



## CancelPayment

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# 1 CancelPayment

## 1.1 API Functionality

The API allows a NPP Participant client (customer or Overlay Service Provider) to request the NPP Participant to return a previously submitted payment.

### Outline

The CancelPayment API is composed of 2 BuildingBlocks:

#### A. Request

HTTP request sent by the API Client.

#### B. Response

Response to a customer payment cancellation request.

## 1.2 Structure

Or	Element/BuildingBlock	Mult.	Type	Constr. No.	Page
	<i>Root</i>	[1..1]			
	<b>Request</b>	[0..1]		C2, C3, C5, C6	5
	<b>CreationDateTime</b>	[1..1]	DateTime		7
	<b>OriginalInstructionIdentification</b>	[1..1]	Text		7
	<b>OriginalEndToEndIdentification</b>	[1..1]	Text		7
	<b>TransactionIdentification</b>	[0..1]	Text		7
	<b>CancellationReasonCode</b>	[1..1]	CodeSet		7
	<b>CancellationReasonNarration</b>	[0..1]	Text		7
	<b>OriginalInstructedAmount</b>	[0..1]	Amount	C1, C4	7
	<b>OriginalDebtorName</b>	[1..1]	Text		8
	<b>DebtorAliasType</b>	[0..1]	CodeSet		8
	<b>DebtorAliasValue</b>	[0..1]	Text		8
	<b>DebtorAccountIdentification</b>	[0..1]	Text		8
	<b>DebtorAccountType</b>	[0..1]	CodeSet		9
	<b>OriginalCreditorName</b>	[1..1]	Text		9
	<b>CreditorAliasType</b>	[0..1]	CodeSet		9
	<b>CreditorAliasValue</b>	[0..1]	Text		9
	<b>CreditorAccountIdentification</b>	[0..1]	Text		9
	<b>CreditorAccountType</b>	[0..1]	CodeSet		9
	<b>Response</b>	[0..1]			9
	<b>AcceptanceDateTime</b>	[1..1]	DateTime		10
	<b>CasIdentification</b>	[0..1]	Text		10

## 1.3 Constraints

### C1 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

### C2 CreditorAccountTypeRule

If /CreditorAccountType is present then /CreditorAccountIdentification must be present.

**C3 CreditorAliasTypeRule**

If /CreditorAliasType is present then /CreditorAliasValue must be present.

**C4 CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

**C5 DebtorAccountTypeRule**

If /DebtorAccountType is present then /DebtorAccountIdentification must be present.

**C6 DebtorAliasTypeRule**

If /DebtorAliasType is present then /DebtorAliasValue must be present.

## 1.4 Building Blocks

This chapter describes the BuildingBlocks of this API.

### 1.4.1 Request

*Presence:* [0..1]

*Definition:* HTTP request sent by the API Client.

*Impacted by:* C2 "CreditorAccountTypeRule", C3 "CreditorAliasTypeRule", C5 "DebtorAccountTypeRule", C6 "DebtorAliasTypeRule"

**Request** contains the following **PaymentCancellationRequest1** elements

Or	Element	Mult.	Type	Constr. No.	Page
	<b>CreationDateTime</b>	[1..1]	DateTime		7
	<b>OriginalInstructionIdentification</b>	[1..1]	Text		7
	<b>OriginalEndToEndIdentification</b>	[1..1]	Text		7
	<b>TransactionIdentification</b>	[0..1]	Text		7
	<b>CancellationReasonCode</b>	[1..1]	CodeSet		7
	<b>CancellationReasonNarration</b>	[0..1]	Text		7
	<b>OriginalInstructedAmount</b>	[0..1]	Amount	C1, C4	7
	<b>OriginalDebtorName</b>	[1..1]	Text		8
	<b>DebtorAliasType</b>	[0..1]	CodeSet		8
	<b>DebtorAliasValue</b>	[0..1]	Text		8
	<b>DebtorAccountIdentification</b>	[0..1]	Text		8
	<b>DebtorAccountType</b>	[0..1]	CodeSet		9
	<b>OriginalCreditorName</b>	[1..1]	Text		9
	<b>CreditorAliasType</b>	[0..1]	CodeSet		9
	<b>CreditorAliasValue</b>	[0..1]	Text		9
	<b>CreditorAccountIdentification</b>	[0..1]	Text		9
	<b>CreditorAccountType</b>	[0..1]	CodeSet		9

### Constraints

- **CreditorAccountTypeRule**

If /CreditorAccountType is present then /CreditorAccountIdentification must be present.

On Condition

/CreditorAccountType is present

Following Must be True

/CreditorAccountIdentification Must be present

- **CreditorAliasTypeRule**

If /CreditorAliasType is present then /CreditorAliasValue must be present.

On Condition

/CreditorAliasType is present

Following Must be True

/CreditorAliasValue Must be present

- **DebtorAccountTypeRule**

If /DebtorAccountType is present then /DebtorAccountIdentification must be present.

On Condition

/DebtorAccountType is present

Following Must be True

/DebtorAccountIdentification Must be present

- **DebtorAliasTypeRule**

If /DebtorAliasType is present then /DebtorAliasValue must be present.

On Condition

/DebtorAliasType is present

Following Must be True

/DebtorAliasValue Must be present

#### 1.4.1.1 CreationDateTime

*Presence:* [1..1]

*Definition:* Date and time at which the request was created.

*Datatype:* "ISODateTime" on page 12

#### 1.4.1.2 OriginalInstructionIdentification

*Presence:* [1..1]

*Definition:* Unique identification, as assigned by the original instructing party for the original instructed party, to unambiguously identify the original instruction.

*Datatype:* "Max35Text" on page 14

#### 1.4.1.3 OriginalEndToEndIdentification

*Presence:* [1..1]

*Definition:* Unique identification, as assigned by the original initiating party, to unambiguously identify the original transaction.

*Datatype:* "Max35Text" on page 14

#### 1.4.1.4 TransactionIdentification

*Presence:* [0..1]

*Definition:* Unique identification, as assigned by the first instructing agent, to unambiguously identify the transaction that is passed on, unchanged, throughout the entire interbank chain.

*Datatype:* "Max35Text" on page 14

#### 1.4.1.5 CancellationReasonCode

*Presence:* [1..1]

*Definition:* Reason for the cancellation request, in a coded form.

*Datatype:* "ExternalCancellationReason1Code" on page 12

#### 1.4.1.6 CancellationReasonNarration

*Presence:* [0..1]

*Definition:* Reason for the cancellation request, in a proprietary form.

*Datatype:* "Max35Text" on page 14

#### 1.4.1.7 OriginalInstructedAmount

*Presence:* [0..1]

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*Definition:* Amount of money, as provided in the original transaction, to be moved between the debtor and the creditor, before deduction of charges, expressed in the currency, as ordered by the original initiating party.

Usage: This amount has to be transported unchanged through the transaction chain.

*Impacted by:* C1 "ActiveOrHistoricCurrency", C4 "CurrencyAmount"

*Datatype:* "ActiveOrHistoricCurrencyAndAmount" on page 11

#### **Constraints**

- **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

- **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

#### **1.4.1.8 OriginalDebtorName**

*Presence:* [1..1]

*Definition:* Name of Debtor as provided in the original payment instruction.

*Datatype:* "Max140Text" on page 13

#### **1.4.1.9 DebtorAliasType**

*Presence:* [0..1]

*Definition:* Specifies the type of alias identifier, in a coded form as published in an external list. The same value may have been provided in the original payment instruction.

*Datatype:* "aliasxternaAliasType1Code" on page 12

#### **1.4.1.10 DebtorAliasValue**

*Presence:* [0..1]

*Definition:* Specifies the value of the Debtor alias identifier. The same value may have been provided in the original payment instruction.

*Datatype:* "Max2048Text" on page 13

#### **1.4.1.11 DebtorAccountIdentification**

*Presence:* [0..1]

*Definition:* Specifies the identification of the Creditor account. The same value may have been provided in the original payment instruction.

*Datatype:* "Max34Text" on page 13



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#### 1.4.1.12 DebtorAccountType

*Presence:* [0..1]

*Definition:* Name of the account identification identification scheme, in a coded form as published in an external list. The same value may have been provided in the original payment instruction.

*Datatype:* "ExternalAccountIdentification1Code" on page 12

#### 1.4.1.13 OriginalCreditorName

*Presence:* [1..1]

*Definition:* Name of Creditor as provided in the original payment instruction.

*Datatype:* "Max140Text" on page 13

#### 1.4.1.14 CreditorAliasType

*Presence:* [0..1]

*Definition:* Specifies the type of alias identifier, in a coded form as published in an external list. The same value may have been provided in the original payment instruction.

*Datatype:* "aliasxternaAliasType1Code" on page 12

#### 1.4.1.15 CreditorAliasValue

*Presence:* [0..1]

*Definition:* Specifies the value of the Creditor alias identifier. The same value may have been provided in the original payment instruction.

*Datatype:* "Max2048Text" on page 13

#### 1.4.1.16 CreditorAccountIdentification

*Presence:* [0..1]

*Definition:* Specifies the identification of the Creditor account. The same value may have been provided in the original payment instruction.

*Datatype:* "Max34Text" on page 13

#### 1.4.1.17 CreditorAccountType

*Presence:* [0..1]

*Definition:* Name of the account identification identification scheme, in a coded form as published in an external list. The same value may have been provided in the original payment instruction.

*Datatype:* "ExternalAccountIdentification1Code" on page 12

### 1.4.2 Response

*Presence:* [0..1]

*Definition:* Response to a customer payment cancellation request.

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**Response** contains the following **PaymentCancellationResponse1** elements

Or	Element	Mult.	Type	Constr. No.	Page
	<b>AcceptanceDateTime</b>	[1..1]	DateTime		10
	<b>Caseldentification</b>	[0..1]	Text		10

#### 1.4.2.1 AcceptanceDateTime

*Presence:* [1..1]

*Definition:* Point in time when the cancellation request was accepted by Debtor Agent.

*Datatype:* "ISODatetime" on page 12

#### 1.4.2.2 Caseldentification

*Presence:* [0..1]

*Definition:* Uniquely identifies the case as assigned by the Debtor Agent.

*Datatype:* "Max35Text" on page 14

## 2 Types

### 2.1 Datatypes

#### 2.1.1 Amount

##### 2.1.1.1 ActiveOrHistoricCurrencyAndAmount

*Definition:* A number of monetary units specified in an active or a historic currency where the unit of currency is explicit and compliant with ISO 4217.

*Type:* Amount

This data type contains the following attribute:

Name	Datatype
Currency	"ActiveOrHistoricCurrencyCode" on page 11

##### Format

minInclusive	0
totalDigits	18
fractionDigits	5

##### Constraints

- **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

- **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

#### 2.1.2 CodeSet

##### 2.1.2.1 ActiveOrHistoricCurrencyCode

*Definition:* A code allocated to a currency by a Maintenance Agency under an international identification scheme, as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds".

*Type:* CodeSet

##### Format

pattern	[A-Z]{3,3}
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**Constraints**

- **ActiveOrHistoricCurrency**

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

**2.1.2.2 aliasxternaAliasType1Code**

*Definition:* Specifies the alias type as published in an external code list.

*Type:* CodeSet

**Format**

minLength	1
maxLength	4

**2.1.2.3 ExternalAccountIdentification1Code**

*Definition:* Specifies the external account identification scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from [www.iso20022.org](http://www.iso20022.org).

*Type:* CodeSet

**Format**

minLength	1
maxLength	4

**2.1.2.4 ExternalCancellationReason1Code**

*Definition:* Specifies the cancellation reason, as published in an external cancellation reason code set.

External code sets can be downloaded from [www.iso20022.org](http://www.iso20022.org).

*Type:* CodeSet

**Format**

minLength	1
maxLength	4

**2.1.3 DateTime****2.1.3.1 ISODateTime**

*Definition:* A particular point in the progression of time defined by a mandatory date and a mandatory time component, expressed in either UTC time format (YYYY-MM-DDThh:mm:ss.sssZ), local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm), or local time format (YYYY-MM-

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DDThh:mm:ss.sss). These representations are defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Note on the time format:

1) beginning / end of calendar day

00:00:00 = the beginning of a calendar day

24:00:00 = the end of a calendar day

2) fractions of second in time format

Decimal fractions of seconds may be included. In this case, the involved parties shall agree on the maximum number of digits that are allowed.

*Type:* DateTime

## 2.1.4 Text

### 2.1.4.1 Max140Text

*Definition:* Specifies a character string with a maximum length of 140 characters.

*Type:* Text

**Format**

minLength	1
maxLength	140

### 2.1.4.2 Max2048Text

*Definition:* Specifies a character string with a maximum length of 2048 characters.

*Type:* Text

**Format**

minLength	1
maxLength	2048

### 2.1.4.3 Max34Text

*Definition:* Specifies a character string with a maximum length of 34 characters.

*Type:* Text

**Format**

minLength	1
maxLength	34

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#### 2.1.4.4 Max35Text

*Definition:* Specifies a character string with a maximum length of 35 characters.

*Type:* Text

##### Format

minLength	1
maxLength	35

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