

Direct Debits

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1. Introduction

This guide is to inform you about our Direct Debit payment methods, and how they need to be configured and integrated, with special attention to the SEPA (Single Euro Payments Area) rules and regulations.

Depending on the processing modes you use, you may have to check the following integration documentation for more technical info:

- [e-Commerce](#)
- [DirectLink](#)
- [Batch](#)
- [Alias Gateway](#)

2. Direct Debits DE (Ingenico ePayments)

2.1 Introduction

Ingenico ePayments will implement the SEPA changes on the ELV integration, to align with Ingenico ePayments.

Note: From now on only IBAN is accepted. You are no longer allowed to send Kontonummer with BLZ.

2.2 Configuration

You need to insert your CREDITORID in the "Direct Debits DE" configuration page.

By default the configuration is now switched to SEPA mode.

A flag will be implemented to configure whether or not to show a mandate text on the payment page (in e-commerce mode):

- Flag switched on: Mandate text will be shown on the payment page
- Flag switched off: Mandate text is not shown

To be able to switch on the flag; you need to enter the CREDITORID.

You must obtain the German CREDITORID from the Bundesbank.

A CREDITORID is structured in the same way all over the SEPA zone:

- The first two characters represent the ISO country code for Germany (DE) as the country issuing the Creditor Identifier.
- The third and fourth characters are the check digits which are calculated in compliance with the IBAN check digits (ISO 13616), without taking characters five to seven (Creditor Business Code) into account.
- The fifth, sixth and seventh characters in the sequence signify the Creditor Business Code for which the direct debit creditor may select alphanumeric characters to denote individual business areas or branches specific to his requirements. The use of blanks, special characters and umlauts is not permitted. As a rule, the three characters entered here are the letters "ZZZ".
- The remaining characters 8 to 18 signify the national identifier for the direct debit creditor and are numbered in consecutive ascending order. Until further notice, the eighth character in the Creditor Identifier will always be "0".

The format of the German CREDITORID is as follows: 18 alphanumeric characters. A German CREDITORID should be provided for the processing of ELV transactions.

2.3 Integration with e-Commerce

The following fields can be sent along for Direct Debits DE (ELV) transactions. They will be displayed to the customer, in the Mandate text on the payment page.

Field	Description
CN	Cardholder name
Optional for SEPA (*) transactions (not applicable for Billpay and Wirecard):	
MANDATEID	Unique Mandate Reference Max. 35 AN characters, charset: "A-Z a-z 0-9 space /-?:(),'+")
SIGNDATE	The date the mandate is signed
MANDATEID	OOFF or RCUR (OOFF is the default one if not provided)

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Note: These fields can be returned in the post-payment feedback (Dynamic e-commerce parameters) and need to be included in the SHA-IN (and optionally SHA-OUT) calculation.

Notes for SEPA (Single Euro Payments Area):

- If you don't provide the CN, this field will remain empty on the payment page.
- If you don't provide a MANDATEID, we will use the ORDERID. However, if the ORDERID is not compliant with the specifications of the MANDATEID, the PAYID will be used instead.
- If SIGNDATE is not provided, the transaction date will be used.

The following fields will be presented to the buyer:

- IBAN

3. Direct Debits NL (Equens)

3.1 Introduction

As of 1 February 2014, the processing of Direct Debits changes significantly because of the implementation of SEPA rules and regulations. Ingenico ePayments has prepared these changes to ensure you, as a merchant, can continue accepting payments via Direct Debits.

At Ingenico ePayments, we've anticipated these changes for the following payment methods and their refund functionality:

- Direct Debits NL – SEPA Direct Debits regulations
- Refunds of Direct Debits NL – SEPA Credit Transfers regulations
- Refunds of iDEAL transactions – SEPA Credit Transfers regulations

Ingenico ePayments works with the Corporate Payment Services (CPS) service of Equens to ensure all merchants can continue using their current bank. However, still some administrative and technical changes have to be anticipated.

The technical changes in the different modes are described in the dedicated integration guides.

On the administrative part you should do the following:

- Apply for a CreditorID with your bank when you want to process SEPA Direct Debits
- Let your bank know that you will use the CPS service of Equens with Ingenico ePayments as a service agency. Specify whether you want to use this for SEPA Direct Debits or for SEPA Credit Transfers. The latter is for processing refunds on Direct Debits or for iDEAL refunds via the option 'IDERFD'.

In order to use the SEPA Direct Debits via Equens; you must sign a contract with your bank to process SDD via the CPS service of Equens with Ingenico ePayments as Service provider.

If you want to process refunds of Direct Debits and/or iDEAL refund with the 'IDERFD' option (i.e. outside of Full Service), you must sign a contract with your bank to process SCT transactions via the CPS service of Equens with Ingenico ePayments as Service provider.

If the activation of SCT and/or SDD for CPS is done correctly with your bank, you will no longer have to send a confirmation fax to Equens to have your transactions processed (as banks used to request with ClieOp).

On a technical level, we've upgraded the Direct Debits NL payment method. As a merchant, you can decide by yourself when to switch to the SEPA mode, using a parameter on the configuration page.

The option to download the transaction file as it was previously possible with the ClieOp payment file is no longer available.

3.2 Configuration

You need to insert your CreditorID on the Direct Debits NL configuration page. The CreditorID is a identification number that you obtain from your bank. In general a CreditorID can contain up to 35 alphanumeric characters, however the Dutch CreditorID usually contains 17 alphanumeric characters.

Instead of the current (regular) account number of 9 digits, you need to enter your IBAN and BIC.

A flag is implemented to allow you to switch to the new SEPA version:

- Flag switched on: new SEPA version will be used as described below
- Flag switched off: current ClieOp version will be used. So below described changes won't be applied.

3.3 Additional fields for SEPA

The following parameters are created or adapted to process SEPA Direct Debit transactions:

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Existing field:

- **CARDNO**: used for the buyer's IBAN

Fields for SEPA Direct Debit:

- **BIC**: new field for BIC code of the bank of the buyer (optional)
- **MANDATEID**: all transactions should be done under the mandate agreed between merchant and his customer. This Unique Mandate Reference should be a unique reference for the merchant. The UMR is maximum 35 characters and character set is: "A-Z a-z 0-9 space /-?:().'+"
- **SIGNDATE**: the date the mandate between merchant and his customer was signed
- **SEQUENCETYPE**: indicates whether the mandate is the first one of a collection, a recurrent one, a final one or a One-off. Possible values: FRST, RCUR, FNAL and OOFF.

These parameters will be applied for the different modes to process SDD transactions on the Ingenico ePayments platform: e-Commerce, DirectLink, Batch and e-Terminal. Further in this document we highlight what changes you need to anticipate for e-Commerce, DirectLink and Batch. For e-Terminal you'll need to input these parameters in the back office.

See schedule below:

Field	Content	Format/ Value	If empty
CARDNO	Buyer's IBAN account number	Buyer's IBAN account number	Transaction blocked
BIC	Buyer's BIC (Bank Identifier Code)	Buyer's BIC (Bank Identifier Code)	(optional)
MANDATEID	Unique Mandate Reference	Unique Mandate Reference	ORDERID will be used
SIGNDATE	Signature Date of Mandate	Signature Date of Mandate	Transaction date will be used
SEQUENCETYPE	Indicate state of mandate	Indicate state of mandate	OOFF will be used
Possible values:	First collection of a series of Direct Debit instructions	FRST	
	Direct Debit instruction where the debtor's authorization is used for regular Direct Debit Transactions initiated by the creditor.	RCUR	
	Last collection of a series of Direct Debit instructions (afterwards same MandateID can't be used anymore)	FNAL	
	Direct Debit instruction where the debtor's authorization is used to initiate one single Direct Debit transaction.	OOFF	

In case your buyer, the debtor, changes his IBAN/BIC we recommend you to change the Unique Mandate Reference as well. This will avoid problems with the processing of your Direct Debit transactions under SEPA.

In case you don't provide the MANDATEID, SIGNDATE and SEQUENCETYPE, we will use default values:

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- MANDATEID: ORDERID (if ORDERID is not compliant, the PAYID will be used)
- SIGNDATE: date of transaction
- SEQUENCETYPE: OOFF (One Off)

However, not all combinations are possible, as displayed in the following diagram:

		Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
Merchant input	MANDATEID	empty	empty	empty	AN35	empty	AN35	empty	AN35
	SIGNDATE	empty	empty	empty	empty	YYYYMMDD	empty	YYYYMMDD	YYYYMMDD
	SEQUENCETYPE	empty	OOFF	FRST or RCUR or FNAL	FRST or RCUR or FNAL	FRST or RCUR or FNAL	empty	empty	empty
Result		Passed	Passed	Blocked	Blocked	Blocked	Passed	Passed	Passed
Value used for processing	MANDATEID	ORDERID	ORDERID	N/A	N/A	N/A	AN35	ORDERID	AN35
	SIGNDATE	Transaction date	Transaction date	N/A	N/A	N/A	Transaction date	YYYYMMDD	YYYYMMDD
	SEQUENCETYPE	OOFF	OOFF	N/A	N/A	N/A	OOFF	OOFF	OOFF

3.4 Integration with e-Commerce

The following fields should be sent along for Direct Debits NL transactions (only via Equens):

Field	Description
MANDATEID	<p>Unique Mandate Reference (for SEPA)</p> <p>Max. 35 AN characters, charset: "A-Z a-z 0-9 /-?:(),'+")</p> <p>No spaces allowed; cannot start or end with a forward slash "/" or contain two consecutive slashes.</p> <p>Only applicable for SEPA (Single Euro Payments Area) transactions. If not provided, the ORDERID will be taken</p>
SIGNDATE	<p>Date mandate was signed by the buyer. Format: YYYYMMDD</p> <p>Only applicable for SEPA (Single Euro Payments Area) transactions. If not provided, the transaction date will be taken.</p>
SEQUENCETYPE	<p>Possible values to indicate the Direct Debit transaction type (max. 4 alphanumeric characters):</p> <ul style="list-style-type: none"> • "FRST": First collection of a series of Direct Debit instructions • "RCUR": Direct Debit instructions where the debtor's authorisation is used for regular Direct Debit transactions initiated by the creditor • "FNAL": Last collection of a series of Direct Debit instructions (afterwards same MandateID can't be used anymore) • "OOFF": Direct Debit instruction where the debtor's authorisation is used to initiate one single Direct Debit transaction <p>Only applicable for SEPA (Single Euro Payments Area) transactions.</p> <p>If not provided, the transaction will be considered as a "one-off" (OOFF is applied).</p> <p>If "FRST", "RCUR" or "FNAL" is sent, you must submit values with the MANDATEID and SIGNDATE</p>

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Note: These fields can be returned in the post-payment feedback (Dynamic e-commerce parameters) and need to be included in the SHA-IN (and optionally SHA-OUT) calculation.

The following fields will be presented to the buyer on the payment page:

- IBAN