

Subscription Management

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Create Subscription

Use this API to create a new subscription. After a successful request, the response will include a payment link that you must redirect your customer to in order to complete the subscription setup.

Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/subscriptions/submit
```

Authentication

This endpoint requires a `Bearer Token` for authentication. You will need to obtain this token from Front Payment and include it in the `Authorization` header of your request.

Example Authorization Header: `Authorization: Bearer YOUR_FRONTPAID_BEARER_TOKEN`

Request Payload

The request body should be a JSON object including the following elements:

```
{
  "products": [
    {
      "name": "string",
      "productId": "string or null",
      "quantity": number,
      "rate": number,
      "discount": number (optional),
      "tax": number,
      "amount": number
    }
  ],
  "billingFrequency": "string",
  "numberOfRepeats": number,
  "orderSummary": {
```

```

"subTotal": number,
"totalTax": number,
"totalDiscount": number,
"grandTotal": number,
"payablePerCycle": number
},
"subscriptionStartDate": "string",
"subscriptionEndsDate": "string",
"dueDateForPaymentLink": "string",
"sendOrderBy": {
  "sms": boolean,
  "email": boolean
},
"customerDetails": {
  "type": "string or null",
  "countryCode": "string or null",
  "msisdn": "string or null",
  "email": "string or null (must be email format)",
  "name": "string",
  "personalNumber": "string or null",
  "organizationId": "string or null (when type=corporate)",
  // (other fields like preferredLanguage or address may apply in checkout session—refer to specific endpoints)
}
}

```

Validation Rules

The following table outlines validation constraints for each field in the request payload:

Field	Type	Description
products.*.name	string	Required. Name of the product.
products.*.productId	string	Optional. Unique identifier for the product.
products.*.quantity	numeric	Required. Quantity of the product.
products.*.rate	numeric	Required. Rate per unit of the product.
products.*.discount	numeric	Optional. Discount applied to the product.

Field	Type	Description
products*.tax	numeric	Required. Tax rate (e.g., 0, 12, 15, 25). Unless you have other configuration.
products*.amount	numeric	Required. Total amount for the product line item.
billingFrequency	string	Required Defines how often the billing occurs (e.g., daily, weekly, monthly)
numberOfRepeats	numeric	Required Specifies how many times the billing cycle should be repeated.
orderSummary.subTotal	numeric	Required. Subtotal of all products before tax and discount.
orderSummary.totalTax	numeric	Required. Total tax for the order.
orderSummary.totalDiscount	numeric	Required. Total discount for the order.
orderSummary.grandTotal	numeric	Required. Grand total of the order.
orderSummary.payablePerCycle	numeric	Required Amount to be paid by the customer for each billing cycle.
subscriptionStartDate	string	Required The date when the subscription becomes active.
subscriptionEndDate	string	Required The end date of subscription
dueDateForPaymentLink	string	Required. Unix timestamp for the due date of the payment link.
sendOrderBy.sms	boolean	Required If the payment link should send via sms
sendOrderBy.email	boolean	Required If the payment link should send via email
customerDetails.type	string	Required. Customer type must be either <code>private</code> or <code>corporate</code> .
customerDetails.countryCode	string	Required. Country code for the customer's phone number (e.g., "+47")
customerDetails.msisdn	string	Required. Mobile Subscriber ISDN Number (phone number).
customerDetails.email	email	Required. Customer's email address.
customerDetails.name	string	Required. Customer's full name.
customerDetails.personalNumber	string	Optional Customer's personal identification number, must be 11 characters

Field	Type	Description
<code>customerDetails.organizationId</code>	<code>string</code>	Required if <code>customerDetails.type</code> is <code>corporate</code> . Must be number

Responses

Successful Response

On success, you'll receive a JSON response containing the status and a payment link to redirect the user:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message": "subscriptionCreatedSuccessfully",
  "is_data": true,
  "data": {
    "paymentLink": "https://...",
    "subscriptionUuid": "...",
    "orderUuid": "...",
    // Possibly other metadata
  }
}
```

You must redirect the customer to `paymentLink` to finalize the subscription.
(`[docs.frontpayment.no][1]`)

Error Responses

- **401 Unauthorized:** Missing or invalid Bearer token.
- Other validation errors will return appropriate HTTP error codes (e.g., `400 Bad Request`) along with error messages specifying the invalid or missing fields.

Create Session For Subscription Payment

Use this API endpoint to create a new subscription using the checkout modality. Upon a successful request, you'll receive a `paymentUrl` that your application must redirect the customer to in order to complete the subscription setup.

Endpoint

- **URL:** `https://demo-api.frontpayment.no/api/v1/connect/subscription/create`
([docs.frontpayment.no](#))[2])
- **Method:** `POST`

Authentication

Requires **Bearer Token** authentication. Include the token in the `Authorization` header:

```
Authorization: Bearer YOUR_ACCESS_TOKEN
```

If the token is missing or invalid, the API returns a `401 Unauthorized` response.
([docs.frontpayment.no](#))[1])

Request Payload

The body must be JSON and include fields such as products, billing schedule, customer details, callback URLs, etc. Here's a condensed example:

```
{
  "products": {
    "0": {
      "name": "product 3",
      "productId": null,
      "quantity": "1",
      "rate": "2000",
      "discount": 0,
```

```
    "tax": "0",
    "amount": 2000
  }
},
"orderSummary": {
  "subTotal": "2000.00",
  "totalTax": "0.00",
  "totalDiscount": "0.00",
  "grandTotal": "2000.00",
  "payablePerCycle": "2000.00"
},
"billingFrequency": "month",
"numberOfRepeats": 12,
"subscriptionStartDate": "21 Feb, 2023",
"subscriptionEndsDate": "21 Feb, 2024",
"dueDateForPaymentLink": "1677047770.652",
"customerDetails": {
  "customerUuid": "CSRT3798554634",
  "type": "private",
  "countryCode": "+47",
  "msisdn": "46567468",
  "email": "[email protected]",
  "name": "Kari Nordmann",
  "personalNumber": null,
  "organizationId": "925710482",
  "preferredLanguage": "no",
  "address": {
    "street": "Luramyrvеien 65",
    "zip": "4313",
    "city": "Sandnes",
    "country": "Norway"
  }
},
"customerNotes": "test",
"termsAndConditions": "terms and conditions",
"submitPayment": {
  "via": "visa",
  "currency": "NOK"
},
"callback": {
```

```

"success": "https://demo.frontpayment.no/?order_identifier=...&order_status=success",
"failure": "https://demo.frontpayment.no/?order_identifier=...&order_status=failed"
}
}

```

([docs.frontpayment.no][1])

Validation Rules

Below are the validation constraints for each field:

Field	Type	Description
products.*.name	string	Required
products.*.productId	string	Optional , max length 25
products.*.quantity	numeric	Required
products.*.rate	numeric	Required
products.*.discount	numeric	Optional
products.*.tax	numeric	Required
products.*.amount	numeric	Required
billingFrequency	string	Required (e.g., monthly, weekly, daily)
numberOfRepeats	numeric	Required
orderSummary.subTotal	numeric	Required
orderSummary.totalTax	numeric	Required
orderSummary.totalDiscount	numeric	Required
orderSummary.grandTotal	numeric	Required
orderSummary.payablePerCycle	numeric	Required
subscriptionStartDate	string	Required
subscriptionEndsDate	string	Required
dueDateForPaymentLink	string	Required
customerDetails.type	string	Required (nullable)
customerDetails.countryCode	string	Required (nullable)
customerDetails.msisdn	string	Required (nullable)
customerDetails.email	email	Required (nullable)
customerDetails.name	string	Required

Field	Type	Description
customerDetails.personalNumber	string	Optional , Customer's personal identification number, must be 11 characters.
customerDetails.organizationId	string	Required if type=corporate, Optional , regex /^[a-zA-Z0-9]+\$/
customerDetails.preferredLanguage	string	Required
customerDetails.address	array	Required
customerDetails.address.street	string	Required
customerDetails.address.zip	string	Required
customerDetails.address.city	string	Required
customerDetails.address.country	string	Required , ISO Alpha-2 country code
customerNotes	string	Optional
termsAndConditions	string	Optional
submitPayment.currency	string	Required
submitPayment.via	string	Optional
settings	array	Optional
settings.secureDetails	boolean	Optional
callback.success	url	Required
callback.failure	url	Required

:contentReference[oaicite:4]{index=4}

Response

Success

Returns HTTP status `201` with a payload like:

```
{
  "status_code": 201,
  "status_message": "OK",
  "message": "subscriptionRequestSuccessfullyHandled",
  "is_data": true,
  "data": {
    "subscriptionUuid": "SUB1812030514",
    "orderUuid": "ODR3798113293",
    "customerUuid": "CSRT3820359602",
```

```
"paymentUrl": "https://..."
}
}
```

([docs.frontpayment.no][1])

Error Responses

- **510 Execution Exception** - Internal processing error:

```
{
  "status_code": 510,
  "status_message": "Execution Exception Occurred",
  "message": "Internal Error Occurred Please Try Again Later",
  "is_error": true,
  "errors": [...]
}
```

- **500 Internal Dependency Error** - Critical failure in dependency:

```
{
  "status_code": 500,
  "status_message": "Internal Dependency Error",
  "message": "Internal Error Occurred Please Try Again Later",
  "is_error": true,
  "errors": [
    {
      "happenedAt": "String",
      "internalErrorDetails": "String"
    }
  ]
}
```

Get Subscription List

Description:

Retrieves a paginated list of subscriptions. The response includes details of each subscription, and filtering options can be applied via query parameters.

Url Parameter Parameters:

- `status` (string, optional) - Filter subscriptions by status (e.g., `SENT`, `ONGOING`, `COMPLETED`, `CANCELLED`).

Query Parameters:

- `page` (integer, optional) - The page number for pagination. Default: `1`.
- `phone` (string, optional) - Filter subscriptions by phone.
- `customerName` (string, optional) - Retrieve subscriptions associated with a specific customer.
- `startDate` (date, optional) - Filter subscriptions that started on or after this date (Format: `YYYY-MM-DD`).
- `endDate` (date, optional) - Filter subscriptions that ended on or before this date (Format: `YYYY-MM-DD`). `startDate` and `endDate` should be used together.

Authentication

This endpoint requires authentication using a **Bearer Token**. The client must send the token in the `Authorization` header for every request.

Example Authentication Header:

```
Authorization: Bearer YOUR_ACCESS_TOKEN
```

If the token is missing or invalid, the API will return a `401 Unauthorized` response.

Endpoint	:	https://demo-api.frontpayment.no/api/v1/connect/subscriptions/list/{status?}
Method	:	GET
Authorization	:	Bearer

Response Structure

:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message":
"subscriptionRetrieveSuccessfully",
  "is_data": true,
  "data": [
    {
      "subscriptionUuid": "String",
      "orderUuid": "String",
      "repeats": "Integer",
      "frequency": "String",
      "amount": "Float",
      "currency": "String",
      "createdAt": "String",
      "customerName": "String",
      "clientName": "String",
      "customerEmail": "String",
      "countryCode": "String",
      "msisdn": "String",
      "status": "String",
      "isPaid": "Boolean",
      "isRefundable": "Boolean",
      "numberOfPaidCycles":
"Integer"
    }
  ],
  "metaData": {
    "total": "Integer",
    "perPage": "Integer",
    "currentPage": "Integer",
    "lastPage": "Integer"
  },
  "links": {
    "previous": null,
    "next": "https://fpga-backend.test/api/v1/connect/subscriptions/failed/list?page=2"
  }
}
```

Example Response

:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message":
"subscriptionRetrieveSuccessfully",
  "is_data": true,
  "data": [

    {
      "subscriptionUuid":
"SUB3959080783",
      "orderUuid":
"ODR1530327942",
      "repeats": 12,
      "frequency": "month",
      "amount": 2000,
      "currency": "NOK",
      "createdAt":
"07.11.2023",
      "customerName": "420
Test",
      "clientName": "Front
Payment AS",
      "customerEmail": "local-
420test@yopmail.com",
      "countryCode": "+47",
      "msisdn": "46567468",
      "status": "EXPIRED",
      "isPaid": false,
      "isRefundable": false,
      "numberOfPaidCycles":
0,
    },
    {
      "subscriptionUuid":
"SUB4132380543",
      "orderUuid":
"ODR2167679196",
      "repeats": 12,
      "frequency": "month",
      "amount": 2000,
      "currency": "NOK",
```


Get Failed Payment List

Description:

Retrieves a paginated list of failed subscription orders. The response includes details of each subscription order, and filtering options can be applied via query parameters.

Url Parameter Parameters:

- `status` (string, optional) - Filter subscriptions by status (e.g., paid, invoiced, debtCollection).

Query Parameters:

- `page` (integer, optional) - The page number for pagination. Default: `1`.
- `subscriptionUuid` (string, optional) - Retrieve subscriptions associated with a specific subscription.
- `phone` (string, optional) - Filter subscriptions order by customer phone.
- `customerName` (string, optional) - Retrieve subscriptions associated with a specific customer name.
- `startDate` (date, optional) - Filter subscription order that started on or after this date (Format: `YYYY-MM-DD`).
- `endDate` (date, optional) - Filter subscription order that ended on or before this date (Format: `YYYY-MM-DD`). `startDate` and `endDate` should be used together.

Authentication

This endpoint requires authentication using a **Bearer Token**. The client must send the token in the `Authorization` header for every request.

Example Authentication Header:

```
Authorization: Bearer YOUR_ACCESS_TOKEN
```

If the token is missing or invalid, the API will return a `401 Unauthorized` response.

Endpoint	:	https://demo-api.frontpayment.no/api/v1/connect/subscriptions/failed/list/{status?}
Method	:	GET

Authorization	:	Bearer
----------------------	---	--------

Response Structure

:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message":
"failedSubscriptionOrdersRetrie
vedSuccessfully!",
  "is_data": true,
  "data": [
    {
      "orderUuid": "String",
      "orderDate": "String",
      "customerName":
"String",
      "clientName": "String",
      "countryCode": "String",
      "msisdn": "String",
      "currency": "String",
      "amount": "Float",
      "status": "String",
      "translationKey":
"failedSubscriptionOrderInvoice
d",
      "subscriptionUuid":
"String"
    },
    "metaData": {
      "total": "Integer",
      "perPage": "Integer",
      "currentPage": "Integer",
      "lastPage": "Integer"
    },
    "links": {
      "previous": null,
      "next": "https://fpgo-
backend.test/api/v1/connect/sub
scriptions/failed/list?page=2"
    }
  ]
}
```

Example Response

:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message":
"failedSubscriptionOrdersRetrie
vedSuccessfully!",
  "is_data": true,
  "data": [
    {
      "orderUuid":
"ODR1276808511",
      "orderDate": "19.12.2024",
      "customerName": "Nafees",
      "clientName": "Sweden &
Co",
      "countryCode": "+47",
      "msisdn": "46567468",
      "currency": "NOK",
      "amount": 2500,
      "status": "INVOICED",
      "translationKey":
"failedSubscriptionOrderInvoice
d",
      "subscriptionUuid":
"SUB2532543787"
    },
    {
      "orderUuid":
"ODR266110120",
      "orderDate": "19.12.2024",
      "customerName": "Nafees",
      "clientName": "Sweden &
Co",
      "countryCode": "+47",
      "msisdn": "46567468",
      "currency": "NOK",
      "amount": 10,
      "status": "INVOICED",
      "translationKey":
"failedSubscriptionOrderInvoice
d",
      "subscriptionUuid":
"SUB2642190423"
```


Get Subscription Details By Uuid

Description:

Retrieves a subscription by uuid. The response includes details of the subscription.

Url Parameter Parameters:

- `subscriptionUuid` (string, required)

Authentication

This endpoint requires authentication using a **Bearer Token**. The client must send the token in the `Authorization` header for every request.

Example Authentication Header:

```
Authorization: Bearer YOUR_ACCESS_TOKEN
```

If the token is missing or invalid, the API will return a `401 Unauthorized` response.

Endpoint	:	https://demo-api.frontpayment.no/api/v1/connect/subscriptions/details/{subscriptionUuid}
Method	:	GET
Authorization	:	Bearer
Payload Validations	:	
Example Payload	:	

Response Structure

:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message":
"subscriptionDetailsRetrievedSu
ccessfully",
  "is_data": true,
  "data": {
    "subscriptionUuid":
"String",
    "status": "String",
    "subscriptionSummary": {
      "subscriptionAmount":
"Float",
      "amountPaid": "Float",
      "amountRefunded":
"Float",
      "amountInBank": "Float",
      "startDate": "String",
      "endDate": "String",

"dueDateForPaymentLink":
"String",
      "payablePerCycle":
"Integer",
      "frequency": "String",
      "repeats": "Integer",
      "currency": "String",
      "currentCycle": "String",
      "isPaid": "Boolean",
      "isRefundable":
"Boolean"
    },
    "productList": [
      {
        "id": "Integer",
        "productName":
"String",
        "productId":
"null|String",
        "quantity": "Integer",
        "rate": "Float",
        "discount": "Integer",
```

Example Response

:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message":
"subscriptionDetailsRetrievedSu
ccessfully",
  "is_data": true,
  "data": {
    "subscriptionUuid":
"SUB1087613902",
    "status": "ONGOING",
    "subscriptionSummary": {
      "subscriptionAmount":
100,
      "amountPaid": 2600,
      "amountRefunded": 0,
      "amountInBank": 2600,
      "startDate":
"10.09.2023",
      "endDate":
"09.03.2023",

      "dueDateForPaymentLink":
"07:13, 12.09.2023",
      "payablePerCycle": 100,
      "frequency": "monthly",
      "repeats": 30,
      "currency": "NOK",
      "currentCycle": "Cycle
26",
      "isPaid": true,
      "isRefundable": true
    },
    "productList": [
      {
        "id": 1035,
        "productName": "Test
Service",
        "productId": "S001",
        "quantity": 1,
        "rate": 100,
        "discount": 0,
        "tax": 0,
```


Get Failed Payment Details

Description:

Retrieves a failed subscription order by `orderId`. The response includes details of the failed subscription order.

Url Parameter Parameters:

- `orderId` (string, required)

Authentication

This endpoint requires authentication using a **Bearer Token**. The client must send the token in the `Authorization` header for every request.

Example Authentication Header:

```
Authorization: Bearer YOUR_ACCESS_TOKEN
```

If the token is missing or invalid, the API will return a `401 Unauthorized` response.

Endpoint	:	https://demo-api.frontpayment.no/api/v1/connect/subscriptions/failed/details/{orderId}
Method	:	GET
Authorization	:	Bearer
Payload Validation	:	

Response Structure

:

```
{
  "status_code": "Integer",
  "status_message": "String",
  "message": "String",
  "is_data": "Boolean",
  "data": {
    "subscriptionUuid": "String",
    "orderDate": "String",
    "customerNotes": "String",
    "isInvoiced": "Boolean",
    "termsAndConditions":
"String| null",
    "customerName": "string",
    "countryCode": "String",
    "msisdn": "String",
    "email": "String",
    "street": "String",
    "zip": "String",
    "city": "String",
    "country": "String",
    "subTotal": "Float",
    "totalDiscount": "Float",
    "totalTax": "Float",
    "currency": "String",
    "status": "String",
    "products": [
      {
        "productName": "String",
        "quantity": "Integer",
        "rate": "Float",
        "discount": "Float",
        "tax": "Float",
        "amount": "Float"
      }
    ]
  }
}
```

Example Response

:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message":
"orderRetrievedSuccessfully",
  "is_data": true,
  "data": {
    "subscriptionUuid":
"SUB2532543787",
    "orderDate": "19.12.2024",
    "customerNotes": null,
    "isInvoiced": 1,
    "termsAndConditions": null,
    "customerName": "Nafees",
    "countryCode": "+47",
    "msisdn": "46567468",
    "email":
"nafees@yopmail.com",
    "street": "Lura",
    "zip": "4131",
    "city": "Stavanger",
    "country": "NO",
    "subTotal": 2173.91,
    "totalDiscount": 0,
    "totalTax": 326.09,
    "currency": "NOK",
    "status": "INVOICED",
    "products": [
      {
        "productName": "Health
Check Service 3",
        "quantity": 1,
        "rate": 2500,
        "discount": 0,
        "tax": 15,
        "amount": 2500
      }
    ]
  }
}
```


Resend Subscription

Description:

Resend subscription payment link.

Url Parameter Parameters:

- `subscriptionUuid` (string, required) - Resend the subscription order.

Endpoint	:	https://demo-api.frontpayment.no/api/v1/connect/subscriptions/resend/{subscriptionUuid}
Method	:	POST
Request Payload	:	<pre>{ "orderId": "String", "countryCode": "String", "msisdn": "String", "email": "String" }</pre>
Response Structure	:	<pre>{ "status_code": 202, "status_message": "OK", "message": "subscriptionOrderResentSuccessfully", "is_data": false, "data": "Array" }</pre>

Response Example	:	<pre>{ "status_code": 202, "status_message": "OK", "message": "subscriptionOrderResentSuccessfully", "is_data": false, "data": null }</pre>
-------------------------	---	---

Cancel Subscription

Description

Cancel a subscription by uuid. Only SEND and ONGOING subscription can be cancelled

Endpoint	:	https://demo-api.frontpayment.no/api/v1/connect/subscriptions/cancel/{subscriptionUuid}
Method	:	POST
Authorization	:	Bearer
Request Payload	:	<pre>{ "note": "String" }</pre>
Response Structure	:	<pre>{ "status_code": 201, "status_message": "OK", "message": "successfullyCancelledSubscription", "is_data": true, "data": "Array" }</pre>

Example Response

:

```
{
  "status_code": 201,
  "status_message": "OK",
  "message":
"successfullyCancelledSubscripti
on",
  "is_data": true,
  "data": []
}
```

```
{
  "status_code": 400,
  "status_message": "Conflict
of Business Logic ",
  "message":
"cannotCancelSubscription",
  "is_error": true,
  "errors": []
}
```

Refund Subscription Cycle

Description:

Refund a specific order or cycle of a subscription

Url Parameter Parameters:

- subscriptionUuid (string, required) – Uuid Of Subscription

Authentication

This endpoint requires authentication using a **Bearer Token**. The client must send the token in the `Authorization` header for every request.

Example Authentication Header:

```
Authorization: Bearer YOUR_ACCESS_TOKEN
```

If the token is missing or invalid, the API will return a `401 Unauthorized` response.

Endpoint	:	https://demo-api.frontpayment.no/api/v1/connect/subscriptions/cycles/refund/{subscriptionUuid}
Method	:	POST
Authorization	:	Bearer
Request Payload	:	<pre>'cycles' => 'required array', 'amount' => 'required numeric',</pre>

Response Structure

:

```
{  
  "status_code": "Integer",  
  "status_message": "String",  
  "message": "String",  
  "is_data": "Boolean",  
  "data": "Array",  
  "is_error": "Boolean",  
  "errors": "Array"  
}
```

Example Response

:

```
{
  "status_code": 201,
  "status_message": "OK",
  "message":
"refundProcessedSuccessfully",
  "is_data": true,
  "data": []
}
```

```
{
  "status_code": 404,
  "status_message": "Execution
Exception Occurred",
  "message":
"cycleNotFound#cycle1",
  "is_data": false,
  "is_error": true,
  "errors": []
}
```

```
{
  "status_code": 400,
  "status_message": "Execution
Exception Occurred",
  "message":
"someCyclesFailedToPassValidat
ion",
  "is_data": false,
  "is_error": true,
  "errors": []
}
```

```
{
  "status_code": 510,
  "status_message": "Execution
Exception Occurred",
  "message":
"somethingWentWrong",
  "is_data": false,
  "is_error": true,
  "errors": []
}
```