

SendPick Driver Mobile App - API Documentation

Base URL: `https://your-domain.com/api/driver`

Authentication

Semua endpoint (kecuali Login) memerlukan ****Bearer Token**** di header request.

Authorization: Bearer <token>

Token didapatkan dari response login dan berlaku selama ****1 tahun****.

Daftar Endpoint:

No	Method	Endpoint	Deskripsi
1	POST	/login	Login driver
2	POST	/logout	Logout driver
3	GET	/profile	Get profil driver
4	PUT	/status	Update status driver
5	GET	/jobs	Get daftar job orders
6	GET	/jobs/{jobOrderId}	Get detail job order
7	POST	/jobs/{jobOrderId}/accept	Terima order
8	POST	/jobs/{jobOrderId}/reject	Tolak order
9	PUT	/jobs/{jobOrderId}/status	Update status job
10	POST	/jobs/{jobOrderId}/pod	Upload Proof of Delivery
11	POST	/scan-qr	Scan QR Code
12	POST	/gps/bulk	Kirim data GPS batch

13	GET	/history	Get riwayat order
14	GET	/history/stats	Get statistik drive

1 Login

Autentikasi driver untuk mendapatkan access token.

Request:

POST /api/driver/login
Content-Type: application/json

Body:

```
{
  "email": "driver@example.com",
  "password": "password123"
}
```

Response Success (200):

```
{
  "success": true,
  "message": "Login berhasil",
  "data": {
    "driver": {
      "driver_id": "DRV-001",
      "driver_name": "Ahmad Supardi",
      "email": "ahmad@example.com",
      "phone": "+6281234567890",
      "status": "Available",
      "shift": "Pagi"
    },
    "token": "1|abc123xyz...",
    "token_type": "Bearer"
  }
}
```

Response Error:

Status Code	Response
401	<code>{"success": false, "message": "Email atau password salah"}</code>
403	<code>{"success": false, "message": "Akun Anda tidak aktif. Silakan hubungi admin."}</code>

2 Logout

Menghapus token autentikasi driver.

Request

POST /api/driver/logout
Authorization: Bearer <token>

Response Success (200)

```
{
  "success": true,
  "message": "Logout berhasil"
}
```

3 Get Profile

Mendapatkan data profil driver yang sedang login beserta statistik.

Request:

GET /api/driver/profile
Authorization: Bearer <token>

Response Success (200):

```
{
  "success": true,
  "data": {
    "driver_id": "DRV-001",
    "driver_name": "Ahmad Supardi",
    "email": "ahmad@example.com",
    "phone": "+6281234567890",

    "status": "Available",
    "shift": "Pagi",
    "last_lat": -6.2088,
    "last_lng": 106.8456,
    "statistics": {
      "total_orders": 247,
      "total_delivered": 245,
      "total_distance_km": 1250.50
    }
  }
}
```

4 Update Status Driver


Mengubah status ketersediaan driver (online/offline).

Request

PUT /api/driver/status
Authorization: Bearer <token>
Content-Type: application/json

Body:

```
{
  "status": "Available"
}
```

Field	Type	Required	Values
status	string		Available, On Duty, Off Duty, Tidak Aktif

Response Success (200):

```
{
  "success": true,
  "message": "Status driver berhasil diubah",
  "data": {
    "driver_id": "DRV-001",
    "status": "Available"
  }
}
```

5 Get Jobs

Mendapatkan daftar order aktif dan order pending yang tersedia.

Request:

```
GET /api/driver/jobs
Authorization: Bearer <token>
```

Response Success (200):

```
{
  "success": true,
  "data": {
    "active_orders": [
      {
        "job_order_id": "JO-2024-0001",
        "customer_name": "PT ABC Indonesia",
        "pickup_address": "Jl. Sudirman No. 10, Jakarta",
        "delivery_address": "Jl. Gatot Subroto No. 25, Jakarta",
        "goods_desc": "Paket Dokumen",
        "goods_weight": 2.5,
        "ship_date": "2024-12-14",
        "status": "Processing",
        "order_type": "Reguler",
        "assignment_status": "Active",
        "qr_code_string": "SPCK-JO-2024-0001-XYZ"
      }
    ],
    "pending_orders": [
      {
        "job_order_id": "JO-2024-0002",
        "customer_name": "CV Maju Jaya",
        "pickup_address": "Jl. Kemang Raya No. 5",
        "delivery_address": "Jl. TB Simatupang No. 88",
        "goods_desc": "Elektronik",
        "goods_weight": 10,

```

```
        "ship_date": "2024-12-14",
        "order_type": "Express",
        "qr_code_string": "SPCK-JO-2024-0002-ABC"
    }
  ]
}
```

Catatan Status Order

Status	Deskripsi
Processing	Order sedang diproses/diambil
In Transit	Barang sedang dalam perjalanan
Pickup Complete	Barang sudah diambil
At Destination	Sudah sampai di lokasi tujuan
Delivered	Pengiriman selesai

6 Get Job Details

Mendapatkan detail lengkap dari satu job order.

Request:

GET /api/driver/jobs/{jobOrderId}

Authorization: Bearer <token>

Path Parameter:

Parameter	Type	Deskripsi
jobOrderId	string	ID Job Order (contoh: JO-2024-0001)

Response Success (200)

```
{
  "success": true,
  "data": {
    "job_order": {
```

```

    "job_order_id": "JO-2024-0001",
    "customer_name": "PT ABC Indonesia",
    "customer_phone": "+6281234567890",
    "pickup_address": "Jl. Sudirman No. 10, Jakarta",
    "delivery_address": "Jl. Gatot Subroto No. 25, Jakarta",
    "pickup_contact": "Budi - 081111222333",
    "delivery_contact": "Siti - 081444555666",
    "goods_desc": "Paket Dokumen",
    "goods_weight": 2.5,
    "goods_volume": 0.5,
    "ship_date": "2024-12-14",
    "delivery_date": "2024-12-14",
    "status": "Processing",
    "order_type": "Reguler",
    "special_instruction": "Barang pecah belah, hati-hati saat
handling",
    "qr_code_string": "SPCK-JO-2024-0001-XYZ"

},

"assignment": {
    "assignment_id": 1,
    "status": "Active",
    "assigned_at": "2024-12-14T10:00:00.000000Z"
},

"delivery_order": {
    "do_id": "DO-2024-0001",
    "status": "Assigned",
    "pickup_location": "Jl. Sudirman No. 10",
    "delivery_location": "Jl. Gatot Subroto No. 25",
    "goods_summary": "Paket Dokumen - 2.5 kg"
},
"proof_of_delivery": null
}
}

```

Response Error (404)

```

{
    "success": false,
    "message": "Job order tidak ditemukan"
}

```

7 Accept Order

Driver menerima order pending.

Request

POST /api/driver/jobs/{jobOrderId}/accept

Authorization: Bearer <token>

Content-Type: application/json

Body (Optional):

```
{
  "vehicle_id": "VH-001"
}
```

Field	Type	Required	Deskripsi
vehicle_id	string	✗	ID kendaraan (bisa diisi nanti)

Response Success (200):

```
{
  "success": true,
  "message": "Order berhasil diterima",
  "data": {
    "job_order_id": "JO-2024-0002",
    "assignment_id": 5
  }
}
```

Response Error:

Status	Response
404	{"success": false, "message": "Job order tidak ditemukan atau sudah tidak tersedia"}
422	{"success": false, "message": "Anda sudah memiliki 5 order aktif. Selesaikan order terlebih dahulu."}

8 Reject Order

Driver menolak order pending.

Request

POST /api/driver/jobs/{jobOrderId}/reject
Authorization: Bearer <token>
Content-Type: application/json

Body (Optional):

```
{  
  "reason": "Lokasi terlalu jauh"  
}
```

Field	Type	Required	Deskripsi
reason	string	✗	Alasan penolakan (max 500 karakter)

Response Success (200)

```
{  
  "success": true,  
  "message": "Order berhasil ditolak",  
  "data": {  
    "job_order_id": "JO-2024-0002",  
    "reason": "Lokasi terlalu jauh"  
  }  
}
```

9 Update Job Status

Mengubah status order (pickup, on delivery, complete, dll).

Request:

PUT /api/driver/jobs/{jobOrderId}/status
Authorization: Bearer <token>
Content-Type: application/json

Body:

```
{  
  "status": "In Transit",  
  "notes": "Barang sudah diambil dari warehouse"  
}
```

Field	Type	Required	Values
-------	------	----------	--------

status	string	✓	Processing, In Transit, Pickup Complete, At Destination, Delivered
notes	string	✗	Catatan tambahan (max 500 karakter)

Response Success (200):

```
{
  "success": true,
  "message": "Status order berhasil diubah",
  "data": {
    "job_order_id": "JO-2024-0001",
    "new_status": "In Transit"
  }
}
```

Response Error (404)

```
{
  "success": false,
  "message": "Job order tidak ditemukan atau Anda tidak memiliki akses"
}
```

10 Upload Proof of Delivery (POD)

Upload foto dan/atau tanda tangan sebagai bukti pengiriman.

Request:

POST /api/driver/jobs/{jobOrderId}/pod
 Authorization: Bearer <token>
 Content-Type: multipart/form-data

Form Data:

Field	Type	Required	Deskripsi
recipient_name	string	✓	Nama penerima barang
photo	file (image)	✗	Foto barang/penerima

			(jpg, jpeg, png, max 5MB)
signature	file (image)	✗	Tanda tangan penerima (jpg, jpeg, png, max 2MB)
notes	string	✗	Catatan tambahan (max 500 karakter)

Response Success (201)

```
{
  "success": true,
  "message": "Proof of Delivery berhasil diupload",
  "data": {
    "pod_id": 123,
    "do_id": "DO-2024-0001",
    "photo_url": "/storage/pod/photos/abc123.jpg",
    "signature_url": "/storage/pod/signatures/xyz789.png"
  }
}
```

Response Error

Status	Response
404	{"success": false, "message": "Delivery order tidak ditemukan"}
403	{"success": false, "message": "Anda tidak memiliki akses ke order ini"}

📄 Scan QR Code


Scan QR code untuk validasi dan update status otomatis.

Request:

```
POST /api/driver/scan-qr
Authorization: Bearer <token>
Content-Type: application/json
```

Body:

```
{
  "qr_code_string": "SPCK-JO-2024-0001-XYZ"
}
```

Field	Type	Required	Deskripsi
qr_code_string	string		String dari QR code yang di-scan

Response Success (200)

```
{
  "success": true,
  "message": "QR Code berhasil dipindai",
  "data": {
    "job_order_id": "JO-2024-0001",
    "previous_status": "Assigned",
    "new_status": "Pickup Complete",
    "customer_name": "PT ABC Indonesia",
    "goods_desc": "Paket Dokumen"
  }
}
```

Auto Status Transition (QR Scan)

Current Status	New Status After Scan
Assigned / Processing	Pickup Complete
In Transit	At Destination
At Destination	Delivered

Response Error

Status	Response
404	{"success": false, "message": "QR Code tidak valid atau order tidak ditemukan"}
403	{"success": false, "message": "Anda tidak memiliki akses ke order ini"}

Bulk Store GPS

Kirim batch data GPS tracking dari mobile app.

Request







POST /api/driver/gps/bulk

Authorization: Bearer <token>

Content-Type: application/json

Body:

```
{
  "locations": [
    {
      "lat": -6.2088,
      "lng": 106.8456,
      "sent_at": "2024-12-14T10:00:00.000Z",
      "order_id": "JO-2024-0001",
      "vehicle_id": "VH-001"
    },
    {
      "lat": -6.2090,
      "lng": 106.8460,
      "sent_at": "2024-12-14T10:00:30.000Z",
      "order_id": "JO-2024-0001",
      "vehicle_id": "VH-001"
    }
  ]
}
```

Field	Type	Required	Deskripsi
locations	array		Array minimal 1 lokasi
locations[].lat	number		Latitude (-90 - 90)
locations[].lng	number		Longitude (-180 - 180)
locations[].sent_at	datetime		Waktu pengambilan GPS
locations[].order_id	string		ID Job Order terkait
locations[].vehicle_id	string		ID Kendaraan

Response Success (201)

```
{
  "success": true,
  "message": "2 GPS points berhasil disimpan",
  "data": {
    "total_points": 2
  }
}
```

13 Get Job History

Mendapatkan riwayat order yang sudah selesai.

Request:

```
GET /api/driver/history
Authorization: Bearer <token>
```

Query Parameters (Optional):

Parameter	Type	Default	Deskripsi
start_date	date	30 hari lalu	Tanggal awal filter
end_date	date	Hari ini	Tanggal akhir filter

```
|Parameter|Type|Default|Deskripsi|
|---|---|---|---|
|start_date|date|30 hari lalu|Tanggal awal filter|
|end_date|date|Hari ini|Tanggal akhir filter|
```

Contoh:

```
GET /api/driver/history?start_date=2024-12-01&end_date=2024-12-14
```

Response Success (200)

```
{
  "success": true,
  "data": [
    {
      "job_order_id": "JO-2024-0001",
```

```
        "customer_name": "PT ABC Indonesia",
        "delivery_address": "Jl. Gatot Subroto No. 25, Jakarta",
        "goods_desc": "Paket Dokumen",
        "goods_weight": 2.5,
        "status": "Delivered",
        "completed_at": "2024-12-14T15:30:00.000000Z"
    }
}
}
---
```

Get History Stats

Mendapatkan statistik/KPI driver.

Request:

```
GET /api/driver/history/stats
Authorization: Bearer <token>
```

Response Success (200)

```
{
  "success": true,
  "data": {
    "total_delivered": 210,
    "total_weight_kg": 1430.5,
    "total_distance_km": 1250.00,
    "completed_this_month": 45,
    "avg_delivery_time_hours": 4.5
  }
}
```

Field	Deskripsi
total_delivered	Total order yang sudah dikirim
total_weight_kg	Total berat barang yang dikirim (kg)
total_distance_km	Estimasi jarak tempuh (km)
completed_this_month	Order selesai bulan ini
avg_delivery_time_hours	Rata-rata waktu pengiriman (jam)

⚠️ Error Response Format

Semua endpoint menggunakan format error response yang konsisten:

```
{
  "success": false,
  "message": "Deskripsi error"
}
```

HTTP Status Codes

Code	Deskripsi
200	Success
201	Created (untuk resource baru)
400	Bad Request
401	Unauthorized (token tidak valid/expired)
403	Forbidden (tidak punya akses)
404	Not Found
422	Unprocessable Entity (validasi gagal)
500	Internal Server Error

📌 Status Driver

Status	Deskripsi
Available	Driver tersedia menerima order
On Duty	Driver sedang mengerjakan order
Off Duty	Driver sedang tidak bertugas/offline
Tidak Aktif	Akun driver non-aktif (tidak bisa login)

📌 Status Job Order

Status	Deskripsi
Pending	Order baru, belum ada driver
Assigned	Sudah di-assign ke driver
Processing	Driver sedang proses pickup
Pickup Complete	Barang sudah diambil
In Transit	Dalam perjalanan ke tujuan
At Destination	Sudah sampai di lokasi tujuan
Delivered	Pengiriman selesai
Cancelled	Order dibatalkan

💡 Tips Implementasi

1. Token Storage: Simpan token di secure storage (Keychain iOS / EncryptedSharedPreferences Android)
2. GPS Tracking: Kirim data GPS dalam batch setiap 30 detik untuk menghemat bandwidth
3. Offline Mode: Simpan data GPS secara lokal dan sync saat online
4. QR Scanner: Gunakan library camera native untuk performa optimal
5. Image Compression: Kompres foto POD sebelum upload (max 1MB recommended)
