

Terminal Order Management

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Get Terminal Lists

Use this API to get a list of all active terminals for a specific organization. You must provide the organization's UUID.

Endpoint

```
GET https://demo-api.frontpayment.no/api/v1/connect/terminal/lists/{{ORGANIZATION_UUID}}
```

Authorization

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

Example:

```
Authorization: Bearer YOUR_FRONTPAYMENT_BEARER_TOKEN
```

Response

A successful request will return a `200` status with the following JSON payload:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message": "terminalsRetrievedSuccessfully",
  "is_data": true,
  "data": [
    {
      "uuid": "TRML1914739698",
      "name": "Oslo Terminal",
      "status": 1,
      "organization_uuid": "ORG2074299506"
    }
  ]
}
```

```
}
```

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

```
{  
  "status_code": 510,  
  "status_message": "Execution Exception Occurred",  
  "message": "Something Went Wrong",  
  "is_error": true,  
  "errors": "Array"  
}
```

Create Terminal Order

This endpoint allows you to create a new order for a terminal device by specifying the product and quantity.

Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/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": {
    "0": {
      "name": "Hair Wash",
      "productId": "VFDDF",
      "quantity": "1",
      "rate": 42,
      "discount": 0,
      "tax": "0",
      "amount": 42
    }
  },
  "orderSummary": {
```

```
"subTotal": "42.00",
"totalTax": "0.00",
"totalDiscount": "0.00",
"grandTotal": "42.00"
},
"orderDate": "07 Apr, 2024",
"sendOrderBy": {
  "sms": false,
  "email": true
},
"terminalUuid": "TRML1216693970",
"receiptPrint": false,
"customerDetails": {
  "type": "private",
  "countryCode": "+47",
  "msisdn": "46567468",
  "email": "customer@email.com",
  "customerUuid": null,
  "name": "Kari Nordmann",
  "preferredLanguage": "en",
  "personalNumber": null,
  "organizationId": null,
  "address": {
    "street": "Luramyrvеien 65",
    "zip": "4313",
    "city": "Sandnes",
    "country": "NO"
  }
},
"invoiceReferences": {
  "referenceNo": "1234567",
  "customerReference": "3500",
  "customerNotes": "",
  "tnc": ""
},
"callbackUrl": "https://example-callback.com"
}
```

Validation Rules

Make sure your request meets the following requirements:

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.
products*.tax	numeric	Required Tax rate must be (e.g., 0, 12, 15, 25), Unless you have other configuration.
products*.amount	numeric	Required Total amount for the product line item.
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.
sendOrderBy	array	Required Set one of this sms or email field value is true
sendOrderBy.sms	boolean	Required Order will send sms then set true
sendOrderBy.email	boolean	Required Order will send email then set true
orderDate	string	Required Provide Current / Future Date of the order.
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	email	Required Customer's full name.
customerDetails.preferredLanguage	string	Optional Customer preferred language. Available languages are en, no, sv, da, de.

Field	Type	Description
customerDetails.type	string	Required You can provide customer type is <code>private</code> or <code>corporate</code> .
customerDetails.personalNumber	string	Optional Customer's personal identification number, must be exactly 11 characters containing only numbers and cannot contain spaces. When Customer type is <code>private</code> then you can use this for add personal number.
customerDetails.organizationId	string	Conditional Required Organization identification number, must contain only numbers and cannot contain spaces. When Customer type is <code>corporate</code> then this field is required. Otherwise you can add this as <code>null</code> or remove from payload.
customerDetails.address.street	string	Required Street address of the customer.
customerDetails.address.zip	string	Required Zip code of the customer's address.
customerDetails.address.city	string	Required City of the customer's address.
customerDetails.address.country	string	Required ISO Alpha-2 country code (e.g., <code>NO</code>). Custom validation <code>IsoAlpha2Country</code> applies.
receiptPrint	boolean	Required Want to print receipt then set <code>true</code> .
terminalUuid	string	Required Provide the terminal uuid.
invoiceReferences.referenceNo	string	Optional Any reference number.
invoiceReferences.customerReference	string	Optional Any value for customer reference.
invoiceReferences.customerNotes	string	Optional Any value for customer notes
invoiceReferences.tnc	string	Optional Any value for terms and conditions
callbackUrl	url	Optional 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": "terminalOrderAddedSuccessfully",
  "is_data": true,
  "data": {
    "orderId": "ODR123456789"
  }
}
```

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

```
{
  "status_code": 510,
  "status_message": "Execution Exception Occurred",
  "message": "somethingWentWrong",
  "is_error": true,
  "errors": "Array"
}
```

Notification via Callback URL

If you provide callback URL into order payload, then the system will inform you about the order by `HTTP GET` Method with some query parameters.

Callback URL Parameters

Payment Approved

```
{
  "orderId": "ODR1566017307",
  "status": "Approved",
  "type": "Payment",
  "baseAmount": "42",
  "vatAmount": "0",
  "totalAmount": "42",
  "currency": "NOK"
}
```

```
}
```

Payment Declined

```
{  
  "orderId": "ODR1566017307",  
  "status": "Cancelled",  
  "type": "Payment",  
  "baseAmount": "42",  
  "vatAmount": "0",  
  "totalAmount": "42",  
  "currency": "NOK"  
}
```

Refund Approved

```
{  
  "orderId": "ODR1566017307",  
  "status": "Approved",  
  "type": "Payment_Refund",  
  "totalAmount": "42",  
  "currency": "NOK"  
}
```

Refund Declined

```
{  
  "orderId": "ODR1566017307",  
  "status": "Cancelled",  
  "type": "Payment_Refund",  
  "totalAmount": "42",  
  "currency": "NOK"  
}
```

Example

```
https://example-  
url.com/callback?orderId=ODR12334&status=Cancelled&type=Payment&totalAmount=42&currency=NOK
```

Cancel Terminal Order

This API allows your application to cancel a **specific terminal order** By providing the order's unique ID.

Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/cancel/{{ORDER_UUID}}
```

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:

```
{
  "type": "payment"
}
```

Validation Rules

Make sure your request meets the following requirements:

Field	Type	Description
<code>type</code>	<code>string</code>	Required Using type. Available type is <code>payment</code>

Response

A successful request will return a `200 OK` status with the following JSON payload:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message": "cancelledOrderSuccessfully",
  "is_data": false,
  "data": null
}
```

API returns a `404` error, it means requested order with `ORDER_UUID` could not be found in our system.

```
{
  "status_code": 404,
  "status_message": "Not Found",
  "message": "orderNotFound",
  "is_data": false,
  "data": null
}
```

API returns a `417` error, it means requested payload is not valid.

```
{
  "status_code": 417,
  "status_message": "Client Error",
  "message": "payloadValidationErrors",
  "is_error": true,
  "errors": "Array"
}
```

API return a `400` error, it means your requested order is already `PAID`.

```
{
  "status_code": 400,
  "status_message": "Conflict of Business Logic",
  "message": "orderStatusAlreadyPaid",
  "is_error": false,
}
```

```
"errors": null  
}
```

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

```
{  
  "status_code": 510,  
  "status_message": "Execution Exception Occurred",  
  "message": "Something Went Wrong",  
  "is_error": true,  
  "errors": "Array"  
}
```

Resend Terminal Order

This API gives your application the power to **resend order** into terminal.

Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/resend/{{ORDER_UUID}}
```

Authorization

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

Example:

```
Authorization: Bearer YOUR_FRONTPAYMENT_BEARER_TOKEN
```

Response

A successful request will return a `202` status with the following JSON payload:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message": "orderSentSuccessfully",
  "is_data": false,
  "data": [
    'orderId': 'ODR1234567890'
  ]
}
```

API returns a `404` error, it means requested order with `ORDER_UUID` could not be found in our system.

```
{
  "status_code": 404,
```

```
"status_message": "Not Found",  
"message": "orderNotFound",  
"is_error": false,  
"errors": null  
}
```

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

```
{  
  "status_code": 510,  
  "status_message": "Execution Exception Occurred",  
  "message": "terminalIsBusy",  
  "is_error": true,  
  "errors": "Array"  
}
```

Payment Status Check

This API gives your application the power to check the order **Payment** status.

Endpoint

```
GET https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/payment-status/{{ORDER_UUID}}
```

Authorization

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

Example:

```
Authorization: Bearer YOUR_FRONTPAYMENT_BEARER_TOKEN
```

Response

A successful request will return a `200 OK` status with the following JSON payload:

```
{
  'status_code': 200,
  'status_message': 'OK',
  'order_status': "PAID",
  'message': 'orderPaymentConfirmed',
  'is_data': false,
  'data': null
}
```

```
{
  'status_code': 200,
  'status_message': 'OK',
  'order_status': "CANCELLED",
  'message': 'orderPaymentFailed',
}
```

```
'is_data': false,
'data': null
}
```

```
{
  "status_code": 200,
  "status_message": "OK",
  "order_status": "PAID",
  "message": "orderStatusUpdatedSuccessfully",
  "is_data": false,
  "data": null
}
```

```
{
  "status_code": 200,
  "status_message": "OK",
  "order_status": "CANCELLED",
  "message": "cancelledOrderSuccessfully",
  "is_data": false,
  "data": null
}
```

API returns a `404` error, it means requested order with `ORDER_UUID` could not be found in our system.

```
{
  "status_code": 404,
  "status_message": "Not Found",
  "message": "orderNotFound",
  "is_error": false,
  "errors": null
}
```

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

```
{
  "status_code": 510,
  "status_message": "Execution Exception Occurred",
  "message": "Something Went Wrong",
  "is_error": true,
}
```

```
"errors": "Array"
```

```
}
```

Refund or Reverse Payment

This API allows your application to refund payment from your order

Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/refund/{{ORDER_UUID}}
```

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:

```
{
  "type": "regular",
  "grandTotal": 42,
  "products": [
    {
      "id": 12,
      "amount": 42
    }
  ],
  "isReversal": false
}
```

Validation Rules

Make sure your request meets the following requirements:

Field	Type	Description
<code>type</code>	<code>string</code>	Required Using type. Available type is <code>regular</code>
<code>grandTotal</code>	<code>numeric</code>	Required Grand total of the refunded amount.
<code>products.*id</code>	<code>numeric</code>	Required Order product id. From which product you want to refund.
<code>products.*.amount</code>	<code>numeric</code>	Required Refund amount for the product.
<code>isReversal</code>	<code>boolean</code>	If you want to Reverse the payment then set <code>true</code> otherwise set <code>false</code>

Response

A successful request will return a `202 OK` status with the following JSON payload:

```
{
  "status_code": 202,
  "status_message": "OK",
  "message": "terminalOrderRefundRequestSuccessfully",
  "is_data": false,
  "data": null
}
```

Error Response

API returns a `404` error, it means requested order with `ORDER_UUID` could not be found in our system.

```
{
  "status_code": 404,
  "status_message": "Not Found",
  "message": "orderNotFound",
  "is_error": false,
  "errors": null
}
```

API return a `417` error, it means request payload validation failed.

```
{
  "status_code": 417,
  "status_message": "Client Error",
  "message": "payloadValidationErrors",
  "is_error": true,
  "errors": "Array"
}
```

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

```
{
  "status_code": 510,
  "status_message": "Execution Exception Occurred",
  "message": "somethingWentWrong",
  "is_error": true,
  "errors": "Array"
}
```

Others refund rejections errors

```
{
  "status_code": 400,
  "status_message": "Conflict of Business Logic",
  "message": "requestProductIdNotAvailable",
  "is_data": false,
  "data": null
}
```

```
{
  "status_code": 400,
  "status_message": "Conflict of Business Logic",
  "message": "refundRejectionForProductAmountExceed",
  "is_error": true,
  "errors": "Array"
}
```

Refund Status Check

This API gives your application the power to check the order **Refund** status.

Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/refund-status/{ {ORDER_UUID} }
```

Authorization

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

Example:

```
Authorization: Bearer YOUR_FRONTPAYMENT_BEARER_TOKEN
```

Response

A successful request will return a `200 OK` status with the following JSON payload:

```
{
  "status_code": 200,
  "status_message": "OK",
  "refund_status": "REFUNDED",
  "message": "orderRefundedSuccessfully",
  "is_data": false,
  "data": null
}
```

```
{
  "status_code": 200,
  "status_message": "OK",
  "refund_status": "REJECTED",
  "message": "refundRequestRejectedSuccessfully",
}
```

```
"is_data": false,  
"data": null  
}
```

API returns a `404` error, it means requested order with `ORDER_UUID` could not be found in our system.

```
{  
  "status_code": 404,  
  "status_message": "Not Found",  
  "message": "orderNotFound",  
  "is_error": false,  
  "errors": null  
}
```

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

```
{  
  "status_code": 510,  
  "status_message": "Execution Exception Occurred",  
  "message": "Something Went Wrong",  
  "is_error": true,  
  "errors": "Array"  
}
```

Cancel Refund Request

This API allows you to cancel Refund request into Terminal.

Endpoint

```
POST https://demo-api.frontpayment.no/api/v1/connect/terminal/orders/cancel/{ {ORDER_UUID} }
```

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:

```
{
  "type": "refund"
}
```

Validation Rules

Make sure your request meets the following requirements:

Field	Type	Description
<code>type</code>	<code>string</code>	Required Using type. Available type is <code>refund</code>

Response

A successful request will return a `200 OK` status with the following JSON payload:

```
{
  "status_code": 200,
  "status_message": "OK",
  "message": "refundRequestRejectedSuccessfully",
  "is_data": false,
  "data": null
}
```

API returns a `404` error, it means requested order with `ORDER_UUID` could not be found in our system.

```
{
  "status_code": 404,
  "status_message": "Not Found",
  "message": "orderNotFound",
  "is_data": false,
  "data": null
}
```

API returns a `417` error, it means requested payload is not valid.

```
{
  "status_code": 417,
  "status_message": "Client Error",
  "message": "payloadValidationErrors",
  "is_error": true,
  "errors": "Array"
}
```

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

```
{
  "status_code": 510,
  "status_message": "Execution Exception Occurred",
  "message": "Something Went Wrong",
  "is_error": true,
  "errors": "Array"
}
```