

29/04/2025

Fost Plus – MyFost Partner API

Changes in Client Authentication and in V3.0

How to connect to the new API?

Client Authentication Migration

How to connect to the new API?

We're updating the authentication process for the MyFost Partner API as part of a broader upgrade. This includes a new base URL, versioning and updated scopes for improved security and flexibility.

⚠ Important:

*The current authentication endpoint will be **deprecated on May 31, 2026**.*

*Please **update your applications** to use the new authentication URL and scopes to ensure compatibility and avoid service disruptions.*

To request an access token with the new process, you'll need:

- **Client ID** (see next slides how to generate one in our application)
- **Client Secret** (see next slides how to generate one in our application)

	Old Authentication	New Authentication
Token URL	https://account.fostplus.be/connect/token	https://auth.fostplus.be/oauth2/default/v1/token
Scopes	myfostapi	myfostapi olympus-olympusapi

Obtaining the new Client ID & Client Secret

- Create Client ID and Client Secret in the User Detail page of MyFost by clicking “Create API client”

The screenshot shows the MyFost user management interface. At the top right, there is a user profile for 'Mathijs Driesen' with a 'Logout' link and a language selector (NL, FR, EN, VERSTAAL). Below this is a 'Users' button. The main content area is titled 'User' and contains a form for editing user details. The form fields are: User name (Acc test Fost), E-mail (myfost@fostplus.be), First name (ACC TEST Fost), Last name (Plus), Salutation (Mrs), Language (Dutch), Active (checked), and Archived (unchecked). Below the form are 'Save' and 'Back' buttons. The 'Access to' section contains a table with columns 'Partner / Member' and 'Type'. The table has two rows: 'Test Lid Fost Plus' (Member) and 'Test Partner Fost Plus' (Partner). Below this is the 'Application roles' section with a table with columns 'Name' and 'Description'. At the bottom, the 'API client' section contains a blue box with instructions: 'Below you can create a clientId/clientSecret to access the MyFostAPI. When the clientId has been created, the clientSecret can be generated. Both clientId and clientSecret can be copied.' Below this box is a button labeled '+ Create API client' with a red arrow pointing to it.

Home

Mathijs Driesen | Logout

NL FR EN VERSTAAL

Users

User

User name: Acc test Fost

E-mail: myfost@fostplus.be

First name: ACC TEST Fost

Last name: Plus

Salutation: Mrs

Language: Dutch

Active:

Archived:

Activated on:

Save Back

Access to

First, enter below to which data the user should have access. By clicking on the partner/member you can then manage the rights of the user. Do this for each added partner/member. Afterwards, click on 'send password email'. The user will receive an e-mail with an activation link. The access and rights can be changed if desired.

Partner / Member	Type	
Test Lid Fost Plus	Member	
Test Partner Fost Plus	Partner	

Application roles

Name	Description	
------	-------------	--

API client

Below you can create a clientId/clientSecret to access the MyFostAPI. When the clientId has been created, the clientSecret can be generated. Both clientId and clientSecret can be copied.

+ Create API client

API V2.0 Changes

Important changes when going from V1.1 to V2.0

GlassBinWeighings => BinWeighings

- The object GlassBinWeighing is renamed to BinWeighing.
- This also results in a name change in the Foreign Key

GlassBinWeighings

POST /api/v1.1/glassBinWeighings/tripWeighings

Parameters

No parameters

Request body

```
{
  "tripWeighings": {
    "partyId": 0,
    "tripNumber": "string",
    "collectionDate": "2025-04-30T13:26:33.882Z",
    "glassBinWeighings": [
      {
        "collectionPointId": 0,
        "glassBinId": 0,
        "luMaterialId": 0,
        "nettoWeight": 0
      }
    ]
  }
}
```

BinWeighings

POST /api/v2.0/binWeighings/tripWeighings Create binWeighings

Parameters

No parameters

Request body

```
{
  "tripWeighings": {
    "partyId": 0,
    "luFractionId": 0,
    "tripNumber": "string",
    "collectionDate": "2025-04-30T10:12:11.554Z",
    "binWeighings": [
      {
        "collectionPointId": 0,
        "binId": 0,
        "luMaterialId": 0,
        "nettoWeight": 0
      }
    ]
  }
}
```

Deliveries

- The object DeliveryDistributionGlassBinWeighings is renamed to DeliveryDistributionBinWeighings.
- This also results in a name change in the Foreign Key

```
POST /api/v1.1/deliveries Create a delivery

Parameters
No parameters

Request body

{
  "containerVolume": 0
},
"deliveryDistributions": [
  {
    "postalCodeId": 0,
    "collectionPointId": 0,
    "nettoPercentage": 0
  }
],
"deliveryDistributionGlassBinWeighings": [
  {
    "collectionPointId": 0,
    "glassBinId": 0,
    "nettoWeight": 0
  }
],
"deliveryProjects": [
  {
    "projectId": 0,
    "nettoPercentage": 0
  }
]
```

```
POST /api/v2.0/deliveries Create a delivery

Parameters
No parameters

Request body

{
  "containerVolume": 0
},
"deliveryDistributions": [
  {
    "postalCodeId": 0,
    "collectionPointId": 0,
    "nettoPercentage": 0
  }
],
"deliveryDistributionBinWeighings": [
  {
    "collectionPointId": 0,
    "binId": 0,
    "nettoWeight": 0
  }
],
"deliveryProjects": [
  {
    "projectId": 0,
    "nettoPercentage": 0
  }
]
```

Deliveries/byContractLine

- The object DeliveryDistributionGlassBinWeighings is renamed to DeliveryDistributionBinWeighings.
- This also results in a name change in the Foreign Key

```
POST /api/v1.1/deliveries/byContractLine

Parameters
No parameters

Request body

{
  "postalCodeId": 0,
  "collectionPointId": 0,
  "nettoPercentage": 0
},
"deliveryDistributionGlassBinWeighings": [
  {
    "collectionPointId": 0,
    "glassBinId": 0,
    "nettoWeight": 0
  }
],
"deliveryProjects": [
  {
    "projectId": 0,
    "nettoPercentage": 0,
    "balesQuantity": 0
  }
],

```

```
POST /api/v2.0/deliveries/byContractLine

Parameters
No parameters

Request body

  postalCodeId : 0
},
"deliveryDistributions": [
  {
    "postalCodeId": 0,
    "collectionPointId": 0,
    "nettoPercentage": 0
  }
],
"deliveryDistributionBinWeighings": [
  {
    "collectionPointId": 0,
    "binId": 0,
    "nettoWeight": 0
  }
],
"deliveryProjects": [
  {
    "projectId": 0,
    "nettoPercentage": 0.

```

Deliveries/EnrichWithGlassBinWeighings => Deliveries/EnrichWithBinWeighings

- EnrichWithBinWeighings has a Foreign Key that's renamed.

POST /api/v1.1/deliveries/enrichWithGlassBinWeighings

Parameters

No parameters

Request body

```
{
  "deliveryId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "deliveryDistributionGlassBinWeighings": [
    {
      "collectionPointId": 0,
      "glassBinId": 0,
      "nettoWeight": 0
    }
  ]
}
```

POST /api/v2.0/deliveries/enrichWithBinWeighings

Parameters

No parameters

Request body

```
{
  "deliveryId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "deliveryDistributionBinWeighings": [
    {
      "collectionPointId": 0,
      "binId": 0,
      "nettoWeight": 0
    }
  ]
}
```

API V3.0 Changes

Important changes when going from V2.0 to V3.0

Deliveries

- Properties senderLuQualityId and receiverLuQualityId are added for B-flows.
- DeliveryProjects now only need the projectId

POST /api/v2.0/deliveries Create a delivery	POST /api/v3.0/deliveries Create a delivery	POST /api/v2.0/deliveries Create a delivery	POST /api/v3.0/deliveries Create a delivery
Parameters	Parameters	Parameters	Parameters
No parameters	No parameters	No parameters	No parameters
Request body	Request body	Request body	Request body
<pre>{ "delivery": { "collectingDate": "2025-04-30T12:26:05.687Z", "senderPartyId": 0, "receiverPartyId": 0, "senderLuActivityId": 0, "senderLuFractionId": 0, "receiverLuMaterialId": 0, "senderLuCollectingSystemId": 0, "isCollectingByDay": true, "isCollectingAtNight": true, "isCollectingInTheEvening": true, "isTouristic": true, "isAssociation": true, "licencePlate": "string", "transporterName": "string", "tripNumber": "string", "isDistributionProjectByBales": true, "deliveryPostalCodes": [] } } }</pre>	<pre>{ "delivery": { "collectingDate": "2025-04-30T12:25:58.529Z", "senderPartyId": 0, "receiverPartyId": 0, "senderLuActivityId": 0, "senderLuFractionId": 0, "receiverLuMaterialId": 0, "senderLuCollectingSystemId": 0, "senderLuQualityId": 0, "receiverLuQualityId": 0, "isCollectingByDay": true, "isCollectingAtNight": true, "isCollectingInTheEvening": true, "isTouristic": true, "isAssociation": true, "licencePlate": "string", "transporterName": "string", "tripNumber": "string", "isDistributionProjectByBales": true } }</pre>	<pre>{ "binId": 0, "nettoWeight": 0 }, "deliveryProjects": [{ "projectId": 0, "nettoPercentage": 0, "balesQuantity": 0 }], "weighingTicket": { "isWeighingAtReceiverIn": true, "city": "string", "weighingTicketNumber": "string", "weighDateTime": "2025-04-30T12:26:05.687Z", "firstWeighing": 0, "secondWeighing": 0, "balesQuantity": 0, "remarks": "string" }</pre>	<pre>{ "postalCodeId": 0, "collectionPointId": 0, "nettoPercentage": 0 }, "deliveryDistributionBinWeighings": [{ "collectionPointId": 0, "binId": 0, "nettoWeight": 0 }], "deliveryProjects": [{ "projectId": 0 }], "weighingTicket": { "isWeighingAtReceiverIn": true, "city": "string", }</pre>

Deliveries/byContractLine

- DeliveryProjects now only need the projectId

POST /api/v2.0/deliveries/byContractLine

Parameters

No parameters

Request body

```
    "collectionPointId": 0,
    "binId": 0,
    "nettoWeight": 0
  },
  "deliveryProjects": [
    {
      "projectId": 0,
      "nettoPercentage": 0,
      "balesQuantity": 0
    }
  ],
  "weighingTicket": {
    "isWeighingAtReceiverIn": true,
    "city": "string",
    "weighingTicketNumber": "string",
    "weighDateTime": "2025-04-30T12:51:15.821Z",
    "firstWeighing": 0,
    "secondWeighing": 0,
    "balesQuantity": 0,
    "remarks": "string"
  }
}
```

POST /api/v3.0/deliveries/byContractLine

Parameters

No parameters

Request body

```
    "collectionPointId": 0,
    "binId": 0,
    "nettoWeight": 0
  },
  "deliveryProjects": [
    {
      "projectId": 0
    }
  ],
  "weighingTicket": {
    "isWeighingAtReceiverIn": true,
    "city": "string",
    "weighingTicketNumber": "string",
    "weighDateTime": "2025-04-30T12:51:18.827Z",
    "firstWeighing": 0,
    "secondWeighing": 0,
    "balesQuantity": 0,
    "remarks": "string"
  }
}
```

DeliveryPickups

- Additional properties for B-flow functionality
 - senderLuActivityId
 - senderLuQualityId
 - receiverLuQualityId

POST /api/v2.0/deliveryPickups Create a delivery pickup

Parameters

No parameters

Request body

```
{
  "deliveryPickup": {
    "requestedPickupDate": "2025-04-30T12:55:26.446Z",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "senderLuFractionId": 0,
    "receiverLuMaterialId": 0,
    "tripNumber": "string",
    "deliveryProjects": [
      {
        "projectId": 0
      }
    ]
  }
}
```

POST /api/v3.0/deliveryPickups Create a delivery pickup

Parameters

No parameters

Request body

```
{
  "deliveryPickup": {
    "requestedPickupDate": "2025-04-30T12:55:29.145Z",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "senderLuFractionId": 0,
    "senderLuActivityId": 0,
    "receiverLuMaterialId": 0,
    "senderLuQualityId": 0,
    "receiverLuQualityId": 0,
    "tripNumber": "string",
    "deliveryProjects": [
      {
        "projectId": 0
      }
    ]
  }
}
```

DeliveryPickups/byContractLine

- Additional properties for B-flow functionality
 - receiverLuQualityId

POST /api/v2.0/deliveryPickups/byContractLine

Parameters

No parameters

Request body

```
{
  "deliveryPickup": {
    "requestedPickupDate": "2025-04-30T13:00:06.774Z",
    "senderContractLineId": 0,
    "receiverPartyId": 0,
    "receiverLuMaterialId": 0,
    "receiverContractLineId": 0,
    "tripNumber": "string",
    "deliveryProjects": [
      {
        "projectId": 0
      }
    ]
  }
}
```

POST /api/v3.0/deliveryPickups/byContractLine

Parameters

No parameters

Request body

```
{
  "deliveryPickup": {
    "requestedPickupDate": "2025-04-30T13:00:08.595Z",
    "senderContractLineId": 0,
    "receiverPartyId": 0,
    "receiverLuMaterialId": 0,
    "receiverLuQualityId": 0,
    "receiverContractLineId": 0,
    "tripNumber": "string",
    "deliveryProjects": [
      {
        "projectId": 0
      }
    ]
  }
}
```

WeighingTickets

- Additional properties for B-flow functionality
 - luQualityId

POST /api/v2.0/weighingTickets Create or

Parameters

No parameters

Request body

```
{
  "weighingTicket": {
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "transporterName": "string",
    "city": "string",
    "weighingTicketNumber": "string",
    "tripNumber": "string",
    "licencePlate": "string",
    "weighDateTime": "2025-04-30T13:02:59.837Z",
    "firstWeighing": 0,
    "secondWeighing": 0,
    "balesQuantity": 0,
    "remarks": "string",
    "rowVersion": "string"
  }
}
```

POST /api/v3.0/weighingTickets Create or

Parameters

No parameters

Request body

```
{
  "weighingTicket": {
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "senderPartyId": 0,
    "receiverPartyId": 0,
    "isWeighingAtReceiverIn": true,
    "luFractionId": 0,
    "luMaterialId": 0,
    "luQualityId": 0,
    "transporterName": "string",
    "city": "string",
    "weighingTicketNumber": "string",
    "tripNumber": "string",
    "licencePlate": "string",
    "weighDateTime": "2025-04-30T13:02:55.437Z",
    "firstWeighing": 0,
    "secondWeighing": 0,
    "balesQuantity": 0,
    "remarks": "string",
    "rowVersion": "string"
  }
}
```