIN G(8)			<p>Quotation Date</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
REL_ NO	Quotation No.	NUME RIC(5,0 )			<p>Quotation No.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_AM T1	Amount 1	NUME RIC(28, 10)			<p>Enter only if is active in Inv. &gt;Sales Order input screen &gt; Option &gt; Input Screen Setting &gt; Amount 1 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_AM T2	Amount 2	NUME RIC(28, 10)			<p>Enter only if is active in Inv. &gt;Sales Order input screen &gt; Option &gt; Input Screen Setting &gt; Amount 2 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>

ADD_ TXT_01 ~ ADD_ TXT_06	Add. Text Type 1 ~ Add. Text Type 6	STRING(200)			<p>Enter if Add. Text Type 1 has been set in Inv.I &gt; New Sales Order screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>
ADD_ NUM_01 ~ ADD_ NUM_05	Add. Numeric Type 1 ~ Add. Numeric Type 5	NUMERIC(28, 10)			<p>Enter if Add. Numeric Type 1 has been set in Inv.I &gt; New Sales Order screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>
ADD_ CD_01 ~ ADD_ CD_03	Add. Code Type Code 1 ~ Add. Code Type Code 3	STRING(100)			<p>Enter if Add. Code Type Code 1 has been set in Inv.I &gt; New Sales Order screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>
ADD_ CD_NM_01 ~ ADD_ CD_NM_03	Add. Code Type Name 1 ~ Add. Code Type Name 3	STRING(100)			<p>Enter if Add. Code Type Name 1 has been set in Inv.I &gt; New Sales Order screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales Order &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>
ADD_ DATE_01 ~	Add. Date Type 1 ~ Add. Date Type 3	STRING(8)			<p>Enter if Add. Date Type 1 has been set in Inv.I &gt; New Sales Order screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p>



ADD_ DATE _03					Must be entered if set as required (Required status can be set in Inv.I > Sales > New Sales Order > Option > Input Screen Setting > Bottom area)
---------------------	--	--	--	--	--

Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				Repeated part
Success Cnt	Number of Successes	STRING(20)	Y	

FailCnt	Number of Failures	STRING(20)	Y	
ResultDetails	Processed Results	STRING(4000)	Y	
SlipNos	Sales Order No. (ERP)	STRING(20)	Y	Sales Order Number (Blank if failed)
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INF	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day
TRACE_ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error

#### Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/SaleOrder/SaveSaleOrder?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/SaleOrder/SaveSaleOrder?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "SaleOrderList": [{
    "BulkDatas": {
      "IO_DATE": "20180612",
      "UPLOAD_SER_NO": "",
      "CUST": "00016",
      "CUST_DES": "(주)동희산업",
      "EMP_CD": "",
      "WH_CD": "00009",
      "IO_TYPE": "",
      "EXCHANGE_TYPE": "",
      "EXCHANGE_RATE": ""
    }
  }]
}
```

"PJT\_CD": "",  
"DOC\_NO": "",  
"TTL\_CTT": "",  
"REF\_DES": "",  
"COLL\_TERM": "",  
"AGREE\_TERM": "",  
"TIME\_DATE": "",  
"REMARKS\_WIN": "",  
"U\_MEMO1": "",  
"U\_MEMO2": "",  
"U\_MEMO3": "",  
"U\_MEMO4": "",  
"U\_MEMO5": "",  
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"ADD\_DATE\_03\_T": "",  
"U\_TXT1": "",  
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"ADD\_LTXT\_02\_T": "",  
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"PROD\_DES": "test",  
"SIZE\_DES": "",  
"UQTY": "",  
"QTY": "1",  
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"ITEM\_CD": "",  
"P\_REMARKS1": "",  
"P\_REMARKS2": "",  
"P\_REMARKS3": "",  
"ADD\_TXT\_01": "",  
"ADD\_TXT\_02": "",  
"ADD\_TXT\_03": "",

```

"ADD_TXT_04": "",
"ADD_TXT_05": "",
"ADD_TXT_06": "",
"REL_DATE": "",
"REL_NO": "",
"P_AMT1": "",
"P_AMT2": "",
"ADD_NUM_01": "",
"ADD_NUM_02": "",
"ADD_NUM_03": "",
"ADD_NUM_04": "",
"ADD_NUM_05": "",
"ADD_CD_01": "",
"ADD_CD_02": "",
"ADD_CD_03": "",
"ADD_CD_NM_01": "",
"ADD_CD_NM_02": "",
"ADD_CD_NM_03": "",
"ADD_CDNM_01": "",
"ADD_CDNM_02": "",
"ADD_CDNM_03": "",
"ADD_DATE_01": "",
"ADD_DATE_02": "",
"ADD_DATE_03": ""
}
},{
"BulkDatas": {
"IO_DATE": "20180612",
"UPLOAD_SER_NO": "",
"CUST": "00016",
"CUST_DES": "(주)동희산업",
"EMP_CD": "",
"WH_CD": "00009",
"IO_TYPE": "",
"EXCHANGE_TYPE": "",
"EXCHANGE_RATE": "",
"PJT_CD": "",
"DOC_NO": "",
"REF_DES": "",
"COLL_TERM": "",
"AGREE_TERM": "",
"TIME_DATE": "",
"REMARKS_WIN": "",
"U_MEMO1": "",
"U_MEMO2": "",
"U_MEMO3": "",
"U_MEMO4": "",
"U_MEMO5": "",
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"ADD_TXT_03_T": "",
"ADD_TXT_04_T": "",
"ADD_TXT_05_T": "",
"ADD_TXT_06_T": "",
"ADD_TXT_07_T": "",
"ADD_TXT_08_T": "",
"ADD_TXT_09_T": "",

```

"ADD\_TXT\_10\_T": "",  
"ADD\_NUM\_01\_T": "",  
"ADD\_NUM\_02\_T": "",  
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"ADD\_NUM\_04\_T": "",  
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"ADD\_DATE\_02\_T": "",  
"ADD\_DATE\_03\_T": "",  
"U\_TXT1": "",  
"ADD\_LTXT\_01\_T": "",  
"ADD\_LTXT\_02\_T": "",  
"ADD\_LTXT\_03\_T": "",  
"PROD\_CD": "00001",  
"PROD\_DES": "test",  
"SIZE\_DES": "",  
"UQTY": "",  
"QTY": "1",  
"PRICE": "",  
"USER\_PRICE\_VAT": "",  
"SUPPLY\_AMT": "",  
"SUPPLY\_AMT\_F": "",  
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"ITEM\_TIME\_DATE": "",  
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"ADD\_CD\_NM\_03": "",  
"ADD\_CDNM\_01": "",  
"ADD\_CDNM\_02": "",  
"ADD\_CDNM\_03": "",  
"ADD\_DATE\_01": "",

```

        "ADD_DATE_02": "",
        "ADD_DATE_03": ""
    }
}
}

```

#### Example Result

```

[SUCCESS]
{
    "Data": {
        "EXPIRE_DATE": "",
        "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 8/6000," 1
day Allowable Amount" : 8/10000",
        "TRACE_ID": "db6138411aad40e42dc5e209f65f6f3c",
        "SuccessCnt": 2,
        "FailCnt": 0,
        "ResultDetails": [{"IsSuccess": true,"TotalError": "[Slip Bundle0] OK","Errors": [],"Code": null}
                        {"IsSuccess": true,"TotalError": "[Slip Bundle0] OK","Errors": [],"Code": null}],
        "SlipNos": ["20180612-2"]
    },
    "Status": "200",
    "Error": null,
    "Timestamp": "2018-06-12 13:25:55.585",
    "RequestKey": "",
    "IsEnableNoL4": false
}

```

#### [FAIL - Validation]

```

{
    "Data": {
        "EXPIRE_DATE": "",
        "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 3/6000," 1
day Allowable Amount" : 3/10000",
        "SuccessCnt": 0,
        "FailCnt": 2,
        "ResultDetails": [{"IsSuccess": false,"TotalError": "[Slip Bundle0] Item Code (Required)",
                        "Errors": [{"ColCd": "PROD_CD","Message": "Item Code (Required)"},"Code": null},
                        {"IsSuccess": false,"TotalError": "[Slip Bundle1] Item Code (Required)",
                        "Errors": [{"ColCd": "PROD_CD","Message": "Item Code (Required)"},"Code": null}],
        "SlipNos": null
    },
    "Status": "200",
    "Error": null,
    "Timestamp": "2018-06-12 13:24:25.651",
    "RequestKey": "",
    "IsEnableNoL4": false
}

```

## Description by Error Type

Please click the View Details link for a detailed description of each error type.

## Sales API

### Overview

You can input Sales Order data into Ecount ERP by linking it with the external service system.

However, since only the fields added to the default input screen template within ERP can be entered

Template Required Fields(Parameter) of the input API are different for each company code

When sending a field that is not added to the input screen template, the data of that field is not entered.

### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/Sale/SaveSale?SESSION_ID={SESSION_ID}

Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/Sale/SaveSale?SESSION_ID={SESSION_ID}
Types of Data Format	JSON(Paramenter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Ecoun t Requi red	Templ ate Requi red	Description
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.
SaleList					
[BulkData s]	Information by each Sales Slip				Repeated part
UPLO AD_S ER_N O	Order	SMALLI NT(4,0)	Y		Sequence  * Entries  - If you want to bundle them into the same slip, give the same order number.



					<p>- It will considered part of the same slip based on the entered [Sequence] and [Batch Import Bundling Settings].</p> <p>* Character Limit</p> <p>- Up to 4 characters.</p>
IO_DATE	Sales Date	STRING(8)			<p>Sales Date</p> <p>If left blank, the current date will be used.</p>
CUST	Customer/Vendor Code	STRING(30)			<p>Sales Customer Code (Customer/Vendor Code from the ERP)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
CUST_DES	Customer/Vendor Name	STRING(50)			<p>Sales Customer Name (Customer/Vendor Name from the ERP)</p> <p>If left blank, the customer/vendor name of the entered ERP's customer/vendor code will be used.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
EMP_CD	PIC	STRING(30)			<p>PIC Code (PIC Code from the ERP)</p>

					The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Sales > Option > Input Screen Setting > Top tab)
WH_CD	Location-Out	STRING(5)	Y		Location-Out Code (Location Code from the ERP)
IO_TYPE	(Transaction) Type	STRING(2)			<p>Enter a tax type code.</p> <p>Refer to User Customization &gt; Configuration &gt; Function Setup &gt; General tab &gt; Tax Setup (Inv.) &gt; by Transaction Type &gt; Type Code.</p> <p>If left blank, the default tax type will be applied.</p> <p>The field must be set up in Inv. I &gt; Sales &gt; [Input menu for Sales Order, Quotation, Sales] &gt; Option &gt; Input Screen Setting &gt; Top section.</p>
EXCHANGE_TYPE	Foreign Currency Type	STRING(5)			<p>If it is set as a foreign transaction (Foreign type: 1), enter the foreign currency code.</p> <p>Refer to Inv. I &gt; Setup &gt; Foreign Currency.</p>
EXCHANGE_RATE	F/X Rate	NUMERIC(18, 4)			<p>If it is set as a foreign transaction, enter the exchange rate.</p> <p>If left blank, the exchange rate of the entered ERP's foreign currency code will be used.</p>
SITE	Dept.	STRING(100)			Dept. Code

					The fields set as [Required] must have an entry. (Inv. I > Sales > New Sales > Option > Input Screen Setting > Top tab)
PJT_CD	Project	STRING(14)			<p>Project Code</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
DOC_NO	Sales No.	STRING(30)			<p>Sales Number</p> <p>If configured to be Set Manually, enter a number. To view the settings, go to User Customization &gt; Configuration &gt; Function Setup &gt; General &gt; Management No. &gt; Setup &gt; Sales No. &gt; Preset Variable &gt; Input Method.</p>
TTL_CTT	Title	STRING(200)			<p>Title</p> <p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab &gt; 'Title' Default setting &gt; Designate Manually.</p>
U_MEMO1	Text Type 1	STRING(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_MEMO2	Text Type 2	STRING(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p>

					<p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO3	Text Type 3	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO4	Text Type 4	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_ME MO5	Text Type 5	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_ TXT_0 1_T ~ ADD_ TXT_1 0_T	Add. Text Type 1 ~ Add. Text Type 10	STRIN G(200)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>

ADD_NUM_01_T ~ ADD_NUM_05_T	Add. Numeric Type 1 ~ Add. Numeric Type 5	NUMERIC(28, 10)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_CD_01_T ~ ADD_CD_03_T	Add. Code Type 1 ~ Add. Code Type 3	STRING(100)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_DATE_01_T ~ ADD_DATE_03_T	Add. Date Type 1 ~ Add. Date Type 3	STRING(8)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
U_TXT1	Long Text Type1	STRING(2000)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
ADD_LTXT_01_T ~ ADD_	Add. Long Text Type 1 ~ Add. Long Text Type 3	STRING(2000)			<p>Enter the field only if set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Top tab.</p>

LTXT_03_T					The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Sales > Option > Input Screen Setting > Top tab)
PROD_CD	Item Code	STRING(20)	Y		Item Code (Item Code from the ERP)
PROD_DES	Item Name	STRING(100)			Item Name (Item Name from the ERP)  If left blank, the item name of the entered ERP's item code will be used.
SIZE_DES	Spec.	STRING(100)			Specification (Spec. from the ERP)  If left blank the specification of the entered ERP's item code will be used.
UQTY	Aux. Qty.	NUMERIC(28, 10)			Enter only if using Aux. Qty.  (* if set up to use Base Qty. and Aux. Qty. in User Customization > Configuration > Function Setup > Inv. tab > Quantity Units > Aux. Qty. Mgmt. Status > Status of Apply Aux. Quantity.)  The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Sales > Option > Input Screen Setting > Bottom tab)
QTY	Qty.	NUMERIC(28, 10)	Y		Sales Quantity

PRICE	Price	NUMERIC(28, 10)			<p>Sales Price</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
USER_PRICE_VAT	Price (Tax Included)	NUMERIC(28, 10)			<p>Tax Included Price</p> <p>Enter the field if set up to use Price (Tax Included) in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
SUPPLY_AMOUNT	Pretax Amount (Base Currency)	NUMERIC(28, 4)			<p>Pretax Amount (Base Currency)</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
SUPPLY_AMOUNT_F	Pretax Amount [Foreign Currency]	NUMERIC(28, 4)			<p>If it is set as a foreign transaction, enter the foreign amount.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
VAT_AMOUNT	Tax	NUMERIC(28, 4)			<p>Tax</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>

REMARKS	Remarks	STRING(200)			<p>Remarks</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
ITEM_CD	Mgmt. Field	STRING(14)			Mgmt. Field Code
P_REMARK_S1	Remarks 1	STRING(100)			<p>Enter only if is active in Inv. &gt;Sales input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 1 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_REMARK_S2	Remarks 2	STRING(100)			<p>Enter only if is active in Inv. &gt;Sales input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 2 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_REMARK_S3	Remarks 3	STRING(100)			<p>Enter only if is active in Inv. &gt;Sales input screen &gt; Option &gt; Input Screen Setting &gt; Remarks 3 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
P_AMOUNT1	Amount 1	NUMERIC(28,10)			Enter only if is active in Inv. >Sales input screen > Option > Input Screen Setting > Amount 1 Bottom tab.



					The field must be entered if set as [Required]. (Required status can be set up in Inv. I > Sales > New Sales > Option > Input Screen Setting > Bottom tab)
P_AM T2	Amount 2	NUMERIC(28, 10)			<p>Enter only if is active in Inv. &gt;Sales input screen &gt; Option &gt; Input Screen Setting &gt; Amount 2 Bottom tab.</p> <p>The field must be entered if set as [Required]. (Required status can be set up in Inv. I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom tab)</p>
ADD_ TXT_0 1 ~ ADD_ TXT_0 6	Add. Text Type 1 ~ Add. Text Type 6	STRING(200)			<p>Enter if Add. Text Type 1 has been set in Inv.I &gt; New Sales screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>
ADD_ NUM_ 01 ~ ADD_ NUM_ 05	Add. Numeric Type 1 ~ Add. Numeric Type 5	NUMERIC(28, 10)			<p>Enter if Add. Numeric Type 1 has been set in Inv.I &gt; New Sales screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>
ADD_ CD_0 1 ~ ADD_ CD_0 3	Add. Code Type Code 1 ~ Add. Code Type Code 3	STRING(100)			<p>Enter if Add. Code Type Code 1 has been set in Inv.I &gt; New Sales screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>

ADD_CD_N M_01 ~ ADD_CD_N M_03	Add. Code Type Name 1 ~ Add. Code Type Name 3	STRIN G(100)			<p>Enter if Add. Code Type Name 1 has been set in Inv.I &gt; New Sales screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>
ADD_DATE _01 ~ ADD_DATE _03	Add. Date Type 1 ~ Add. Date Type 3	STRIN G(8)			<p>Enter if Add. Date Type 1 has been set in Inv.I &gt; New Sales screen &gt; Option &gt; Input Screen Setting &gt; Bottom area.</p> <p>Must be entered if set as required (Required status can be set in Inv.I &gt; Sales &gt; New Sales &gt; Option &gt; Input Screen Setting &gt; Bottom area)</p>

## Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			

Message	Error Message			
MessageDetail	Error Details			
Data				
Data				Repeated part
SuccessCnt	Number of Successes	STRING(20)	Y	
FailCnt	Number of Failures	STRING(20)	Y	
ResultDetails	Processed Results	STRING(4000)	Y	
SlipNos	Sales No. (ERP)	STRING(20)	Y	Sales Number (Blank if failed)
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INFO	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day

TRACE_ ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error
--------------	----------------------------------	--	---	--

#### Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/Sale/SaveSale?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/Sale/SaveSale?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "SaleList": [{
    "BulkDatas": {
      "IO_DATE": "20180612",
      "UPLOAD_SER_NO": "",
      "CUST": "",
      "CUST_DES": "",
      "EMP_CD": "",
      "WH_CD": "00009",
      "IO_TYPE": "",
      "EXCHANGE_TYPE": "",
      "EXCHANGE_RATE": "",
      "SITE": "",
      "PJT_CD": "",
      "DOC_NO": "",
      "TTL_CTT": "",
      "U_MEMO1": "",
      "U_MEMO2": "",
      "U_MEMO3": "",
      "U_MEMO4": "",
      "U_MEMO5": "",
      "ADD_TXT_01_T": "",
      "ADD_TXT_02_T": "",
      "ADD_TXT_03_T": "",
      "ADD_TXT_04_T": "",
      "ADD_TXT_05_T": "",
      "ADD_TXT_06_T": "",
      "ADD_TXT_07_T": "",
      "ADD_TXT_08_T": "",
      "ADD_TXT_09_T": "",
      "ADD_TXT_10_T": "",
      "ADD_NUM_01_T": "",
      "ADD_NUM_02_T": "",
      "ADD_NUM_03_T": "",
      "ADD_NUM_04_T": "",
      "ADD_NUM_05_T": "",
      "ADD_CD_01_T": "",
      "ADD_CD_02_T": "",
      "ADD_CD_03_T": "",
      "ADD_DATE_01_T": "",
      "ADD_DATE_02_T": ""
    }
  ]
}
```

```
"ADD_DATE_03_T": "",
"U_TXT1": "",
"ADD_LTXT_01_T": "",
"ADD_LTXT_02_T": "",
"ADD_LTXT_03_T": "",
"PROD_CD": "00001",
"PROD_DES": "test",
"SIZE_DES": "",
"UQTY": "",
"QTY": "1",
"PRICE": "",
"USER_PRICE_VAT": "",
"SUPPLY_AMT": "",
"SUPPLY_AMT_F": "",
"VAT_AMT": "",
"REMARKS": "",
"ITEM_CD": "",
"P_REMARKS1": "",
"P_REMARKS2": "",
"P_REMARKS3": "",
"ADD_TXT_01": "",
"ADD_TXT_02": "",
"ADD_TXT_03": "",
"ADD_TXT_04": "",
"ADD_TXT_05": "",
"ADD_TXT_06": "",
"REL_DATE": "",
"REL_NO": "",
"MAKE_FLAG": "",
"CUST_AMT": "",
"P_AMT1": "",
"P_AMT2": "",
"ADD_NUM_01": "",
"ADD_NUM_02": "",
"ADD_NUM_03": "",
"ADD_CD_01": "",
"ADD_CD_02": "",
"ADD_CD_03": "",
"ADD_CD_NM_01": "",
"ADD_CD_NM_02": "",
"ADD_CD_NM_03": "",
"ADD_CDNM_01": "",
"ADD_CDNM_02": "",
"ADD_CDNM_03": "",
"ADD_DATE_01": "",
"ADD_DATE_02": "",
"ADD_DATE_03": ""
}
}]
```

```
}
```

Description

[SUCCESS]

```

{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 0/30," 1 hour Allowable Amount" : 9/6000," 1
day Allowable Amount" :9/10000",
    "TRACE_ID": "db6138411aad40e42dc5e209f65f6f3c",
    "SuccessCnt": 2,
    "FailCnt": 0,
    "ResultDetails": [{"IsSuccess": true,"TotalError": "[Slip Bundle0] OK","Errors": [],"Code": null}
      {"IsSuccess": true,"TotalError": "[Slip Bundle0] OK","Errors": [],"Code": null}],
    "SlipNos": ["20180612-2"]
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018-06-12 13:23:11.262",
  "RequestKey": "",
  "IsEnableNoL4": false
}

```

[FAIL - Validation]

```

{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 9/6000," 1
day Allowable Amount" : 9/10000",
    "SuccessCnt": 0,
    "FailCnt": 2,
    "ResultDetails": [{"IsSuccess": false,"TotalError": "[Slip Bundle0] Item Code (Required), Item Name (Required), Qty.
(Required)",
      "Errors": [{"ColCd": "PROD_CD","Message": "Item Code (Required)"}, {"ColCd": "PROD_DES","Message":
"Item Name (Required)"}], "Code": null},
      {"IsSuccess": false,"TotalError": "[Slip Bundle1] Item Code (Required), Item Name (Required), Qty.
(Required)",
      "Errors": [{"ColCd": "PROD_CD","Message": "Item Code (Required)"}, {"ColCd": "PROD_DES","Message":
"Item Name (Required)"}], "Code": null}],
    "SlipNos": null
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018-06-12 13:21:37.186",
  "RequestKey": "",
  "IsEnableNoL4": false
}

```

## Description by Error Type

Please click the View Details link for a detailed description of each error type.

## Purchase Order List API

### Overview

You can search Purchase Order data into Ecount ERP by linking it with the external service system.

### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/Purchases/GetPurchasesOrderList?SESSION_ID={SESSION_ID}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/Purchases/GetPurchasesOrderList?SESSION_ID={SESSION_ID}
Types of Data Format	JSON(Parameter, Result)

### Types of Data Format

Parameter	Parameter Name	Characters	Ecount	Template	Description
-----------	----------------	------------	--------	----------	-------------

			Required	Required	
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.
PROD_CD	Item Code	STRING(1000)			<p>Entries</p> <ul style="list-style-type: none"> <li>- Enter the item code you want to search.</li> <li>- Item information can be recognized even if a barcode is entered.</li> <li>- When searching for multiple items, you can search together by adding a delimiter '  '.</li> </ul> <p>Character Limit</p> <ul style="list-style-type: none"> <li>- Enter the pre-registered item code.</li> <li>- Up to 20 characters.</li> </ul>
CUST_CD	Customer/Vendor Code	STRING(1000)			<p>Entries</p> <ul style="list-style-type: none"> <li>- Enter the customer code you want to search.</li> <li>- When searching for multiple customers, you can search together by adding a delimiter '  '.</li> </ul> <p>Character Limit</p> <ul style="list-style-type: none"> <li>- Enter the pre-registered customer code.</li> <li>- Up to 1000 characters.</li> </ul>



ListParam					
BASE_DATE_FROM	Search Start Time	STRING(8)	Y		<p>Entries</p> <p>- Enter the start date you want to search.</p> <p>Character Limit</p> <p>- YYYYMMDD</p>
BASE_DATE_TO	Search End Time	STRING(8)	Y		<p>Entries</p> <p>- Enter the end date you want to search.</p> <p>Character Limit</p> <p>- YYYYMMDD</p> <p>You can view data for up to 30 days.</p>
PAGE_CURRENT	Page No.	INT			Default 1
PAGE_SIZE	Rows to Display	INT			<p>Default 26</p> <p>Maximum value 100</p>

Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred
Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				
TotalCnt	Number of Successes	Int	Y	
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INFO	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day

TRACE_ ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error
Result				Repeated part
ORD _NO	Purchase Order No.			
ORD _DATE	Date			
WH_ CD	Location Code			
WH_ DES	Location Name			
PJT_ CD	Project Code			
PJT_ DES	Project Name			
EMP _CD	PIC Code			
CUS T_NAME	PIC Name			

CUS T	Customer/Vendor Code			
CUS T_DE S	Customer/Vendor Name			
FOR EIGN _FLA G	Domestic/Foreign			
EXC HAN GE_T YPE	Foreign Currency Type			
COD E_DE S	Foreign Currency Name			
EXC HAN GE_ RATE	F/X Rate			
REF_ DES	Ref.			
P_DE S1	Text Type1			

P_DE S2	Text Type2			
P_DE S3	Text Type3			
P_DE S4	Text Type4			
P_DE S5	Text Type5			
P_DE S6	Long Text Type1			
P_FL AG	Progress Status			1:In Progress, 9:Finish - Displays the corresponding value by setting Progress Status Code in [Inv. I > Purchases > Purchase Order > Purchase Oder List > Option > List Tab Setting].
IO_T YPE	Transaction Type			1:Sales, 2:Purchases, 4:Production
SEN D_FL AG	Purchase Order Email			0:Waiting, E:Transmitted
PRO D_D ES	Item Name [Spec. Name]			

EDM S_DATE	e-Approval Date			
EDM S_NO	e-Approval No.			
EDM S_APPROPE	e-Approval Status			0:Drafts, 1:e-Approval, 3:Rejected, 9:Close
IO_DATE	Purchase Plan Date			
IO_NO	Purchase Plan No.			
WRITER_ID	Creator			
WRITE_DT	Creation Date			
LOGID	Last Modifier			
UPDATE_DATE	Last Modified Date			

UQTY	Total Qty. (Aux. Qty.)			
QTY	Total Purchase Order Qty.			
BUY_AMT	Total Purchase Order Pretax Amount			
VAT_AMT	Total Purchase Order Tax			
BUY_AMT_F	Total Purchase Order F/C Amount			
TITLE	Title			
TIME_DELIVERY	Delivery Date			

#### Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/Purchases/GetPurchasesOrderList?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/Purchases/GetPurchasesOrderList?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "PROD_CD": "",
  "CUST_CD": "",
  "ListParam": {
    "PAGE_CURRENT": 1,
```

```

        "PAGE_SIZE":100,
        "BASE_DATE_FROM":"20190701",
        "BASE_DATE_TO":"20190730"
    }
}

```

#### Example Result

```

[SUCCESS]
{
    "Data": {
        "EXPIRE_DATE": "",
        "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 0/30," 1 hour Allowable Amount" : 3/6000," 1
day Allowable Amount" : 11/10000",
        "TRACE_ID": "db6138411aad40e42dc5e209f65f6f3c",
        "Result": [
            {
                "ORD_NO": 2,
                "ORD_DATE": "20190729",
                "WH_CD": "00001",
                "WH_DES": "test",
                "PJT_CD": "00001",
                "PJT_DES": "프로젝트A",
                "EMP_CD": "100",
                "CUST_NAME": "테스트",
                "CUST": "2312891",
                "CUST_DES": "bmt",
                "FOREIGN_FLAG": "0",
                "EXCHANGE_TYPE": "",
                "CODE_DES": null,
                "EXCHANGE_RATE": "0.0000",
                "REF_DES": "",
                "P_DES1": "",
                "P_DES2": "",
                "P_DES3": "",
                "P_DES4": "",
                "P_DES5": "",
                "P_DES6": "",
                "P_FLAG": "9",
                "IO_TYPE": "21",
                "SEND_FLAG": "0",
                "PROD_DES": "20190212",
                "EDMS_DATE": "",
                "EDMS_NO": 0,
                "EDMS_APP_TYPE": null,
                "IO_DATE": "",
                "IO_NO": 0,
                "WRITER_ID": "승원",
                "WRITE_DT": "2019-07-29T17:07:46.567",
                "LOGID": "승원",
                "UPDATE_DATE": "2019-07-29 17:10:01.569",
                "UQTY": "0.0000000000",
                "QTY": "11.0000000000",
                "BUY_AMT": "0.0000"
            }
        ]
    }
}

```



```

        , "VAT_AMT": "0.0000"
        , "BUY_AMT_F": "0.0000"
        , "TTL_CTT": "2019/07/29-2 20190212"
        , "TIME_DATE": "20190729"
    },
    {
        "ORD_NO": 1
        , "ORD_DATE": "20190729"
        , "WH_CD": "00001"
        , "WH_DES": "test"
        , "PJT_CD": "00001"
        , "PJT_DES": "프로젝트A"
        , "EMP_CD": "100"
        , "CUST_NAME": "테스트"
        , "CUST": "2312891"
        , "CUST_DES": "bmt"
        , "FOREIGN_FLAG": "0"
        , "EXCHANGE_TYPE": ""
        , "CODE_DES": null
        , "EXCHANGE_RATE": "0.0000"
        , "REF_DES": ""
        , "P_DES1": ""
        , "P_DES2": ""
        , "P_DES3": ""
        , "P_DES4": ""
        , "P_DES5": ""
        , "P_DES6": ""
        , "P_FLAG": "0"
        , "IO_TYPE": "21"
        , "SEND_FLAG": "0"
        , "PROD_DES": "test1"
        , "EDMS_DATE": ""
        , "EDMS_NO": 0
        , "EDMS_APP_TYPE": null
        , "IO_DATE": ""
        , "IO_NO": 0
        , "WRITER_ID": "승원"
        , "WRITE_DT": "2019-07-29T17:06:55.063"
        , "LOGID": "승원"
        , "UPDATE_DATE": "2019-07-29 17:06:55.064"
        , "UQTY": "0.0000000000"
        , "QTY": "1.0000000000"
        , "BUY_AMT": "0.0000"
        , "VAT_AMT": "0.0000"
        , "BUY_AMT_F": "0.0000"
        , "TTL_CTT": "2019/07/29-1 test1"
        , "TIME_DATE": "20190729"
    }
],
"TotalCnt": 10,
},
"Status": "200",
"Error": null,
"Timestamp": "2018-06-12 13:25:55.585",
"RequestKey": "",
"IsEnableNoL4": false
}

```

[FAIL - Validation]

```
{
  "Data":null
  ,"Status":500
  ,"Errors":[
    {
      "ProgramId":"
      ,"Name":"
      ,"Code":"EXP00001
      ,"Message":"Search Range Is Less Than 31
      ,"Param":null
    }
  ]
  ,"Error":{
    "Code":0
    ,"Message":"Search Range Is Less Than 31"
    ,"MessageDetail":""
  }
  ,"Timestamp":null
  ,"RequestKey":null
  ,"IsEnableNoL4":false
  ,"RefreshTimestamp":"0"
  ,"AsyncActionKey":null
}
```

## Description by Error Type

Please click the View Details link for a detailed description of each error type.

## New Purchases API

### Overview

You can input Purchases data into Ecount ERP by linking it with the external service system.

However, since only the fields added to the default input screen template within ERP can be entered

Template Required Fields(Parameter) of the input API are different for each company code

When sending a field that is not added to the input screen template, the data of that field is not entered.

#### Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/Purchases/SavePurchases?SESSION_ID={SESSION_ID}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/Purchases/SavePurchases?SESSION_ID={SESSION_ID}
Types of Data Format	JSON(Parameter, Result)

#### Types of Data Format

Parameter	Parameter Name	Characters	Ecoun t Requ ired	Templ ate Requ ired	Description
SESSION_ID	Session ID	STRING(50)	Y		SESSION_ID (Session ID) that is given after calling the Login API.

PurchasesList					
[BulkData s]	Information by each Sales Order Slip				Repeated part
UPLO AD_S ER_N O	Order	SMALLI NT(4,0)	Y		<p>Sequence</p> <p>* Entries</p> <p>- If you want to bundle them into the same slip, give the same order number.</p> <p>- It will considered part of the same slip based on the entered [Sequence] and [Batch Import Bundling Settings].</p> <p>* Character Limit</p> <p>- Up to 4 characters.</p>
IO_DA TE	Date	STRIN G(8)			<p>Date</p> <p>* Entries</p> <p>- Enter the date that transaction occurred..</p>

				<p>- If not entered, the date will be entered according to the default priority of the input screen setting.</p> <p>* Character Limit</p> <p>- YYYYMMDD</p>
CUST	Customer/Vendor Code	STRIN G(30)		<p>Customer/Vendor Code</p> <p>* Entries</p> <p>- Enter the customer code.</p> <p>- If you enter only the customer code, the customer name is automatically entered.</p> <p>- If you enter only the customer name, the customer code is automatically entered.</p> <p>* Character Limit</p> <p>- Enter the pre-registered customer code.</p> <p>- Up to 30 characters.</p>

CUST _DES	Customer/Vendor Name	STRIN G(100)		<p>Customer/Vendor Name</p> <p>* Entries</p> <ul style="list-style-type: none"> <li>- Enter the customer name.</li> <li>- If you enter only the customer code, the customer name is automatically entered.</li> <li>- If you enter only the customer name, the customer code is automatically entered.</li> </ul> <p>* Character Limit</p> <ul style="list-style-type: none"> <li>- Enter the pre-registered customer code. Up to 100 characters.</li> </ul>
EMP_ CD	PIC	STRIN G(30)		<p>PIC</p> <p>* Entries</p> <ul style="list-style-type: none"> <li>- Enter the PIC code or PIC name responsible for the transaction.</li> </ul> <p>* Character Limit</p>

					<ul style="list-style-type: none"> <li>- Enter the pre-registered PIC code.</li> <li>- Up to 30 characters (code) or 50 characters (name).</li> </ul>
WH_CD	Location-In	STRING(5)			<p>Location Code</p> <p>* Input</p> <ul style="list-style-type: none"> <li>- Enter the location code.</li> <li>- Please enter an existing location code.</li> </ul> <p>* Character Limit</p> <ul style="list-style-type: none"> <li>- Up to 5 characters.</li> </ul>
IO_TYPE	(Transaction) Type	STRING(2)			<p>* Entries</p> <ul style="list-style-type: none"> <li>- Enter the corresponding transaction type code.</li> <li>- Refer to User Customization &gt; Configuration &gt; Function Setup &gt; General tab &gt; Tax Setup (Inv.) &gt; by Transaction Type &gt; Type Code.</li> <li>- If nt entered, the default transaction type will apply.</li> </ul>

EXCHANGE_TYPE	Foreign Currency Type	STRING(5)		<p>Foreign Currency Code</p> <p>* Entries</p> <ul style="list-style-type: none"> <li>- For foreign currency transactions, enter the foreign currency code or name.</li> <li>- If not entered, the default setting of the default template will be applied.</li> </ul> <p>* Character Limit</p> <ul style="list-style-type: none"> <li>- Enter the registered foreign currency code.</li> </ul>
EXCHANGE_RATE	F/X Rate	NUMERIC(18, 4)		<p>F/X Rate</p> <p>* Entries</p> <ul style="list-style-type: none"> <li>- If you entered a foreign currency code, enter the F/X rate at the time of the transaction.</li> </ul> <p>* Character Limit</p> <ul style="list-style-type: none"> <li>- Up to 14 characters (integer).</li> </ul>



					- Up to 4 characters (decimal).
SITE	Dept.	STRING(100)			<p>Dept. Code</p> <p>The fields set as [Required] must have an entry. (Inv. I &gt; Purchases &gt; New Purchase &gt; Option &gt; Input Screen Setting &gt; Top tab)</p>
PJT_CD	Project	STRING(14)			<p>Project</p> <p>* Entries</p> <p>- Enter the Project code or name.</p> <p>* Character Limit</p> <p>- Enter the pre-registered Project.</p> <p>- Up to 14 characters (code) or 50 characters (name).</p>
DOC_NO	Purchase No.	STRING(30)			<p>Purchase No.</p> <p>* Details</p> <p>- Enter the Purchase No.</p>

					<p>* Character Limit</p> <p>- Up to 30 Characters</p>
TTL_C TT	Title	STRIN G(200)			<p>Title</p> <p>Enter the field only if set up in Inv. I &gt; Purchase &gt; New Purchases &gt; Option &gt; Input Screen Setting &gt; Top tab &gt; 'Title' Default setting &gt; Designate Manually.</p>
U_ME MO1	Text Type 1	STRIN G(200)			<p>Text Type1</p> <p>* Entries</p> <p>- Enter the remarks of the item.</p> <p>- No formats required. You can enter text at-will.</p> <p>* Character Limit</p> <p>- Up to 200 characters.</p>

U_ME MO2	Text Type 2	STRIN G(200)		<p>Text Type2</p> <p>* Entries</p> <ul style="list-style-type: none"><li>- Enter the remarks of the item.</li><li>- No formats required. You can enter text at-will.</li></ul> <p>* Character Limit</p> <ul style="list-style-type: none"><li>- Up to 200 characters.</li></ul>
U_ME MO3	Text Type 3	STRIN G(200)		<p>Text Type3</p> <p>* Entries</p> <ul style="list-style-type: none"><li>- Enter the remarks of the item.</li><li>- No formats required. You can enter text at-will..</li></ul> <p>* Character Limit</p> <ul style="list-style-type: none"><li>- Up to 200 characters.</li></ul>

U_ME MO4	Text Type 4	STRIN G(200)		<p>Text Type4</p> <p>* Entries</p> <ul style="list-style-type: none"><li>- Enter the remarks of the item.</li><li>- No formats required. You can enter text at-will..</li></ul> <p>* Character Limit</p> <ul style="list-style-type: none"><li>- Up to 200 characters.</li></ul>
U_ME MO5	Text Type 5	STRIN G(200)		<p>Text Type5</p> <p>* Entries</p> <ul style="list-style-type: none"><li>- Enter the remarks of the item.</li><li>- No formats required. You can enter text at-will..</li></ul> <p>* Character Limit</p> <ul style="list-style-type: none"><li>- Up to 200 characters.</li></ul>

U_TX T1	Long Text Type1	STRIN G(2000 )			<p>Long Text Type1</p> <p>* Entries</p> <ul style="list-style-type: none"><li>- Enter the remarks of the item.</li><li>- No formats required. You can enter text at-will..</li></ul> <p>* Character Limit</p> <ul style="list-style-type: none"><li>- Up to 2000 characters.</li></ul>
ORD_ DATE	P/O Date	STRIN G(20)			<p>Purchase Order Date</p> <p>* Details</p> <ul style="list-style-type: none"><li>- Enter the Purchase Order Date to link with the Slip.</li></ul> <p>* Character Limit</p> <ul style="list-style-type: none"><li>- Enter a designated Purchase Order Date to link with the Slip.</li><li>- YYYYMMDD</li></ul>

ORD_ NO	Purchase Order No.	SMALLI NT(4,0)		<p>Purchase Order No.</p> <p>* Entries</p> <p>- If linked with the sales history, enter the number after the Purchase Order date of the ERP.</p> <p>* Limitation of letter input</p> <p>- Enter the pre-registered purchase order no.</p>
PROD _CD	Item Code	STRIN G(20)	Y	<p>Item Code</p> <p>* Entries</p> <p>- Enter the item code.</p> <p>- Item information can be recognized even if a barcode is entered.</p> <p>- If you enter only the item code, the item name is automatically entered.</p> <p>- If you enter only the item name, the item code is automatically entered.</p>

					<p>* Character Limit</p> <p>- Enter the pre-registered item code.</p> <p>- Up to 20 characters.</p>
PROD _DES	Item Name	STRIN G(100)			<p>Item Name</p> <p>* Entries</p> <p>- Enter the item name.</p> <p>- If you enter only the item code, the item name is automatically entered.</p> <p>- If you enter only the item name, the item code is automatically entered.</p> <p>* Character Limit</p> <p>- Up to 100 characters.</p>
SIZE_ DES	Spec.	STRIN G(100)			<p>Spec.</p> <p>* Entries</p> <p>- Enter the specifications of the item.</p>

					<p>* Character Limit</p> <p>- Up to 100 characters.</p>
QTY	Qty.	NUMERIC(28, 10)	Y		<p>Qty</p> <p>* Entries</p> <p>- Enter the Qty. of the item.</p> <p>* Character Limit</p> <p>- Up to 12 characters (integer).</p> <p>- Up to 2 characters (decimal).</p>
UQTY	Aux. Qty.	NUMERIC(28, 10)			<p>Aux. Qty.</p> <p>* Entries</p> <p>- Enter the Aux. Qty. of the item.</p>



					<ul style="list-style-type: none"><li>* Character Limit<ul style="list-style-type: none"><li>- Up to 12 characters (integer).</li><li>- Up to 6 characters (decimal).</li></ul></li></ul>
PRICE	Price	NUMERIC(18, 6)			<p>Price</p> <ul style="list-style-type: none"><li>* Entries<ul style="list-style-type: none"><li>- Enter the Price of the item.</li><li>- If not entered, 0 will be applied.</li></ul></li><li>* Character Limit<ul style="list-style-type: none"><li>- Up to 12 characters (integer).</li><li>- Up to 0 characters (decimal).</li></ul></li></ul>

USER _PRIC E_VAT	Price (Tax Included)	NUME RIC(28, 10)		<p>Price(Tax Included)</p> <p>* Entries</p> <ul style="list-style-type: none"> <li>- Enter the Price(Tax Included) of item.</li> <li>- If not entered, 0 will be processed.</li> <li>- Even if you enter the price(Tax Included), the pretax amount and tax are not calculated automatically.</li> </ul> <p>* Limitation of letter input</p> <ul style="list-style-type: none"> <li>- Up to 12 characters(integer).</li> <li>- Up to 4 characters(decimal).</li> </ul>
SUPP LY_A MT_F	Pretax Amount [Foreign Currency]	NUME RIC(28, 4)		<p>Foreign Currency</p> <p>* Entries</p> <ul style="list-style-type: none"> <li>- For foreign currency transactions, enter the foreign currency of the item.</li> <li>- If not entered, 0 will be applied.</li> </ul>

				<ul style="list-style-type: none"> <li>- Even if you enter the quantity, unit price, and exchange rate, the foreign currency amount is not calculated automatically.</li> </ul> <p>* Character Limit</p> <ul style="list-style-type: none"> <li>- Up to 15 characters (integer).</li> <li>- Up to 4 characters (decimal).</li> </ul>
SUPPLY_AMT	Pretax Amount (Base Currency)	NUMERIC(28, 4)		<p>Pretax Amount</p> <p>* Entries</p> <ul style="list-style-type: none"> <li>- Enter the pretax amount of the item.</li> <li>- If not entered, 0 will be applied.</li> <li>- Even if you enter the quantity and unit price, the pretax amount is not calculated automatically.</li> </ul> <p>* Character Limit</p> <ul style="list-style-type: none"> <li>- Up to 12 characters (integer).</li> <li>- Up to 0 characters (decimal).</li> </ul>

VAT_A MT	Tax	NUMERIC(28, 4)			<p>Tax</p> <p>* Entries</p> <ul style="list-style-type: none"><li>- Enter the tax of the item.</li><li>- If not entered, 0 will be applied.</li><li>- Even if you enter the pretax amount, tax is not calculated automatically.</li></ul> <p>* Character Limit</p> <ul style="list-style-type: none"><li>- Up to 12 characters (integer).</li><li>- Up to 0 characters (decimal).</li></ul>
REMARKS	Remarks	STRING(200)			<p>Remarks</p> <p>* Entries</p> <ul style="list-style-type: none"><li>- Enter the remarks of the item.</li><li>- No formats required. You can enter text at-will.</li></ul>

					<p>* Character Limit</p> <p>- Up to 200 characters.</p>
ITEM_CD	Mgmt. Field	STRING(14)			<p>Mgmt. Field</p> <p>* Entries</p> <p>- Enter the Mgmt. Field code of the item</p> <p>* Character Limit</p> <p>- Enter the pre-registered mgmt. field code.</p> <p>- Up to 14 characters (code) or 60 characters (name).</p>
P_AMOUNT1	Amount 1	NUMERIC(28, 10)			<p>Amount 1</p> <p>* Entries</p> <p>- Enter in numeric form.</p> <p>* Character Limit</p> <p>- Up to 15 characters (integer).</p>

					- Up to 6 characters (decimal).
P_AM T2	Amount 2	NUMERIC(28, 10)			<p>Amount 2</p> <p>* Entries</p> <p>- Enter in numeric form.</p> <p>* Character Limit</p> <p>- Up to 15 characters (integer).</p> <p>- Up to 6 characters (decimal).</p>
P_RE MARK S1	Remarks 1	STRING(100)			<p>Remarks 1</p> <p>* Entries</p> <p>- Enter additional remarks.</p> <p>* Character Limit</p> <p>- Up to 100 characters.</p>

P_RE MARK S2	Remarks 2	STRIN G(100)			Remarks 2  * Entries  - Enter additional remarks.  * Character Limit  - Up to 100 characters.
P_RE MARK S3	Remarks 3	STRIN G(100)			Remarks 3  * Entries  - Enter additional remarks.  * Character Limit  - Up to 100 characters.

CUST _AMT	Expenses	NUMERIC(28, 10)			<p>Incidental Expense</p> <p>* Entries</p> <p>- Enter the incidental expenses.</p> <p>- If the entire transaction has accrued incidental expenses, enter it directly per item.</p> <p>* Character Limit</p> <p>- Up to 12 characters (integer).</p> <p>- Up to 0 characters (decimal).</p>
--------------	----------	--------------------	--	--	--

Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred



Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				Repeated part
Success Cnt	Number of Successes	STRING(20)	Y	
FailCnt	Number of Failures	STRING(20)	Y	
ResultDetails	Processed Results	STRING(4000)	Y	
SlipNos	Purchase No. (ERP)	STRING(20)	Y	Purchase No. (Blank if failed)
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INFO	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day

TRACE_ ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error
--------------	----------------------------------	--	---	--

#### Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/Purchases/SavePurchases?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/Purchases/SavePurchases?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "PurchasesList": [{
    "BulkDatas": {
      "ORD_DATE": "",
      "ORD_NO": "",
      "IO_DATE": "20191012",
      "UPLOAD_SER_NO": "",
      "CUST": "00001",
      "CUST_DES": "(주)OO산업",
      "EMP_CD": "",
      "WH_CD": "00001",
      "IO_TYPE": "",
      "EXCHANGE_TYPE": "",
      "EXCHANGE_RATE": "",
      "SITE": "",
      "PJT_CD": "",
      "DOC_NO": "",
      "U_MEMO1": "",
      "U_MEMO2": "",
      "U_MEMO3": "",
      "U_MEMO4": "",
      "U_MEMO5": "",
      "U_TXT1": "",
      "TTL_CTT": "",
      "PROD_CD": "00001",
      "PROD_DES": "test",
      "SIZE_DES": "",
      "UQTY": "",
      "QTY": "1",
      "PRICE": "",
      "USER_PRICE_VAT": "",
      "SUPPLY_AMT": "",
      "SUPPLY_AMT_F": "",
      "VAT_AMT": "",
      "REMARKS": "",
      "ITEM_CD": "",
      "P_AMT1": "",
      "P_AMT2": "",
      "P_REMARKS1": "",
      "P_REMARKS2": "",
      "P_REMARKS3": ""
    }
  ]
}
```

```

    "CUST_AMT": ""
  }
}, {
  "BulkDatas": {
    "ORD_DATE": "",
    "ORD_NO": "",
    "IO_DATE": "20191012",
    "UPLOAD_SER_NO": "",
    "CUST": "00001",
    "CUST_DES": "(주)OO산업",
    "EMP_CD": "",
    "WH_CD": "00001",
    "IO_TYPE": "",
    "EXCHANGE_TYPE": "",
    "EXCHANGE_RATE": "",
    "PJT_CD": "",
    "DOC_NO": "",
    "U_MEMO1": "",
    "U_MEMO2": "",
    "U_MEMO3": "",
    "U_MEMO4": "",
    "U_MEMO5": "",
    "U_TXT1": "",
    "TTL_CTT": "",
    "PROD_CD": "00001",
    "PROD_DES": "test",
    "SIZE_DES": "",
    "UQTY": "",
    "QTY": "1",
    "PRICE": "",
    "USER_PRICE_VAT": "",
    "SUPPLY_AMT": "",
    "SUPPLY_AMT_F": "",
    "VAT_AMT": "",
    "REMARKS": "",
    "ITEM_CD": "",
    "P_AMT1": "",
    "P_AMT2": "",
    "P_REMARKS1": "",
    "P_REMARKS2": "",
    "P_REMARKS3": "",
    "CUST_AMT": ""
  }
}]
}

```

#### Example Result

```

[SUCCESS]
{
  "Data": {
    "EXPIRE_DATE": "",

```

```

    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 0/30," 1 hour Allowable Amount" : 5/6000," 1
day Allowable Amount" : 12/10000",
    "TRACE_ID":"db6138411aad40e42dc5e209f65f6f3c",
    "SuccessCnt": 1,
    "FailCnt": 0,
    "ResultDetails": [{"IsSuccess": true,"TotalError": "[Slip Bundle1] OK","Errors": [],"Code": null}
    {"IsSuccess": true,"TotalError": "[Slip Bundle1] OK","Errors": [],"Code": null}],
    "SlipNos": null
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018-06-12 13:25:55.585",
  "RequestKey": "",
  "IsEnableNoL4": false
}

```

[FAIL - Validation]

```

{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 3/6000," 1
day Allowable Amount" : 3/10000",
    "SuccessCnt": 0,
    "FailCnt": 1,
    "ResultDetails": [{"IsSuccess": false,"TotalError": "[Slip Bundle1] Item Code (Required), Item Name (Required), Qty.
(Required)",
    "Errors": [{"ColCd": "PROD_CD","Message": "Item Code (Required)"},{ "ColCd": "PROD_DES","Message":
"Item Name (Required)"}],"Code": null},
    {"IsSuccess": false,"TotalError": "[Slip Bundle1] Item Code (Required), Item Name (Required), Qty.
(Required)",
    "Errors": [{"ColCd": "PROD_CD","Message": "Item Code (Required)"},{ "ColCd": "PROD_DES","Message":
"Item Name (Required)"}],"Code": null}]
    "SlipNos": null
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018-06-12 13:24:25.651",
  "RequestKey": "",
  "IsEnableNoL4": false
}

```

Description by Error Type

Please click the View Details link for a detailed description of each error type.

**Order API (Online Store Mgmt.)**

## Overview

You can generate orders (Online Store Mgmt.) within ERP through linkage with external online stores, using open API.

## Requested Data Format

Field	Description
Calling Method	POST
Content-Type	application/json
Test URL	https://sboapi{ZONE}.ecount.com/OAPI/V2/OpenMarket/SaveOpenMarketOrderNew?SESSION_ID={SESSION_ID}
Request URL	https://oapi{ZONE}.ecount.com/OAPI/V2/OpenMarket/SaveOpenMarketOrderNew?SESSION_ID={SESSION_ID}
Types of Data Format	JSON(Parameter, Result)

## Types of Data Format

Parameter	Parameter Name	Characters	Requirement	Description
-----------	----------------	------------	-------------	-------------

			Status	
SESSION_ID	Session ID	STRING(50)	Y	SESSION_ID (Session ID) that is given after calling the Login API.
OPENMARKET_CD	Online Store Code	STRING(5)	Y	Online Store Code
[ORDERS]	Online Store New Order			Check for duplicate OPENMARKET_CD, GROUP_NO, ORDER_NO
GROUP_NO	Bundled Order No.	STRING(500)	Y	Bundled Order No.
ORDER_NO	Order No.	STRING(500)	Y	Order No.
ORDER_DATE	Sales Order Date	DATETIME	Y	Sales Order Date
PAY_DATE	Payment Date	DATETIME	Y	Payment Date
PROD_CD	Online Store Item Code	STRING(100)	Y	Online Store Item Code
PROD_NAME	Online Store Item Name	STRING(500)	Y	Online Store Item Name

PROD_O PT	Order Option	STRING(5 00)	Y	Order Option
ORDER_ QTY	Qty.	NUMERIC( 28, 10)	Y	Qty.
ORDER_ AMT	Sales Order Amount	NUMERIC( 28, 4)	Y	Sales Order Amount
ORDERE R	Customer	STRING(5 00)	Y	Customer
ORDERE R_TEL	Customer Contact	STRING(5 00)	Y	Customer Contact
RECEIVE R	Recipient	STRING(5 00)	Y	Recipient
RECEIVE R_TEL	Recipient Contact 1	STRING(5 00)	Y	Recipient Contact 1
RECEIVE R_TEL2	Recipient Contact 2	STRING(5 00)		Recipient Contact 2
ZIP_COD E	Zip code	STRING(5 00)		Zip code
ADDR	Address	STRING(1 000)	Y	Address

DELIVERY_REQUIREST	Delivery Notes	STRING(4000)		Delivery Notes
SHIPPING_CHARACTER_TYPE	Delivery Cost (Prepaid/Postpaid)	STRING(1)		Delivery Cost (Prepaid/Postpaid) - P:Prepaid, A:Paid on delivery
SHIPPING_CHARACTER	Delivery Cost Amount	NUMERIC(28, 4)		Delivery Cost Amount
MEMO	Memo	STRING(500)		Memo
SHOP_NAME	Online Store Name	STRING(400)	Y	Online Store Name

Result

Parameter	Parameter Name	Characters	Requirement Status	Description
Status	Processed Results		Y	200 (Normal)
Error	Error			If an error occurred



Code	Error Code			
Message	Error Message			
MessageDetail	Error Details			
Data				
	ECOUNT Order No.			Repeated part
OPENMARKET_CD	Online Store Code	STRING(5)	Y	Online Store Code
SLIP_NO	ECOUNT Order No.	BIGINT	Y	ECOUNT Order No.
SLIP_SER	ECOUNT Seq. No.	INT	Y	ECOUNT Seq. No.
GROUP_NO	Bundled Order No.	STRING(500)	Y	Bundled Order No.
ORDER_NO	Order No.	STRING(500)	Y	Order No.

Result	Result Message	STRING(500)	Y	Result Message
EXPIRE_DATE	EXPIRE_DATE		Y	The current API version will expire on
QUANTITY_INF	Allowed Qty.		Y	Qty. that can be allowed to send during 1 hour, 1 day
TRACE_ID	Sequence No. for Log Analysis		Y	Sequence No. for Log Analysis When Error

#### Example Parameter

URL : [https://oapi{ZONE}.ecount.com/OAPI/V2/OpenMarket/SaveOpenMarketOrderNew?SESSION\\_ID={SESSION\\_ID}](https://oapi{ZONE}.ecount.com/OAPI/V2/OpenMarket/SaveOpenMarketOrderNew?SESSION_ID={SESSION_ID})

// Replace {ZONE} with real zone information when entering Zone data.(Without {})

```
{
  "OPENMARKET_CD": "00001",
  "ORDERS": [{
    "GROUP_NO": "1212121222342343",
    "ORDER_NO": "12122323223423423",
    "ORDER_DATE": "2018-05-25 13:06:29.000",
    "PAY_DATE": "2018-05-25 13:06:29.000",
    "PROD_CD": "1372431020",
    "PROD_NM": "TEST 상품",
    "PROD_OPT": "색상:빨간색,사이즈:A1",
    "ORDER_QTY": 10,
    "ORDER_AMT": 100000,
    "ORDERER": "TEST",
    "ORDERER_TEL": "010-0000-0000",
    "RECEIVER": "TEST",
    "RECEIVER_TEL": "010-0000-0000",
    "RECEIVER_TEL2": "010-0000-0000",
    "ZIP_CODE": "",
    "ADDR": "서울특별시 구로구 디지털로26길 61 (구로동) 에이스하이엔드타워",
    "DELIVERY_REQUEST": "빠른 배송 주세요.",
    "SHIPPING_CHARGE_TYPE": "P",
    "SHIPPING_CHARGE": "2500",
  }
]}
```

```

"MEMO": "",
"SHOP_NM": "이카운트쇼핑몰"
},
{
  "GROUP_NO": "1212121222343332343",
  "ORDER_NO": "12122323224443423423",
  "ORDER_DATE": "2018-05-25 13:06:29.000",
  "PAY_DATE": "2018-05-25 13:06:29.000",
  "PROD_CD": "1372431020",
  "PROD_NM": "TEST 상품",
  "PROD_OPT": "색상:빨간색,사이즈:A1",
  "ORDER_QTY": 10,
  "ORDER_AMT": 100000,
  "ORDERER": "TEST",
  "ORDERER_TEL": "010-0000-0000",
  "RECEIVER": "TEST",
  "RECEIVER_TEL": "010-0000-0000",
  "RECEIVER_TEL2": "010-0000-0000",
  "ZIP_CODE": "",
  "ADDR": "서울특별시 구로구 디지털로26길 61 (구로동) 에이스하이엔드타워",
  "DELIVERY_REQUEST": "빠른 배송 해주세요.",
  "SHIPPING_CHARGE_TYPE": "P",
  "SHIPPING_CHARGE": "2500",
  "MEMO": "",
  "SHOP_NM": "이카운트쇼핑몰"
}]

```

```

}

```

## Example Result

```

[SUCCESS]
{
  "Data": {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 0/30," 1 hour Allowable Amount" : 2/6000," 1
day Allowable Amount" : 6/10000",
    "TRACE_ID": "db6138411aad40e42dc5e209f65f6f3c",
    "ResultDetails": [{
      "OPENMARKET_CD": "1",
      "SLIP_NO": "123456",
      "SLIP_SER": "1",
      "GROUP_NO": "12356966",
      "ORDER_NO": "2018052822222",
      "Result": ""
    }]
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018년 6월 11일 오후 4:31:00"
}

```

[FAIL - Validation]

```
{
  "Data":
  {
    "EXPIRE_DATE": "",
    "QUANTITY_INFO": "Maximum number of consecutive errors per hour" : 1/30," 1 hour Allowable Amount" : 6/6000," 1
day Allowable Amount" : 11/10000",
    "ResultDetails": [{
      "OPENMARKET_CD": "1",
      "SLIP_NO": "123456",
      "SLIP_SER": "1",
      "GROUP_NO": "12356966",
      "ORDER_NO": "2018052822222",
      "Result": "중복 주문"
    }],
  },
  "Status": "200",
  "Error": null,
  "Timestamp": "2018년 6월 11일 오후 4:25:47"
}
```

#### Description by Error Type

Please click the View Details link for a detailed description of each error type.

[View Details](#)