



Operation Manual

Special Contract Utilities

03.50.30

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Special Contract Utilities are special utilities for working with contracts in WAY4™. Users must be highly qualified to work with these utilities, since their injudicious use may result in system malfunction.

This document is intended for bank or processing centre employees working with client contracts.

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

- "Issuing Module. Operation Manual"
- "Acquiring Module. Operation Manual"
- "DB Manager Manual"
- "Dictionaries"
- "Authorisation System"
- "Documents".

The following notation is used in the document:

- Screen form field names 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.
- Values such as directory and file names and file paths that vary for each local computer are shown in angular brackets, as in <OWS_HOME>.

Warnings and information messages 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. Restructuring a Contract Hierarchy (Issuing Module)

The system allows a higher-ranking contract to be assigned to a contract without a parent contract, and a different parent contract to be assigned to a subcontract.

1.1 Assigning a higher-ranking contract

These actions are performed through the "Full → DB Administrator Utilities → Special Contract Utilities → Move Contract Tree" menu item.

For issuing module contracts, this action can be performed through the menu item "Issuing → Contracts Input & Update → Move Iss Contract Tree".

If a new parent contract is assigned to a child contract, the parameters of the child contract, such as the authorisation scenario, are kept in its new hierarchical structure.

If a contract without a parent contract is assigned a higher-ranking contract, the value of the authorisation scenario for the new child contract will be "Check".

Selecting the "Full → DB Administrator Utilities → Special Contract Utilities → Move Contract Tree" menu item opens the "Move Contract Tree" form. This form contains all contracts available for working with the given client category (see Fig.1).

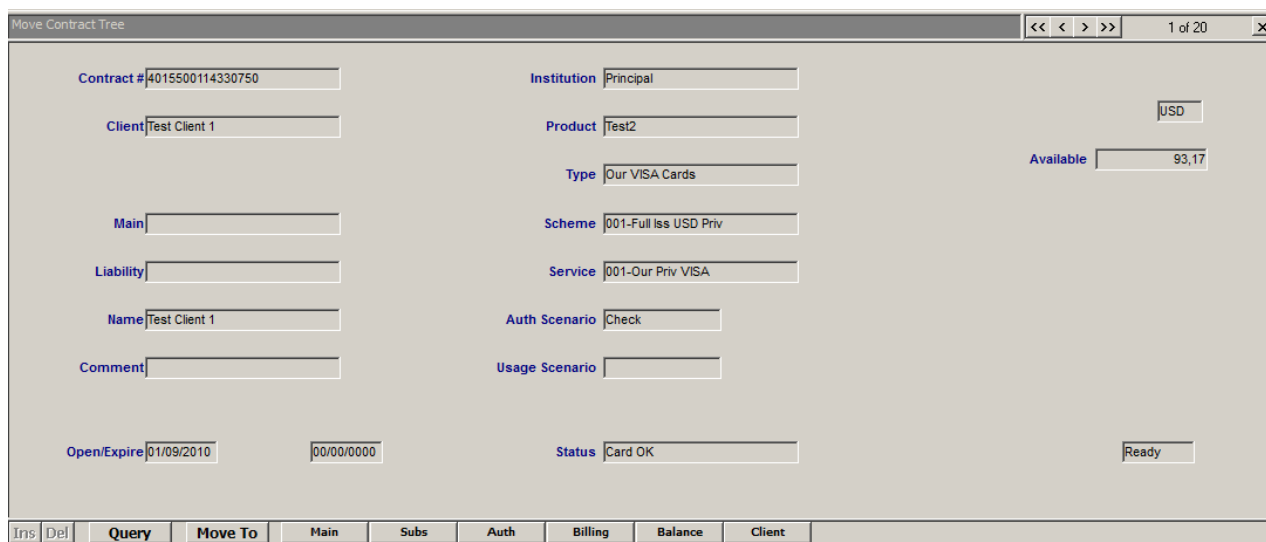


Fig. 1. Form for selecting a contract when restructuring hierarchies

After selecting an appropriate contract in this form, click the [Move To] button. This will open the "Set Contract" form (see Fig. 2). In the form's New Parent Contract field, specify a new parent contract for the selected contract and click the [Proceed] button.



Fig. 2. Form for specifying a new higher-ranking contract

If the procedure for assigning a higher-ranking contract to this contract fails, the actions taken to restructure the contract hierarchy will be cancelled.



Note that this functionality allows the creation of inadmissible contract hierarchies; for example, an account contract subordinate to a card contract, so caution is strongly recommended when using this function to create contract hierarchies.

When restructuring a contract hierarchy, a higher-ranking contract belonging to another financial institution can be assigned to a contract (a contract tree).



Note that this operation does not contain restrictions for moving contracts within one "Clearing in" institution. When moving a contract to another financial institution and changing the Product, a Product that is completely identical to the original one must be specified. Otherwise, this may result in incorrect normalisation, interest accrual, etc.

1.2 Assigning a Higher-Ranking Issuing Contracts to Independent Card Contract (iss mod)

Since WAY4 uses the main contract account in the hierarchy for accounting purposes, the main contract's account balance must be corrected in the new hierarchy when a parent contract is assigned to an independent contract (incorporated into the hierarchical structure).

To correct the main contract's balances, select the "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Balances for Contracts" menu item, for more information, see the section "Recalculating Balance Type Values" of the document "Balance Types".

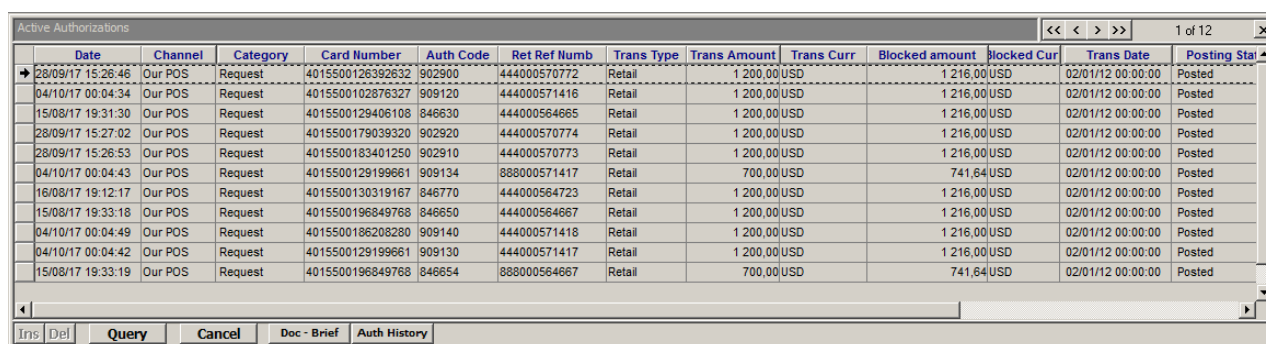
When an independent card contract is moved to an issuing contract with the "Move Iss Contract Tree" utility ("Issuing → Contracts Input & Update → Move Iss Contract Tree"), account balances are synchronised automatically.

2. Working with Active Blocking of Contract Funds

Contract funds blocked after processing authorisation or financial documents can be unblocked manually in WAY4.

2.1 Unblocking funds blocked after processing authorisation documents

The list of all authorization documents with funds blocked in client contracts is shown in the "Active Authorizations" form, menu item "Full → DB Administrator Utilities → Special Contract Utilities → Active Authorizations" (see Fig. 3)



Date	Channel	Category	Card Number	Auth Code	Ret Ref Num	Trans Type	Trans Amount	Trans Curr	Blocked amount	Blocked Cur	Trans Date	Posting Stat
28/09/17 15:26:46	Our POS	Request	4015500126392632	902900	444000570772	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
04/10/17 00:04:34	Our POS	Request	4015500102876327	909120	444000571416	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
15/08/17 19:31:30	Our POS	Request	4015500129406108	846630	444000564665	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
28/09/17 15:27:02	Our POS	Request	4015500179039320	902920	444000570774	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
28/09/17 15:26:53	Our POS	Request	4015500183401250	902910	444000570773	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
04/10/17 00:04:43	Our POS	Request	4015500129199661	909134	888000571417	Retail	700,00 USD		741,64 USD		02/01/12 00:00:00	Posted
16/08/17 19:12:17	Our POS	Request	4015500130319167	846770	444000564723	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
15/08/17 19:33:18	Our POS	Request	4015500196849768	846650	444000564667	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
04/10/17 00:04:49	Our POS	Request	4015500186208280	909140	444000571418	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
04/10/17 00:04:42	Our POS	Request	4015500129199661	909130	444000571417	Retail	1 200,00 USD		1 216,00 USD		02/01/12 00:00:00	Posted
15/08/17 19:33:19	Our POS	Request	4015500196849768	846654	888000564667	Retail	700,00 USD		741,64 USD		02/01/12 00:00:00	Posted

Fig. 3 List of active blockings generated as a result of authorizations

The authorization documents shown in this list have the following parameters: Service Class="Transaction", Is Authorization="Yes", Posting Status="Posted" or "Inactive". In addition, records for these authorizations exist in the Credit_History table – active blockings that change the contract amount available (Credit Status="Active").

The "Active Authorizations" form also shows the authorization document chain. The *Add Info* field of the final authorization document will contain the BLK_BASE tag which specifies the total value for all authorization documents in the chain. For all authorization documents in the chain, the *Current Conditions* field of the Credit_History table will contain the MOVED_FROM tag whose value contains the identifier of the final authorization document.

"Active Authorizations" form fields and their possible values are described in the ["Authorisation information"](#) section of the document "Customer Service User Manual".

Active blockings can be viewed by opening the "Auth History" form (the Credit_History table) using the [Auth History] button in the "Active Authorizations" form (see Fig. 3). The list of possible values for the types and statuses of an authorization message that is responsible for changing a contract's amount available can be found in the "Changing a Contract's Amount Available" section of the "WAY4™ Authorisation Subsystem" document.

To unblock funds, select the appropriate authorization document in the "Active Authorizations" form and click the [Cancel] button. As a result, the authorization document will get Posting Status = "Closed", and funds blocking will be cancelled.

2.2 Unblocking funds blocked after processing financial documents

If it is necessary to manually unblock contract funds blocked as a result of processing "When available" financial documents, use the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Cancel WhenAvailable Docs".

A grid form with the list of financial documents that caused funds to be blocked in contract accounts will be displayed (see Fig. 4).

Cancel WhenAvailable Docs						<< < > >>	1 of 5	X
	Target Number	Trans Type	Trans Details	Trans Curr	Trans Amount	Posting Status		
→	4015503861975785	My WhenCredit Fee		USD	81,34	Processed		
	4015503861975785	My WhenCredit Fee		USD	81,34	Processed		
	4015506401506507	My WhenCredit Fee		USD	81,34	Processed		
	4015503734424482	My WhenCredit Fee		USD	81,34	Processed		
	4015506401506507	My WhenCredit Fee		USD	81,34	Processed		
Ins	Del	Query	Cancel W/A	Errors	Full Info	Auth Record		

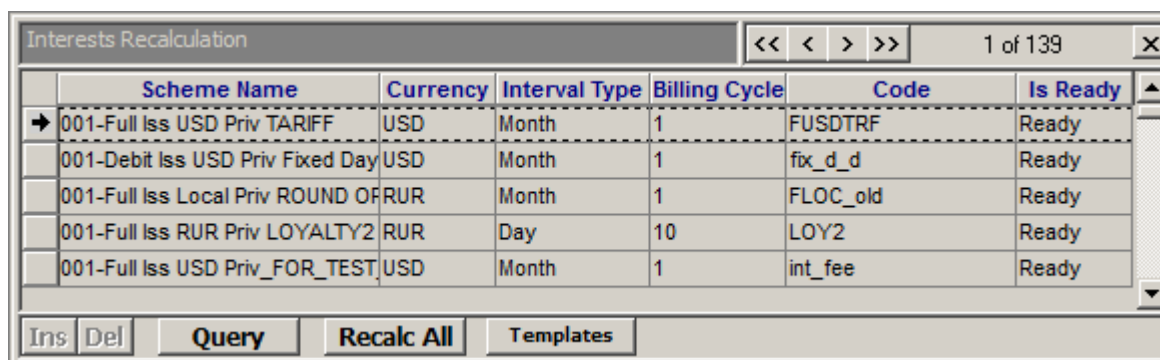
Fig. 4 List of financial documents that caused blocking of funds in contract accounts

In this form, select the required document and click the [Cancel W/A] button to unblock funds in the accounts. This document will get Posting Status = "Closed", and blocking of funds will be cancelled, i.e. the respective amount will not be debited from the contract accounts.

3. Backdating Interest Recalculation for Contract Accounts

It is possible to backdate recalculation of interest for contract accounts. For example, if a new interest rate should be applied from June 20, and changes to the interest rate are entered into the Account Scheme on June 23.

To recalculate, select the user menu item "Full → DB Administrator Utilities → Special Contract Utilities → Interests Recalculation". The "Interests Recalculation" form will appear (see Fig. 5).



	Scheme Name	Currency	Interval Type	Billing Cycle	Code	Is Ready
→	001-Full Iss USD Priv TARIFF	USD	Month	1	FUSDTRF	Ready
	001-Debit Iss USD Priv Fixed Day	USD	Month	1	fix_d_d	Ready
	001-Full Iss Local Priv ROUND OF	RUR	Month	1	FLOC_old	Ready
	001-Full Iss RUR Priv LOYALTY2	RUR	Day	10	LOY2	Ready
	001-Full Iss USD Priv_FOR_TEST	USD	Month	1	int_fee	Ready

Buttons: Ins, Del, Query, Recalc All, Templates

Fig.5 "Interests Recalculation" form

The "Interests Recalculation" form contains a list of the Account Schemes registered in WAY4 for issuing contracts.

To recalculate interest for all a particular Scheme's account templates, do as follows:

- Specify the new interest rate value in the templates of the corresponding Account Scheme, using standard tools (for example, the menu item "Full → Configuration Setup → Products → Account Schemes").
- Select the Account Scheme from the list in the "Interests Recalculation" form (see Fig. 6).
- Click the [Recalc All] button in the "Interests Recalculation" form (see Fig. 5), and in the window that opens (see Fig. 6) specify the date from which the interest rate set in this Account Scheme's templates should be applied and click the [Proceed] button.



Date From

Date From: 01/10/2017

Buttons: Cancel, Proceed

Fig.6 Entering the date from which the interest rate should be applied

After the [Proceed] button is clicked, interest will be recalculated for all accounts created according to the templates of this Account Scheme.

To recalculate interest for the accounts of a particular template, in the "Interests Recalculation" form, click the [Templates] button. A form containing a list of Account Scheme templates will open (see Fig. 7).

Templates for 001-Full Iss USD Priv TARIFF							<< < > >>		1 of 10		b x						
→	Interest Rate	Is Ready	Grace Period	Due Period	Repayment %	Min Repayment	Interest Fee	Currency	Account Name								
	0,00	Ready	0	0	0,00	0,00	0,00	USD	Dispute								
	10,00	Ready	0	0	0,00	0,00	0,00	USD	CI Deposit								
	5,00	Ready	0	3	0,00	0,00	0,00	USD	CI Deposit Int								
	20,00	Ready	0	0	50,00	0,00	0,00	USD	CI Loan								
	0,00	Ready	0	0	0,00	0,00	0,00	USD	CI Loan Int								
	30,00	Ready	0	0	100,00	0,00	0,00	USD	CI OVL								
	40,00	Ready	0	0	0,00	0,00	0,00	USD	CI OVD								
	20,00	Ready	2	10	0,00	0,00	0,00	USD	CI Paym Due								
	10,00	Ready	0	0	0,00	0,00	0,00	USD	CI Sec Deposit								
	30,00	Ready	2	10	0,00	0,00	0,00	USD	CI OVL Paym Due								
Ins Del												Query		Recalc		Full Info	

Fig. 7 Recalculating interest for a specific template's accounts

In this form, select the desired template and click the [Recalc] button. In the window that opens (see Fig. 6) specify the date from which the interest rate set in this template should be applied, and click the [Proceed] button. Interest will be recalculated for all accounts created according to this template.

4. Predicting a Contract Balance

It is possible to predict a contract balance for a specific date in the future. Calculation is made considering the current balance and current Account Scheme settings.

Balance prediction is not supported for contracts with the "Liability" hierarchy type.



If the TRACE_ON tag is set in a contract for which Balance Prediction is called (CDU, contract replenishment), or if Balance Prediction is called in a test system, information about processes for this contract is saved in the the process log, and all messages for these processes are recorded to the message log (PROCESS_MESS) in trace mode.

For calculation, select the user menu item "Full → DB Administrator Utilities → Special Contract Utilities → Issuing Contracts - Balance Prediction". The "Issuing Contracts – Balance Prediction" form will open (see Fig. 8).

Issuing Contracts - Balance Prediction										<< < > >>		3 of 3	✕
Contract #	Contract Name	Liab Category	Contract Type	Open	Status	Curr	Credit Limit	Available	Is Ready				
4015033755854391	Top Level [4015033755854391]		Our VISA Cards	02/02/2008	Card OK	USD	10 000,00	10 055,15	Ready				
4015036172015439	Top Level [4015036172015439]		Our VISA Cards	21/12/2015	Card OK	USD	120 000,00	119 991,00	Ready				
→ 4015500564695439	Top Level [4015500564695439]		Our VISA Cards - Pens-local	01/01/2012	Card OK	USD	100 000,00	94 942,63	Ready				

Fig.8 Balance prediction form

The "Issuing Contracts – Balance Prediction" form contains a list of issuing contracts registered in WAY4.

To predict a balance, select the desired contract and click the [Prediction] button.

In the "Contracts - Prediction Parameters" form that opens (see Fig. 9) the following field values will be generated automatically:

- *Date* – planned loan debt payment date for the contract (*Due Date*).
- *Amount* – total amount due (*Current Due* + *Past Due*).

Specify the following in the form:

- *Prediction on date* – date for which the contract's balance will be predicted.
- *Choice* – indicates whether it should be considered that a mandatory payment (amount in the Amount field) will be made on the planned date (value in the *Date* field).

Click the [Proceed] button.

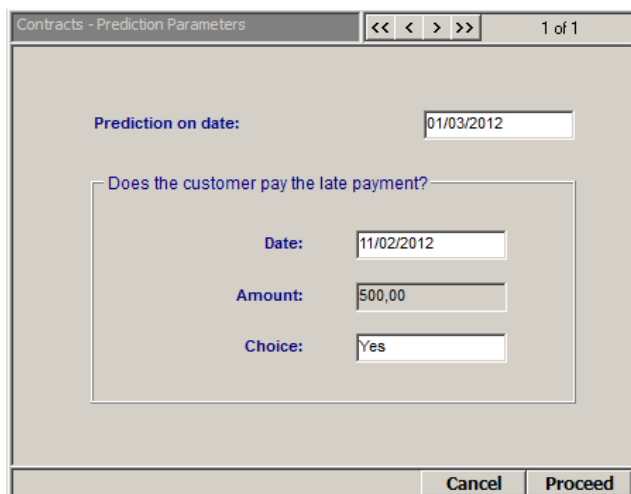


Fig.9 Selecting a date for a balance prediction

Prediction results can be viewed by clicking the [Log] button in the "Issuing Contracts – Balance Prediction" form (see Fig. 8). Clicking this button opens the "Log for <client name>" process log (see Fig. 10). Click the [Messages] button in this form for the "Acnt balance prediction" process.



Process Name	Started	Finished	Status	Parameters	Bank Date	Started By	Stopped By	rrent Numl	Last Updated	Number Of	Parent Process	Object Type	Object Id	Error Level	System Instance
Acnt balance prediction	18/10/17 15:33:25	18/10/17 15:33:27	Closed	401550	5439	01/02/2012	DEMCO	0	18/10/17 15:33:27	0		ACNT_CONT	6088790	Error	gal5a@oad2

Fig. 10 Form with information about processes

Information about the contract balance being predicted will be shown in the "Messages for Acnt balance prediction" form (see Fig. 11).

In the process of prediction, banking days for this contract are subsequently closed until the date up to which the balance is being calculated ("Date To"). No operations (transactions or payments) with this contract for this period are assumed, however regular fees are recorded.

A balance is predicted with the custom procedure CUST_STATE_STR_TO_LOG (db\scripts\oracle\install\lowsowner\cust). The procedure logs the contract state resulting from closing days to the "Date To" date. The contract identifier is the procedure's input parameter. A technical payment to the contract is made to calculate the amount for payment (ToPay). The technical payment is made based on the following global parameter values:

- PREDICTION_MAX_AMOUNT – technical amount used by the procedure when calculating the amount to be paid for a specific date. The default value is 1000000000.
- PREDICTION_MSG_CODE – type of document created by this technical payment. The default value is "PAYACC".
- PREDICTION_SOURCE – bank contract from which the amount of the technical payment is credited to the client's account. The default value is "001-TELLER".

In the standard version of the procedure, the following information is recorded in the Process Log (see Fig. 11):

- *Contract* – contract number.
- *Date* – date of the last day closed in prediction.
- *Currency* – contract currency.
- *Total Balance* – expected balance.

- *Credit Limit* – credit limit.
- *Total limit* – amount of the permanent credit limit and additional authorisation limit (Credit Limit+Additional limit).
- *To Pay* – amount due (payment amount for full repayment of debt).
- *To Pay Closure* – amount for full repayment of debt when closing the contract. If the balance is predicted for a later date than the scheduled payment date (Due Date), but in the same billing cycle, the amount of interest calculated may be larger than the amount recorded in *To Pay*. For example, the amount for full repayment is calculated on the contract's closing date, but after the last CDU procedure ("Contracts Daily Update") interest will be additionally charged. The amount calculated in the *To Pay Closure* field includes this debt.
- *Accounts* – information for each of the contract's accounts on the date of calculating the expected balance:
 - *Account Name* – account type name.
 - *Currency* – account currency.
 - *Balance* – account balance.
 - *Int Rate* – interest rate.
 - *Interest* – predicted interest.
 - *Interest Fee* – penalties.
 - *Balance After Closure* – account balance amount after the contract has been closed.
- *Total Interest* – total amount of interest in the contract currency (*Interest* + *Interest Fee*).

Messages for Acnt balance prediction									
ID	Message Title						Type	Date	Object Type
114090630	Started						Information	30/05/18 11:52:41	ACNT_CONTRACT
114090635	Contract 0001-P-024750						Information	30/05/18 11:52:43	
114090636	Date	2015-06-25					Information	30/05/18 11:52:43	
114090637	Currency	810					Information	30/05/18 11:52:43	
114090638	Total Balance	-500.00					Information	30/05/18 11:52:43	
114090639	Credit limit	10 000.00					Information	30/05/18 11:52:43	
114090640	Total limit	10 000.00					Information	30/05/18 11:52:43	
114090641	To Pay	500.00					Information	30/05/18 11:52:43	
114090642	To Pay Closure	1 000.00					Information	30/05/18 11:52:43	
114090643	Accounts						Information	30/05/18 11:52:43	
114090644	Account Name	Currency	Balance	Int Rate	Interest	Interest Fee	Balance After Closure	Information	30/05/18 11:52:43
114090645	CI Loan	810	-31.25	0.00%	0.00	0.00	-15.62	Information	30/05/18 11:52:43
114090646	Past Due 05	810	-468.75	0.00%	0.00	0.00	-468.75	Information	30/05/18 11:52:43
114090647	Total Interest=Interest+Interest fee: 0.00						Information	30/05/18 11:52:43	
114090648	Successfully Completed						Information	30/05/18 11:52:43	ACNT_CONTRACT
114090649	Ended, processed 0 records						Information	30/05/18 11:52:43	ACNT_CONTRACT
Query	Msg Desc	Full Info							

Fig.11 Balance calculation results



If contract information shown in the log must be changed, the custom procedure CUST_STATE_STR_TO_LOG can be edited; in this case, it is recommended to contact the WAY4 vendor.

5. Limit Normalization

Limit normalization rules are determined using the `ONLINE_NORMALIZATION` global parameter. By default (`ONLINE_NORMALIZATION="Y"`), account normalization is performed in the process of posting macrotransactions.

Otherwise (`ONLINE_NORMALIZATION="N"`), normalization is performed either during the contracts daily update procedure (see "Contracts Daily Update Procedure" of the document "Daily Procedures") or using the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Limit Normalization".

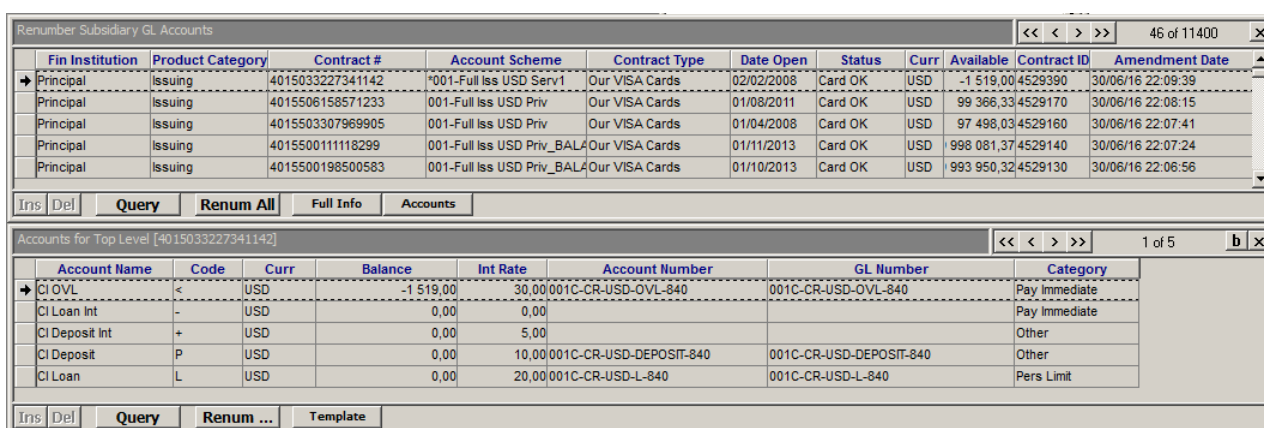
The menu item "Full → DB Administrator Utilities → Special Contract Utilities → Limit Normalization" calls the normalization procedure.

The selection for the procedure includes main contracts with a value other than "Close" in the `is_ready` field (without higher-ranking contracts in a "Main/Sub" hierarchy), and all contracts in a "Liability" hierarchy that meet the same conditions as main contracts (`amnd_state = 'A'` and `acnt_contract__oid` is null and `is_ready='Y'`).

6. Changing Subsidiary GL Account Numbers using the "Renumber Subsidiary GL Account" procedure

For a detailed description of methods for changing contract account numbers, see the section "Changing Account Numbers" of the document "WAY4™ Accounting" document.

A subsidiary GL account number for a contract account can be changed in the "Renumber Subsidiary GL Accounts" form, menu item "Full → DB Administrator Utilities → Special Contract Utilities → Renumber Subsidiary GL Account" (see Fig. 13).



Fin Institution	Product Category	Contract #	Account Scheme	Contract Type	Date Open	Status	Curr	Available	Contract ID	Amendment Date
Principal	Issuing	4015033227341142	*001-Full Iss USD Serv1	Our VISA Cards	02/02/2008	Card OK	USD	-1 519,00	4529390	30/06/16 22:09:39
Principal	Issuing	401506158571233	001-Full Iss USD Priv	Our VISA Cards	01/08/2011	Card OK	USD	99 366,33	4529170	30/06/16 22:08:15
Principal	Issuing	401503307969905	001-Full Iss USD Priv	Our VISA Cards	01/04/2008	Card OK	USD	97 498,03	4529160	30/06/16 22:07:41
Principal	Issuing	4015500111118299	001-Full Iss USD Priv_BALA	Our VISA Cards	01/11/2013	Card OK	USD	998 081,37	4529140	30/06/16 22:07:24
Principal	Issuing	4015500198500583	001-Full Iss USD Priv_BALA	Our VISA Cards	01/10/2013	Card OK	USD	993 950,32	4529130	30/06/16 22:06:56

Account Name	Code	Curr	Balance	Int Rate	Account Number	GL Number	Category
CI OVL	<	USD	-1 519,00	30,00	001C-CR-USD-OVL-840	001C-CR-USD-OVL-840	Pay Immediate
CI Loan Int	-	USD	0,00	0,00			Pay Immediate
CI Deposit Int	+	USD	0,00	5,00			Other
CI Deposit	P	USD	0,00	10,00	001C-CR-USD-DEPOSIT-840	001C-CR-USD-DEPOSIT-840	Other
CI Loan	L	USD	0,00	20,00	001C-CR-USD-L-840	001C-CR-USD-L-840	Pers Limit

Fig.13 "Renumber Subsidiary GL Accounts" form

The [Renum All] button is used to apply to all accounts of the contract selected in the "Renumber Subsidiary GL Account" form numeration rules according to a custom procedure and account template parameters.

Contract accounts are shown in the "Accounts" form opened by clicking the [Accounts] button.

In the "Accounts for..." form:

- The [Renum] → [Renum By Default] button works in the same way as the [Renum All] button, but applies numeration rules to a specific contract account according to a custom procedure and account template parameters.



If *Aggregate GL For=Sub GL* is specified in the account template, when [Renum By Default] is run, the GL and subsidiary GL numbers will be changed to the values from the account template.

- The [Renum] → [Set New Account Number] button is used to manually specify the subsidiary GL account number for a selected contract account. Clicking this button opens a form where the account number should be entered and the [Proceed] button clicked (see Fig. 14).

Renum Account Number

New Account Number

Cancel

Proceed

Fig.14 Form for entering a subsidiary GL account number

7. Recalculating Contract Balance Types for an Account Scheme

Balance types are recalculated for a specific Account Scheme in the "Recalc Balance by Account Scheme" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Balance by Account Scheme" (see Fig.15).

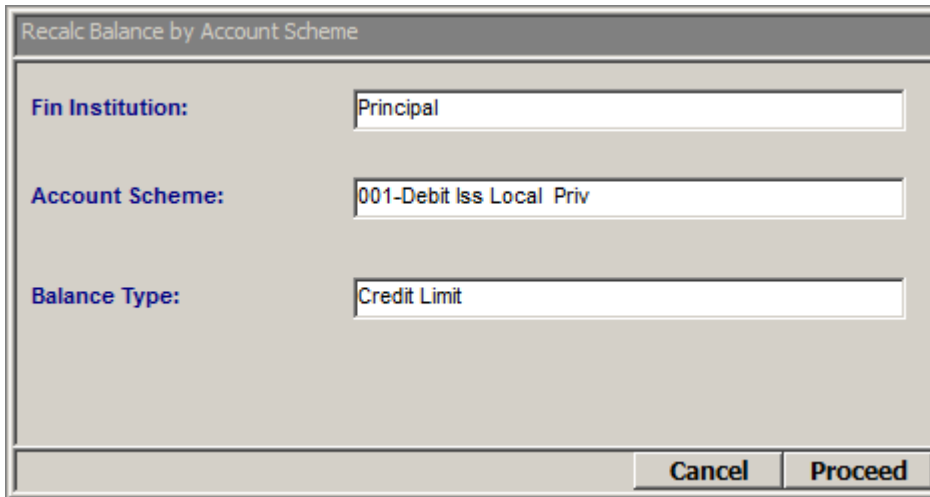


Fig. 15 "Recalc Balance by Account Scheme" form

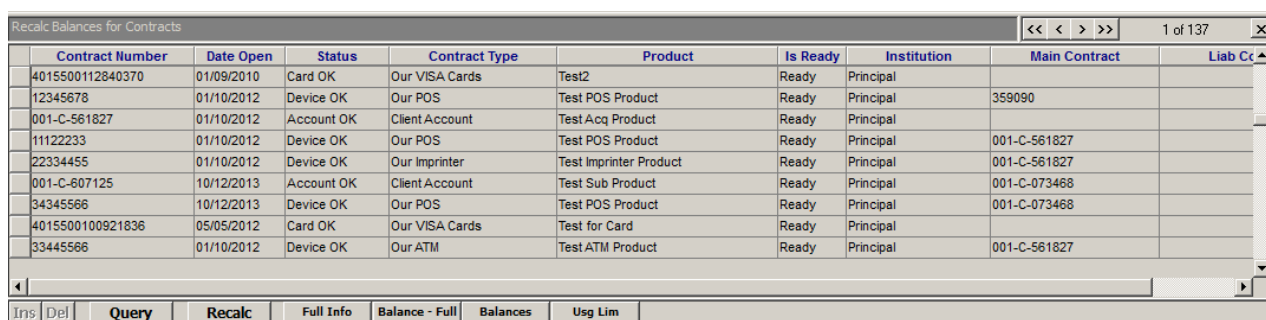
Fill in the following fields in the "Recalc Balance by Account Scheme" form:

- *Fin Institution* – appropriate financial institution.
- *Account Scheme* – Account Scheme for which recalculation is required.
- *Balance Type* – balance type for which recalculation will be performed.

Complete the activity using the [Proceed] button.

8. Recalculating Contract Balance Types

Balance types for a selected contract are recalculated in the "Recalc Balances for Contracts" form opened with the user menu item "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Balances for Contracts" (see Fig.16).



Contract Number	Date Open	Status	Contract Type	Product	Is Ready	Institution	Main Contract	Liab C
4015500112840370	01/09/2010	Card OK	Our VISA Cards	Test2	Ready	Principal		
12345678	01/10/2012	Device OK	Our POS	Test POS Product	Ready	Principal	359090	
001-C-561827	01/10/2012	Account OK	Client Account	Test Acq Product	Ready	Principal		
11122233	01/10/2012	Device OK	Our POS	Test POS Product	Ready	Principal	001-C-561827	
22334455	01/10/2012	Device OK	Our Imprinter	Test Imprinter Product	Ready	Principal	001-C-561827	
001-C-807125	10/12/2013	Account OK	Client Account	Test Sub Product	Ready	Principal	001-C-073468	
34345566	10/12/2013	Device OK	Our POS	Test POS Product	Ready	Principal	001-C-073468	
4015500100921836	05/05/2012	Card OK	Our VISA Cards	Test for Card	Ready	Principal		
33445566	01/10/2012	Device OK	Our ATM	Test ATM Product	Ready	Principal	001-C-561827	

Fig.16 Form for recalculating contract balances

To recalculate contract balance type values, move the cursor to the row corresponding to the desired contract and click the [Recalc] button. As a result, a context menu containing the following items will be displayed:

- "Recalc Hardcoded Balances" – recalculation of balance type values that have codes reserved in the system (for the list of reserved codes, see the section "Registering Balance Types" of the document "Balance Types").
- "Recalc Additional Balances" – recalculation of custom balance type values, i.e. balance types with codes differing from reserved codes.
- "Recalc Balance by Account Scheme" – recalculation of balance type values for a specific Account Scheme (see the section "[Recalculating Contract Balance Types for an Account Scheme](#)").

As a result of this procedure, contract balance type values will be recalculated according to the changes made.

9. Moving Clients and Contracts from One FI to Another FI



Avoid moving clients and contracts to another financial institution!
When moving a contract to another financial institution and changing the Product, a Product that is completely identical to the original one must be specified.

If it is necessary to move client records and contracts (contract tree) from one FI to another, proceed as follows:

- In the "Financial Institutions" form (Full → Configuration Setup → Main Tables → Financial Institutions) the values of the *Clearing In* field for both financial institutions must be the same. If the values do not match, set the same value in the *Clearing In* field.



This change must be made only while objects are being moved. After moving the necessary data, set the *Clearing In* field to its original value.
If documents are accepted and posted while a financial institution's *Clearing in* field value is temporarily changed, this may lead to incorrect normalization, interest accrual, etc.

When the value of the *Clearing In* field has been changed, it is necessary to restart the DB Manager application. Otherwise, the "Invalid Clearing Institution" error will occur when a contract is transferred.

- Select the user menu item "Full → DB Administrator Utilities → Special Contract Utilities → Change Contracts Institution". The "Change Contracts Institution" form will be displayed (see Fig. 17), in which a contract can be selected.

Change Contracts Institution										<< < > >>		1 of 86	X
Fin Institution	Product Category	Contract #	Client	Account Scheme	Contract Type	Date Open	Status	Curr	Available				
Principal	Bank Accounting	001-DEPOSIT	001-RBS	001-Branch Deposit	Bank Account	28/11/2009	Account OK	RUR	-2 573 780,00				
Principal	Issuing	001-P-389278	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	11/10/2012	Account OK	USD	8 905,42				
Principal	Issuing	001-P-706349	TEST CARDHOLDER	001-Full Iss USD Priv	Client Account	05/07/2012	Account Close	USD	-42,15				
Principal	Issuing	001-P-728657	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	05/07/2012	Account OK	USD	-126,45				
Principal	Issuing	001-P-736668	TEST CARDHOLDER	001-Full Iss USD Priv	Client Account	11/10/2012	Account OK	USD	-37,14				
Principal	Issuing	001-P-755205	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	08/09/2010	Account OK	USD	894,75				
Principal	Issuing	001-P-795581	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	18/05/2015	Account OK	USD	1 943,00				
Principal	Issuing	001-P-896595	WILLIAM SMITH	001-Full Iss USD Priv	Client Account	05/07/2012	Account OK	USD	2 496,45				
Principal	Issuing	4015500100921836	Test Client 226	001-Full Iss USD Priv	Our VISA Cards	05/05/2012	Card OK	USD	-5 042,61				
Principal	Issuing	4015500101342206	Test Client 1052	001-Full Iss USD Priv	Our VISA Cards	19/08/2015	Card OK	USD	-57,83				
Ins Del Query Change Full Info													

Fig.17 Form for selecting a contract to be transferred to another FI

Note that in the "Change Contracts Institution" form, a list of contracts that do not have parent contracts is shown, since this procedure cannot be used to transfer a subordinate contract without transferring the parent contract.

- In the "Get Financial Institution" form that opens, select the financial institution to which objects will be moved and click the [Proceed] button.
- If data are moved successfully, the "Contract moved" message will be displayed on the screen.

After this operation has been performed, only the client record will remain in the source FI, and WAY4 will create a client record, its contract (contract tree) and its history in the target FI.



When a client record is created in the new FI, WAY4 performs the following actions:

- If the UNIQUENESS_CLIENT_REG_NUMBER parameter is set to "Y" (see the document "WAY4™ Global Parameters"), a new client record will not be created when WAY4 finds a client with the same registration number in the target FI, and the contracts (contract tree) will be linked to the existing client.
- If the UNIQUENESS_CLIENT_NUMBER parameter is set to "Y" (see the document "WAY4™ Global Parameters"), a new client record will not be created when WAY4 finds a client with the same number in the target FI, and the contracts (contract tree) will be linked to the existing client.

In other cases, WAY4 checks for a client record by short name, registration number, and client number.

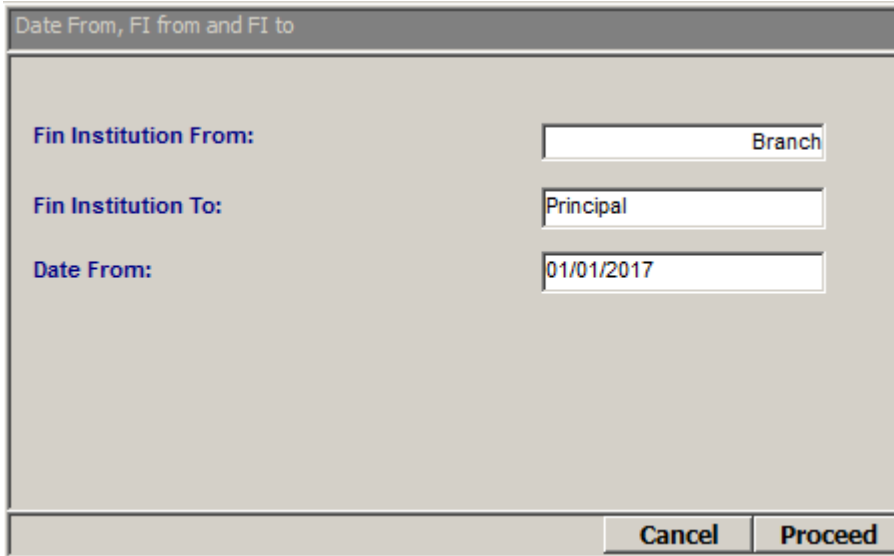
After the contract has been moved, the original value of the *Clearing In* field that was changed for this financial institution must be restored.

Note that WAY4 automatically generates entries between the contract's old and new GL accounts only if accounts were renumbered when moving a contract.

If contracts are being copied to a new institution, FX rates can be copied from the old institution to the new one (for example, for the appropriate rates to be used when reversing a transaction).

To do so, run the menu item "Full → DB Administrator Utilities → Special OpenWay Utilities → FX Rates copy for FI".

A form will open to select the date on which rates are being copied, the institution from which the rates are being copied and the target institution (see Fig. 18).



Date From, FI from and FI to

Fin Institution From:

Fin Institution To:

Date From:

Fig.18 "Date From. Fi from and FI to" form

Fill in the fields of this form and click the [Proceed] button.

10. Deleting Erroneously Created Client Records in the DB

Deleting a "Private" client record

A client record can be deleted from the database if the client has no:

- Contracts
- Linked clients
- Authentication scheme (see the section "Creating an Authentication Scheme for a Card, WAY4 Client or WAY4 Customer Profile Client (Consumer)" of the document "Administering WAY4™ Authentication Server".

A client record for a private client (individual) is deleted in the "Private Clients Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Private Clients Remove".

Private Clients Remove								
	Short Name	Reg Number	Client Number	Birth Date	First Name	Last Name	Company Name	Fin Institution
→	TEST CARDHOLDER	123456	12	00/00/0000	TEST	CARDHOLDER		Principal
	TEST CARDHOLDER	123456		00/00/0000	TEST	CARDHOLDER		704
	MAO	332211		26/12/1893	MAO	DUN		Principal
	Test Client 1	Test Client 1		00/00/0000	Test			Principal
	Test Client	112233	775588	12/05/1968	Client	Test		Principal
		1234567	1234567	00/00/0000	Test	Test		Principal
	Test Client 333	0006	0006	12/05/1978				Test1
	Test Client 1052	Test Client 1052		00/00/0000	Test	Test		Principal
	Test Client 226	Test Client 226		00/00/0000	Test			Principal
	WILLIAM SMITH	322121	123456	10/05/1975	William	Smith	Test Company	Principal
	Test Client 101	Test Client 101		00/00/0000	Test			Principal
	CARDS-53369	53369		01/01/2017				Principal
Ins	Del	Query	Remove	Client Info	Cards	All Contracts	Classifiers	

Fig.19 "Private Clients Remove" form

10.1 Deleting a "Corporate" client record

A client record for a corporate client (legal entity) is deleted in the "Corporate Clients Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Corporate Clients Remove".

To perform the operation, select a record that was mistakenly created, click the [Remove] button and confirm the operation.

11. Deleting Erroneously Created Contracts (Issuing module)

An account contract or card contract can be deleted if this contract and/or its subcontracts have no:

- Application for creating a contract; i.e. the contract was created manually, through the user interface.
- Balance in accounts.
- Account turnovers.
- Credit history.

A contract can be deleted in the "Issuing Contracts Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Issuing Contracts Remove" (see Fig. 20).

Issuing Contracts Remove										<< < > >>		1 of 95	X
Contract #	Contract Name	Liab Category	Contract Type	Open	Status	Curr	Credit Limit	Available					
001-P-389278	WILLIAM SMITH		Client Account	11/10/2012	Account OK	USD	9 025,00	8 905,42					
001-P-706349	TEST CARDHOLDER 1		Client Account	05/07/2012	Account Close	USD	0,00	-42,15					
001-P-728657	WILLIAM SMITH		Client Account	05/07/2012	Account OK	USD	0,00	-126,45					
001-P-736668	TEST CARDHOLDER		Client Account	11/10/2012	Account OK	USD	0,00	-37,14					
001-P-755205	WILLIAM SMITH		Client Account	08/09/2010	Account OK	USD	1 000,00	894,75					
001-P-795581	WILLIAM SMITH		Client Account	18/05/2015	Account OK	USD	0,00	1 943,00					
001-P-896595	WILLIAM SMITH		Client Account	05/07/2012	Account OK	USD	2 500,00	2 496,45					
4015500100921836	Test Client 226		Our VISA Cards	05/05/2012	Card OK	USD	750,00	-5 042,61					
4015500101342206	Top Level [4015500101342206]		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83					
4015500102916123	Top Level [4015500102916123]		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83					
4015500105570810	Top Level [4015500105570810]		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83					
4015500106175650	Top Level [4015500106175650]		Our VISA Cards	19/08/2015	Card OK	USD	0,00	-57,83					

Fig.20 Deleting an erroneously created contract

For the Housekeeping procedure to operate correctly, when deleting a contract that was created erroneously, all its account numbers are deleted.

For information purposes, a deleted account number is saved in the *Account Name* field of the "Accounts for <...>" form in front of the account name (menu item "Issuing → Contracts Input & Update → Issuing Contracts (Private)" → [Accounts]).

12. Deleting Erroneously Created Contracts (Acquiring module)

A contract can be deleted if this contract and/or its subcontracts have no:

- Application for creating a contract; i.e. the contract was created manually, through the user interface.
- Balance in accounts.
- Account turnovers.
- Credit history.

A contract can be deleted in the "Acquiring Contracts Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Acquiring Contracts Remove". (see Fig.21).

Acquiring Contracts Remove									
<div> <div><< < > >></div> <div>6 of 13</div> <div>✕</div> </div>									
Contract #	Contract Name	Liab Category	Contract Type	Open	Status	Curr	Credit Limit	Available	
001-C-607125	New Department		Client Account	10/12/2013	Account OK	USD	0,00	0,00	
001-C-644573	Test Department		Client Account	10/12/2013	Account OK	USD	0,00	0,00	
001-C-809267	Test Store		Client Account	09/12/2013	Account OK	USD	0,00	-775,15	
11223344	Test POS1		Our POS	09/12/2013	Device OK	USD	0,00	0,00	
34345566	Test New POS		Our POS	10/12/2013	Device OK	USD	0,00	0,00	
<div> <div>Ins Del</div> <div>Query Remove Full Info</div> </div>									

Fig. 21 Deleting an erroneously created acquiring contract

13. Recalculating a Billing Cycle Close Date

A billing date can be recalculated for all contracts in the "Recalc Billing Cycle" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Recalc Billing Cycle" (see Fig. 22).

This action can be performed, for example, after tariffs have been changed.

Recalc Billing Cycle								
Contract Number	Client	Currency	Billing Date	Account Scheme	Date Open	Fin Institution	Client Type	Is Ready
001-P-706349	TEST CARDHOLDER	USD	31/03/2016	001-Full Iss USD Priv	05/07/2012	Principal	Private Resident	Ready
001-P-288280	Test Client 1	USD	31/03/2016	001-Full Iss USD Priv	27/12/2013	Principal		Ready
001-P-664233	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	17/02/2014	Principal	Private Resident	Ready
001-P-537124	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	02/10/2013	Principal	Private Resident	Ready
001-P-462125	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	01/12/2013	Principal	Private Resident	Ready
001-P-737021	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	06/12/2013	Principal	Private Resident	Ready
001-P-896595	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	05/07/2012	Principal	Private Resident	Ready
001-P-728657	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	05/07/2012	Principal	Private Resident	Ready
001-P-755205	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	08/09/2010	Principal	Private Resident	Ready
001-P-993897	TEST CARDHOLDER	RUR	31/03/2016	001-Full Iss Local Priv	08/09/2010	Principal	Private Resident	Ready
001-P-795581	WILLIAM SMITH	USD	31/03/2016	001-Full Iss USD Priv	18/05/2015	Principal	Private Resident	Ready
001-P-283620	Test Client 1	USD	31/03/2016	001-Full Iss USD Priv	08/09/2010	Principal		Ready
001-P-721827	Test Client	USD	31/03/2016	001-Full Iss USD Priv	17/09/2012	Principal	Private Resident	Ready

Fig. 22 "Recalc Billing Cycle" form

To perform the action, click the [Recalc ALL] button, and confirm the action by clicking the [OK] button in the confirm box that opens (see Fig. 23).

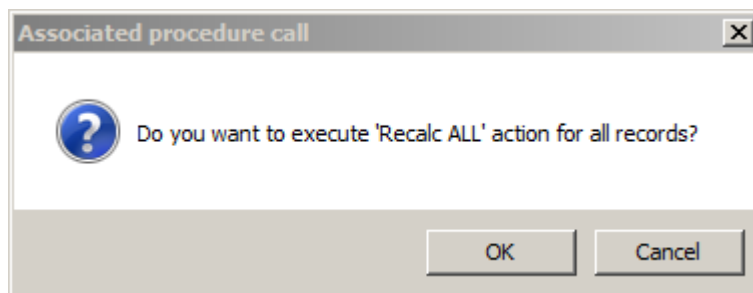


Fig.23 Confirming an action

14. Creating a Related ATM Retail Contract

A detailed description of the use of ATM Retail contracts and rules for creating them is provided in the section "Creating New ATM Retail Contracts" of the document "Acquiring Module".

A subordinate ATM Retail contract can be created for an account contract in the "Generate ATM Retail Contracts" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Generate ATM Retail Contracts" (see Fig. 24).

Generate ATM Retail Contracts							
Fin Institution	Terminal ID	Client	Category	Contract Type	Status	Location	Is Ready
Principal	55667788	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	12345678	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	11122233	TEST MERCHANT	POS	Our POS	Device OK	COMPANY	Ready
Principal	22334455	TEST MERCHANT	Imprinter	Our Imprinter	Device OK	COMPANY	Ready
Principal	34345566	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	33445566	TEST MERCHANT	ATM	Our ATM	Device OK	COMPANY	Ready
Principal	19911991	TEST MERCHANT	POS	Our POS	Device OK	COMPANY	Ready
Principal	96859633	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	00071415	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	11223344	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	00035899	WILLIAM SMITH	POS	Our POS	Device OK	TEST COMPANY	Ready
Principal	77665544	WILLIAM SMITH	Imprinter	Our Imprinter	Device OK	TEST COMPANY	Ready

Fig. 24 "Generate ATM Retail Contracts" form

To perform the activity, use the [Create] button to open the "Get Template Device" form (see Fig. 25).

Get Template Device	
Relation Type	Test
Terminal ID	11223344
<div> <div>Cancel</div> <div>Proceed</div> </div>	

Fig. 25 Registration of an ATM Retail contract

Fill in the fields of the "Get Template Device" form:

- *Relation Type* – type of relation with the device contract. The value is selected from the "Contract Relations" list, menu item "Full → Configuration Setup → Accounting Setup → Contract Relations".
- *Terminal ID* – device ID; for this device contract, this contract will be registered as a related one.

Complete the activity using the [Proceed] button.

15. Reversing Macrotransactions

Macrotransactions can be reversed in the "Macrotransactions - Reverse" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Macrotransactions - Reverse" (see Fig. 26).

For more information on working with macrotransactions, see the section "Posting Macrotransactions" of the "Documents" document.



In this form, the reverse operation is available for all types of macrotransactions.

Macrotransactions - Reverse															<< >>		1 of 4258	X
Date	Status	Institution	Type	Category	Class	Curr	Trans Amount	Dir	S Account	S Amount	S Fee	T Account	T Amount	T Fee	Source Code	Target Code		
01/12/2009	InActive	Principal	Base	Advice	Transaction	USD	300.00	Debit	001-TELLER Cash Pas	300.00	0.00	001-P-358866	300.00	0.00	B0001 0001 840001-TELLER	C0001 0001 840001-P-358866		
01/12/2009	InActive	Principal	Base	Advice	Lower Norm.	USD	300.00	Credit	001-P-358869 CI Loan	300.00	0.00	001-P-358866	300.00	0.00	C0001 0001 840001-P-358869	C0001 0001 840001-P-358869		
01/12/2009	Posted	Principal	Base	Advice	Lower Norm.	USD	300.00	Credit	001-P-358869 CI OVL	300.00	0.00	001-P-358866	300.00	0.00	C0001 0001 840001-P-358869	C0001 0001 840001-P-358869		
01/12/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	001-P-358866	0.00	0.00		C0001 0001 840001-P-358869		
31/12/2009	Posted	Principal	Base	Advice	RevExp	USD	-487.48	Credit	001-INTERESTS Loan	-487.48	0.00	001-INTEREST	-487.48	0.00	B0001 0001 840001-INTERESTS	B0001 0001 840001-INTERESTS		
31/12/2009	Posted	Principal	Base	Advice	Interests	USD	-7.40	Credit	001-INTERESTS Loan	-7.40	0.00	001-P-358866	-7.40	0.00	B0001 0001 840001-INTERESTS	C0001 0001 840001-P-358869		
31/12/2009	Posted	Principal	Base	Advice	Due Norm.	USD	-300.00	Credit	001-P-358869 CI OVL	-300.00	0.00	001-P-358866	-300.00	0.00	C0001 0001 840001-P-358869	C0001 0001 840001-P-358869		
31/12/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	001-P-358866	0.00	0.00		C0001 0001 840001-P-358869		
01/09/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	401550	0.00	10.00		C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Lower Norm.	USD	10.00	Credit	401550	10.00	0.00	401550	10.00	0.00	C0001 0001 8404015500136851114	C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Lower Norm.	USD	10.00	Credit	401550	10.00	0.00	401550	10.00	0.00	C0001 0001 8404015500136851114	C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Misc		0.00	None		0.00	0.00	401550	0.00	10.00		C0001 0001 8404015500136851114		
01/09/2009	Posted	Principal	Base	Advice	Lower Norm.	USD	10.00	Credit	401550	10.00	0.00	401550	10.00	0.00	C0001 0001 8404015500136851114	C0001 0001 8404015500136851114		

Fig. 26 "Macrotransactions - Reverse" form

To perform the operation, select a macrotransaction to be reversed and click the [Reverse] button.

16. Deleting a Bank Contract

A bank contract can be deleted if this contract and/or its subcontracts have no:

- Application for creating a contract; i.e. the contract was created manually, through the user interface.
- Balance in accounts.
- Account turnovers.
- Credit history.

A contract can be deleted in the "Bank Accounting Contracts Remove" form opened with the menu item "Full → DB Administrator Utilities → Special Contract Utilities → Bank Accounting Contracts Remove" (see Fig. 27).

Bank Accounting Contracts Remove								<< < > >>		1 of 78		X
	Contract Name	Contract Number	Contract Type	Date Open	Status	Currency	Amount Available	Shared Blocked	Liab Category			
→	001-VISA SMS Fees	001-VISA_SMS_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00				
	001-Affiliated Fee	001-AFF_FEE	Nostro	28/11/2009	Account OK	USD	0,00	0,00				
	001-EC Fees	001-EC_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00				
	001-EC Cirrus/Maestro Fees	001-EC_CIRR_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00				
	001-EC Nostro	001-EC_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00				
	001-Aff Loro	001-AFF_LORO_NOSTR	Bank Account	28/11/2009	Account OK	USD	0,00	0,00				
	001-VISA Nostro	001-VISA_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00				
	999-EC Nostro	999-EC_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00				
	999-MC Nostro	999-MC_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00				
	999-VISA Nostro	999-VISA_NOSTRO	Bank Account	28/11/2009	Account OK	USD	0,00	0,00				
	999-VISA Fees	999-VISA_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00				
	999-Electron/Plus Fees	999-EP_FEES	Nostro	28/11/2009	Account OK	USD	0,00	0,00				
	999-Aff Loro	999-AFF_LORO_NOSTR	Bank Account	28/11/2009	Account OK	USD	0,00	0,00				
	003-MC Fees	003-MC_FEES	Nostro	01/01/2010	Account OK	USD	0,00	0,00				
Ins	Del	Query	Remove	Full Info								

Fig.27. Deleting a Bank Contract

17. Deleting a Product



A Product cannot be deleted if:

- At least one contract (active or closed) is registered using this Product.
- The Product is used as template (Product Template).

The activity is performed in the "Product Remove" form, menu item "Full → DB Administrator Utilities → Special Contract Utilities → Product Remove" (see Fig. 28).

Product Remove													<< < > >>	1 of 2746	X
Institution	Client	Product	Contract	Product Group	Name	Acc Scheme	Tariff Domain	Is Ready	Product Template	Contr Subtype	Service Pack	Report Type			
Principal	Private	Issuing	Card	Issuing Debit	001-Card to test VALUE_TAG	001-Debit Iss Local Priv		Ready		001-VISA CLASS	001-Our Priv VISA_PREF_TAGS				
Principal	Private	Issuing	Card	Issuing Debit	Card 00 product_no_REPLACE_TO	001-Full Iss Local Priv REPL		Ready		001-VISA CLASS	001-Our Priv VISA_DAYS_TO_RE				
Principal	Private	Issuing	Card	Issuing Debit	test_fee_return	001-Full Iss USD Priv	Domain_own	Ready		001-VISA CLASS	001-Reverse_Fees1.4				
Principal	Private	Issuing	Card	Issuing Debit	base card	*001-Full Iss USD Serv1		Ready		001-Our Priv VISA_PREF_TAGS	001-Our Priv VISA_DAYS_TO_RE				
Principal	Private	Issuing	Card	Issuing Debit	001-Fee Tag Test_with_usages	001-Full Iss Local Priv		Ready		001-VISA CLASS	001-Card Fee Tag Test_with_usa				
Principal	Private	Issuing	Account	Issuing Debit	SEPA ISS ACC	001-SEPA Full Iss EUR Priv		Ready		001-Private Client Acco	001-Accounting Private				
Principal	Private	Issuing	Card	Issuing Debit	CREATE_FOR_card	*001-Full Iss USD Serv1		Ready		001-VISA CLASS	*001-Our Priv VISA_test_serv tes				
Principal	Private	Issuing	Card	Issuing Debit	BALANCE3	001-Full Iss USD Priv_BALAN		Ready		001-VISA CLASS	001-Our Priv VISA_BAL3				
Principal	Private	Issuing	Account	Issuing Debit	Iss Main Prod Sec	001-Full Iss Local Priv REPL		Ready		001-Private Client Acco	001-Accounting Private				
Principal	Private	Issuing	Card	Issuing Debit	NEW Related Card product02 <- sar	001-Full Iss Local Priv REPL		Ready		001-VISA CLASS_chip	001-Our Priv VISA_PREF_TAGS				
Principal	Private	Issuing	Card	Issuing Debit	card lab level2	*001-Full Iss USD Serv1 skip		Ready		001-VISA CLASS*	001-Our Priv VISA7				
Principal	Private	Issuing	Card	Issuing Debit	MATRIX VISA Volume with ITA by su	*001-Full Iss USD Serv1	MATRIX VOLUME with	Ready		001-VISA CLASS	001-Our Priv VISA_MATRIX				
Principal	Private	Issuing	Account	Issuing Debit	Subliss	001-Full Iss USD Priv		Ready		001-Private Client Acco	001-Accounting Private				
Principal	Private	Issuing	Card	Issuing Debit	bal card check	001-Full Iss USD Priv_BALAN		Ready		001-VISA CLASS	001-Our Priv VISA_BAL				
Principal	Private	Issuing	Card	Issuing Debit	test serv on chip card	*001-Full Iss USD Serv1		Ready		001-VSDC Local1	*001-Our Priv VISA_test_serv				
Principal	Private	Issuing	Account	Issuing Debit	001-Aff_base_account	001-Full Iss Local Priv REPL		Ready		001-Private Client Acco	001-Accounting Private				
Principal	Private	Issuing	Account	Issuing Debit	test FX order lab rur	001-Full FX_supp_rur		Not Ready		001-Private Client Acco	001-Accounting Private				
Principal	Private	Issuing	Card	Issuing Debit	fee_fx CONV_FROM.FX_CONV	*001-Full Iss USD Serv1		Ready		001-VISA CLASS	001-Our Priv VISA_fee for fx				
Principal	Private	Issuing	Account	Issuing Debit	base card main1	*001-Full Iss USD Serv1		Ready		001-Private Client Acco	001-Accounting Private				
Principal	Private	Issuing	Card	Issuing Debit	BALANCE	001-Full Iss USD Priv_BALAN		Ready		001-VISA CLASS	001-Our Priv VISA_BAL_EVENT				

Fig. 28 Deleting a Product

To delete an unused or incorrectly created Product, select the required record and click the [Remove] button.