

# Send EHF Invoice

The **Send EHF Invoice** endpoint allows merchants to generate and send standardized electronic invoices (EHF) to corporate customers in Norway. EHF invoices conform to national and PEPPOL regulations, enabling seamless delivery to customer accounting systems and public sector entities. This API integrates Front Payment's digital invoicing with your order workflow — encapsulating products, billing details, due dates, and delivery preferences into an EHF-enabled invoice.

Upon success, you'll receive an `orderUuid` and `customerUuid` to track the invoice lifecycle. To check invoice status go to [Get Order Status By UUID](#) page

## Key Benefits

- **Automate invoicing workflows** and reduce manual billing overhead.
- **Ensure compliance** with Norwegian EHF (PEPPOL) standards.
- **Deliver invoices directly** to recipients' systems via the PEPPOL network.
- **Monitor invoice status** or reconcile with callbacks or queries.

## Prerequisites

Before you start the integration, make sure you have:

### 1. API Access:

- A valid API key and Bearer Token from Front Payment
- Access to the demo and production environments

### 2. Technical Requirements:

- Ability to make HTTPS API calls
- Secure storage of tokens and keys
- Callback endpoints to handle payment status updates

### 3. Test Environment:

- For testing, contact [nafees.faraz@frontpayment.no](mailto:nafees.faraz@frontpayment.no) to gain access to the demo environment

## Endpoint

POST https://demo-api.frontpayment.no/api/v1/connect/orders/ehf/create

## Authorization

Include a **Bearer Token** in the `Authorization` header. You can obtain this token from **Front Payment**.

### Example:

```
Authorization: Bearer YOUR_FRONTPAYMENT_BEARER_TOKEN
```

## Request Payload

Send the following parameters as a JSON object in the request body:

```
{
  "products": [
    {
      "name": "Hair Wash",
      "productId": "VFDDF",
      "quantity": "1",
      "rate": 51,
      "discount": 0,
      "tax": "0",
      "amount": 51
    }
  ],
  "orderSummary": {
    "subTotal": "51.00",
    "totalTax": "0.00",
    "totalDiscount": "0.00",
    "grandTotal": "51.00"
  },
  "orderDate": "1703040812",
  "customerDetails": {
    "countryCode": "+47",
    "msisdn": "46567468",
    "email": "test@yopmail.com",
    "name": "Kari Nordmann",
  }
}
```

```
"preferredLanguage": "en",
"organizationId": "123456789",
"address": {
  "street": "Luramyrvеien 65",
  "zip": "4313",
  "city": "Sandnes",
  "country": "NO"
},
"invoiceInterval": 0,
"invoiceMaturity": 10,
"invoiceFeeApplicable": true,
"separateInvoices": true,
"referenceNo": null,
"customerReference": null,
"callback": {
  "callbackUrl": "https://example.com/callback-url"
}
}
```

## Validation Rules

Make sure your request meets the following requirements:

Field	Type	Description
products.*.name	string	<b>Required</b> Name of the product.
products.*.productId	string	<b>Optional</b> Unique identifier for the product.
products.*.quantity	numeric	<b>Required</b> Quantity of the product.
products.*.rate	numeric	<b>Required</b> Rate per unit of the product.
products.*.discount	numeric	<b>Optional</b> Discount applied to the product.
products.*.tax	numeric	<b>Required</b> Tax rate must be (e.g., 0, 12, 15, 25), Unless you have other configuration.
products.*.amount	numeric	<b>Required</b> Total amount for the product line item.

Field	Type	Description
orderSummary.subTotal	numeric	<b>Required</b> Subtotal of all products before tax and discount.
orderSummary.totalTax	numeric	<b>Required</b> Total tax for the order.
orderSummary.totalDiscount	numeric	<b>Required</b> Total discount for the order.
orderSummary.grandTotal	numeric	<b>Required</b> Grand total of the order.
orderDate	string	<b>Required</b> Unix timestamp for the Date of the order.
customerDetails.countryCode	string	<b>Required</b> Country code for the customer's phone number (e.g., "+47").
customerDetails.msisdn	string	<b>Required</b> Mobile Subscriber ISDN Number (phone number).
customerDetails.email	email	<b>Required</b> Customer's email address.
customerDetails.name	email	<b>Required</b> Customer's full name.
customerDetails.preferredLanguage	string	<b>Optional</b> Customer preferred language. Available languages are <code>en</code> , <code>no</code> , <code>sv</code> , <code>da</code> , <code>de</code> . If nothing is given it will set default to <code>no</code> .
customerDetails.organizationId	string	<b>Required</b> Organization identification number, must contain only numbers and cannot contain spaces
customerDetails.address.street	string	<b>Required</b> Street address of the customer.
customerDetails.address.zip	string	<b>Required</b> Zip code of the customer's address.
customerDetails.address.city	string	<b>Required</b> City of the customer's address.
customerDetails.address.country	string	<b>Required</b> ISO Alpha-2 country code (e.g., <code>NO</code> ). Custom validation <code>IsoAlpha2Country</code> applies.
invoiceInterval	numeric	<b>Optional</b> Default value is = <code>0</code> . You can change it to <code>0</code> , <code>1</code> , <code>2</code> . Daily = <code>0</code> , Once a month = <code>1</code> , Twice a month = <code>2</code> .
invoiceFeeApplicable	boolean	<b>Required</b> Default value is <code>true</code> .
invoiceMaturity	numeric	<b>Optional</b> Default value is <code>14</code> . if you want to set the value then give <code>14</code> , <code>30</code> or <code>45</code> .
separateInvoices	boolean	<b>Optional</b> Default value is <code>true</code> .

Field	Type	Description
referenceNo	string	<b>Nullable</b> Any reference number.
customerReference	string	<b>Nullable</b> Any value for customer reference.
callback.callbackUrl	url	<b>Required</b> To receive real-time notifications on order state changes, you must provide a callback url. This is an server-to-server <code>HTTP GET</code> request.

## Response

A successful request will return a `201 Created` status with the following JSON payload:

```
{
  "status_code": 201,
  "status_message": "OK",
  "message": "orderAddedSuccessfully",
  "is_data": false,
  "data": {
    "uuid": "ODR3506777330",
    "customerUuid": "CSRT3463048878"
  }
}
```

API returns a `500` or `510` error, it means something failed on the server side

```
{
  "status_code": 500,
  "status_message": "Internal Dependency Error",
  "message": "internalErrorOccurredPleaseTryAgainLater",
  "is_error": true,
  "errors": {
    "happenedAt": "String",
    "internalErrorDetails": "Array"
  }
}
```

```
{
  "status_code": 510,
```

```
"status_message": "Execution Exception Occurred",  
"message": "somethingWentWrong",  
"is_error": true,  
"errors": "Array"  
}
```

## Notifications via Callback URL

The `callbackUrl` is an endpoint on your server that our system will call via an `HTTP GET` request whenever the status of the specified order changes from its initial state.

See the link below to understand how to work with the callback URL on your side and how to verify the request sent from our side.

[Go to `Notication Via Callback Url` Page](#)

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Revision #51

Created 26 March 2024 15:13:55 by Admin

Updated 19 March 2026 09:58:18 by Admin