



Intercurrency Multipayments Service

User guide

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The service

The Intercurrency Multipayments Service is an international electronic payment solution used to consolidate multiple payment orders into a single file. Payments can be made to different countries, in different currencies, and can be executed using various payment methods.

Your payees can receive their payments as:

Electronic funds transfers

A Canadian or international direct deposit. Preferred option when direct deposit is possible in the destination country for the payment.

SWIFT wire transfers

When electronic funds transfers are not available, based on the currency and destination of the payment, a SWIFT wire transfer is the preferred option.

Cheques*

On an exceptional basis, when the other options cannot be used.

*This service is not offered to all types of clients. It is your responsibility to ensure that drafts are accepted in your payee's country of clearing.

Benefits



User-friendly

- › Makes it easier to manage your domestic and international payments
- › As simple as sending a file containing all your transactions



Boosts efficiency

- › Allows you to send all of your payments at once
- › Optimizes the sending of your transactions
- › Optimizes administrative operations such as bank reconciliation, signatures and internal controls
- › Simplifies cash management



Secure

- › Reduces fraud risk by enhancing transaction security and reliability
- › Secure management of your suppliers' information



Saves money

- › Savings on mass payments
- › Reduces the costs associated with different payment methods
- › Eliminates postage costs

① Signing up

Developing the file format

- › You must develop the format of the file to be used.
- › For all the details about the format, refer to the [Technical specifications](#).

Setting up the transmission method

Two options for sending us your file

Send files through your accounting software

- › Website address: <https://web.tfc.bnc.ca>
- › Windows environnement

Program the transmission of your files automatically.

Software development required

- › Website address: sftp.bnc.ca
- › SFTP with public key (SSH)
- › Any operating system on which an SFTP client can be installed.

Please note that there is no file approval process with this product..

File name structure to use

CPXXXXnnnn.txt

- › « **XXXX** » represents the first four characters of your company code, which will be provided by our Payment Center.
- › « **nnnn** » represents the last four characters of your identifier, which will be provided by our technical service.

② Using the service

Preparing the file

- › The file must meet the formatting requirements set out in the technical specifications.
- › Upon receipt of the file, National Bank tests the file structure and certain information in the file.
- › The transactions in the file will be processed on the transaction date for each one.

Please note that we only provide technical support for file format and data transmission issues.



Your payees' banking information

You will need contact and banking information for all your payees.

We strongly recommend that you ask for the official information provided by your payee's bank. You are responsible for the accuracy of the banking information in your files.

Payees are responsible for notifying you of any changes to their address, institution, branch or bank account number.

Mandatory information

Based on the transaction type:

- › Full name and full contact details of the payee and their bank (including street, city, province or state, country and postal code).

Wire transfers (other than to Europe):

- › BIC* code (SWIFT)

Wire transfers and electronic funds transfers to Europe:

- › IBAN/SWIFT

Electronic funds transfers to the United States – ACH:

- › ACH routing number (American Bankers Association (ABA) routing number)
- › Account type: Chequing or savings

*BIC: Bank Identifier Code

Eligible currencies

Electronic funds transfers will be executed in the currency that is legal tender in the destination country. (For a list of countries and their currencies, see [Appendix B](#))

Wire transfers and cheques may be made in any currency that is freely convertible on the markets and available at National Bank.

③ What you need to know

Deadlines and processing times

Payment method	Time taken for deposit to the payee's account	Additional information
Electronic funds transfer to Canada	Same business day if received before 11am – Otherwise processed the following business day	Processed on the transaction date.
International electronic funds transfer	48 to 72 hours	Processed on the transaction date.
SWIFT wire transfer	24 to 48 hours	Processed on the transaction date. Times may be longer depending on the receiving bank's processing times.
Cheques	48 to 72 hours	Once the cheque is issued, it is sent via regular mail. Times may vary.

Business days: For processing purposes, transactions that have a transaction date that is not a bank business day will be considered to have the date of the following bank business day.

Important

- › File processing times may vary if the payment or file information is invalid or incomplete.
- › Deadlines must be complied with in order for the funds to be credited to the payee's account on the desired date.
- › Payment orders for all payments (other than cheques) will be transmitted by the Bank to the payee's financial institution (and, if applicable, through an intermediary bank) and credited to the payee's account on (i) the transaction date, for payments in Canadian or U.S. dollars, or (ii) the second business day following the transaction date, for payments in any other currency.
- › Time is based on the EST (Eastern Standard Time) time zone.

Returns, rejections and cancellations

Options	Description	Procedure
Cancel a transaction	You can request the cancellation of a transaction before your file is processed by National Bank.	<p>Make the request by emailing centre.paiements@nbc.ca before 4 p.m.*</p> <p>Information to include in your request:</p> <ul style="list-style-type: none">› Transaction date› Payee's reference number› Payee's name› Amount
Cancel a file	A request to stop a file allows us to intercept a complete file before it is processed.	<p>Make the request by emailing centre.paiements@nbc.ca before 4 p.m.*</p> <p>Information to include in your request:</p> <ul style="list-style-type: none">› File creation No.› Total number of transactions› Total amount of the transactions
<p>* Important: The request must be sent on the bank business day before the transaction date for the transaction or the file.</p>		

Rejections

- › The Bank will never make any corrections or changes to the files it receives for processing.
- › In the event that transactions in your file are rejected, you will receive an email from centre.paiements@nbc.ca with information about the rejections in Excel format.
- › You can then correct the rejected transactions and resubmit your file.

Returns

- › A payment order may be returned by the payee's financial institution for various reasons (account closed, invalid account number, missing information, etc.).
- › In that case, the Bank will credit the returned amount to your account as soon as possible and will notify you via a return notification.
- › Please consult the technical specifications section for information about [return notification files](#).

References

The following sites may be useful for preparing your files and entering banking information. National Bank is not responsible for the contents of these external sites.

- › Check SWIFT code (BIC code): <http://www.swift.com/bsl/freequery.do>
- › Check IBAN (International Bank Account Number): <https://iban.com/iban-checker>
- › Check ACH routing number: <https://www.frb services.org/EPaymentsDirectory/searchFedwire.html>

Customer service

Our Customer Service team will be pleased to answer all your questions.

For clients enrolled in the service

centre.paiements@nbc.ca | Response time: 24 to 48 hours



For general questions about the service

Our offices are open Monday to Friday, from 7:00 a.m. to 8:00 p.m., Eastern time.

Business Central, transit: 4176-1 | 514-394-4494 (Montreal) | 1-844-394-4494 (outside Montreal)

④ Technical specifications

File format to be developed

Please follow the instructions in this section carefully. Please note that “payee” refers to your client and “user/ordering party” refers to you.

File format convention

Character	Definition
x	Alphanumeric characters
a	Alphabetic characters only
n	Numeric characters only
d	Decimals
*	Number of lines allowed
::	The :: before and after the field number are mandatory.



Attention !

No **mandatory field** should be left empty.

It is essential to adhere to the line lengths indicated in the **Format column**.

Payment file

The ASCII text file you create must contain three blocks (A, B and C) of records:

Block	Definition	Additional information
Block A	Identifies the user	<ul style="list-style-type: none">› First record of each batch.› It will not be repeated within the same batch.*
Block B	Identifies the transaction	<ul style="list-style-type: none">› Single or repeated.› There is one Block B for each transaction.› Each Block B must contain all the information necessary to identify a transaction.
Block C	Specifies the number of transactions and the total amount of the file	

***Batch:** All 3 blocks (A+B+C). A file can include multiple batches. One batch = One debit from the account.

Important:

One single transaction date for all the payment orders contained in the same batch.

Block A – User identification

Field	Format	Description	Structure and example	Mandatory field
:20:	16x	<i>Unique</i> Batch reference number	Structure <ul style="list-style-type: none"> › 4a: First 4 letters of company code › 6n: File creation date (YYMMDD) › 4n: Control number corresponding to the batch sequence number Example :20:ABCD2304261234	Yes
:23:	6a	Type of transaction	Structure Always CREDIT Example :23:CREDIT	Yes
:51A:	8!a	Company code; assigned by the Payment Centre	Example :51A:ABCDXXXX	Yes
:50K:/	/34x	Number of the account to be debited for the batch	Example :50K/:00011122233 ABCD INC. 600, De La Gauchetiere Montreal, QC CA, X0X 0X0	Yes
	35x	Ordering party's name		Yes
	35x	Address		Yes
	35x	City, Province*		Yes
	35x	Country, postal code*		Yes

Important :50K:/

For payments to the United States:

- › The information in field 50K must be distributed over 5 lines: account number on the first line, client's name on the second line, and the address on the next 3 lines as indicated above.
- › Each line must contain at least 2 alphabetic characters.
- › On the 5th line, the country must be indicated by its **two-character ISO code**, not by its full name.

N.B.: “:50K:/” is not repeated at the beginning of each line.

Block B – Payment identification

Field	Format	Description	Structure and example	Mandatory field
:21:	16x	Payment reference number* <ul style="list-style-type: none"> › Could be a payee number (always same number for same payee) › Could be a payment reference number (always different) 	Example :21: AAA123456XXXX	Yes
:32B:	3!a15d	Payment currency, Payment amount	The amount must always include a comma in place of a decimal point, even if there are no cents. Example Amount with no cents: :32B:CAD10000, Amount with cents: :32B:USD10171,28	Yes
:57A: or :57C://	34x	Outside Canada and United States 57A – Bank code SWIFT code	Example :57A:SOGEFRPPXXX Societe Generale 17, Cours Valmy Puteaux France, 92972 Example :57C://9999999999 US Bank 11, North Street MINNEAPOLIS, MN US, 55402 Exception: Field 57A/57C is blank when the payment type is a cheque.	Yes
		Transaction in Canada and United States only 57C – Bank code Format for Canada: 0-institution(3)-transit(5) 000611111 Format for the United States: ACH Routing Number (9) 999999999		Yes
	35x	Name of the payee's bank		Yes
	35x	Bank address		Yes
	35x	City, region		Yes
	35x	Country, postal code		Yes

Block B – Payment identification (cont.)

Field	Format	Description	Structure and example	Mandatory field
:59:/	34x	Payee's account and information	Example for United States :59:/CHK1111111111111111 XYZ INC. 99 North Street KANSAS CITY, MO US, 55402	Yes
		Electronic funds transfer to the United States: The account type must be specified at the beginning of the account number. CHK: Chequing account SAV: Savings account		
	35x	Cheque: The field must be blank	Example for Europe :59:/FR1111111111111111111111111111111111 1111111 TRE INC. 17, Cours Valmy Puteaux France, 92972	
		Payee's name		
		Payee's address		
		City, region		
	35x	Country, postal code		
:70:	35x	Reason for payment. <i>No accents or special characters.</i>	Example :70:payroll	No
:26T:	3!a	Transaction type code ANN = Annuity BUS = Business/Commercial DEP = Deposit LOA = Loan MIS = Miscellaneous MOR = Mortgage PEN = Pension RLS = Rent/Lease SAL = Salary/Payroll TAX = Tax TEL = Transaction by telephone WEB = Transaction over the Internet	Example :26T:DEP	No
:99A:	3!a	Payment currency	Example :99A:USD	Yes
:99A:	2!a	ISO code of the destination country for the payment	Example :99B:US	Yes
:99C:	35x	Deposit notification to payee by email	Example :99C:ABCD@nbc.ca	No
:99D:	35x	Deposit notification to payee by fax	Example :99D:15145555555	No

Important :59:/

For payments to the United States:

- › The information in field 59 must be distributed over 5 lines: account number on the first line, client's name on the second line, and the address on the next 3 lines as indicated above.
- › Each line must contain at least 2 alphabetic characters.
- › On the 5th line, the country must be indicated by its **two-character ISO code**, not by its full name.

***N.B.:** Fields 99C and 99D are mutually exclusive (none; one or the other).



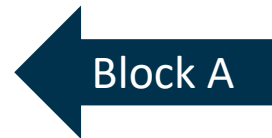
Block C – Batch end

Field	Format	Description	Structure and example	Mandatory field
:32A:	6!n 3!a15d	<div><div>> Batch process date.</div><div>> Currency of the debited account.</div><div>> Total amount of payments*</div></div> <div>*Total of all amounts in fields 32B (all currencies).</div>	:32A:230419USD10171,28	Yes
:99N:	n	Number of payments in the batch	:99N:1	Yes

Currency of the debited account: The currency in this field must be the same as the currency of the account to be debited for the batch, as indicated in field 50K of Block A.

Examples – Payment file

:20:ABCD0310090001
:23:CREDIT
:51A:ABCD CAMM
:50K:/0006000111234567
ABCLAGAUCHETIERED COMPANY INC
600 0, SUITE 5002
MONTREAL, QC
CANADA, H1G 1N1
:71A:SHA



:21:REF CL.000121
:32B:USD300,
:59:NORMAN STACK
1235 PRINCE STREET
NEW YORK, NY
US, 01234
:70:OUR REFERENCE 123568
:26T:MIS
:99A:USD
:99B:US
:99C:email.address@abcd.com



Cheque

:21:ABCD00080002
:32B:EUR150,65
:57A:BDFEFEP
BANQUE DE France
39 RUE CROIX DES PETITS CHAMPS
PARIS, ILE-DE-FRANCE
FRANCE, 75001
:59:/FR2630041000010000002H02003
FRANCIS NORTON
55589 CHAMPS ELISEES
PARIS, ILE-DE-FRANCE
FRANCE, 75010
:70:OUR REFERENCE ROC5456
:26T:MIS
:99A:EUR
:99B:FR
:99D:514-359-9874



Electronic funds
transfer and/or
wire transfer

32A:031009USD450,65
:99N:2



Batch end

Notification files

These are ASCII text files that we will send you when we receive your transaction file.

There are two types of notification files

Acknowledgement of receipt

- › Will be sent on the day that transactions are processed.
- › Confirms receipt of the file and transaction processing.

Return notification

- › Will be sent when transactions are returned to you.
- › Transactions may be returned for various reasons (incorrect data, closed account, etc.).

Notification file format

Field	Format	Description	Additional information
:20:	16x	Notification reference number	For acknowledgements of receipt: 4a: First four letters of company code 6n: File creation date (YYMMDD) 4n: Control number corresponding to the batch sequence number. For return notifications: Batch sequence number.
:23:	6!a	Notification type	ACKNLG for acknowledgements of receipt – will be sent the same day upon receipt of the file. RETURN for return notifications.
:51A:	8!a	Issuer's BIC code	Always BNDCCAMM.
:50:	4* 35x	Name of the ordering Bank	Always National Bank.
:71A:	3!a	Type of fees	Always SHA - paid by National Bank of Canada.
:21:	16x	Reference number	For acknowledgements of receipt: Reference number for the rejected payment. For return notifications: Reference number for the returned payment.
:32B:	3!a15d	Currency and amount of payment	
:59:	35x	Company name	Name of your company as indicated in field 50K of the original file.
:70:	16x	Payee reference	/RFB: Reference for beneficiary customer (payee reference)/Reference number of the rejected or returned payment
	35x	Payee's name	
	35x	Reason for payment	1st line of field 70 of the original payment
	3!n/32x	Rejection/return code	
:32A:	6!n	Batch process date	YYMMDD
	3!a	Currency	Currency of the account to be debited for the batch
	15d	Total amount	Total of payments for batch (all currencies combined)
:99N:	N	Number of payments	

Examples – Notification files

Acknowledgement of receipt file

:20:abcd0712310001
:23:ACKNLG
:51A:BNDCCAMM
:50:NATIONAL BANK OF CANADA
:71A:OUR
:21:00000001
:32B:CAD1000,00
:59:ABCD COMPANY INC
:70:/RFB/00000001 JOHN DOE INVOICE 1234
705/Inv mandatory file info
:32A:071231CAD23360682, 15
:99N:307

Return notification file

:20:ABCDR107L3101
:23:RETURN
:51A:BNDCCAMM
:50:NATIONAL BANK OF CANADA
:71A:OUR
:21:ABCDR107L31010001
:32B:CAD1000.00
:59:ABCD COMPANY INC
:70: /RFB/1234567 JOHN DOE INVOICE 1234
903/STOP PAYMENT
:32A:061231CA1000.00
:99N:1



Appendices

Appendix A - What is the difference between an electronic fund transfer and a SWIFT wire transfer ?

It is essential to note that within the SMI solution, to perform an electronic fund transfer, the transaction must be sent in the local currency of the destination country.

Please refer to Appendix B for the list of countries where electronic fund transfer is available. For all other countries, wire transfer is the only available option.

Electronic Fund Transfer (EFT/ACH)

Usage : Mainly used for recurring payments, such as salaries or monthly supplier payments.

Network : Uses local networks like ACH (Automated Clearing House) or similar systems to transfer funds directly between bank accounts.

Fees : Fees for EFT via the IMS solution range from 0.20\$ to 6.50\$ depending on the destination of the payment.

Sécurité : Secure and reliable.

SWIFT wire

Usage : Mainly used for international transfers to suppliers or for non-recurring transactions. Wire transfers contain more information and data than an EFT.

Network : Uses the SWIFT network (Society for Worldwide interbank Financial Telecommunication) to send messages and payments between banks.

Fees : Fees for wire transfers via the IMS solution range from 25\$ to 40\$ depending on the volume.

Security : Highly secure, SWIFT is widely recognized and used by banks worldwide.

Appendix B

List of countries available for electronic funds transfers

This table shows the countries you can send electronic funds transfers to, as well as the currency in which EFTs will be sent.

Country	Currency
AUSTRALIA	AUD
AUSTRIA	EUR
BELGIUM	EUR
CANADA	CAD
DENMARK	DKK
FINLAND	EUR
FRANCE	EUR
FRENCH POLYNESIA	EUR
GERMANY	EUR
GREECE	EUR
HONG KONG	HKD
HUNGARY	EUR
INDIA	INR
IRELAND	EUR
ITALY	EUR
JAPAN	JPY
LUXEMBOURG	EUR
MOROCCO	MAD
NETHERLANDS	EUR
NEW ZEALAND	NZD
NORWAY	NOK
PORTUGAL	EUR
SOUTH AFRICA	ZAR
SPAIN	EUR
SWITZERLAND	CHF
TUNISIA	TND
UNITED KINGDOM	GBP
UNITED STATES	USD