

# RFID廠商對應配客嘉API文件

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版號	日期	修改者	項目	內容
V1.0.0	2025/11/11	Allen	新增	
V1.0.2	2025/11/21	Allen	新增	
V1.0.3	2025/11/25	Allen	修正	修正RF200

## 使用規範

- 項目：新增
- 內容：請詳細記錄調整之API 及內容概項（header, params）文件內容以橘色標註

## API 快速簡表

編號	說明	標籤
RF100	登入RFID APP	
RF200	物流分點選擇	
RF300	掃入包裝編號	

## 正式區金鑰

項目	內容
說明	正式環境位置
連結	<a href="https://packageplus.space/">https://packageplus.space/</a>
公鑰	Np1g2MpvB37Mmn68G1O5eHafP
私鑰	wWx98ChAAAKa87V9o44Jhd71

## 測試區金鑰

項目	內容
說明	測試環境位置
連結	<a href="https://carartbon.com/">https://carartbon.com/</a>
公鑰	Mj09CEBmlyVnMW4MNGEHdIXFx
私鑰	g6B18AL0NouX50mFYPRxX5RP

## 回傳說明

項目	response	example situation
200	[ "message" : "Successfully" ]	CRUD Success
401	[ "message" : "Forbidden" ]	API Secret 錯誤或該外部廠商非啟用狀態。
404	[ "message" : "API route not found" ]	API 網址不存在
422	[ "message" : "Request failed" ]	欄位資料驗證有錯誤

## API RF100 登入RFID APP

### Description

RFID APP物流登入。

### Method & URL

Method	ENV	URL
POST	正式區	/api/rfid/login
	測試區	/api/rfid/login

### Header

key	value	description
content-type	application/json	
X-Timestamp	Ex:1762843054	
X-API-Key	Ex:Mj09CEBmly...	附件公鑰
X-Signature	Ex:3ee76a071310...	HMAC-SHA256(timestamp + method + payload , 私鑰)

### Body

For mat	JSON			
no	param	name	type	description / e.g.
1	Account	帳號	String	min:6, max:20
2	Password	密碼	String	min:6, max:10

e.g.

倉庫-河洛

```
{
  "account": "package15",
  "password": "pxcAV2",
}
```

科技業-大榮

```
{
  "account": "package15",
  "password": "mYNDdL",
}
```

## Response

HTTP Status	Response	Success
200	<pre>{   "success": true,   "message": "Successfully.",   "data": {     "user": {       "id": 1,       "account": "package15",       "name": "a",       "node": 3,       "branch": 1     },     "token": "eyJ0eXAiOiJK..."   } }</pre>	True
401	<pre>{   "success": false,   "message": "Missing authentication headers" }</pre>	False

401	{ "success": false, "message": "Request expired" }	False
401	{ "success": false, "message": "Invalid API key" }	FALSE
401	{ "success": false, "message": "Invalid signature" }	FALSE
422	{ "success": false, "message": { "account": [ "The account must be at least 6 characters." ] } }	FALSE
422	{ "success": false, "message": { "account": [ "The password must be at least 6 characters." ] } }	FALSE
422	{ "success": false, "message": "Login error" }	FALSE
422	{ "success": false, "message": "User does not exist." }	FALSE

## API RF200 選擇物流分點

### Description

RFID APP物流登入後分點選擇。

### Method & URL

Method	ENV	URL
GET	正式區	/api/rfid/getLogisticBranch?id={id}
	測試區	/api/rfid/getLogisticBranch?id={id}

## Header

key	value	description
content-type	application/json	
Authorization	Bearer token	

## Param

For mat	JSON			
no	param	name	type	description / e.g.
1	Id	Id	Int	User id

## Response

HTTP Status	Response	Success
200	(科技業) <pre>{   "success": true,   "message": "Successfully.",   "data": {     [       {'label': '友達_L20', 'id': 2, 'branch_id': 3},       {'label': '群創_T01', 'id': 1, 'branch_id': 1},     ]   } }</pre>	True



200	(倉庫) { "success": true, "message": "Successfully.", "data": { [ {'label': '禾洛', 'id': 9, 'branch_id': 0}, ] } }	True
401	{ "success": false, "message": "Missing authentication headers" }	False
422	{ "success": false, "message": { "Id": [ "The id must be at least 1." ] } }	FALSE
422	{ "success": false, "message": "Rfid user does not exist" }	FALSE
422	{ "success": false, "message": "Node error" }	FALSE

## API RF300 掃入包裝編號

### Description

RFID APP批次掃入包裝編號。

### Method & URL

Method	ENV	URL
POST	正式區	/api/rfid/rfidInsert
	測試區	/api/rfid/rfidInsert

### Header

key	value	description
content-type	application/json	
Authorization	Bearer token	

### Body

For mat	JSON			
no	param	name	type	description / e.g.
1	node	分點	String	Required, Min:1, RF100的node
2	status	出入庫	String	Required, Min:1, 1為入庫, 2為出庫
3	logi_id	物流id	Int	Required, Min:0, RF100的branch
4	techOrRepo_id	廠商id	Int	Required, Min:1, RF200的id
5	techOrRepo_branch_id	廠區id	Int	Required, Min:0, RF200的branch_id
6	order_number	訂單編號	String	Nullable, Max:13,
7	epk_array	包裝編號 陣列	Array	Required, Min:1,

e.g.

```
{
  "node": 3,
  "status": 2,
  "techOrRepo_id": 2,
  "techOrRepo_branch_id": 4,
  "logi_id": 1,
  "order_number": "TO00001",
  "epk_array": ["AS00001", "AS00002", "AS00009"]
}
```

## Response

HTTP Status	Response	Success
200	{       "success": true,       "message": "Successfully."     }	True

401	{ 'success' : false, 'status' : 401, 'message' : 'User not authenticated.' }	False
422	{ "success": false, "status" : 422, "message": "RFID number of calls exceeds the limit(500 pieces)" }	FALSE
422	{ "success": false, "status" : 422, "message": "Order_number does not exist." }	FALSE
422	{ "success": false, "status" : 422, "message": "Order_number is required." }	FALSE
422	{ "success": false, "status" : 422, "message": "Logi_id must be 0." }	FALSE
422	{ "success": false, "status" : 422, "message": "Repository does not exist." }	FALSE
422	{ "success": false, "status" : 422, "message": "Status error." }	FALSE

422	{ "success": false, "status" : 422, "message": "Logistic branch does not exist." }	FALSE
422	{ "success": false, "status" : 422, "message": "Part of epk_id does not exist in repository." }	FALSE

422	<pre> {   "success": false,   "message": {     "node": [       "The node must be an integer."     ],     "node": [       "The node field is required."     ],     "status": [       "The status must be between 1 and 2."     ],     "status": [       "The status must be an integer."     ],     "status": [       "The status field is required."     ],     "logi_id": [       "The logi_id must be an integer."     ],     "logi_id": [       "The logi_id field is required."     ],     "techOrRepo_id": [       "The techOrRepo_id must be an integer."     ],     "techOrRepo_id": [       "The techOrRepo_id field is required."     ],     "techOrRepo_id": [       "The techOrRepo_branch_id must be an integer."     ],     "techOrRepo_id": [       "The techOrRepo_branch_id field is required."     ],     "techOrRepo_id": [       "The order number must be a </pre>	FALSE
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	<pre>“order number”: [     “The order number must be a string.”,     “order number”: [         "The order number format is invalid."     ],     “epk array”: [         "The epk array must be an array."     ],     “epk array”: [         "The epk array field is required.”     ],     } }</pre>	