

Preferred Counterparties

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Introduction

This document is intended for employees of banks or processing centres who are responsible for the configuration of the WAY4 system and contains information about how to configure Preferred Counterparties. Preferred counterparties are used in WAY4 to expand the functionality of services and reports.

When working with this document, it is recommended to use the following resources from the set of WAY4 documentation:

- "WAY4™ Service Packages"
- "Issuing modules"
- "Acquiring modules"
- "Products and contract sub-types"
- "Usage Limiters"
- "Tariff management"
- "WAY4™ Dictionaries"
- "WAY4™ Client and Contract Classifiers"

The following conventions are used throughout this document:

- Field names in screen forms are displayed in *italics*.
- Names of screen form buttons are shown in square brackets, such as [Approve].
- The sequence for selecting a user menu item is given with arrows, as in "Configuration Setup" → Contract Types".
- Warnings that there is a risk of making an incorrect action are marked with the  sign.
- Messages marked with the  sign contain information about important features, additional facilities or the optimal use of certain functions of the system.

Chapter 1. Main principles of working with preferred counterparties

A preferred counterparty (hereinafter referred to as a counterparty) is a counterparty or group of counterparties distinguished by values specified for such parameters as merchant type, area, contract subtype, etc.


A counterparty may be a merchant, cardholder, or routing contract (if a transaction is not on-us, or if the appropriate interbranch routing settings were not found for an interbranch transaction).

Selecting counterparties makes it possible to set additional parameters for operations, depending on the counterparty.

A list of counterparties can be generated on the level of a contract, service package, contract subtype, tariff domain, etc.

Preferred counterparties set up on the contract level are inherited down the hierarchy when contracts are approved. Note that inheritance of preferred counterparties in large hierarchies affects the duration of the contract approval process (i.e. the duration of the daily procedure for approving contracts).

To optimise the contract approval process in these cases, the global parameter `POSTPONE_ACNT_HIERARCHY_AFTER` can be used to postpone the process (see the section "POSTPONE_ACNT_HIERARCHY_AFTER" of the document "WAY4™ Global Parameters").

 Counterparties can be set on the level of tariff domains only when the tariff management module is included in the supplied package. The tariff management module is not included in the base configuration of WAY4 and is delivered by separate agreement with the WAY4™ system supplier.

The main principles for using this configuration are as follows:

- Counterparty categories are registered in the system (see the section "Configuring Preferred Counterparty Categories (Preference Type)").
- The list of counterparties and corresponding actions are configured.
 - The list of counterparties can be configured:
 - ◆ When configuring the Service Package (see the section "Service Package").
 - ◆ When configuring the contract subtype (see the section "Contract Subtypes").
 - ◆ When configuring contract parameters (see the section "Contract").
 - ◆ When configuring tariffs (see the section "Tariff Domain").
 - Counterparties can be defined by the following parameters:
 - ◆ Counterparty contract type, contract subtype
 - ◆ Counterparty financial institution

- ◆ Merchant category code
 - ◆ Category of counterparty contract
 - ◆ Transaction, bankcard issue area
 - ◆ Name of merchant
 - ◆ Merchant contract
- A Service or a usage limiter connection with the counterparty category is established (see the sections "Service", "Contract Usage Limiters").

The system uses the given settings as follows. During authorisation, a search is made of the Service for processing the transaction, a set of limiters is determined whose conditions meet those of the transaction parameters. If a connection with a counterparty category is determined for the selected Service or usage limiter, a search is made for counterparties of the given category. The search is carried out as follows: first, contract settings are analysed, then those of the Service Package; next those of the contract subtype, and finally, tariff domain settings. As soon as a counterparty (list of counterparties) of the given category is found, the system stops searching and uses the parameters of the counterparty (list of counterparties) found.

Chapter 2. Configuring Preferred Counterparties

Counterparties are configured in the following stages:

- Configuring Preferred Counterparty Categories (Preference Type)
- Configuring the List of Preferred Counterparties
- Using "Custom Handbooks" to Configure Preferred Counterparty Parameters
- Configuring Service Connections/Limiters with the Preferred Counterparty Category

Configuring Preferred Counterparty Categories (Preference Type)

A new counterparty category is added in the "Preference Types" dictionary. Select the user menu item "Full → Configuration Setup → Products Definition → Preference Types".

The "Preference Types" form (see Fig. 1) will open, which is used for entering and editing records on counterparty categories.

Name	Code	Contract Cat
Allowed	ALLOW	Account
Restricted	RESTR	Device

Ins Del Query

Fig. 1. Form for entering a new counterparty category


Click the [Ins] button to add an empty row to this form, and fill in the following fields:

- *Name* – name of the counterparty category
- *Code* – a special code used when importing external files to associate the imported data with the counterparty category.
- *Contract Cat* –counterparty contract category

Configuring the List of Preferred Counterparties

The list of counterparties can be configured as follows:

- When configuring the Service Package (see the section "Service Package").
- When configuring the contract subtype (see the section "Contract Subtypes").
- When configuring contract parameters (see the section "Contract").
- When configuring tariffs (see the section "Tariff Domain").

 In addition to the main parameters of preferred counterparties (see above) additional conditions can be set for checking counterparties using Custom

Handbooks. For more information, see the section "Using "Custom Handbooks" to Configure Preferred Counterparty Parameters".

The `MERCHANT_PREFERENCE_CASE_SENSITIVE` global parameter affects the procedure for searching for a counterparty. The parameter determines case sensitivity when checking preferred counterparty parameters. For more information, see the section "MERCHANT_PREFERENCE_CASE_SENSITIVE" of the document "WAY4 Global Parameters". By default, searches are not case-sensitive.

Service Package

In the Service Package, the list of counterparties can be configured in the "Service Packs" form (Full → Configuration Setup → Products → Service Packs) or in special forms with the list of Service Packages (Full → Configuration Setup → Products → <Name of product group> → <Name of client category> Service Packs) (see Fig. 2).

Name	Contract Type	Parent Pack	For Contracts	Use Default	Code	Fee Contract	Special Params	Is Ready
001-Our Priv JCB	Our JCB Cards		Product	For Dispute	PIJ	001-CLIENT_FEE		Ready
001-Our Local Card	Our Local Card		Product	For Dispute	PIL	001-CLIENT_FEE		Ready
001-Our Priv Electron/Plus	Our Electron/Plus		Product	For Dispute	PIEP	001-CLIENT_FEE		Ready
001-Our Priv Cirrus/Maestro	Our Cirrus/Maestro		Product	For Dispute	PICM	001-CLIENT_FEE		Ready
001-Our Priv EC/MC	Our EuroCard/MasterCard		Product	For Dispute	PIEM	001-CLIENT_FEE		Not Ready

Fig. 2. Form for entering and editing Service Package information for card contracts of private clients

Clicking the [Preferred] button in the aforementioned forms opens the "Preferred for <name of Service Package>" form (see Fig. 3).

Preference Type	Is Active	Date From	Date To	Area	SIC	Contra FI	Contra Type	Contra Subtype
→ Evtnt-based for device	Yes	00/00/0000	00/00/0000					

Fig. 3. Form for configuring the list of counterparties

To add a record on a new counterparty (or group of counterparties) to the list, click the [Ins] button to add an empty row and fill in the following record fields:

- The counterparty category is entered in the *Preference Type* field (see the section "Configuring Preferred Counterparty Categories (Preference Type)")
- The *Is Active* field determines if the given configuration can be applied
- The *Date From* and *Date To* fields specify the calendar dates of the start and end of the given configuration's validity
- The *Area* field is the name of the area where the transaction is made, where the bankcard is issued (see the section "Country Area Support" in the document "WAY4™ Dictionaries")
- The *SIC* field is the code determining the merchant category code (SIC/MCC) in accordance with business type (see the section ""SIC Group" Dictionary" of the document "WAY4™ Dictionaries")
- *Contra FI* – the counterparty's financial institution
- *Contra Type* – the counterparty's contract type; this value is selected from the list of contract types in accordance with the contract category selected in

the *Contract Cat* field (see the section Configuring Preferred Counterparty Categories (Preference Type))

- *Contra Subtype* –the counterparty contract subtype

The "Preferred Details" form (see Fig. 4) opened by clicking the [Full Info] button in the table grid with the list of counterparties provides access to additional information about a counterparty.

Fig. 4. Additional information about a counterparty

This form contains the following fields, which are not present in the higher-ranked form:

- *Interval (FR-TO in hours)* – shows the time interval in which the given configuration is active
- *Week Days List (eg. 1,3,5,7)* – days of the week, delimited by commas, on which the given configuration is active. Monday corresponds to the number "1"
- *Working Day Only* – when the value of this field is "Yes", the configuration will only be active on working days
- *Merchant Name* – the name of the merchant registered in the system.



Values in the *Merchant Name* field can be set in the following format:

- Part of the merchant name can be specified. For example, when the value "TOY" is entered, all operations at merchants with the names "TOYS", "TOYSHOP", "TOY-2000", etc., will meet this condition.
- The tag MI=Merchant_Id; can be used. All transactions with the specified *Merchant_Id* field value of the document will meet this condition. For more information, see the section "Tags in the *Custom Parms* Field of Preferred Counterparties".
- *Main Contractor* – indicates the number of the merchant account contract registered in the system
- The "Restrictions" field group establishes additional restrictions:
 - The *Active Event* field – Event type code. The corresponding Service of this Service Package will be used only if in an Event (in the "Posted" status) with the specified code is open for the counterparty contract. The code is selected from a list of Event type codes registered in WAY4.

- The *Currency* field – drop-down list of currencies for calculating limit amounts in the *Max Amount*, *Min Amount* fields.
- The *Max Amount*, *Min Amount* fields – restrictions on the maximum and minimum transaction amount.
- The fields *Doc Tag Name*, *Doc Tag Value* – on the parameters of the authorisation document specified as tags in the document fields *Add Data*, and *Reason Details*. Several comma-delimited values can be specified in the *Doc Tag Value* field.
- *Custom Parms* – field for the entry of special parameters as tags. For more information, see the section "Tags in the *Custom Parms* Field of Preferred Counterparties".

Changes are activated by clicking the [Approve] button in the "Service Packs" form.

Contract

The following ways are used to configure the list of counterparties on the contract level:


- Click the [Preferred] button in the corporate card contract or account contract form and then fill in the "Preferred for <name of contract>" form that opens on the screen. This form is similar to the form "Preferred for <name of Service Package>" (see Fig. 3 in the section "Service Package").
- For issuing and acquiring module contract, the list of counterparties can be configured using applications (see the document "Advanced Applications R2").

Contract Subtypes

On the contract subtype level, the list of counterparties is set in the "Preferred for <name of Sub-type>" form which is opened by clicking the [Preferred] button in the "Sub-types for <name of contract>" form (Full → Configuration Setup → Contract Types → <Client Category> Contract Types).

This form is similar to the form "Preferred for < name of Service Package>" (see Fig. 3 in the section "Service Package").

Tariff Domain

 Counterparties can be set on the tariff domain level if the supply package includes the tariff management module. The tariff management module is not included in the base configuration of WAY and is delivered by separate agreement with the WAY4™ system supplier.

The list of counterparties is configured on the tariff domain level in the "Preferred for <name of tariff domain>" form, which is opened by clicking the [Preferred] button in the "Tariff Domains" form (Tariffs → Tariff Types & Tariff Domains → Tariff Domains).

This form is similar to the form "Preferred for < name of Service Package>" (see Fig. 3 in the section "Service Package").

Using "Custom Handbooks" to Configure Preferred Counterparty Parameters

General Information

In addition to the main parameters of preferred counterparties, additional conditions for checking counterparties can be set using the following Custom Handbooks:

- List of financial institutions – a preferred counterparty will meet the selection conditions (will be active) if the counterparty contract belongs to one of the financial institutions in the list. Records in the list are checked according to the F_I field of the counterparty contract.
- List of merchant identifiers – a preferred counterparty will meet the selection conditions if the merchant (counterparty) identifier corresponds to one of the identifiers in the list. Records in the list are checked according to the MERCHANT_ID field of the document.
- List of source identifiers for the corresponding channel for sending transaction information – a preferred counterparty will meet the selection conditions if the source channel corresponds to one of the records in the list. Records in the list are checked according to the SRC_MEMBER_ID field of the document.
- List of target identifiers for the corresponding channel for sending transaction information – a preferred counterparty will meet the selection conditions if the target channel corresponds to one of the records in the list. Records in the list are checked according to the TARGET_MEMBER_ID field of the document.
- List of counterparty contract sub-types – a preferred counterparty will meet the selection conditions if the counterparty contract sub-type corresponds to one of the records in the list. Records in the list are checked according to the CONTR_SUBTYPE_ID field of the counterparty contract.
- List of counterparty contract numbers – a preferred counterparty will meet the selection conditions if the counterparty contract number corresponds to one of the records in the list. Records in the list are checked according to the CONTRACT_NUMBER field of the counterparty contract.


For more information about configuring preferred counterparty parameters using Custom Handbooks, see the section "Configuration Procedure".

Configuration Procedure

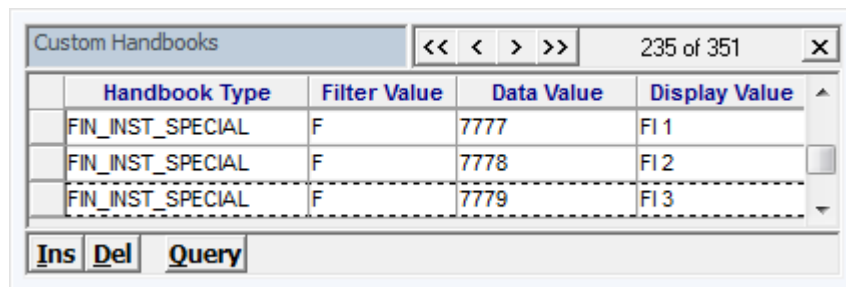
To configure a custom list used for additional checking of counterparties, do as follows:

- In the "Custom Handbooks" form (Full → Configuration Setup → Client Classifiers → Custom Handbooks), create a record of the list. For example, a list of financial institutions for which the counterparty will be active:
 - *Handbook Type* – the code of the list (in our example, FIN_INST_SPECIAL), see Fig. 5.

- *Filter Value* – the value according to which records can be filtered in the general "Custom Handbooks" list.
- *Data Value* – the value of the record in the list. In our example, this is the financial institution identifier (Branch Code), see Fig. 5.

 A check if a document field value is included in the handbook can be made according to "LIKE" operator rules. To do so, set a mask (template) in the *Data Value* field with the following special characters:

- ◆ " _ " (underline) – any character.
- ◆ "% " – 0 or more characters.



Handbook Type	Filter Value	Data Value	Display Value
FIN_INST_SPECIAL	F	7777	FI 1
FIN_INST_SPECIAL	F	7778	FI 2
FIN_INST_SPECIAL	F	7779	FI 3


Ins Del Query

Fig. 5. Configuring a list in "Custom Handbooks"

- In the form of the preferred counterparty for which the additional selection conditions are being configured, specify the HB_CODE=<handbook code>; and HB_PARM=<field name>; tags in the *Custom Parms* field:
 - The HB_CODE=<handbook code>; tag sets the code of the handbook (*Handbook Type*) according to which the additional check will be made (in our example, HB_CODE=FIN_INST_SPECIAL;).
 - The HB_PARM=<field name>; tag is used to specify the tag that determines the counterparty contract parameter according to which records in the list will be checked (searched), (in our example, HB_PARM=F_I;):
 - ◆ F_I – search by the F_I field of the counterparty contract.
 - ◆ MERCHANT_ID – search by the MERCHANT_ID field of the document.
 - ◆ SRC_MEMBER_ID – search by the SRC_MEMBER_ID field of the document.
 - ◆ TGT_MEMBER_ID – search by the TGT_MEMBER_ID field of the document.
 - ◆ SUBTYPE – search by the *RBS Number* (CODE) field of the counterparty contract sub-type.
 - ◆ CONTRACTOR – search for a counterparty contract number. Made according to document SOURCE_NUMBER/TARGET_NUMBER field. The corresponding counterparty contract number is searched for in the CONTRACT_NUMBER field of the ACNT_CONTRACT table (i.e. the counterparty contract must be registered in WAY4).
 - ◆ TR_CITY – search by the TRANS_CITY field of a document.

- ◆ TR_CURR – search by the TRANS_CURR field of a document.
- ◆ TGT_NUMBER – search by the TARGET_NUMBER field of a document.
- ◆ SRC_MERCHANT_ID – search by two fields: document SOURCE_MEMBER_ID and MERCHANT_ID fields
- ◆ <name of custom tag> – makes it possible to check whether the value of a custom tag in a document's ADD_INFO is included in the handbook.

In this configuration, a preferred counterparty will meet filtering conditions (will be active) if the counterparty contract belongs to one of the financial institutions in the handbook. Records in the handbook are checked by the F_I field of the counterparty's contract.

 For a preferred counterparty, at any one time, an additional check can be added only according to one list (by one code of the HB_CODE list) and by one HB_PARM parameter.

The HB_CODE and HB_PARM tags can be used together with the EMPTY_HB_VAL tag. When this tag is specified, the condition is considered to have been met if the field being analysed in the document is empty or the tag is missing.

Configuring Service Connections/Limiters with the Preferred Counterparty Category

To configure a Service/limiter connection for a preferred counterparty category, it is necessary to select the corresponding category in the Service/limiter parameters. The given configuration determines the list of counterparties for the Service/limiter.

Service

The connection between a Service and a preferred counterparty category is configured in the *Preference* field of the form with detailed information on the Service (see the section "Full Information about a Service" in the document "WAY4™ Service Packages").

Contract Usage Limiters

The connection between a usage limiter and a preferred counterparty category is configured in the *Preference Type* field in the form with additional parameters of a limiter template (see the section "Additional Parameters of Limiters (Details)" in the document "Usage Limiters").

Chapter 3. Using Preferred Counterparties in WAY4

Example 1:

There are two corporations; employees of one can make payments at the Hilton hotel, employees of the other, at the Radisson hotel.

- Both corporations use the same Service Package
- Configure the Preference Type named "Only enabled"
- Configure the Service for the *SIC Group* "Hotels". For this service, specify the counterparty category "Only enabled" in the *Preference* field
- In the corporation contracts, indicate the *SIC (MCC)* and/or *Merchant Name* of the permitted hotel in the "Preferred for ..." form

Example 2:

A bank limits the authorisation amount for Visa cards from "suspicious" countries.

- Configure the "suspicious" countries using the Area dictionary (see the section "Country Area Support" of the document "WAY4™ Dictionaries")
- Configure a Preference Type named "Restricted".
- In the list of preferred counterparties of the Service Package for the device contract (in the "Preferred for ..." form), specify the "suspicious" area to which the "Restricted" category applies
- Configure the limiter that regulates the maximum transaction amount (*Max Amount*) for the *Preference Type* "Restricted".

Appendix 1. Tags in the *Custom Parms* Field of Preferred Counterparties

Name	Value	Description
Tags in the <i>Custom Parms</i> field of preferred counterparties:		
TRANS_FX		When the tag is set, if the transaction currency is the same as the settlement currency, a preferred counterparty is considered to be disabled. I.e., the preferred counterparty will be active only if conversion is executed.
DOC_TAG	<tag name>	Allows setting conditions for specifying preferred counterparties depending on authorization document parameters specified as tags in the <i>Add Data</i> and <i>Reason Details</i> fields. Several values, delimited by commas, can be specified as the value of the DOC_TAG_VALUE tag. "PRESENT" - if this value is set or the tag is not set, a check is made for the presence of the tag specified in the DOC_TAG tag (a check is made for the presence of the tag without a value). "ABSENT" - if this value is set, a check is made that the tag specified in DOC_TAG is present in the document (a check is made for the tag without a value).
DOC_TAG_VALUE	<tag value> "PRESENT" "ABSENT"	
SIC_LIST	<SIC_Code1>,<Sic_code2>, ...,<Sic_codeN>	Sets the list of SIC codes (MCC) for which this preferred counterparty will be active (will meet checking conditions). The list of codes is comma-delimited.
EXC_SIC_LIST	<SIC_Code1>,<Sic_code2>, ...,<Sic_codeN>	If the SIC (MCC) of a document is included in this list, the preferred counterparty does not meet search conditions. I.e., the counterparty will be active for all merchant categories, other than those specified in this list. The list of codes is comma-delimited.
COUNTRY_LIST	<Country_code1>,<Country_code 2>, ...,<Country_codeN>	Sets the list of countries for which this preferred counterparty will be active. I.e., if the value of the Country (trans_country) field of a document is included in the list specified in the tag, a preferred counterparty meets search conditions. The list of codes is comma-delimited.

Name	Value	Description
EXC_COUNTRY_LIST	<Country_code1>,<Country_code 2>, ...,<Country_codeN>	If the country code (value of the Country field (trans_country) of a document) is included in this list, the preferred counterparty does not meet search conditions. I.e, the counterpart will be active for all countries, other than those specified in this list. The list of codes is comma-delimited.
MI_LIST	<Merchant ID 1>,<Merchant ID2>, ...,<Merchant ID N>	Sets the list of Merchant IDs for which this preferred counterparty will be active. If for a processed document the list contains the value of the merchant_id field, the preferred counterparty meets search conditions. The list of codes is comma-delimited. Note: lists of masks can be set as the tag value.
TERM_LIST	<Merchant ID1>.<Terminal ID1>, <Merchant ID2>.<Terminal ID2>, <Merchant ID3>.<Terminal ID3>	Makes it possible to set Terminal IDs linked to Merchant IDs for which a preferred counterparty will be activated. A check is made by merchant_id and source_number fields of the document. If for the document being processed the values of these fields are contained in the list set by the tag, the counterparty is considered enabled. Note: lists of device number masks (using the service character "%" in the format TERM_LIST=%.<Terminal ID1>) can be set as the tag value.
HB_CODE	<list code>	These tags allow "Custom Handbooks" to be used to set additional checks when specifying preferred counterparties. For more information, see the section "Using "Custom Handbooks" to Configure Preferred Counterparty Parameters" of the document "Preferred Counterparties".
HB_PARM	<field name>	
FOR_SAME	"CLIENT" "MAIN_CONTRACT" "TOP_CONTRACT" "F_I"	Using the FOR_SAME tag, transactions can be selected that were made between a client's "own" accounts. Tag values: <ul style="list-style-type: none"> • "CLIENT" – accounts belong to one client; • "MAIN_CONTRACT" - accounts belong to one "Main/Sub" hierarchy; • "TOP_CONTRACT" – accounts belong to one Liability hierarchy; • "F_I" – belong to one financial institution (i.e. configure limiter activation if counterparties have the same parameters, set using the tag). Several values can be set, delimited by commas.
SKIP_FI_HIERARCHY		When this tag is set, when determining a counterparty, financial institution hierarchy is not considered. For example, two preferred counterparties are set up in WAY4 – for the subordinate financial institution and for the head financial institution. If a transaction is made on a card of the subordinate financial institution, by default the preferred counterparty conditions for the head financial institution will be checked. When the tag is set, the system selects the preferred counterparty of the subordinate financial institution. This tag can be specified on the Service level (Service Details field).

Name	Value	Description
EXC_MI_LIST	<Merchant_ID_1>,<Merchant_ID_2> ,...,<Merchant_ID_N>	If a document's Merchant ID field value (the value of the contract's Card Acceptor Id field) is in this list, the preferred counterparty does not meet search conditions. I.e., the counterparty will be active for all Merchant IDs except those in this list. The list of codes is comma-delimited. Note: lists of masks can be used as tag values.
VICE_VERSE_TAG		This tag makes it possible to invert preferred counterparty parameters. For example, if a preferred counterparty is created with the counterparty region specified (for example, Country1) and this tag is set, the preferred counterparty will be active for all regions except Country1.
IF_CS_TYPE	<CS_STATUS_TYPE.CODE>	This tag sets the type of checked classifier. Used together with the IF_CS_VALUE, IF_NOT_CS_VALUE, and IF_CS_TYPE_FOR tags. For more information, see the section "Executing Actions Depending on Classifier Values" of the document "WAY4™ Client and Contract Classifiers". It is possible to set a check of several classifiers for a contract or of one classifier for different contracts by using the IF_CS_NUMB, IF_CS_TYPE<N>, IF_CS_VALUE<N>, IF_NOT_CS_VALUE<N>, IF_CS_TYPE_FOR<N> tags. See the description of the IF_CS_NUMB tag.
IF_CS_VALUE	<CS_STATUS_VALUE.CODE 1>, <CS_STATUS_VALUE.CODE 2>,...,<CS_STATUS_VALUE.CODE N>	An Event will be opened only if clients or their contracts correspond to the set classifier value. Several codes separated by commas may be specified as the value of this tag. Used together with the IF_CS_TYPE tag. For more information, see the section "Executing Actions Depending on Classifier Values" of the document "WAY4™ Client and Contract Classifiers". It is possible to set a check of several classifiers for a contract by using the IF_CS_NUMB, IF_CS_TYPE<N>, IF_CS_VALUE<N>, IF_NOT_CS_VALUE<N>, IF_CS_TYPE_FOR<N> tags. See the description of the IF_CS_NUMB tag.
IF_NOT_CS_VALUE	<CS_STATUS_VALUE.CODE 1>, <CS_STATUS_VALUE.CODE 2>,...,<CS_STATUS_VALUE.CODE N>	An Event will not be opened if the value specified in the tag corresponds with the value of the classifier in the contract or client. Several codes separated by commas may be specified as the value of this tag. Used together with the IF_CS_TYPE tag. For more information, see the section "Executing Actions Depending on Classifier Values" of the document "WAY4™ Client and Contract Classifiers". It is possible to set a check of several classifiers for a contract by using the IF_CS_NUMB, IF_CS_TYPE<N>, IF_CS_VALUE<N>, IF_NOT_CS_VALUE<N>, IF_CS_TYPE_FOR<N> tags. See the description of the IF_CS_NUMB tag.
IF_PARM	<tagged parameter name> CLIENT.SHORT_NAME CLIENT.FIRST_NAME	This tag sets a checked classifier (tagged parameter) for a contract. Used together with the IF_PARM_VALUE tag. For more information, see the section "Classifiers without a Fixed List of Values" of the document "WAY4™ Client and Contract

Name	Value	Description
	CLIENT.LAST_NAME CLIENT.COMPANY_NAME CLIENT.AGE	<p>Classifiers".</p> <p>A number of client parameters can be checked. To do so, the following values can be specified as the tag's value:</p> <p>CLIENT.SHORT_NAME – check the Short Name field in the client form.</p> <p>CLIENT.FIRST_NAME – check the First Name field in the client form.</p> <p>CLIENT.LAST_NAME – check the Last Name field in the client form.</p> <p>CLIENT.COMPANY_NAME – check the Company Name field in the client form (place of work)</p> <p>CLIENT.AGE – client age. Determined according to date of birth (Date of Birth field) and the system date (i.e. age at the time of the request is determined).</p> <p>These client attributes do not have to be registered as contract custom parameters.</p> <p>It is possible to set a check of several parameters for a contract by using the IF_PARM_NUMB, IF_PARM<N>, IF_PARM_VALUE<N>, IF_PARM_FOR<N> tags. See the description of the IF_PARM_NUMB tag.</p>
IF_PARM_VALUE	"<tagged parameter value>" "NOT_EMPTY" "EMPTY" "LIST_WITH:<list of values separated by commas>" "BETWEEN<value> AND <value>"	<p>A preferred counterparty will meet selection criteria if clients and their contracts correspond to the set classifier value. Used together with the IF_PARM tag. The IF_PARM_VALUE=NOT_EMPTY; tag is used to check for the existence of a parameter (the tag set using the IF_PARM tag) without checking its value.</p> <p>When the IF_PARM_VALUE=EMPTY; tag is set, the preferred counterparty will meet the conditions if the specified parameter doesn't have a value. Note that with this value, the preferred counterparty will also meet the conditions if the parameter is not present in the contract.</p> <p>When "IF_PARM_VALUE=LIST_WITH:<list of values separated by commas>" is set, the preferred counterparty will meet the conditions if even one value from the list (LIST_WITH) matches that set in the contract.</p> <p>When "IF_PARM_VALUE=BETWEEN<value> AND <value>" the preferred counterparty will meet the conditions if the value in the contract falls in the range set by the tag (for example, IF_PARM_VALUE=BETWEEN40 AND 50;). The value must be set with spaces, as shown in the example.</p> <p>It is possible to set a check of several parameters for a contract by using the IF_PARM_NUMB, IF_PARM<N>, IF_PARM_VALUE<N>, IF_PARM_FOR<N> tags. See the description of the IF_PARM_NUMB tag.</p>
OWN_CURR	"Y" "N"	<p>Makes it possible to set a condition for defining preferred counterparties depending on whether a transaction was made "in the contract currency" or "not in the contract currency".</p> <ul style="list-style-type: none"> • When the value is "Y", a preferred counterparty is considered active if the

Name	Value	Description
		<p>transaction currency (by default, the Settlement Currency in the document is used) matches the contract currency.</p> <ul style="list-style-type: none"> When the value is "N", a preferred counterparty is considered active if the transaction currency (by default, the Settlement Currency in the document is used) doesn't match the contract currency. <p>The document's currency type that is compared with the contract currency can be set using the OWN_CURR_TYPE tag.</p>
OWN_CURR_TYPE	"TRANS_CURR" "RECONS_CURR"	The tag defines the document currency (Settlement Currency, Transaction Currency, Reconciliation Currency) that will be compared with the contract currency when processing the OWN_CURR tag. If the tag is not set, the document's Settlement Currency will be used by default
IF_CURRENCY	<tag name> TRANS_CURR SETTL_CURR RECONS_CURR CONTRACT <tag or contract custom parameter> <classifier code> <three-digit numeric currency code or currency name>	<p>This tag sets the document currency that must be checked.</p> <p>Possible values:</p> <ul style="list-style-type: none"> Document tag containing the currency code. TRANS_CURR – transaction currency from the document. SETTL_CURR – settlement currency from the document. RECONS_CURR – reconciliation currency from the document (in the currency in which the source bank provides transaction information to the payment system). CONTRACT – contract currency. Tag or contract custom parameter with a currency code. <p>A contract's custom parameter can be registered as a "Primary" classifier.</p> <ul style="list-style-type: none"> Code of the classifier with a currency code. Explicit specification of currency – the tag value may be a code or the name of a certain currency. <p>Used together with the IF_CURRENCY_VALUE, IF_CURRENCY_RULE, IF_CURRENCY_FOR tags.</p>
IF_CURRENCY_VALUE	EMPTY NOT_EMPTY USE_IN_BANK <currency code1>, <currency code2>, ..., <currency codeN> <currency name1>, <currency name2>, ..., <currency nameN> <tag name>	<p>A preferred counterparty will correspond to filtering conditions if the document currency specified with the IF_CURRENCY tag corresponds to parameters set in the IF_CURRENCY_VALUE tag. Possible values:</p> <ul style="list-style-type: none"> EMPTY – this currency is not specified. NOT_EMPTY – this currency is specified. USE_IN_BANK – this currency has the <i>Use in Bank</i> parameter value of "Yes" (i.e. for this currency, conversion can be performed in WAY4 and the rate of the currency to the financial institution's local currency can be entered during the daily opening procedure). A code or name of a certain currency or several currencies, separated by

Name	Value	Description
		<p>commas can be used as the tag value.</p> <ul style="list-style-type: none"> • Tag or contract custom parameter containing a currency code or list of currencies separated by commas can be used as the tag value. A contract custom parameter can be registered as a "Primary" classifier.
IF_CURRENCY_RULE	ACC_SCHEME EQUAL NOT_EQUAL NOT_IN_LIST	<p>To set additional conditions for checking a currency, use the IF_CURRENCY_VALUE tag together with the IF_CURRENCY_RULE tag:</p> <ul style="list-style-type: none"> • To check the currency set in the IF_CURRENCY for correspondence to the Accounting Scheme it is necessary to set the tags IF_CURRENCY_RULE=ACC_SCHEME; IF_CURRENCY_VALUE=<list of account codes separated by commas>. If a list of account codes is set, the currency is searched for among the specified Accounting Scheme account templates. If a list of accounts is not set, the currency is searched for among all Accounting Scheme account templates. • To check a currency for correspondence (or non-correspondence) to another document currency, it is necessary to set the tags IF_CURRENCY_RULE=EQUAL; or IF_CURRENCY_RULE=NOT_EQUAL; the value of IF_CURRENCY_VALUE is also set as the value of the IF_CURRENCY tag. • When IF_CURRENCY_RULE=NOT_IN_LIST; is specified, a check will be made that the currency is not included in the list of currencies specified explicitly or through the parameter in the tag IF_CURRENCY_VALUE.
IF_PARM_FOR	"BILLING" "LIABILITY" "TOP" "BASE" "DOC_SOURCE" "DOC_TARGET" "FROM_DOC" "CONTRACT_ROLE" CONTRACT_ROLE_PARM=<tag name> "LIAB_CATEGORY"	<p>The IF_PARM_FOR tag is used together with the IF_PARM/IF_PARM_VALUE tags to redefine the contract for which these checks are made.</p> <ul style="list-style-type: none"> • "BILLING" – for the account contract from which settlement is made. • "LIABILITY" – for a higher-ranking contract in a "Liability" hierarchy. • "TOP" – for the top contract in a hierarchy. • "BASE" – for the main contract in a "Main/Sub" hierarchy, with which this contract is related. • "DOC_SOURCE" – for the contract specified in the document's <i>Source Contract</i> (source_contract) field (see the "Doc-Brief" form). • "DOC_TARGET" – for the contract specified in the document's <i>Target Contract</i> (target_contract) field (see the "Doc-Brief" form). • "FROM_DOC" – the contract is taken from the document's <i>Add Data</i> (add_info) field, according to the tag specified with the CONTRACT_TAG tag (in the same field). • "CONTRACT_ROLE" – for this value, specify the CONTRACT_ROLE=<role code> tag in this field; for example:

Name	Value	Description
		<p>IF_PARM_FOR=CONTRACT_ROLE;CONTRACT_ROLE=PAYMENT_LEVEL;. In this case, a search will be made for a contract with the CONTRACT_ROLE=<role code>; tag upward in a Liability hierarchy (in our example, a search for the CONTRACT_ROLE=PAYMENT_LEVEL tag). The check is made for the contract with the specified tag. If no contract with this tag is found in the Liability contract, the top contract in the hierarchy will be selected.</p> <ul style="list-style-type: none"> When a search for a contract must be made in a Liability hierarchy according to the value of an arbitrary tag, the CONTRACT_ROLE_PARM=<tag name>; tag must be additionally used in the configuration: For example, when the following settings are specified in the configuration: CONTRACT_ROLE=LEVEL1;CONTRACT_ROLE_PARM=LEVEL; WAY4 will search upward in the Liability hierarchy for a contract with the LEVEL=LEVEL=LEVEL1; tag. The check is made for the contract with the specified tag "LIAB_CATEGORY" – in this case, a search for a contract will be made upward in a Liability hierarchy within the category/categories set in this field using the LIAB_CATEGORY=<category1>,<category2> tag. Liability category codes, separated by commas, are specified as the LIAB_CATEGORY tag value: "Y" – "Full Liability" category "N" – "Affiliated" category "R" – "Reporting" category "A" – "Only Check Balance" category. For example, when the IF_PARM_FOR=LIAB_CATEGORY;LIAB_CATEGORY=Y,N; tags are specified, a search is made for the top contract in a "Liability" hierarchy, starting from the current contract within the "Full Liability" ("Y") and "Affiliated" ("N") categories. If a contract has no higher-ranking contracts, it will be used. If a higher-ranking contract belongs to another LIAB_CATEGORY, for example "Reporting" ("R")), no move up the hierarchy will be made. I.e. a contract from the middle of the Liability hierarchy will be used, the top one in in the "Full Liability" ("Y") and "Affiliated" ("N") categories. <p>It is possible to set a check of several parameters for a contract by using the IF_PARM_NUMB, IF_PARM<N>, IF_PARM_VALUE<N>, IF_PARM_FOR<N> tags. See the description of the IF_PARM_NUMB tag.</p>
IF_CS_TYPE_FOR	"BILLING" "LIABILITY" "TOP"	<p>The IF_CS_TYPE_FOR tag is used together with IF_CS group tags to redefine the contract for which these checks are made.</p> <ul style="list-style-type: none"> "BILLING" – for the account contract from which settlement is made.

Name	Value	Description
	"BASE" "DOC_SOURCE" "DOC_TARGET" "FROM_DOC" "CONTRACT_ROLE" CONTRACT_ROLE_PARM=<tag name> "LIAB_CATEGORY"	<ul style="list-style-type: none"> • "LIABILITY" – from a higher-ranking contract in a "Liability" hierarchy. • "TOP" – from the top contract in a hierarchy. • "BASE" – from the main contract in a "Main/Sub" hierarchy, with which this contract is related. • "DOC_SOURCE" – for the contract specified in the document's <i>Source Contract</i> (source_contract) field (see the "Doc-Brief" form). • "DOC_TARGET" – for the contract specified in the document's <i>Target Contract</i> (target_contract) field (see the "Doc-Brief" form). • "FROM_DOC" – the contract is taken from the <i>Add Data</i> (add_info) field. • "CONTRACT_ROLE" – for this value, specify the CONTRACT_ROLE=<role code> tag in this field; for example: IF_CS_TYPE_FOR=CONTRACT_ROLE;CONTRACT_ROLE=PAYMENT_LEVEL; . In this case, a search will be made for a contract with the CONTRACT_ROLE=<role code>; tag upward in a Liability hierarchy (in our example, a search for the CONTRACT_ROLE=PAYMENT_LEVEL tag). The check is made for the contract with the specified tag. If no contract with this tag is found in the Liability contract, the top contract in the hierarchy will be selected. • When a search for a contract must be made in a Liability hierarchy according to the value of an arbitrary tag, the CONTRACT_ROLE_PARM=<tag name>; tag must be additionally used in the configuration: For example, when the following settings are specified in the configuration: CONTRACT_ROLE=LEVEL1;CONTRACT_ROLE_PARM=LEVEL; WAY4 will search upward in the Liability hierarchy for a contract with the LEVEL=LEVEL=LEVEL1; tag. The check is made for the contract with the specified tag • "LIAB_CATEGORY" – in this case, a search for a contract will be made upward in a Liability hierarchy within the category/categories set in this field using the LIAB_CATEGORY=<category1>,<category2> tag. Liability category codes, separated by commas, are specified as the LIAB_CATEGORY tag value: "Y" – "Full Liability" category "N" – "Affiliated" category "R" – "Reporting" category "A" – "Only Check Balance" category. For example, when the IF_CS_TYPE_FOR=LIAB_CATEGORY;LIAB_CATEGORY=Y,N; tags are specified, a search is made for the top contract in a "Liability" hierarchy, starting from the current contract within the "Full Liability" ("Y") and "Affiliated" ("N")

Name	Value	Description
		<p>categories. If a contract has no higher-ranking contracts, it will be used. If a higher-ranking contract belongs to another LIAB_CATEGORY, for example "Reporting" ("R")), no move up the hierarchy will be made. I.e. a contract from the middle of the Liability hierarchy will be used, the top one in the "Full Liability" ("Y") and "Affiliated" ("N") categories.</p> <p>It is possible to set a check of several parameters for a contract by using the IF_CS_NUMB, IF_CS_TYPE<N>, IF_CS_VALUE<N>, IF_NOT_CS_VALUE<N>, IF_CS_TYPE_FOR<N>. See the description of the IF_CS_NUMB tag.</p>
IF_CURRENCY_FOR	"BILLING" "LIABILITY" "TOP" "BASE" "DOC_SOURCE" "DOC_TARGET" "FROM_SERVICE" "FROM_DOC" "RELATED" "DOC_TARGET_NUMBER" "CONTRACT_ROLE" CONTRACT_ROLE_PARM=<tag name> "LIAB_CATEGORY"	<p>Redefines the contract for which a check is made using the IF_CURRENCY tag. Possible values:</p> <ul style="list-style-type: none"> • "BILLING" – for the account contract from which settlement is made. • "LIABILITY" – for a higher-ranking contract in a "Liability" hierarchy. • "TOP" – for the top contract in a hierarchy. • "BASE" – for the main contract in a "Main/Sub" hierarchy, with which this contract is related. • "DOC_SOURCE" – for the contract in the <i>Source Contract</i> field of the document (source_contract) of the document (see the "Doc-Brief" form). • "DOC_TARGET" – for the contract in the <i>Target Contract</i> field (target_contract) of the document (see the "Doc-Brief" form). • "FROM_SERVICE" – for the contract specified in the Service (fee_contract, fee_account fields). • "FROM_DOC" – the contract is taken from the document's <i>Add Data</i> field (add_info) according to the tag specified using the CONTRACT_TAG tag in the same field) • "RELATED" – related contract, with the relation specified in the RELATION tag. • "CONTRACT_ROLE" – for this value, specify the CONTRACT_ROLE=<role code> tag in this field; for example: IF_CURRENCY_FOR=CONTRACT_ROLE;CONTRACT_ROLE=PAYMENT_LEVEL;. In this case, a search will be made for a contract with the CONTRACT_ROLE=<role code>; tag upward in a Liability hierarchy (in our example, a search for the CONTRACT_ROLE=PAYMENT_LEVEL tag). The check is made for the contract with the specified tag. If no contract with this tag is found in the Liability contract, the top contract in the hierarchy will be selected. • When a search for a contract must be made in a Liability hierarchy according to the value of an arbitrary tag, the CONTRACT_ROLE_PARM=<tag name>; tag must be additionally used in the configuration: For example, when the following settings are specified in the configuration:

Name	Value	Description
		<p>CONTRACT_ROLE=LEVEL1;CONTRACT_ROLE_PARM=LEVEL; WAY4 will search upward in the Liability hierarchy for a contract with the LEVEL=LEVEL=LEVEL1; tag. The check is made for the contract with the specified tag</p> <ul style="list-style-type: none"> • "LIAB_CATEGORY" – in this case, a search for a contract will be made upward in a Liability hierarchy within the category/categories set in this field using the LIAB_CATEGORY=<category1>,<category2> tag. <p>Liability category codes, separated by commas, are specified as the LIAB_CATEGORY tag value:</p> <p>"Y" – "Full Liability" category "N" – "Affiliated" category "R" – "Reporting" category "A" – "Only Check Balance" category.</p> <p>For example, when the IF_CURRENCY_FOR=LIAB_CATEGORY;LIAB_CATEGORY=Y,N; tags are specified, a search is made for the top contract in a "Liability" hierarchy, starting from the current contract within the "Full Liability" ("Y") and "Affiliated" ("N") categories. If a contract has no higher-ranking contracts, it will be used. If a higher-ranking contract belongs to another LIAB_CATEGORY, for example "Reporting" ("R")), no move up the hierarchy will be made. I.e. a contract from the middle of the Liability hierarchy will be used, the top one in in the "Full Liability" ("Y") and "Affiliated" ("N") categories.</p>
IF_CS_NUMB	<number of additional checks>	<p>Sets the number of additional checks for the IF_CS_TYPE tag. The tag is used together with the IF_CS_TYPE<N>, IF_CS_VALUE<N>, IF_NOT_CS_VALUE<N>, IF_CS_TYPE_FOR<N> tags. I.e. by default the IF_CS_TYPE tag is checked. If the IF_CS_NUMB=<number of additional checks>; tag is set, the specified number of IF_CS_TYPE<N> tags is checked. For example, if IF_CS_NUMB=3;, the IF_CS_TYPE1, IF_CS_TYPE2, IF_CS_TYPE3 tags are checked in addition to the IF_CS_TYPE tag.</p>
IF_PARM_NUMB	<number of additional checks>	<p>Sets the number of additional checks for the IF_PARM tag. The tag is used together with the IF_PARM<N>, IF_PARM_VALUE<N>, IF_PARM_FOR<N> tags. I.e. by default the IF_PARM tag is checked. If the IF_PARM_NUMB=<number of additional checks>; tag is set, the specified number of IF_PARM<N> tags is checked. For example, when IF_PARM_NUMB=3;, the IF_PARM1, IF_PARM2, IF_PARM3 tags are checked in addition to the IF_PARM tag.</p>

Name	Value	Description
IF_COMPARE_FIRST	PARM_<Code> TAG_<Code> CS_<Code>	<p>The IF_COMPARE_FIRST tag together with the IF_COMPARE_SECOND tag sets parameters for comparison. Possible values:</p> <ul style="list-style-type: none"> • PARM_<Code> – the code of the custom parameter for comparison is set in this format. • TAG_<Code> – the code of the tagged parameter for comparison is set in this format. • CS_<Code> – the code of the classifier for comparison is set in this format. <p>There may be no value for the IF_COMPARE_SECOND tag. In this case, the same parameter/classifier specified in the IF_COMPARE_FIRST tag will be checked.</p> <p>The tag is used together with the IF_COMPARE tag.</p> <p>A check of several parameter pairs for a contract can be set with the IF_COMPARE_NUMB, IF_COMPARE<N>, IF_COMPARE_FIRST<N>, IF_COMPARE_SECOND<N> tags. See the description of the IF_COMPARE_NUMB tag.</p>
IF_COMPARE_SECOND	PARM_<Code> TAG_<Code> CS_<Code>	<p>The IF_COMPARE_SECOND tag together with the IF_COMPARE_FIRST tag sets parameters for comparison. Possible values:</p> <ul style="list-style-type: none"> • PARM_<Code> – the code of the custom parameter for comparison is set in this format. • TAG_<Code> – the code of the tagged parameter for comparison is set in this format. • CS_<Code> – the code of the classifier for comparison is set in this format. <p>There may be no value for the IF_COMPARE_SECOND tag. In this case, the same parameter/classifier specified in the IF_COMPARE_FIRST tag will be checked.</p> <p>The tag is used together with the IF_COMPARE tag.</p> <p>A check of several parameter pairs for a contract can be set with the IF_COMPARE_NUMB, IF_COMPARE<N>, IF_COMPARE_FIRST<N>, IF_COMPARE_SECOND<N> tags. See the description of the IF_COMPARE_NUMB tag.</p>
IF_COMPARE_FIRST_FOR	"BILLING" "LIABILITY" "TOP" "BASE" "DOC_SOURCE" "DOC_TARGET"	<p>Redefines the contract for which a check is made using the IF_COMPARE_FIRST tag. Possible values:</p> <ul style="list-style-type: none"> • "BILLING" – for the account contract from which settlement is made. • "LIABILITY" – for a higher-ranking contract in a "Liability" hierarchy. • "TOP" – for the top contract in a hierarchy. • "BASE" – for the main contract in a "Main/Sub" hierarchy, with which this contract

Name	Value	Description
	"FROM_SERVICE" "FROM_DOC" "RELATED" "DOC_TARGET_NUMBER" "CONTRACT_ROLE" CONTRACT_ROLE_PARM=<tag name> "LIAB_CATEGORY"	<p>is related.</p> <ul style="list-style-type: none"> • "DOC_SOURCE" – for the contract in the <i>Source Contract</i> field of the document (source_contract) of the document (see the "Doc-Brief" form). • "DOC_TARGET" – for the contract in the <i>Target Contract</i> field (target_contract) of the document (see the "Doc-Brief" form). • "FROM_SERVICE" – for the contract specified in the Service (fee_contract, fee_account fields). • "FROM_DOC" – the contract is taken from the document's <i>Add Data</i> field (add_info) according to the tag specified using the CONTRACT_TAG tag (in the same field) • "RELATED" – related contract, with the relation specified in the RELATION tag. • "CONTRACT_ROLE" – for this value, specify the CONTRACT_ROLE=<role code> tag in this field; for example: IF_COMPARE_FIRST_FOR=CONTRACT_ROLE;CONTRACT_ROLE=PAYMENT_LEVEL;. In this case, a search will be made for a contract with the CONTRACT_ROLE=<role code>; tag upward in a Liability hierarchy (in our example, a search for the CONTRACT_ROLE=PAYMENT_LEVEL tag). The check is made for the contract with the specified tag. If no contract with this tag is found in the Liability contract, the top contract in the hierarchy will be selected. • When a search for a contract must be made in a Liability hierarchy according to the value of an arbitrary tag, the CONTRACT_ROLE_PARM=<tag name>; tag must be additionally used in the configuration: For example, when the following settings are specified in the configuration: CONTRACT_ROLE=LEVEL1;CONTRACT_ROLE_PARM=LEVEL; WAY4 will search upward in the Liability hierarchy for a contract with the LEVEL=LEVEL=LEVEL1; tag. The check is made for the contract with the specified tag • "LIAB_CATEGORY" – in this case, a search for a contract will be made upward in a Liability hierarchy within the category/categories set in this field using the LIAB_CATEGORY=<category1>,<category2> tag. Liability category codes, separated by commas, are specified as the LIAB_CATEGORY tag value: "Y" – "Full Liability" category "N" – "Affiliated" category "R" – "Reporting" category "A" – "Only Check Balance" category. For example, when the IF_COMPARE_FIRST_FOR=LIAB_CATEGORY;LIAB_CATEGORY=Y,N; tags are

Name	Value	Description
		<p>specified, a search is made for the top contract in a "Liability" hierarchy, starting from the current contract within the "Full Liability" ("Y") and "Affiliated" ("N") categories. If a contract has no higher-ranking contracts, it will be used. If a higher-ranking contract belongs to another LIAB_CATEGORY, for example "Reporting" ("R")), no move up the hierarchy will be made. I.e. a contract from the middle of the Liability hierarchy will be used, the top one in in the "Full Liability" ("Y") and "Affiliated" ("N") categories.</p> <p>A check of several parameter pairs for a contract can be set with the IF_COMPARE_NUMB, IF_COMPARE<N>, IF_COMPARE_FIRST<N>, IF_COMPARE_SECOND<N> tags. See the description of the IF_COMPARE_NUMB tag.</p>
IF_COMPARE_SECOND_FOR	"BILLING" "LIABILITY" "TOP" "BASE" "DOC_SOURCE" "DOC_TARGET" "FROM_SERVICE" "FROM_DOC" "RELATED" "DOC_TARGET_NUMBER" "CONTRACT_ROLE" CONTRACT_ROLE_PARM=<tag name> "LIAB_CATEGORY"	<p>Redefines the contract for which a check is made using the IF_COMPARE_SECOND tag. Possible values:</p> <ul style="list-style-type: none"> • "BILLING" – for the account contract from which settlement is made. • "LIABILITY" – for a higher-ranking contract in a "Liability" hierarchy. • "TOP" – for the top contract in a hierarchy. • "BASE" – for the main contract in a "Main/Sub" hierarchy, with which this contract is related. • "DOC_SOURCE" – for the contract in the <i>Source Contract</i> field of the document (source_contract) of the document (see the "Doc-Brief" form). • "DOC_TARGET" – for the contract in the <i>Target Contract</i> field (target_contract) of the document (see the "Doc-Brief" form). • "FROM_SERVICE" – for the contract specified in the Service (fee_contract, fee_account fields). • "FROM_DOC" – the contract is taken from the document's <i>Add Data</i> field (add_info) according to the tag specified using the CONTRACT_TAG tag in the same field) • "RELATED" – related contract, with the relation specified in the RELATION tag. • "CONTRACT_ROLE" – for this value, specify the CONTRACT_ROLE=<role code> tag in this field; for example: IF_COMPARE_SECOND_FOR=CONTRACT_ROLE;CONTRACT_ROLE=PAYMENT_LEVEL;. In this case, a search will be made for a contract with the CONTRACT_ROLE=<role code>; tag upward in a Liability hierarchy (in our example, a search for the CONTRACT_ROLE=PAYMENT_LEVEL tag). The check is made for the contract with the specified tag. If no contract with this tag is found in the Liability contract, the top contract in the hierarchy will be selected. • When a search for a contract must be made in a Liability hierarchy according to

Name	Value	Description
		<p>the value of an arbitrary tag, the CONTRACT_ROLE_PARM=<tag name>; tag must be additionally used in the configuration: For example, when the following settings are specified in the configuration: CONTRACT_ROLE=LEVEL1;CONTRACT_ROLE_PARM=LEVEL; WAY4 will search upward in the Liability hierarchy for a contract with the LEVEL=LEVEL=LEVEL1; tag. The check is made for the contract with the specified tag</p> <ul style="list-style-type: none"> • "LIAB_CATEGORY" – in this case, a search for a contract will be made upward in a Liability hierarchy within the category/categories set in this field using the LIAB_CATEGORY=<category1>,<category2> tag. <p>Liability category codes, separated by commas, are specified as the LIAB_CATEGORY tag value: "Y" – "Full Liability" category "N" – "Affiliated" category "R" – "Reporting" category "A" – "Only Check Balance" category.</p> <p>For example, when the IF_COMPARE_SECOND_FOR=LIAB_CATEGORY;LIAB_CATEGORY=Y,N; tags are specified, a search is made for the top contract in a "Liability" hierarchy, starting from the current contract within the "Full Liability" ("Y") and "Affiliated" ("N") categories. If a contract has no higher-ranking contracts, it will be used. If a higher-ranking contract belongs to another LIAB_CATEGORY, for example "Reporting" ("R")), no move up the hierarchy will be made. I.e. a contract from the middle of the Liability hierarchy will be used, the top one in in the "Full Liability" ("Y") and "Affiliated" ("N") categories.</p> <p>A check of several parameter pairs for a contract can be set with the IF_COMPARE_NUMB, IF_COMPARE<N>, IF_COMPARE_FIRST<N>, IF_COMPARE_SECOND<N> tags. See the description of the IF_COMPARE_NUMB tag.</p>
IF_COMPARE_NUMB	<number of additional checks>	<p>The tag sets the number of additional checks for IF_COMPARE_FIRST, IF_COMPARE_SECOND parameter pairs. I.e. if the IF_COMPARE tag is set, the IF_COMPARE_FIRST and IF_COMPARE_SECOND tags are checked. if IF_COMPARE_NUMB=<number of additional checks>; is set, the specified number of IF_COMPARE<N>, IF_COMPARE_FIRST<N>, IF_COMPARE_SECOND<N> tag sets will be checked.</p>
EMPTY_HB_VAL	OK	<p>The tag is used together with the HB_CODE and HB_PARM tags. When this tag is specified, a condition will be considered to have been met if the analysed field in the document is not filled in, or if the tag is not present. For more information, see</p>

Name	Value	Description
		the section "Using "Custom Handbooks" to configure Preferred Counterparty Parameters" of the document "Preferred Counterparties".
EXC_SIC_GROUP_LIST	<SIC-group code1>,<SIC-group code2>, ...,<SIC-group codeN>	If a document's SIC code (MCC code) is included in this group, the preferred counterparty does not meet search conditions. I.e. The counterparty will be active for all merchant categories except those included in this group. Group codes (the value of the <i>Group Code</i> field in the "SIC Groups" form (Full → Configuration Setup → Main Tables → SIC Groups)) are separated by commas.
IF_DATE	"CLIENT.BIRTH_DATE" "CLIENT.DATE_EXPIRE" "CLIENT.DATE_OPEN" "CLIENT.ADD_DATE_01" "CLIENT.ADD_DATE_02" "CONTRACT.FIRST_ACTIVITY_DATE" "CONTRACT.DATE_OPEN" "CONTRACT.LAST_BILLING" "CONTRACT.NEXT_BILLING" "CONTRACT.DATE_EXPIRE" "CONTRACT.CARD_EXPIRE"	<p>IF_DATE group tags make it possible to configure actions (in this case, a preferred counterparty will meet filtering conditions when the date is checked successfully) depending on contract/client dates. Contract/client dates can be compared with other dates (contract, client dates, system date, current banking date). Periods between dates can be checked according to various conditions.</p> <p>The IF_DATE tag sets the code of the date being checked, or the code of the date being compared with another date.</p> <p>Date codes can be contract/client dates specified in the following contract table (CONTRACT) or client table (CLIENT) fields:</p> <ul style="list-style-type: none"> • "CLIENT.BIRTH_DATE" – a check is made according to the BIRTH_DATE field of the client's record • "CLIENT.DATE_EXPIRE" – a check is made according to the DATE_EXPIRE field of the client's record • "CLIENT.DATE_OPEN" – a check is made according to the DATE_OPEN field of the client's record (date on which the client was registered in the DB) • "CLIENT.ADD_DATE_01" – a check is made according to the ADD_DATE_01 field of the client's record • "CLIENT.ADD_DATE_02" – a check is made according to the ADD_DATE_02 field of the client's record • "CONTRACT.FIRST_ACTIVITY_DATE" – a check is made according to the FIRST_ACTIVITY_DATE field of the contract's record • "CONTRACT.DATE_OPEN" – a check is made according to the DATE_OPEN field of the contract's record • "CONTRACT.LAST_BILLING" – a check is made according to the LAST_BILLING field of the contract's record • "CONTRACT.NEXT_BILLING" – a check is made according to the NEXT_BILLING field of the contract's record • "CONTRACT.DATE_EXPIRE" – a check is made according to the DATE_EXPIRE field of the contract's record

Name	Value	Description
		<ul style="list-style-type: none"> • "CONTRACT.CARD_EXPIRE" – a check is made according to the CARD_EXPIRE field of the contract's record <p>The tag is used together with the IF_DATE_VALUE and IF_DATE_FOR tags. A check of several dates for a client/contract can be set using the IF_DATE_NUMB, IF_DATE<N>, IF_DATE_VALUE<N> and IF_DATE_FOR<N> tags. See the description of the IF_DATE_NUMB tag.</p>
IF_DATE_VALUE	"EMPTY" "NOT_EMPTY" <Rule><Base Date Code><Period Rule>	<p>The IF_DATE_VALUE tag sets rules for checking the date specified with the IF_DATE tag.</p> <p>Tag values:</p> <ul style="list-style-type: none"> • "EMPTY" – the condition is met if the field for the date set with the IF_DATE field is not filled in. • "NOT_EMPTY" – the condition is met if the field for the date set with the IF_DATE field is filled in. The field value is not checked. • The tag value can be composite and set in the following format (components are listed without delimiters): IF_DATE_VALUE=<Rule><Base Date Code><Period Rule>;, where: <ul style="list-style-type: none"> ▪ <Rule> – comparison rule. Possible values: <ul style="list-style-type: none"> ♦ "<" – less than ♦ ">" – greater than ♦ "<=" – less than or equal to ♦ ">=" – greater than or equal to ♦ If a comparison rule (<Rule>) is not set, the date is checked for matching (for the "=" value). ▪ <Base Date Code> – code of the date with which the date from the IF_DATE tag is compared. Possible values: <ul style="list-style-type: none"> ♦ Values that are described for the IF_DATE tag can be specified (i.e. dates from the contract or client table). ♦ "LDATE" – current banking date of the contract's financial institution ♦ "DB_DATE" – system (calendar) data (the system date is used without time) ▪ <Period Rule> – period that should be added or subtracted from the <Base Date Code> date. Set in the format <sign> <number of units> <period unit of measurement>, where <ul style="list-style-type: none"> ♦ <sign> – "+" or "-" (sign for adding or subtracting the specified period) ♦ <number of units> – number of days/months/years (see below) ♦ <period unit of measurement> – "D" (days), "M" (months), "Y" (years). Only one value can be set (i.e. one type of period is set in the tag). ♦ If the period <Period Rule> is not set, the two specified dates are compared

Name	Value	Description
		<p>according to the condition <Rule>.</p> <p>The tag is used together with the IF_DATE and IF_DATE_FOR tags.</p> <p>A check of several dates for a client/contract can be set using the IF_DATE_NUMB, IF_DATE<N>, IF_DATE_VALUE<N>, and IF_DATE_FOR<N> tags. See the description of the IF_DATE_NUMB tag.</p> <p>Examples of checks:</p> <p>Check of whether a client is already 40 years old: IF_DATE=CLIENT.BIRTH_DATE;IF_DATE_VALUE=<=<DB_DATE-40Y;</p> <p>Check that a card has not expired: IF_DATE=CONTRACT.CARDS_EXPIRE;IF_DATE_VALUE=>=DB_DATE;</p> <p>Check that a card expires after a month: IF_DATE=CONTRACT.CARD_EXPIRE;IF_DATE_VALUE=<=<DB_DATE+1M;</p>
IF_DATE_FOR	"BILLING" "LIABILITY" "TOP" "BASE" "DOC_SOURCE" "DOC_TARGET" "FROM_DOC" "CONTRACT_ROLE" CONTRACT_ROLE_PARM=<tag name> "LIAB_CATEGORY"	<p>The IF_DATE_FOR tag is used together with the IF_DATE/IF_DATE_VALUE tags to redefine the contract/client for which the check is being made.</p> <p>Note. If the IF_DATE tag is used to check a date from the client table, first a search is made for a contract according to the IF_DATE_FOR tag, and then this date is checked for the corresponding client. Possible values for the IF_DATE_FOR tag:</p> <ul style="list-style-type: none"> • "BILLING" – the check is made for the account contract used for settlement. • "LIABILITY" – the check is made for the higher ranking contract in the Liability hierarchy. • "TOP" – the check is made for the top contract in the hierarchy. • "BASE" – the check is made for the main contract in a "Main/Sub" hierarchy, with which this contract is related. • "DOC_SOURCE" – the check is made for the contract specified in the <i>Source Contract</i> (source_contract) field of the document (see the form "Doc-Brief") • "DOC_TARGET" – the check is made for the contract specified in the <i>Target Contract</i> (target_contract) field of the document (see the form "Doc-Brief") • "FROM_DOC" – the check is made for the contract from the <i>Add Data</i> (add_info) field of the document according to the tag specified with the CONTRACT_TAG tag (in the same field) • "CONTRACT_ROLE" – for this value, specify the CONTRACT_ROLE=<role code> tag in this field; for example: IF_PARM_FOR=CONTRACT_ROLE;CONTRACT_ROLE=PAYMENT_LEVEL;. In this case, a search will be made for a contract with the CONTRACT_ROLE=<role code>; tag upward in a Liability hierarchy (in our example, a search for the CONTRACT_ROLE=PAYMENT_LEVEL tag). The check is made for the contract with the specified tag. If no contract with this tag is found in the Liability contract,

Name	Value	Description
		<p>the top contract in the hierarchy will be selected.</p> <ul style="list-style-type: none"> • When a search for a contract must be made in a Liability hierarchy according to the value of an arbitrary tag, the CONTRACT_ROLE_PARM=<tag name>; tag must be additionally used in the configuration: For example, when the following settings are specified in the configuration: CONTRACT_ROLE=LEVEL1;CONTRACT_ROLE_PARM=LEVEL; WAY4 will search upward in the Liability hierarchy for a contract with the LEVEL=LEVEL=LEVEL1; tag. The check is made for the contract with the specified tag • "LIAB_CATEGORY" – in this case, a search for a contract will be made upward in a Liability hierarchy within the category/categories set in this field using the LIAB_CATEGORY=<category1>,<category2> tag. Liability category codes, separated by commas, are specified as the LIAB_CATEGORY tag value: "Y" – "Full Liability" category "N" – "Affiliated" category "R" – "Reporting" category "A" – "Only Check Balance" category. For example, when the IF_PARM_FOR=LIAB_CATEGORY;LIAB_CATEGORY=Y,N; tags are specified, a search is made for the top contract in a "Liability" hierarchy, starting from the current contract within the "Full Liability" ("Y") and "Affiliated" ("N") categories. If a contract has no higher-ranking contracts, it will be used. If a higher-ranking contract belongs to another LIAB_CATEGORY, for example "Reporting" ("R")), no move up the hierarchy will be made. I.e. a contract from the middle of the Liability hierarchy will be used, the top one in in the "Full Liability" ("Y") and "Affiliated" ("N") categories. <p>A check of several dates for a client/contract can be specified using the IF_DATE_NUMB, IF_DATE<N>, IF_DATE_VALUE<N>, and IF_DATE_FOR<N> tags. See the description of the IF_DATE_NUMB tag.</p>
IF_DATE_NUMB	<number of additional checks>	<p>The tag sets the number of additional checks for the IF_DATE tag. The tag is used together with the IF_DATE<N>, IF_DATE_VALUE<N>, and IF_DATE_FOR<N> tags. I.e. by default, the IF_DATE tag is checked. If the IF_DATE_NUMB=<number of additional checks>; tag is set, the specified number of IF_DATE<N> tags is checked. For example, when IF_DATE_NUMB=3; in addition to the IF_DATE tag, the IF_DATE1, IF_DATE2, and IF_DATE3 tags are checked.</p>
Tags in the <i>Merchant Name</i> field of preferred counterparties:		

Name	Value	Description
MI	<Merchant_Id>	This parameter is used to search for (check) a preferred counterparty by Merchant ID. All transactions with a specified value of a document's <i>Merchant_Id</i> field will be made under this condition.