



Cicopass

Future of Bicycle Safety 

API Documentation

Integration Instructions

Please follow the instructions below to integrate with the Cicopass API and grow your business with the largest and safest bicycle system

Start with Cicopass

If you don't have a Cicopass account, please [sign up here](#).



Free registration for your first 5 bicycles

Open Developer Guide

Explore the complete API reference, including endpoints, authentication, and integration guidelines. Follow the steps to seamlessly integrate Cicopass into your system

Contact

For technical support, API inquiries, or integration assistance, please contact us at: jjfarnholt@mijncico.com

Cicopass General Information

API Base URL: { <https://api.cicopass.com> }.

1. Authentication

POST /api/partners/auth/login

| Parameter | Type | Required | Description |
|-----------|--------|----------|---------------|
| email | string | yes | User email |
| password | string | yes | User password |

Response

```
{
  "token": "JWT_TOKEN",
  "expiresAt": "2026-01-01T12:00:00Z",
  "userId": "guid",
  "userName": "Jan",
  "email": "user@example.com",
  "companyId": 10,
}
```

2. Bicycles (Create, Get by ID, Attach CicoShield, Update Bike Status, Search, Search by CicoShield Code)

POST /api/partners/bikes

| Parameter | Type | Required | Description |
|---------------|--------|----------|-------------------|
| frameNumber | string | yes | Bike frame number |
| brand | string | yes | Bike brand |
| color | string | yes | Bike color |
| type | string | yes | Bike type |
| audience | string | yes | Target audience |
| salePrice | number | no | Sale price |
| model | string | no | Bike model |
| frameHeight | string | no | Frame height |
| frameMaterial | string | no | Frame material |

| | | | |
|----------------|--------|----|---------------------|
| frameColor | string | no | Frame color |
| gearType | string | no | Gear type |
| gears | int | no | Number of gears |
| wheelSize | string | no | Wheel size |
| driveType | string | no | Drive type |
| propulsionType | string | no | Propulsion type |
| images | array | no | List of bike images |

Response

```
{
  "id": 101,
  "frameNumber": "FR123456",
  "brand": "Batavus",
  "type": "E-bike",
  "audience": "Men",
  "color": "Black",
  "model": "Finez E-Go",
  "year": 2024,
  "frameHeight": "53",
  "frameMaterial": "Aluminium",
  "frameColor": "Black",
  "gearType": "Derailleur",
  "gears": 10,
  "wheelSize": "28",
  "driveType": "Chain",
  "propulsionType": "Manual",
  "images": [
    {
      "name": "bike1.jpg",
      "url": "https://api.cicopass.com/images/bike1.jpg"
    }
  ],
  "createdAt": "2026-01-01T12:00:00Z"
}
```

GET /api/partners/bikes/{id}

| Parameter | Type | Required | Description |
|-----------|------|----------|-------------|
| id | int | yes | Bike ID |

Response

```
{
  "id": 101,
  "frameNumber": "FR123456",
  "brand": "Batavus",
  "type": "E-bike",
  "audience": "Men",
  "color": "Black",
  "model": "Finez E-Go",
  "year": 2024,
  "frameHeight": "53",
  "frameMaterial": "Aluminium",
  "frameColor": "Black",
  "gearType": "Derailleur",
  "gears": 10,
  "wheelSize": "28",
  "driveType": "Chain",
  "propulsionType": "Manual",
  "images": [
    {
      "name": "bike1.jpg",
      "url": "https://api.cicopass.com/images/bike1.jpg"
    }
  ],
  "createdAt": "2026-01-01T12:00:00Z"
}
```

POST /api/partners/bikes/link-BikeShield

```
{
  "bikeId": 101,
  "shieldCode": "CICO-123456789"
}
```

Response

```
{
  "status": true,
  "message": "Shield successfully linked to bike",
  "bikeId": 101,
  "shieldCode": "CICO-123456789"
}
```

PUT /api/partners/bikes/{id}/mark-stolen (STOLEN)

```
{
  "status": "Stolen",
  "notes": "Bike stolen near station",
  "stolenPlaceTitle": "Central Station",
  "stolenPlaceLocation": "Amsterdam",
  "stolenDateTime": "2025-02-10T12:00:00Z",
  "isPoliceReported": true,
  "policeReportNumber": "POL123456",
  "isInsured": true,
  "insuranceCompany": "ABC Insurance"
}
```

PUT /api/partners/bikes/{id}/mark-found (FOUND)

```
{
  "status": "Found",
  "notes": "Bike recovered by police",
  "foundPlaceTitle": "City Park",
  "foundPlaceLocation": "Amsterdam",
  "foundDateTime": "2025-02-12T10:00:00Z",
  "foundBy": "Police"
}
```

POST /api/partners/bike-search/lookup (search with multiple parameters)

| Parameter | Type | Required | Description |
|-------------|----------|----------|--------------|
| frameNumber | string | no | Frame number |
| brand | string | no | Bike brand |
| color | string | no | Bike color |
| fromDate | datetime | no | Start date |
| toDate | datetime | no | End date |

Response

```
[
  {
    "id": 101,
    "frameNumber": "FR123456",
    "brand": "Batavus",
    "color": "Black",
    "model": "Finez E-Go",
    "year": "2024",
    "currentStatus": "Stolen",
    "ownerId": "guid",

    "statusHistory": [
      {
        "status": "Registered",
        "changedOn": "2025-01-01T10:00:00Z",
        "notes": "Bike registered"
      },
      {
        "status": "Stolen",
        "changedOn": "2025-02-10T14:30:00Z",
        "notes": "Reported stolen",
        "stolenPlaceTitle": "City Center",
        "stolenPlaceLocation": "Amsterdam",
        "stolenDateTime": "2025-02-10T12:00:00Z",
        "isPoliceReported": true,
        "policeReportNumber": "POL123456",
        "isInsured": true,
        "insuranceCompany": "ABC Insurance"
      }
    ],

    "images": [
      {
        "name": "bike1.jpg",
        "url": "https://api.cicopass.com/images/bike1.jpg"
      }
    ]
  }
]
```

GET /api/partners/bike-search/stolen?frameNumber=&stickerCode=

| Parameter | Type | Required | Description |
|-------------|--------|----------|----------------------|
| ShieldCode | string | no | Cicopass Shield code |
| frameNumber | string | no | Frame number |

Response will be same as above.

3.Orders (Create, Get)

POST /api/orders

Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...

Content-Type: application/json

Request (Body)

```
{
  "quantity": 50,
  "orderNote": "Optional note from partner"
}
```

Response

```
{
  "status": true,
  "message": "Order created successfully",
  "data": {
    "orderId": 2,
    "orderNumber": "ORD-20260504065315-CB71",
    "customer": "Sadia nawaz",
    "company": "Sadia Company",
    "quantity": 23,
    "pricePerShield": 5.50,
    "subtotal": 126.50,
    "total": 126.50,
    "paymentStatus": "Pending",
    "orderStatus": "Placed"
  }
}
```

GET /api/partners/orders

Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...

Response

```
[
  {
    "orderId": 5001,
    "orderNumber": "CP-2026-0001",
    "orderDate": "2026-01-01T12:00:00Z",
    "paymentMethod": "Invoice",
    "paymentStatus": "Pending",
    "orderStatus": "Created",
    "total": 250.00,

    "orderItems": [
      {
        "productName": "Cicopass BikeShield",
        "price": 5.00,
        "quantity": 50,
        "total": 250.00
      }
    ]
  },
  {
    "orderId": 5002,
    "orderNumber": "CP-2026-0002",
    "orderDate": "2026-01-05T10:30:00Z",
    "paymentMethod": "Invoice",
    "paymentStatus": "Paid",
    "orderStatus": "Completed",
    "total": 100.00,

    "orderItems": [
      {
        "productName": "Cicopass BikeShield",
        "price": 5.00,
        "quantity": 20,
        "total": 100.00
      }
    ]
  }
]
```

