

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	https://packageplus.space/
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	https://carartbon.com/
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

Format	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

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

Response

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

Format	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

	{ 'success' : false, 'status' : 401, 'message' : 'User not authenticated.' }	False
401		
	{ "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		

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

	<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>	
422		FALSE

	<p>“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.”], }</p>	