ATM Controller Reports

Contents

Introduction

To monitor operation of the ATM network, WAY4 makes it possible to generate reports for the results of ATM operation.

This document is intended for WAY4 administrators (bank or processing centre employees) responsible for configuring and servicing the ATM network.

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

- "DB Manager Manual"

- "Acquiring Module"

- "ATM Controller"

- "ATM Monitoring"

The following conventions are used throughout the document:

- Field labels in screen form are shown in *italics*.

- Screen form button labels are enclosed in square brackets, such as [Approve].

- Sequences for selecting user menu items are given with arrows, as in: "Issuing → Contracts Input & Update".

- Sequences for selecting system menu items are given with a different type of arrow, for example: "Database => Change password".

- Key combinations used when working with DB Manager are shown in angular brackets as in <Ctrl>+<F3>.

- Warnings that there is a danger of making an incorrect action are marked with the ⚠ sign.

- Messages marked with the ℹ sign contain information about important features, additional facilities or the optimal use of certain functions of the system.
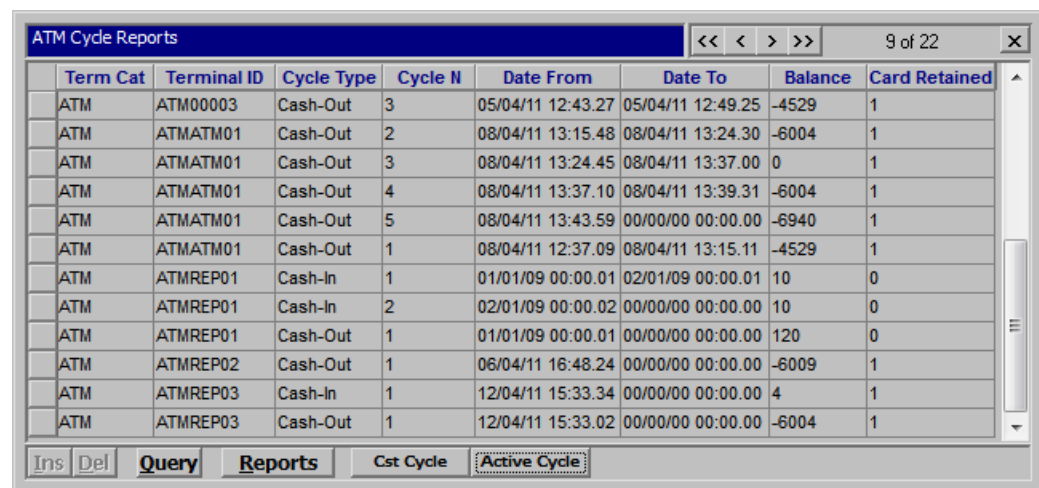
ℹ Note: The concept of virtual ATM cassettes is used in ATM controller reports. During cash-in, banknotes are identified. Each denomination of a banknote in a particular currency, taking into account the variation of banknotes in circulation, is placed according to a particular virtual cassette. Therefore, banknotes accepted by the ATM in the same currency, same denomination and same type are shown in the report as being contained in the corresponding virtual cassette. In all cases where acceptance of banknotes by a cassette is referred to, it is a virtual cassette that is meant.

Chapter 1. Reports by ATM Cycles

To monitor the operation of the ATM network, WAY4 makes it possible to generate the following reports for ATM cycles:

- ATM Cash In Report.

- ATM Cassette Report.

- ATM Currency Exchange Report.

- ATM Dispense Report.

- ATM Transactions Journal.

These reports are accessed from the "ATM Cycle Reports" form (see Fig. 1), opened by the user menu item "Full → Acquiring → ATM Controller → ATM Cycle Reports".

	Term Cat	Terminal ID	Cycle Type	Cycle N	Date From	Date To	Balance	Card Retained
	ATM	ATM00003	Cash-Out	3	05/04/11 12:43.27	05/04/11 12:49.25	-4529	1
	ATM	ATMATM01	Cash-Out	2	08/04/11 13:15.48	08/04/11 13:24.30	-6004	1
	ATM	ATMATM01	Cash-Out	3	08/04/11 13:24.45	08/04/11 13:37.00	0	1
	ATM	ATMATM01	Cash-Out	4	08/04/11 13:37.10	08/04/11 13:39.31	-6004	1
	ATM	ATMATM01	Cash-Out	5	08/04/11 13:43.59	00/00/00 00:00.00	-6940	1
	ATM	ATMATM01	Cash-Out	1	08/04/11 12:37.09	08/04/11 13:15.11	-4529	1
	ATM	ATMREP01	Cash-In	1	01/01/09 00:00.01	02/01/09 00:00.01	10	0
	ATM	ATMREP01	Cash-In	2	02/01/09 00:00.02	00/00/00 00:00.00	10	0
	ATM	ATMREP01	Cash-Out	1	01/01/09 00:00.01	00/00/00 00:00.00	120	0
	ATM	ATMREP02	Cash-Out	1	06/04/11 16:48.24	00/00/00 00:00.00	-6009	1
	ATM	ATMREP03	Cash-In	1	12/04/11 15:33.34	00/00/00 00:00.00	4	1
	ATM	ATMREP03	Cash-Out	1	12/04/11 15:33.02	00/00/00 00:00.00	-6004	1

Fig. 1. Grid form with the list of ATM cycles

The "ATM Cycle Reports" form contains the following fields:

- *Term Cat* – device category (in this case, "ATM").

- *Terminal ID* – ATM's unique identifier in WAY4.

- *Cycle Type* – cycle type; for example, "Cash-Out" – for cash-out cassettes, "Cash-In" – for virtual cash-in cassettes (see Note in the section "Introduction"), etc.

- *Cycle N* – cycle sequence number.

- *Date From* – cycle start date and time.

- *Date To* – cycle end date and time.

- *Balance* – difference between the number of banknotes loaded into and dispensed from the ATM.

- *Card Retained* – number of cards retained during a cycle.

To generate a report, select the required cycle and click the [Reports] button. A context menu with a list of report types will be displayed (see Fig. 2).

Cash In
Cassette
Exchange
Dispense
Transaction
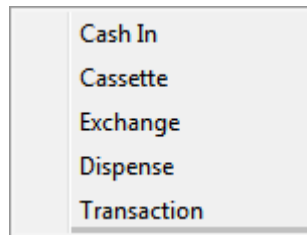
Fig. 2. List of reports

Select the required report type and follow the instructions given in this document for each report type.

ATM Cash In Report

An ATM Cash In report provides the user with information about the number of cash-in transactions made for a cycle, specifying bankcard numbers, transaction amounts, and the number, denominations and currency of accepted banknotes.

ⓘ Banknotes accepted from a client are placed according to so-called virtual cassettes (see Note in the section "Introduction").

To generate the report, in the "ATM Cycle Reports" form (see Fig. 1 in the section "Reports by ATM Cycles") select the required cycle, click the [Reports] button and select the "Cash In" item from the context menu.

The report header shows the following:

- Financial Institution – the name of the financial institution to which the ATM contract belongs.

- Terminal # – ATM's unique identifier in WAY4.

- Device Name – ATM name.

- Location – ATM location.

- Device Type – ATM model registered in WAY and described in the "ATM Types" dictionary ("Configuration Setup → Merchant Device Setup → ATM Types").

- Cycle # – cycle number.

- Date From – start banking date of cycle.

- Date To – end banking date of cycle.

- Number of Retained Cards – number of retained cards.

This report is preceded by information about the state of ATM cassettes, specifying the denomination and currency of banknotes accepted to each virtual cassette (see "ATM Cassette Report").

The ATM Cash In report contains information about the number of cash-in transactions made for a cycle, grouped according to the following parameters:

- Currency – transaction currency.

- Transaction Type – transaction type.

- Posting Status – status of the document generated for the transaction.

The report (see "ATM Cash In ") is in the form of a table containing the following columns:

- Transaction Date – transaction date.

- Target – number of the bankcard participating in the transaction or the name of the target contract.

- Auth – transaction authorisation code.

- Amount – transaction amount.

- Dispense – the number of banknotes accepted to the corresponding virtual cassettes (see Note in the section "Introduction"). The field value has the following format: N(M), where N is the name of the virtual cassette and M is the number of accepted banknotes.

ATM Cassette Report

An ATM cassette report provides the user with information about the number, denomination and currency of banknotes:

- Loaded into the cassette during collection.

- Dispensed from the cassette.

- Dispensed from the cassette but forgotten by the cardholder.

- Rejected by the ATM when dispensing.

- Available for dispensing from the cassette.

To generate a report about cassette status, in the "ATM Cycle Reports" form (see Fig. 1 in the section "Reports by ATM Cycles") click the [Reports] button and select the "Cassette" item from the context menu.

An ATM cassette report contains information about the current state of ATM cassettes, grouped by the currencies of banknotes loaded into cassettes.

The report header shows the following:

- Financial Institution – name of the financial institution to which the ATM contract belongs.

- Terminal # – ATM's unique identifier in WAY4.

- Device Name – ATM name.

- Location – ATM location.

- Device Type – ATM model registered in WAY4 and described in the "ATM Types" dictionary ("Configuration Setup → Merchant Device Setup → ATM Types").

- Cycle # – cycle number.

- Date From – start banking date of cycle.

- Date To – end banking date of cycle.

- Number of Retained Cards – number of retained cards.

- Cassette counters out of balance – the names of cassettes for which the balance for banknotes loaded into the cassette, dispensed and remaining did not add up.

This report (see "ATM Cassette ") is in the form of a table containing the following information:

- Cassette – cassette:

  - Nm – cassette identifier (letter or number).

  - Denom – denomination of loaded banknotes.

  - Curr. – currency of loaded banknotes.

- Loaded – loaded:

  - # – number of loaded banknotes.

  - Amount – amount according to the denomination of loaded banknotes.

- Dispensed – dispensed:

  - # – number of dispensed banknotes.

  - Amount – amount according to the denomination of dispensed banknotes.

- Retracted – dispensed from the cassette but left in the ATM by the cardholder:

  - # – number of dispensed banknotes.

  - Amount – amount according to the denomination of dispensed banknotes.

- Diverted –rejected by the ATM when dispensing:

  - # – number of rejected banknotes.

  - Amount – amount according to the denomination of rejected banknotes.

- Available – available for dispensing from the cassette.

  - # – number of banknotes available for dispensing.

  - Amount – amount according to the nomination of banknotes available for dispensing.

At the end of the report, the values of total amountsare shown:

- Total for – amount for the corresponding currency.

- Hash Total – total amount for each column.

ATM Currency Exchange Report

To generate a report on currency exchange, in the "ATM Cycle Reports" form (see Fig. 1 in the section "Reports by ATM Cycles"), click on the [Reports] button and select the "Exchange" item from the context menu.

The P_SHOWCASH parameter (possible values: "Y"/"N") can be used for this report, allowing information to be shown in the report about the distribution of dispensed banknotes by cassette.

The report header shows the following:

- Financial Institution – name of the financial institution to which the ATM contract belongs.

- Terminal # – ATM's unique identifier in WAY4.

- Device Name – ATM name.

- Location – ATM location.

- Device Type – ATM model registered in WAY4 and described in the "ATM Types" dictionary ("Configuration Setup → Merchant Device Setup → ATM Types").

- Cycle # – cycle number.

- Date From – to – start and end banking dates of the cycle.

An ATM Exchange Report contains information about transactions for a selected cycle, grouped according to the following parameters:

- Combination of entered and dispensed currency (for example, USD and EUR).

- According to the rounding currency specified in the Rounding column.

This report (see "ATM Currency Exchange Report ") is in the form of a table containing the following columns:

For all columns except Exchange Rate and St., the currency in which the column value is shown is specified.

- Trans Date – transaction date.

- Input Amount – amount entered for exchange.

- Change – change dispensed as a result of currency exchange.

- Net Input – amount (in the original currency), actually to be exchanged.

- Rounding – the remainder of the amount (in the rounding currency) that could not be dispensed.

- Commission – fee for currency exchange.

- Exchange Rate – exchange rate.

- Outward – dispensed amount.

- St – status code of the document generated for the transaction.

ATM Dispense Report

An ATM Dispense Report provides the user with information about the number of transactions made for a cycle, specifying bankcard numbers, transaction amounts, and the number, denominations and currencies of the dispensed banknotes.

To create an ATM Dispense Report, in the "ATM Cycle Reports" form (see Fig. 1 in the section "Reports by ATM Cycles") click the [Reports] button and select the "Dispense" item from the context menu.

The report header shows the following:

- Financial Institution − name of the financial institution to which the ATM contract belongs.

- Terminal # – ATM's unique identifier in WAY4.

- Device Name – ATM name.

- Location – ATM location.

- Device Type − the ATM model registered in WAY4 and described in the "ATM Types" dictionary ("Configuration Setup → Merchant Device Setup → ATM Types").

- Cycle # – cycle number.

- Date From − start banking date of cycle.

- Date To – end banking date of cycle.

- Number of Retained Cards – number of retained cards.

- Cassette counters out of balance − the names of cassettes for which the balance for banknotes loaded into the cassette, dispensed and remaining did not add up.

This report is preceded by information about the status of ATM cassettes, specifying the denomination and currency of banknotes loaded into each cassette (see "ATM Cassette Report").

The ATM Dispense Report contains information about transactions for the selected cycle, grouped according to the following parameters:

- Currency – transaction currency.

- Request Category − request/advice category (possible values: "Advice"/"Reversal").

- Posting Status – status of the document generated for the transaction.

This report (see "ATM Dispense ") is in the form of a table containing the following columns:

- Tr. Date – transaction date.

- Card Number – number of the bankcard participating in the transaction.

- Auth – transaction authorisation code.

- Amount – transaction amount.

- Dispense – elaboration of the distribution of dispensed banknotes by cassettes with specification of the cassette number, the number of dispensed banknotes and the dispense type. Information is shown in the format A(B Y), where A is the cassette name, B is the number of banknotes issued from it, and Y is the dispense type. Possible values: "D" - "Dispense", "L" – "Load", "U" - "Unload" etc.). This field may also contain information about status message error level (see the section "ATM Message Types Dictionary" of the document "ATM Controller").

ATM Transactions Journal

The ATM Transaction Journal shows information about transactions made in the selected cycle that were related to dispensing or accepting cash. Depending on the cycle type, information about various transaction types is given in the report.

To create an ATM Transaction Journal, in the "ATM Cycle Reports" form (see Fig. 1 in the section "Reports by ATM Cycles"), click the [Reports] button and select the "Transaction" item from the context menu.

The header shows the following:

- Financial Institution – name of the financial institution to which the ATM contract belongs.

- Terminal # – ATM's unique identifier in WAY4.

- Device Name – ATM name.

- Location – ATM location.

- Device Type – the ATM model registered in WAY4 and described in the "ATM Types" dictionary ("Configuration Setup → Merchant Device Setup → ATM Types").

- Cycle # – cycle number and type.

- Date From – start banking date of cycle.

- Date To – end banking date of cycle.

- Number of Retained Cards – number of retained cards.

An ATM Transaction Journal contains transaction data (for a selected cycle), grouped according to the following parameters:

- Currency – transaction currency.

- Transaction Type – transaction type.

- Request Category – request/advice category (possible values: "Advice"/"Reversal").

- Posting Status – status of the document generated for the transaction.

This report (see "ATM Transactions Journal ") is in the form of a table containing the following columns:

- Transaction Date – transaction date and time.

- Contract Number – target contract number.

- Auth – transaction authorisation code.

- Amount – transaction amount.

- Details – elaboration of the distribution of dispensed banknotes by cassettes with specification of the cassette number, the number of dispensed banknotes and the dispense type. Information is given in the format A(B Y), where A is the cassette name, B is the number of banknotes issued from it, and Y is the dispense type. Possible values: "D" - "Dispense", "L" – "Load", "U" - "Unload" etc.). This field may also contain information about status message error level (see the section "ATM Message Types Dictionary" of the document "ATM Controller").

Chapter 2. ATM Component Status Reports

To monitor the operation of the ATM network, WAY4 makes it possible to generate the following reports on the status of ATM components:

- ATM Status Report.

- ATM Balances by Period Report.

These reports are accessed from the "ATM Status Report" form (see Fig. 3), opened with the user menu item "Full → Acquiring → ATM Controller → ATM Status Report".

Fig. 3. List of ATMs registered in WAY4

The "ATM Status Report" form contains the following fields:

- *Terminal ID* – ATM's unique identifier in WAY4.

- *Device Name* – ATM name.

- *Location* – ATM location.

- *Device Type* – the ATM model registered in WAY4 and described in the "ATM Types" dictionary ("Configuration Setup → Merchant Device Setup → ATM Types").

To generate a report, select the required ATM and click the [Report] button. A context menu with a list of report types will be displayed (see Fig. 4).
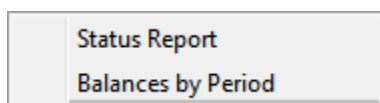
Fig. 4. List of reports

Select the required report type and follow the instructions given in this document for each report type.

ATM Status Report

This report is a log of errors in the operation of ATM components.

To create an ATM Status Report, in the "ATM Status Report" form (see Fig. 3 in the section "ATM Component Status Reports") click the [Report] button and select the "Status Report" item from the context menu.

The "Date From – To" form will be displayed (see Fig. 5).

In the *Date From* and *Date To* fields of this form, specify the banking dates of the start and end of the cycle for which the report is being generated.

Fig. 5. Form for setting the report generation period

After filling in the fields of the "Date From – To" form and clicking the [Proceed] button, the report will be generated.

The header of the report shows:

- *Date From* – start banking date of cycle.

- *Date To* – end banking date of cycle.

- *Financial Institution* – name of the financial institution to which the ATM contract belongs.

- *Terminal ID* – ATM's unique identifier in WAY4.

- *Report Created on* – report creation date.

An ATM Status Report contains information about errors that occurred during operation of an ATM, grouped by operations.

This report (see "ATM Status Report ") is in the form of a table, containing the following columns:

- Hardware – ATM component name.

- Error Level – ATM status message error level.

- Status Message – status message description.

- Duration in min – ATM component's length of time in this status.

ATM Balances by Period Report

This report provides information about the status of ATM cassette counters, grouped by cycle types.

To create an ATM Balances by Period Report, in the "ATM Status Report" form (see Fig. 3 in the section "ATM Component Status Reports") select the required ATM name, click the [Report] button and select the "Balances By Period" item from the context menu.

The "DateTime From – To" form will be displayed (see Fig. 6).

In the *Date From* and *Date To* fields of this form specify the start and end date of the cycle for which the report is being generated.

Fig. 6. Form for entering the cycle start and end date and time

After filling in the fields of the "Date From – To" form and clicking the [Proceed] button, the report will be generated.

The report header shows the following:

- *Financial Institution* – name of the financial institution to which the ATM contract belongs.

- *Date From* – start banking date of cycle.

- *Date To* – end banking date of cycle.

- *Terminal #* – ATM's unique identifier in WAY4.

- *Device Name* – ATM name.

- *Location* – ATM location.

- *Device Type* – ATM model registered in WAY4 and described in the "ATM Types" dictionary ("Configuration Setup → Merchant Device Setup → ATM Types").

This report contains information about the state of ATM cassettes, grouped according to the following parameters:

- Cycle type.

- Currency.

The report (see "ATM Balances by Period ") is in the form of a table containing the following columns:

- Cassette – cassette:

  - Nm – cassette identifier (letter or number).

  - Denom – denomination of loaded or accepted banknotes.

  - Curr – currency of loaded banknotes.

  Banknotes accepted from clients are placed according to so-called virtual cassettes (see Note in the section "Introduction").

- Loaded – loaded:

- ▪ # – number of loaded banknotes.
- ▪ Amount – amount according to the denomination of loaded banknotes.
- Encashed – accepted:
  - ▪ # – number of accepted banknotes.
  - ▪ Amount – amount according to the denomination of accepted banknotes.
- Refunded – received from the client and returned by the ATM:
  - ▪ # – number of banknotes returned to the client.
  - ▪ Amount – amount according to the denomination of banknotes returned to the client.

  ⓘ The "Encashed" and "Refunded" columns are shown for "Cash In" cycles.

- Diverted – rejected by the ATM when dispensing or accepting:
  - ▪ # – number of rejected banknotes.
  - ▪ Amount – amount according to the denomination of rejected banknotes.
- Dispensed – dispensed:
  - ▪ # – number of dispensed banknotes.
  - ▪ Amount – amount according to the denomination of dispensed banknotes.
- Retracted – dispensed from the cassette but left in the ATM by the cardholder:
  - ▪ # – number of retracted banknotes.
  - ▪ Amount – amount according to the denomination of retracted banknotes.

  ⓘ The "Dispensed" and "Retracted" columns are shown for "Cash Out" cycles.

Chapter 3. Miscellaneous Reports

To monitor operation of the ATM network, WAY4 makes it possible to generate the following reports:

- ATM Total Amount Report.

- ATM Current Balance.

- ATM Retracts Journal.

- ATM Balances Report.

- ATM Balance Report (by device).
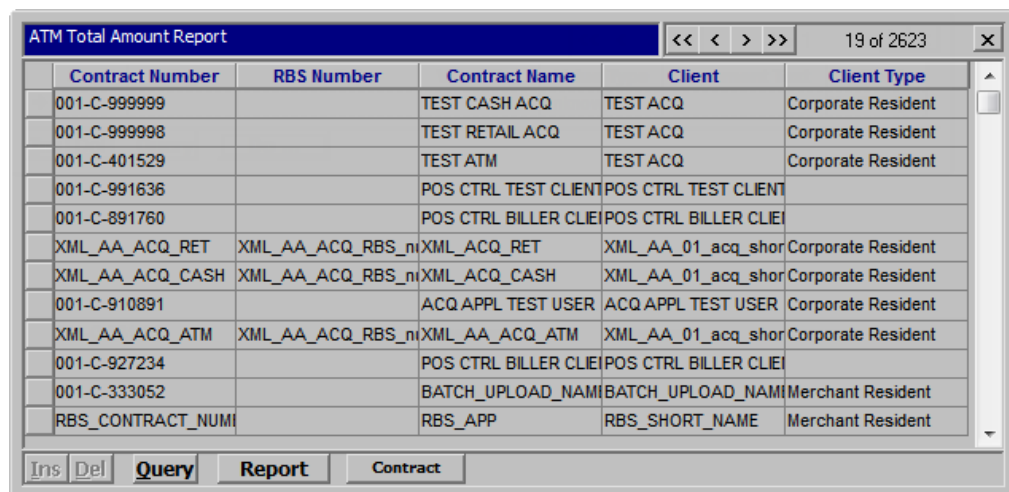
ATM Total Amount Report

The ATM Total Amount Report contains information about reimbursements for transactions made on ATMs for a custom-defined period.

To generate an ATM Total Amount Report, select the user menu item "Full → Acquiring → ATM Controller → ATM Total Amount Report".

This will open the "ATM Total Amount Report" grid form with a list of acquiring module contracts registered for the selected financial institution (see Fig. 7).

By default, all acquiring module contracts will be shown in this form, including merchant contracts without subordinate ATM contracts. To display account contracts for which ATM subcontracts are registered, use queries when opening the form.

Fig. 7. List of merchant contracts

The "ATM Total Amount Report" form contains the following fields:

- *Contract Number* – contract number.

- *RBS Number* – contract RBS number.

- *Contract Name* – contract name.

- *Client* – name of the client registered in the database.

- *Client Type* – client type (for the list of registered client types, see the *Name* field of the form "Full → Configuration Setup → Client Classifiers → Client Types").

To generate a report, select the row in the table that corresponds to the contract for which the report is being generated and click the [Report] button.

The "Date From – To" form will be displayed.

In the *Date From* field, specify the start date and in the *Date To* field, the end date of the cycle for which the ATM Total Amount Report is being generated and click the [Proceed] button, after which the report will be generated.

The report header shows the following:

- *Financial Institution* – financial institution name.

- *Date From* – start banking date of cycle.

- *Date To* – end banking date of cycle.

- *Contract #* – merchant contract number.

- *Contract name* – contract name.

The ATM Total Amount Report contains information about reimbursements for a custom-defined period, grouped according to the following parameters:

- Val. Date – reimbursement date.

- Channel – name of payment system from which the transaction information was received.

- Currency – reimbursement currency.

- Status –status of the document generated for the transaction.

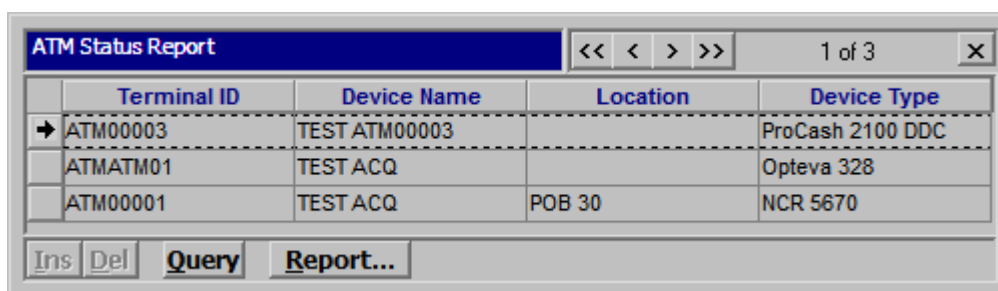This report (see "ATM Total Amount ") is in the form of a table containing the following columns:

- Terminal ID – ATM identifier.

- Cycle – cycle number.

- N of Trans – number of transactions made on the ATM.

- Amount – transaction amount.

- Discount (this field is not used for ATM controller reports).

For data grouped according to each status, the following total information is shown:

- Total this Channel & Status:

  ▪ Amount – transaction amount.

  ▪ Discount (this field is not used for ATM controller reports).

The following total information is shown at the end of the table:

- Total this <status name> Value Date & Currency – totals for the specified status, date and currency.

ATM Current Balance

This report provides information about the number of banknotes in all ATMs registered in WAY4 at the time of the report's generation. The report shows the balance of cash in each ATM and the amount of cash in each currency in all ATMs.

To generate the report, select the user menu item "Full → Acquiring → ATM Controller → ATM Current Balance Report".

The name of the financial institution is shown in the report header.

The ATM Current Balance Report contains information about the number of banknotes in all ATMs, grouped according to the following parameters:

- Fin. Inst – financial institution.

- Currency – currency.

- Terminal ID – ATM identifier.

- Cycle Type – cycle type.

This report (see "ATM Current Balance ") is in the form of a table containing the following columns:

- Terminal ID – ATM identifier.

- Cycle Type – cycle type.

- Name – cassette name (possible field values are specified in the section "Currency Cassette Status" in the document "ATM Monitoring").

- Pos – the number of the position in which the cassette is located (for the Diebold protocol, for the NDC protocol, the position number corresponds to the cassette name).

- Denomination – denomination of banknotes or coins loaded or accepted in the cassette.

   ⓘ Banknotes accepted from the client are placed according to so-called virtual cassettes (see Note in the section "Introduction").

- Available – number of banknotes or coins.

- Amount Available:
    - amount available for dispensing (for "Cash Out" cycles).
    - amount of cash accepted (for "Cash In" financial cycles).

The value in this field is calculated as follows: the value in the Denomination field multiplied by the value in the Available field.

ATM Retracts Journal

This report provides information about messages about banknotes that were left in the ATM. The report shows status messages as well as information about dispensing operations for 5 minutes preceding the message. This report is relevant for Diebold ATMs.

To generate the report, select the user menu item "Full → Acquiring → ATM Controller → ATM Retracts Journal".

The "Date From – To" form will be displayed.

In the *Date From* and *Date To* fields of this form, specify the start and end date of the cycle for which the report is being generated.

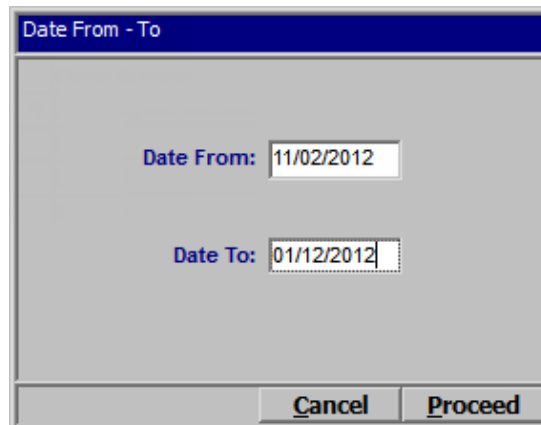After filling in the fields of the "Date From – To" field and clicking the [Proceed] button, the report will be created.

The report header shows:

- *Financial Institution* – name of financial institution.

- *From – to* – cycle start and end date.

The report (see "ATM Retracts Journal ") is in the form of a table containing information about ATM status messages. For each message, information is shown about dispensing operations for 5 minutes preceding the message.

For status messages, information in the table is shown in columns:

- Message time – message generation date and time.

- Terminal ID – ATM identifier.

- Terminal location – ATM location.

- Message text – message text.

Information about dispensing operations for 5 minutes preceding a status message are shown in the following columns:

- Transaction time – time of transaction.

- Card Number – number of the bankcard used for the transaction.

- Amount – transaction amount.

- Currency – transaction currency.

- Posting Status – status of the document generated for the transaction.

ATM Balances Report

This report provides information about the state of all the selected financial institution's ATM cassette counters.

To generate a report, select the user menu item "Full → Acquiring → ATM Controller → ATM Balances Report".

The "Date From – To" form will be displayed.

In the *Date From* and *Date To* fields of this form, specify the start and end banking dates of the cycle for which the report is being generated.

After filling in the fields of the "Date From – To" form and clicking the [Proceed] button, the report is generated.

The report header shows the following:

- *Financial Institution* – name of the financial institution.

- *Date From* – start banking date of cycle.

- *Date To* – end banking date of cycle.

The ATM Balances Report contains information about the number, denomination and currency of banknotes, grouped according to the following parameters:

- ATM – ATM identifier.

- Repl Cycle – cycle number.

- Currency – currency.

This report (see "ATM Balances ") is in the form of a table containing the following columns:

- Cassette – cassette name (possible field values are specified in the section "Currency Cassette Status" in the document "ATM Monitoring").

- Pos – the number of the position in which the cassette is located (for the Diebold protocol, for the NDC protocol, the position number corresponds to the cassette name).

- Denomination – denomination of banknotes or coins loaded or accepted to the cassette.

    Banknotes accepted from a client are placed according to so-called virtual cassettes (see Note in the section "Introduction").

- Loaded – number of loaded banknotes.

- Dispensed – number of dispensed banknotes.

    For "Cash In" cycles, a negative value in this field means the number of accepted banknotes.

- Diverted – the number of banknotes rejected during dispensing.

- Retracted – the number of banknotes dispensed from a cassette but left in the ATM by the cardholder.

- Available – the number of banknotes or coins available for dispensing (for cycles with the "Cash Out" type) (or the amount of cash accepted for "Cash In" cycles).

- Available Amnt – the amount available for dispensing for "Cash Out" cycles (or the amount of cash accepted for "Cash In" cycles), calculated as follows: the value in the Denomination field, multiplied by the value in the Available field.

ATM Balance Report (by device)

This report shows information about the state of cassette counters for a selected ATM.

To generate a report, select the user menu item "Full → Acquiring → ATM Controller → ATM Balance Report (by Device)".

The "ATM Balance Report (by device)" grid form will be displayed, containing a list of ATMs registered in WAY4. An identical form is shown in Fig. 3 in the section "ATM Component Status Reports".

To generate a report, select the required ATM and click the [Report] button. The "Date From – To" form will be displayed.

In the *Date From* and *Date To* fields of this form, select the start and end banking dates of the cycle for which the report is being generated.

After filling in the fields of the "Date From – To" form and clicking the [Proceed] button, the report will be generated.

The report header shows the following:

- *Financial Institution* – name of the financial institution.

- *Date From* – start banking date of cycle.

- *Date To* – end banking date of cycle.

The ATM Balance Report (by device) contains information about the number, denomination and currency of banknotes, grouped according to the following parameters:

- ATM – ATM identifier.

- Repl Cycle – cycle number.

- Currency – currency.

This report (see "ATM Balance Report ") is in the form of a table. The set of fields is identical to the set of fields in the "ATM Balances Report".

Appendix 1. Sample Reports

ATM Cash In

```
                                      ATM Cash In
Financial Institution:   Principal
-------------------------------------------------------------------------------------------
Terminal #:        ATMREP03                              Device Type:     NCR 5670
Device Name:       ATMREP03-ATM REPORTS                 Cycle #:         1
Location:          ATM REPORTS                          Date: from 12/04/2011 15:33:34 to

Number of Retained Cards:  1
-------------- --------------------- --------------------- --------------------- ---------------------
 Cassette              Loaded               Encashed              Refunded              Diverted
 Nm  Denom Curr. #        Amount        #        Amount        #        Amount        #        Amount
 ---- ------ --- ------ -------------- ------ -------------- ------ -------------- ------ --------------
 12    100 USD    0           0,00     4         400,00      0           0,00      0           0,00
                --- ------ -------------- ------ -------------- ------ -------------- ------ --------------
TOTAL for   USD    0           0,00     4         400,00      0           0,00      0           0,00


                ------ -------------- ------ -------------- ------ -------------- ------ --------------
Hash Total:        0           0,00     4         400,00      0           0,00      0           0,00


-------------------------------------------------------------------------------------------
Currency: USD                     Note Acceptance Advice           Posting Status: Posted
-------------------------------------------------------------------------------------------
Transaction Date    Target             Auth       Amount                Dispense
------------------- ------------------ ------ -------------- ------------------------------------
12/04/2011 15:52:48 4015-****-****-1554 529582       100,00   12(1)

TOTAL this Posting Status            Number of Transactions:                        1
                                     Balance:                               100,00



-------------------------------------------------------------------------------------------
Report created on:  06/12/2012 15:56:17  by:SUPERUSER                            Page 1 of 2
```

```
                                              ATM Cash In
Financial Institution:    Principal
-----------------------------------------------------------------------------------------------
Currency: USD                        Note Acceptance Advice             Posting Status: Waiting
-----------------------------------------------------------------------------------------------
Transaction Date    Target               Auth      Amount                    Dispense
------------------ ------------------ ------ -------------- -------------------------------------
12/04/2011 15:53:37 4015-****-****-1554 529602      100,00   12(1)

TOTAL this Posting Status            Number of Transactions:                              1
                                     Balance:                                        100,00


-----------------------------------------------------------------------------------------------
Currency: USD                         Pay by Cash Advice                Posting Status: Posted
-----------------------------------------------------------------------------------------------
Transaction Date    Target               Auth      Amount                    Dispense
------------------ ------------------ ------ -------------- -------------------------------------
12/04/2011 15:37:05 MEGAFON, Megafon                100,00   12(1)
                    payment,

TOTAL this Posting Status            Number of Transactions:                              1
                                     Balance:                                        100,00


-----------------------------------------------------------------------------------------------
Currency: USD                         Pay by Cash Advice                Posting Status: Waiting
-----------------------------------------------------------------------------------------------
Transaction Date    Target               Auth      Amount                    Dispense
------------------ ------------------ ------ -------------- -------------------------------------
12/04/2011 15:39:00 MEGAFON, Megafon                100,00 Not Configured  12(1)
                    payment,

TOTAL this Posting Status            Number of Transactions:                              1
                                     Balance:                                        100,00

TOTAL this currency                  Number of Transactions:                              4
                                     Balance:                                        400,00


-----------------------------------------------------------------------------------------------
Report created on:  06/12/2012 15:56:17  by:SUPERUSER                                Page 2 of 2
```

ATM Cassette

```
                                              ATM Cassette
Financial Institution:    Principal
-------------------------------------------------------------------------------------------------
Terminal #:        ATMREP01                                    Device Type:      NCR 5670
Device Name:       ATMREP01-ATM REPORTS                        Cycle #:          1
Location:          ATM REPORTS                                 01/01/2009 00:00:01  -

Number of Retained Cards:  0                     Cassette counters out of balance: 3, 2, 4
--------------- --------------------- --------------------- --------------------- ---------------------
   Cassette            Loaded             Dispensed            Retracted            Diverted             Available
 Nm  Denom Curr.  #      Amount      #       Amount     #       Amount      #       Amount      #       Amount
 ---- ------ --- ---- ------------- ---- ----------- ---- ----------- ---- ----------- ---- --------------
  1       50 USD   40    2 000,00   10     500,00   10     500,00   20   1 000,00    0         0,00
  2      100 USD   40    4 000,00    0       0,00    0       0,00    0       0,00   40     4 000,00
                  --- ---- ------------- ---- ----------- ---- ----------- ---- ----------- ---- --------------
 TOTAL for   USD   80    6 000,00   10     500,00   10     500,00   20   1 000,00   40     4 000,00

  3      100 EUR   40    4 000,00    0       0,00    0       0,00    0       0,00   40     4 000,00
  4       50 EUR   40    2 000,00    0       0,00    0       0,00    0       0,00   40     2 000,00
                  --- ---- ------------- ---- ----------- ---- ----------- ---- ----------- ---- ----------------
 TOTAL for   EUR   80    6 000,00    0       0,00    0       0,00    0       0,00   80     6 000,00


                  ---- ------------- ---- ----------- ---- --------- ---- ----------- ---- --------------
 Hash Total:       160   12 000,00   10     500,00   10     500,00   20   1 000,00  120    10 000,00
```

ATM Currency Exchange Report

```
                                ATM Currency Exchange Report
Financial Institution:    Principal
------------------------------------------------------------------------------------------
Terminal #:        ATM00003                        Device Type:     DIEBOLD BASE
Device Name:       ATM00003-OW                      Cycle #:         9
Location:          OW                               Date: from 14/02/2013 20:17:02 to 15.02.2013 13:29:24
------------------------------------------------------------------------------------------
Trans.date     Input amount    Change   Net input    Rounding   Comission  Exchange   Outward St
                        EUR        EUR         EUR         EUR         EUR      rate       USD
-------------- ------------ ------------ ------------ ------------ ------------ ---------- ------------ ---
15/02/13 13:28      200,00       0,00      200,00        4,65        0,00       1,54      300,00  P
                ------------ ------------ ------------ ------------ ------------            ------------
Totals:             200,00       0,00      200,00        4,65        0,00                   300,00
                        EUR        EUR         EUR         EUR         EUR                     USD


------------------------------------------------------------------------------------------
Terminal #:        ATM00003                        Device Type:     DIEBOLD BASE
Device Name:       ATM00003-OW                      Cycle #:         9
Location:          OW                               Date: from 14/02/2013 20:17:02 to 15.02.2013 13:29:24
------------------------------------------------------------------------------------------
Trans.date     Input amount    Change   Net input    Rounding   Comission  Exchange   Outward St
                        EUR        EUR         EUR         USD         EUR      rate       USD
-------------- ------------ ------------ ------------ ------------ ------------ ---------- ------------ ---
14/02/13 20:50      500,00       0,00      500,00        7,86        0,00       1,54      760,00  P
                ------------ ------------ ------------ ------------ ------------            ------------
Totals:             500,00       0,00      500,00        7,86        0,00                   760,00
                        EUR        EUR         EUR         USD         EUR                     USD


------------------------------------------------------------------------------------------
Report created on:  15/02/2013 13:45:48  by:SUPERUSER                                 Page 1 of 1
```

ATM Dispense

```
                                                    ATM Dispense
Financial Institution:   Principal
-----------------------------------------------------------------------------------------------------
Terminal #:        ATMREP02                                     Device Type:    NCR 5670
Device Name:       ATMREP02-ATM REPORTS                         Cycle #:        1
Location:          ATM REPORTS                                  06/04/2011 16:48:24  -

Number of Retained Cards:  1                        Cassette counters out of balance: 1, 3, 2, 4
-----------------------------------------------------------------------------------------------------
 Cassette            Loaded          Dispensed         Retracted         Diverted          Available
 Nm  Denom Curr.  #    Amount     #    Amount     #    Amount     #    Amount     #     Amount
 ---- ------ --- ---- ---------- ---- --------- ---- ---------- ---- ---------- ----- --------------------
 3     100 EUR   0      0,00     0     0,00      0     0,00      0      0,00      0        0,00
 4      50 EUR   0      0,00     0     0,00      0     0,00      0      0,00      0        0,00
                 --- ---- ---------- ---- --------- ---- ---------- ---- ---------- ----- --------------------
TOTAL for   EUR   0      0,00     0     0,00      0     0,00      0      0,00      0        0,00

 1      50 USD  500  25000,00    1     50,00     0     0,00      1     50,00    498     24900,00
 2     100 USD  500  50000,00    4    400,00     0     0,00      1    100,00    495     49500,00
                 --- ---- ---------- ---- --------- ---- ---------- ---- ---------- ----- --------------------
TOTAL for   USD 1000  75000,00    5    450,00     0     0,00      2    150,00    993     74400,00


                 ---- ---------- ---- --------- ---- ---------- ---- ---------- ----- --------------------
Hash Total:        0      0,00     5    450,00     0     0,00      2    150,00    993     74400,00
-----------------------------------------------------------------------------------------------------
Currency: USD                    ATM Advice                              Posting Status: Posted
-----------------------------------------------------------------------------------------------------
     Tr. Date          Card Number          Auth           Amount              Dispense
------------------- -------------------- ---------- ------------- ---------------------------------
06/04/2011 19:21:04  4015-****-****-1554  529261              100,00 Not Configured 2(1 D)
06/04/2011 19:34:15  4015-****-****-1554  529301              150,00  1(1 D) 2(1 D)
TOTAL this Posting Status              Number of Transactions:                       2
                                       Balance:                                 250,00
-----------------------------------------------------------------------------------------------------
Report created on:  06/12/2012 15:56:29  by:SUPERUSER                                   Page 1 of 2
```

```
                                          ATM Dispense
 Financial Institution:    Principal
 --------------------------------------------------------------------------------------------

 Currency: USD                    ATM Advice                          Posting Status: Waiting
 --------------------------------------------------------------------------------------------
       Tr. Date          Card Number          Auth          Amount                 Dispense
 -------------------- -------------------- ---------- -------------- ---------------------------------------
 06/04/2011 19:31:49  4015-****-****-1554  529281          200,00 Not Configured 2(2 D)

 TOTAL this Posting Status            Number of Transactions:                        1
                                      Balance:                                  200,00

 TOTAL this currency                  Number of Transactions:                        3

                                                          Pos Cst  By Trans   By Count   Balance
                                                          --- --- ---------- ---------- ----------
                                                           1   1          1          1          1
                                                           2   2          4          4          4
                                                           3   3          0          0          0
                                                           4   4          0          0          0
```

ATM Transactions Journal

```
                                  ATM Transactions Journal
Financial Institution:   Principal
-----------------------------------------------------------------------------------------
Terminal #:        ATMREP02                          Device Type:      NCR 5670
Device Name:       ATMREP02-ATM REPORTS              Cycle #:          1      Cash-Out
Location:          ATM REPORTS                       Date: from 06/04/2011 16:48:24 to

Number of Retained Cards:  1
-----------------------------------------------------------------------------------------
Currency: USD                        ATM Advice               Posting Status: Posted
-----------------------------------------------------------------------------------------
Transaction Date     Contract Number    Auth      Amount              Details
------------------- ------------------ ------ -------------- ------------------------------
06/04/2011 19:21:04 4015-****-****-1554 529261      100,00 2(1 D)
06/04/2011 19:34:15 4015-****-****-1554 529301      150,00 2(1 D) 1(1 D)

TOTAL this Posting Status            Number of Transactions:                         2
                                     Balance:                                   250,00


-----------------------------------------------------------------------------------------
Currency: USD                        ATM Advice               Posting Status: Waiting
-----------------------------------------------------------------------------------------
Transaction Date     Contract Number    Auth      Amount              Details
------------------- ------------------ ------ -------------- ------------------------------
06/04/2011 19:31:49 4015-****-****-1554 529281      200,00 2(2 D)

TOTAL this Posting Status            Number of Transactions:                         1
                                     Balance:                                   200,00

TOTAL this Currency                  Number of Transactions:                         3
                                     Balance:                                   450,00
```

ATM Status Report

```
       +--------------------------------------------------------------+
       !                                                              !
       !                     ATM Status Report                        !
       !                                                              !
       !                        Principal                             !
       !                                                              !
       !     Date From:                 01/02/2013                    !
       !                                                              !
       !     Date to:                   15/02/2013                    !
       !                                                              !
       !     Financial Institution:     Principal                     !
       !                                                              !
       !     Terminal ID:               ATM00003                      !
       !                                                              !
       !     Report Created on:         15/02/2013 14:18:52           !
       !                                                              !
       !     Printed by:                SUPERUSER                     !
       !                                                              !
       !     Number of Pages:           10                            !
       !                                                              !
       +--------------------------------------------------------------+

                            ATM Status Report
Financial Inst.: Principal                From 01/02/2013 to 15/02/2013
-----------------------------------------------------------------------
Terminal ID: ATM00003         Location: OW
Operation:   Cash by Code with ticket
-----------------------------------------------------------------------
Hardware          Error Level Status Message              Duration, in min
----------------  ----------- ---------------------------- --------------
Consumer Printer Error       Consumer printer out of paper          1,58
Dispenser        Fatal Error Jam between double-detect              1,42
                             switch and exit throat

TOTAL this Operation                     Error Time, in min         3,00


-----------------------------------------------------------------------
Terminal ID: ATM00003         Location: OW
Operation:   Cash by Code without ticket
-----------------------------------------------------------------------
Hardware          Error Level Status Message              Duration, in min
----------------  ----------- ---------------------------- --------------
Dispenser        Fatal Error Jam between double-detect              1,42
                             switch and exit throat

TOTAL this Operation                     Error Time, in min         1,42


-----------------------------------------------------------------------
Terminal ID: ATM00003         Location: OW
Operation:   P2P without ticket
-----------------------------------------------------------------------
Hardware          Error Level Status Message              Duration, in min
----------------  ----------- ---------------------------- --------------


TOTAL this Operation                     Error Time, in min         0,00


-----------------------------------------------------------------------
```

```
Terminal ID: ATM00003           Location: OW
Operation:   P2P with ticket
-----------------------------------------------------------------------------
Hardware          Error Level Status Message               Duration, in min
----------------- ----------- ------------------------------ --------------
Consumer Printer Error        Consumer printer out of paper            1,58

TOTAL this Operation                    Error Time, in min               1,58


-----------------------------------------------------------------------------
Terminal ID: ATM00003           Location: OW
Operation:   ATM Service without ticket
-----------------------------------------------------------------------------
Hardware          Error Level Status Message               Duration, in min
----------------- ----------- ------------------------------ --------------

TOTAL this Operation                    Error Time, in min               0,00


-----------------------------------------------------------------------------
Terminal ID: ATM00003           Location: OW
Operation:   ATM Service with ticket
-----------------------------------------------------------------------------
Hardware          Error Level Status Message               Duration, in min
----------------- ----------- ------------------------------ --------------
Consumer Printer Error        Consumer printer out of paper            1,58
TOTAL this Operation                    Error Time, in min               1,58


-----------------------------------------------------------------------------
Terminal ID: ATM00003           Location: OW
Operation:  Balance Inquiry with ticket
-----------------------------------------------------------------------------
Hardware          Error Level Status Message               Duration, in min
----------------- ----------- ------------------------------ --------------
Consumer Printer Error        Consumer printer out of paper            1,58

TOTAL this Operation                    Error Time, in min               1,58


-----------------------------------------------------------------------------
Terminal ID: ATM00003           Location: OW
Operation:   Collection with ticket
-----------------------------------------------------------------------------
Hardware          Error Level Status Message               Duration, in min
----------------- ----------- ------------------------------ --------------
Consumer Printer Error        Consumer printer out of paper            1,58

TOTAL this Operation                    Error Time, in min               1,58

Terminal ID: ATM00003           Location: OW
Operation:   Deposit with ticket
-----------------------------------------------------------------------------
Hardware          Error Level Status Message               Duration, in min
----------------- ----------- ------------------------------ --------------
Consumer Printer Error        Consumer printer out of paper            1,58

TOTAL this Operation                    Error Time, in min               1,58
```

ATM Balances by Period

```
                                           ATM Balances by Period
Financial Institution:   Principal                              From 01/01/2009 00:00:00 to 31/01/2009 00:00:00
--------------------------------------------------------------------------------------------------------------
Terminal #:       ATMREP01
Device Name:      ATMREP01-ATM REPORTS
Location:         ATM REPORTS
Device Type:      NCR 5670
                                                        Cash-In
-------------------- --------------------- --------------------- ------------------- -------------------
    Cassette                  Loaded                 Encashed             Refunded             Diverted
   Nm     Denom Curr.  #        Amount        #         Amount       #        Amount      #        Amount
--------- ------ --- ------ --------------- ------ -------------- ------ ------------ ------ ------------

12            10 USD     0            0,00     20        200,00      0          0,00      0          0,00


              --- ------ --------------- ------ -------------- ------ ------------ ------ ------------
TOTAL for         USD     0            0,00     20        200,00      0          0,00      0          0,00
                                                        Cash-Out
-------------------- --------------------- --------------------- ------------------- -------------------
    Cassette                  Loaded                 Dispensed            Retracted            Diverted
   Nm     Denom Curr.  #        Amount        #         Amount       #        Amount      #        Amount
--------- ------ --- ------ --------------- ------ -------------- ------ ------------ ------ ------------

3            100 EUR    40        4 000,00      0          0,00      0          0,00      0          0,00
4             50 EUR    40        2 000,00      0          0,00      0          0,00      0          0,00
              --- ------ --------------- ------ -------------- ------ ------------ ------ ------------
TOTAL for         EUR    80        6 000,00      0          0,00      0          0,00      0          0,00

1             50 USD    40        2 000,00     10        500,00     10        500,00     20      1 000,00
2            100 USD    40        4 000,00      0          0,00      0          0,00      0          0,00
              --- ------ --------------- ------ -------------- ------ ------------ ------ ------------
TOTAL for         USD    80        6 000,00     10        500,00     10        500,00     20      1 000,00
```

ATM Total Amount

```
+------------------------------------------------------------+
!                                                            !
!                     ATM Total Amount                       !
!                                                            !
!                        Principal                           !
!                                                            !
!     Date From:                    01/01/2011               !
!                                                            !
!     Date to:                      07/04/2011               !
!                                                            !
!     Report Created on:            06/12/2012 15:56:41       !
!                                                            !
!     Printed by:                   SUPERUSER                !
!                                                            !
!     Number of Pages:              2                        !
!                                                            !
+------------------------------------------------------------+


                      ATM Total Amount
 Financial Inst.: Principal                 From 01/01/2011 to  07/04/2011
 --------------------------------------------------------------------------
 Contract #: 009-C-902198        Contract name: ATM_REPORTS_SHORT_NAME1
 --------------------------------------------------------------------------
 Val.Date:  06/04/2011                       Currency: USD
 Channel:   Our VISA Cards                   Status:   Posted
 --------------------------------------------------------------------------
 Terminal ID  Cycle N of Trans              Amount              Discount
 -----------  ------ ----------  ---------------------  ---------------------
 ATMREP02       1        2               250,00                     0,00

 Total this Channel & Status       Amount:               250,00
                                   Discount:               0,00


 --------------------------------------------------------------------------
 Val.Date:  06/04/2011                       Currency: USD
 Channel:   Our VISA Cards                   Status:   Waiting
 --------------------------------------------------------------------------
 Terminal ID  Cycle N of Trans              Amount              Discount
 -----------  ------ ----------  ---------------------  ---------------------
 ATMREP02       1        1               200,00                     0,00

 Total this Channel & Status       Amount:               200,00
                                   Discount:               0,00

 Total this Posted                     250,00                     0,00
 Value Date Waiting                    200,00                     0,00
 & Currency




 --------------------------------------------------------------------------
 Created on: 06/12/2012 15:56:41 by:SUPERUSER                        P. 2/2
```

ATM Current Balance

```
                                    ATM Current Balance
 Financial Institution:   Principal
--------------------------------------------------------------------------------------------
 Fin. Inst.:  Principal                                                   Currency:    USD
--------------------------------------------------------------------------------------------
 Terminal ID  Cycle Type                     Name Pos  Denomination  Available      Amount Available
 -----------  ------------------------------ ---- --- ------------- ----------- -------------------------
 ATM00003     Cash-Out                        D    2     100.00          0                       0,00
 TOTAL this Terminal        ATM00003                                                    0,00

 TOTAL this Currency    Amount Available:                          0,00


--------------------------------------------------------------------------------------------
 Fin. Inst.:  Principal                                                   Currency:    EUR
--------------------------------------------------------------------------------------------
 Terminal ID  Cycle Type                     Name Pos  Denomination  Available      Amount Available
 -----------  ------------------------------ ---- --- ------------- ----------- -------------------------
 ATM00001     Cash-Out                        3    3     100.00          0                       0,00
              Cash-Out                        4    4      50.00          0                       0,00
 TOTAL this Terminal        ATM00001                                                    0,00

 ATM00003     Cash-Out                        E    3     100.00          0                       0,00
 TOTAL this Terminal        ATM00003                                                    0,00

 TOTAL this Currency    Amount Available:                          0,00


--------------------------------------------------------------------------------------------
 Fin. Inst.:  ATM Reports                                                 Currency:    USD
--------------------------------------------------------------------------------------------
 Terminal ID  Cycle Type                     Name Pos  Denomination  Available      Amount Available
 -----------  ------------------------------ ---- --- ------------- ----------- -------------------------
 ATMREP01     Cash-In                         12   0      10.00         10                     100,00
 TOTAL this Terminal        ATMREP01                                                  100,00

 ATMREP03     Cash-In                         12   0     100.00          4                     400,00
 TOTAL this Terminal        ATMREP03                                                  400,00

 TOTAL this Currency    Amount Available:                        500,00
```

ATM Retracts Journal

```
                        ATM Retracts Journal
 Financial institution: Principal          From 01/02/2013 to  12/02/2013

 ----------------------------------------------------------------------
 Note, this report shows the retract status messages received
 from ATMs and lists the dispense operations during previous 5 minutes.
 It does not provide the actual amount of money retracted during
 operations. Some ATMs do not send rectract information.


Message time     Terminal ID     Terminal location    Message text
   Transaction time  Card Number         Amount Currency Posting Status
 ----------------------------------------------------------------------
F.institution:  Principal

12/02/2013 18:10:07 ATM00003     OW  Customer had cash-Door unlocked.
                                     Fault on present

    12/02/2013 18:08:08  4015-****-****-5478   100,00 USD      Waiting

12/02/2013 18:44:17 ATM00003     OW  Customer had cash-Door unlocked.
                                     Fault on present


12/02/2013 18:47:23 ATM00003     OW  Customer had cash-Door unlocked.
                                     Fault on present

    12/02/2013 18:47:00  4015-****-****-5478   100,00 USD       Waiting
    12/02/2013 18:46:47  4015-****-****-5478    20,00 USD       Waiting
    12/02/2013 18:45:57  4015-****-****-5478   150,00 USD       Waiting

 ----------------------------------------------------------------------
Total for Principal: 3 messages

 ----------------------------------------------------------------------
Report created15/02/2013   by:SUPERUSER                   Page 1 of 1
```

ATM Balances

```
                                                      ATM Balances
Financial Institution:    Principal                                               From 01/01/2009 to 31/01/2009
-----------------------------------------------------------------------------------------------------------------
Financial Institution        ATM Reports
-----------------------------------------------------------------------------------------------------------------
ATM ATMREP01                            Repl Cycle 911                   From 01/01/09 00:00:01 To
Cassete       Pos  Denomination       Loaded  Dispensed   Diverted  Retracted  Available       Available Amnt
------------  ---  --------------  ----------  ----------  ----------  ----------  ----------  ------------------
DBP3    3      3    100,00 EUR          40           0           0           0          40         4 000,00 EUR
DBP4    4      4     50,00 EUR          40           0           0           0          40         2 000,00 EUR
                                                                                                   ------------------
                                                                                        Total      6 000,00 EUR


-----------------------------------------------------------------------------------------------------------------
ATM ATMREP01                            Repl Cycle 932                   From 01/01/09 00:00:01 To 02/01/09 00:00:01

Cassete       Pos  Denomination       Loaded  Dispensed   Diverted  Retracted  Available       Available Amnt
------------  ---  --------------  ----------  ----------  ----------  ----------  ----------  ------------------
CBN12   12     0     10,00 USD           0         -10           0           0          10           100,00 USD
                                                                                                   ------------------
                                                                                        Total        100,00 USD
-----------------------------------------------------------------------------------------------------------------
ATM ATMREP01                            Repl Cycle 952                   From 02/01/09 00:00:02 To

Cassete       Pos  Denomination       Loaded  Dispensed   Diverted  Retracted  Available       Available Amnt
------------  ---  --------------  ----------  ----------  ----------  ----------  ----------  ------------------
CBN12   12     0     10,00 USD           0         -10           0           0          10           100,00 USD
                                                                                                   ------------------
                                                                                        Total        100,00 USD
```

ATM Balance Report

```
                                           ATM Balance Report
Financial Institution:     Principal                                        From 25/02/2013 to 01/03/2013


ATM ATM00003            Repl Cycle 503                  From 15/02/13 21:41:11  To
--------------------------------------------------------------------------------------------------
Cassete      Pos  Denomination     Loaded  Dispensed   Diverted  Retracted  Available     Available Amnt
-----------  ---  -------------  ----------  ----------  ----------  ----------  ----------  --------------------
DBP1 C        1   10,00 USD        1000        15          8          2          975          9 750,00 USD
DBP2 D        2   50,00 USD        1400         9          8          2        1 381         69 050,00 USD
                                                                                           --------------------
                                                                                 Total       78 800,00 USD


--------------------------------------------------------------------------------------------------
Report created on:  05/03/2013 21:17:00  by:SUPERUSER                                        Page 1 of 1
```