



Operation Manual

Visa. Message codes for processing "Clearing&Settlement" files

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This document is a catalog of messages for processing settlement data from Visa "Clearing&Settlement" files in Way4.

The document is intended for Way4 users (bank or processing center employees) who are responsible for setting up and/or carrying out settlements with payment systems.

When working with this document, it is recommended to use the following resources from the OpenWay documentation series:

- "Visa Interchange Interface".
- "Visa "Clearing&Settlement" File".
- "Payment System Settlement in Way4".

The following notation can be used in the document:

- Field labels in screen forms are shown in *italics*.
- Key combinations are shown in angular brackets, for example, <Ctrl>+<F3>.
- Names of screen form buttons and tabs are shown in square brackets, for example, [Approve].
- Sequences for selecting user menu items or context menu items are shown using arrows as follows: "Issuing → Contracts Input & Update".
- Sequences for selecting system menu items are shown using arrows as follows: Database => Change password.
- Variables that differ for each local instance, such as directory and file names, as well as file paths are shown in angular brackets, as in <OWS_HOME>.

Warnings and information are marked as follows:



Warnings about potentially hazardous situations or actions.



Messages with information about important features, additional options, or the best use of certain system functions.

1 Messages for processing Visa files

This section contains messages and message codes that are used in import and processing of "Clearing&Settlement" files (for more information, see the section "File structure" of the document "Visa "Clearing&Settlement" File") – OpenWay → VISA → VISA. Daily Procedures → VISA. Inward Procedures → VISA BASE II Inward Processing. These messages are generated based on payment system data.

When using this information, note the following:

1. The section contains an exhaustive list of messages that are supported in Way4 for this payment system; the use of messages depends on the configuration of the client's system.
2. Message code values "S1%" and "S2%" in the "Message Code" column indicate the file's settlement data level (total or detailed) to which a message being imported belongs. To use these codes, set the parameter NEW_VSS_PROCESSING = Y for the file import pipe (see the section "File structure" of the document "Visa "Clearing&Settlement" File").
3. If the "Parameter" column:
 - Contains "default", the message is used when importing the default file.
 - Contains <name of parameter> = Y, the message is used when the specified parameter is set for the import pipe.
4. Not all messages starting with "S1" (total level of the file's settlement data) can be used simultaneously, since some of them are mutually exclusive. For example, either the messages "Interchange Total" + "Reimbursement Fee Total" or "Acq Interchange Total" + "Iss Interchange Total" + "Acq Reimbursement Fee Total" + "Iss Reimbursement Fee Total" + "Other Interchange Amounts" + "Other Reimbursement Fee" can be used.
For more information, see the section "Setup of the file's total level" of the document "Visa "Clearing&Settlement" File".
5. Not all messages starting with "S2" (detailed level of the file's settlement data) can be used simultaneously. If more detailed messages are used, less detailed messages of the same type cannot be used. For example, it is possible to use the "Acq Reimb Fee" message as a whole or split it into transaction types: "Acq Reimb Fee Detail Original Retail with Reversals Out", "Acq Reimb Fee Detail Original ATM with Reversals Out", "Acq Reimb Fee Detail Original Cash with Reversals Out", etc.).
For more information, see the section "Setup of the file's detailed level: VSS-120 and VSS-130" (using the parameter SPLIT_FDR=Y to split information about amounts and fees in Visa interbank documents depending on the cash flow direction) of the document "Visa "Clearing&Settlement" File".
6. By default, information about the total amount of settlements for all Visa fees (Charges Total) in the "VSS-110 – Settlement Summary Report" report is not imported to Way4. To import this information, set the parameter VSS_110_C9_<Processing BIN> = Y for the file import pipe. For more information, see the section "Importing Visa fee settlement amounts (fees from "VSS-110 – Settlement Summary Report")" of the document "Visa "Clearing&Settlement" File".

7. The table also contains *Source* and *Target* field values of transaction subtypes corresponding to the indicated messages. These values make it possible to define accounts for recording operations.

Message Name	Message Code	Parameter	Source/Target
Interchange Total	S1--I---	default	Nostro – Nostro Suspense
Acq Interchange Total	S1-AI---	S1_DTLS=Y	Nostro – Nostro Suspense
Iss Interchange Total	S1-II---	S1_DTLS=Y	Nostro – Nostro Suspense
Reimbursement Fee Total	S1--F---	default	Nostro – Nostro Suspense
Acq Reimbursement Fee Total	S1-AF---	S1_DTLS=Y	Nostro – Nostro Suspense
Iss Reimbursement Fee Total	S1-IF---	S1_DTLS=Y	Nostro – Nostro Suspense
Must be added: Other Interchange Amounts	S1-OI---	S1_DTLS=Y	Trans type and sub-type are setup by the bank
Must be added: Other Reimbursement Fee	S1-OF---	S1_DTLS=Y	Trans type and sub-type are setup by the bank
Must be added: Total Acquirer charges (Acq Charges)	S1IAC---	default	Trans type and sub-type are setup by the bank
Must be added: Total Issuer charges (Iss Charges)	S1IAC---	default	Trans type and sub-types are setup by the bank
Must be added: Total Other charges (Other Charges)	S1IOC---	default	Trans type and sub-type are setup by the bank

Message Name	Message Code	Parameter	Source/Target
Charges Total	S1--C---	VSS_110_C9_<Processing BIN>=Y	Nostro – Nostro Suspense
Acq Charges	S2-AC---	VSS_110_C9_<Processing BIN>=Y	Nostro – Settlement Fees Passive
Iss Charges	S2-IC---	VSS_110_C9_<Processing BIN>=Y	Nostro – Settlement Fees Passive
Other Charges	S2-OC---	VSS_110_C9_<Processing BIN>=Y	Nostro – Settlement Fees Passive
Other Ichng Detail Fee Collection	S2-OI1ZF	default	Nostro Suspense – Incoming Suspense
Other Ichng Detail Funds Disbursement	S2-OI2ZF	default	Nostro Suspense – Incoming Suspense
Iss Optional Fee Total Inc (OIF fee)	S2IIF8X-		Bank Passive – Incoming Suspense
Iss Conversion Fee Total Inc (conversion fee)	S2IIF8Y-		Settlement Fees Passive – Incoming Suspense
Acq Conv Rate Fee Detail Out (revenue/expenses that arise from FX rate difference when processing "Reversal" transactions)	S2OAF8V-		Outgoing Suspense – Retail Fee Passive

Message Name	Message Code	Parameter	Source/Target
Acq Reimb Fee Detail All Retail	S2-AF009		Nostro Suspense – Retail Fee Passive
Iss Reimb Fee Detail All Retail	S2-IF009		Nostro Suspense – Retail Fee Passive
Acq Reimb Fee Detail All ATM	S2-AF019		Nostro Suspense – ATM Fee Passive
Iss Reimb Fee Detail All ATM	S2-IF019		Nostro Suspense – ATM Fee Passive
Acq Reimb Fee Detail All Cash	S2-AF129		Nostro Suspense – Cash Fee Passive
Iss Reimb Fee Detail All Cash	S2-IF129		Nostro Suspense – Cash Fee Passive
Acq Reimb Fee Detail All Unique	S2-AF189		Nostro Suspense – Retail Fee Passive
Iss Reimb Fee Detail All Unique	S2-IF189		Nostro Suspense – Retail Fee Passive
Acq Reimb Fee Detail All Credit	S2-AF209		Nostro Suspense – Retail Fee Passive
Iss Reimb Fee Detail All Credit	S2-IF209		Nostro Suspense – Retail Fee Passive
Acq Reimb Fee Detail CH Payment Out	S2-AF2X9		Nostro Suspense – Retail Fee Passive
Iss Reimb Fee Detail CH Payment Inc	S2-IF2X9		Nostro Suspense – Retail Fee Passive
Acq Reimb Fee Detail Balance Inquiry Out	S2OAF31-		Nostro Suspense – ATM Fee Passive

Message Name	Message Code	Parameter	Source/Target
Iss Reimb Fee Detail Balance Inquiry Inc	S2IIF31-		Nostro Suspense – ATM Fee Passive
Acq Reimb Fee Detail ATM Account Transfer Out	S2OAF40-		Nostro Suspense – ATM Fee Passive
Iss Reimb Fee Detail ATM Account Transfer Inc	S2IIF40-		Nostro Suspense – ATM Fee Passive
Other Reimb Fee Detail Fee Collection	S2-OF1ZF	default	Nostro Suspense – Retail Fee Passive
Other Reimb Fee Detail Funds Disbursement	S2-OF2ZF	default	Nostro Suspense – Retail Fee Passive
Other Reimb Fee Detail Other	S2-OF9T-		Nostro Suspense – Retail Fee Passive
Acq Reimb Fee Detail Other	S2-AF9T-		Nostro Suspense – Retail Fee Passive
Iss Reimb Fee Detail Other	S2-IF9T-		Nostro Suspense – Retail Fee Passive
Acq Ichng Detail Original Retail with Reversals Out	S2OAI001		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail Original Retail with Reversals Inc	S2III001		Nostro Suspense – Incoming Suspense
Acq Ichng Detail Original ATM with Reversals Out	S2OAI011		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail Original ATM with Reversals Inc	S2III011		Nostro Suspense – Incoming Suspense

Message Name	Message Code	Parameter	Source/Target
Acq Ichng Detail Original Cash with Reversals Out	S2OAI121		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail Original Cash with Reversals Inc	S2III121		Nostro Suspense – Incoming Suspense
Acq Ichng Detail Original Unique with Reversals Out	S2OAI181		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail Original Unique with Reversals Inc	S2III181		Nostro Suspense – Incoming Suspense
Acq Ichng Detail Original Credit with Reversals Out	S2OAI201		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail Original Credit with Reversals Inc	S2III201		Nostro Suspense – Incoming Suspense
Acq Ichng Detail CH Payment Out	S2OAI2X1		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail CH Payment Inc	S2III2X1		Nostro Suspense – Incoming Suspense
Acq Ichng Detail Secondary Out	S2OAI--2		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail Secondary Inc	S2III--2		Nostro Suspense – Incoming Suspense
Acq Ichng Detail Secondary Inc	S2IAI--2		Nostro Suspense – Incoming Suspense
Iss Ichng Detail Secondary Out	S2OII--2		Nostro Suspense – Outgoing Suspense

Message Name	Message Code	Parameter	Source/Target
Acq Ichng Detail Adj Out	S2OAI--a		Nostro Suspense – Outgoing Suspense
Iss Ichng Detail Adj Inc	S2III--a		Nostro Suspense – Incoming Suspense
Other Ichng Detail Other	S2-OI9T-		Nostro Suspense – Incoming Suspense
Other Ichng Detail Fee Collection In	S2IOI1ZF	SPLIT_FDR=Y	Nostro Suspense – Incoming Suspense
Other Ichng Detail Fee Collection Out	S2OOI1ZF	SPLIT_FDR=Y	Nostro Suspense – Outgoing Suspense
Other Ichng Detail Funds Disbursement In	S2IOI2ZF	SPLIT_FDR=Y	Nostro Suspense – Incoming Suspense
Other Ichng Detail Funds Disbursement Out	S2OOI2ZF	SPLIT_FDR=Y	Nostro Suspense – Outgoing Suspense
Other Reimb Detail Fee Collection In	S2IOF1ZF	SPLIT_FDR=Y	Nostro Suspense – Incoming Suspense
Other Reimb Detail Fee Collection Out	S2OOF1ZF	SPLIT_FDR=Y	Nostro Suspense – Outgoing Suspense
Other Reimb Detail Funds Disbursement In	S2IOF2ZF	SPLIT_FDR=Y	Nostro Suspense – Incoming Suspense
Other Reimb Detail Funds Disbursement Out	S2OOF2ZF	SPLIT_FDR=Y	Nostro Suspense – Outgoing Suspense