🔌 API Interface Reference v1.0

Base URL: `https://<your-cloud-run-service-url>/api` **Auth Header:** `Authorization: Bearer <YOUR_API_SECRET>`

此文件定義 Google AppScript 與外部服務 (PandaDoc) 如何與後端 (Cloud Run) 溝通。

1. 訂單管理 (Orders)

1.1 取得訂單列表 (Get Orders)

用於 Google Sheet Sidebar 顯示列表。支援分頁以保護效能。

- **Endpoint:** `GET /orders`
- **Query Parameters:**
  - `page` (int, default: 1): 頁碼。
  - `limit` (int, default: 50): 每頁筆數。
  - `status` (string, optional): 篩選狀態 (e.g., `OPEN` , `OVERDUE`)。
  - `q` (string, optional): 搜尋關鍵字 (Order # or Customer Name)。
- **Response (200 OK):**

```json
{
  "success": true,
  "data": [
    {
      "id": "550e8400-e29b-41d4-a716-446655440000",
      "order_number": "PO-2026001",
      "customer_name": "Iron Gym Taipei",
      "status": "OVERDUE",
      "balance": 1500.00,
      "due_date": "2026-01-01",
      "days_past_due": 5
    }
  ],
  "pagination": {
    "total_count": 120,
    "current_page": 1,
    "total_pages": 3
  }
}
```

1.2 接收新訂單 (Webhook Ingestion)

用於接收 PandaDoc 或手動 PO 的資料。

- **Endpoint:** `POST /orders`
- **Request Body:**

```json
{
  "source": "PANDADOC",
  "external_id": "doc_xyz123",
  "order_number": "PO-2026002",
  "customer_info": {
    "name": "PowerFit Studio",
    "email": "boss@powerfit.com"
  },
  "items": []
}
```

- **Response (201 Created):**

```json
{
  "success": true,
  "message": "Order created.",
  "data": { "id": "uuid-of-new-order" }
}
```

2. 出貨管理 (Shipments)

2.1 新增 BOL / 出貨紀錄

用於 BOL Entry Tool 寫入出貨資訊。

- **Endpoint:** `POST /shipments`
- **Request Body:**

```json
{
  "order_number": "PO-2026001",
  "tracking_number": "BOL-99887766",
  "carrier": "FedEx",
  "shipped_at": "2026-01-06T10:00:00Z",
  "items": [
    { "sku": "DB-50LB", "qty": 10 },
    { "sku": "BENCH-PRESS-PRO", "qty": 1 }
  ]
}
```

- **Response (200 OK):**

```json
{
  "success": true,
  "message": "Shipment recorded. Order status updated to PARTIALLY_SHIPPED."
}
```

3. 同步操作 (Sync Operations)

3.1 觸發 QBO 同步

用於手動強制更新財務狀態。

- **Endpoint:** `POST /sync/qbo`

- **Request Body:** `{}` (Empty)

- **Response (200 OK):**

```
{
  "success": true,
  "message": "Sync job started.",
  "job_id": "job-12345"
}
```

4. 錯誤處理標準 (Error Standard)

所有 API 若失敗，將回傳以下格式：

- **Status Codes:** 400 (Bad Request), 401 (Unauthorized), 500 (Server Error)

- **Response Body:**

```
{
  "success": false,
  "error": {
    "code": "ORDER_NOT_FOUND",
    "message": "The order number PO-2026001 does not exist."
  }
}
```