



Liftians-WMS API Documentation

About Liftians-WMS

This document is used to describe the general API (Application programming interface) standard for JUSDA Supply Chain ERP System and Liftians WMS AI-AGV System (LWMS).

Liftians API

1. End Points

Currently all the API calls will be using “/erp2lwms” as URL end point

2. Request data type

- a. Data will be passed as JSON format.
- b. Example:

```
{
  "DATA": [{
    "SYS_BILL_ID": "123",
    "CUST_ORDER_ID": "345",
    "PURCHASE_MODEL": "222",
    "PURCHASE_TYPE": "111",
    ...
    "CUST_BRANCH_CODE": "111",
  }, {
    "SYS_BILL_ID": "123",
    "CUST_ORDER_ID": "345",
    "PURCHASE_MODEL": "222",
    "PURCHASE_TYPE": "111",
    ...
    "CUST_BRANCH_CODE": "111",
```



```
},  
...  
]  
}
```

3. Response data format

a. Success Response

```
{"success": true}
```

b. Error Response

```
{"success": false, "message": "Failure Reason"}
```

List of APIs

1. Products

Description: Push products information from SPD into LWMS

URL: /erp2lwms/products

Method: POST

Request data parameter:

Description	Field Name	Data Type	Is Null	Note
Product Type	Product_Type	VARCHAR(10)	N	
Product Category	Product_Category_1	VARCHAR(10)		
Product Subcategory	Product_Category_2	VARCHAR(10)		
Further Category	Product_Category_3	VARCHAR(10)		
ERP ID	ERP_ID	VARCHAR(30)	N	



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Product ID	Product_ID	VARCHAR(30)		
Product Barcode	Barcode	VARCHAR(50)		
Product Name	Product_NAME	VARCHAR(200)	N	
Product Short Name	Product_SNAME	VARCHAR(100)		
Product Specification	Product_Spec	VARCHAR(100)	N	
Product Unit Name	UNIT_NAME	VARCHAR(10)	N	
Manufacturer	Manufacturer	VARCHAR(100)	N	
Units in a package box	PACKAGE_NUM	NUMBER		
Dimension (Length)	Length	NUMBER		
Dimension (Width)	Width	NUMBER		
Dimension (Height)	Height	NUMBER		
Volume	VOLUME	NUMBER		
Weight	WEIGHT	NUMBER		
Is Usable	Is_Usable	bit	N	TRUE/FALSE
Last Modified Date	LAST_MODIFIED_DATE	DATE		

2. Replenishment

Description: Push replenish request from SPD into LWMS

URL: /erp2lwms/replenishment

Method: POST



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Request data parameter:

Description	Field Name	Data Type	Is Null	Note
Receive Type	RECEIVE_TYPE	VARCHAR(10)	N	RECEIVE (01) RETRNN (11)
Origin Bill Type	FROM_BILL_TYPE	VARCHAR(30)	N	
ERP Bill Number	ERP_BILL_NO	VARCHAR(30)	N	
Receipt ID	SOURCE_ID	INTEGER	N	
Receipt Lines Number	SOURCE_LINES_ID	INTEGER	N	
Supplier or Source ID	SEND_PARTY_ID	VARCHAR(30)	N	
Supplier or Source Description	SEND_PARTY_NAME	VARCHAR(100)		
Recipient ID	REC_DEPT_ID	VARCHAR(30)	N	
Recipient Description	REC_DEPT_NAME	VARCHAR(100)		
Receiver	RECEIVER	VARCHAR(30)	N	
Receipt Date	REC_DATE	DATETIME	N	
Product ID	Product_ID	VARCHAR(30)	N	
Product Name	Product_NAME	VARCHAR(200)	N	
Product Specification	Product_Spec	VARCHAR(100)	N	



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Product Unit Name	UNIT_NAME	VARCHAR(10)	N	
Manufacturer	Manufacturer	VARCHAR(100)	N	
Batch Number	LOT_NO	VARCHAR(50)	N	
Manufactured Date	Manufactured_DATE	DATE	N	
Expiration Date	EXPIRE_DATE	DATE	N	
Quantity	RECEIVE_QTY	NUMBER	N	

3. Order

Description: Push orders from SPD into LWMS

URL: /erp2lwms/orders

Method: POST

Request data parameter:

Description	Field Name	Data Type	Is Null	Note
Task Type	Task_Type	VARCHAR(20)	N	PICK SPLIT PURCHASE_RETURN
Order Type	OrderL_Type	VARCHAR(10)	N	
ERP Order Number	ERP_Order_No	VARCHAR(30)	N	
Order ID	Order_ID	INTEGER	N	
Order Lines ID	Order_Lines_ID	INTEGER	N	



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Priority	Priority	INTEGER	N	1 Urgent 9 Normal
Task Creator	CREATER	VARCHAR(30)	N	
Task Create Date	CREATE_DATE	DATE	N	
Product ID	Product_ID	VARCHAR(30)	N	
Product Name	Product_NAME	VARCHAR(200)	N	
Batch Number	Lot_No	VARCHAR(50)	N	
Quantity	SEND_QTY	NUMBER	N	