



OLYMPIC[®]

BANKING SYSTEM

CENTRAL BANKS

Overview

- Cash & Vault Management - Cash transactions (tellers)
- National and International payments
- Account Holding
- E-banking
- Management of reserves and holding of assets
- Manage issues of sovereign and local government • bonds
- Custodian Services
- Lending activities
- Internal administration

...

INTRODUCTION

OLYMPIC Banking System is an integrated banking and portfolio/investment management software package providing functional coverage for institutions across the whole of the banking sector. The range of organisations using OLYMPIC Banking System each day includes private, retail and Central Banks as well as other financial institutions. Here is a succinct overview of the functional coverage found within OLYMPIC Banking System for those activities typically undertaken by Central Banks. Depending on the functional requirements of a Central Bank, it is possible that other functionality and/or modules available within OLYMPIC Banking System, such as those related to Retail or Commercial Banking, may be appropriate. ERI is available to discuss with each Central Bank their precise functional requirements.

FUNCTIONAL COVERAGE

CASH & VAULT OPERATIONS

Encashment of cheques presented against the bank's customers

Payment of cheques previously issued with automatic update of issued cheques record;
This can be done manually or automatically via an interface with a clearing system.

Exchange local currency against foreign currency for clients or passers-by

Cash teller transactions to buy or sell foreign currency notes against cash or via client's account, recording the denominations and with automatic printing of confirmations.
Real-time update of cash positions (including denominations) and currency positions.

Receive cash payments and cheques from customers to pay into their accounts

Teller transactions to credit customers' accounts, with automatic printing of confirmations. (For electronic transfers see National and international payments).
Management of cheques drawn on other banks to be sent for payment, both manually and via the local clearing system.

Record cash stocks per physical location and per cashier, including their denominations

On-line real-time view of cash positions per location (vault, teller desks, in transit, etc) and per denomination; also in report form for audit trail.
Revaluation of foreign exchange cash positions.

Record physical movements between locations (vault to cashier, etc.)

Transactions to record the movement of cash (including denominations) between locations.
Possibility to define minimum authorisation levels, per amount.

Swap old or damaged bank notes and/or coins for new or for those in better condition

Teller transactions to swap bank notes and/or coins for those in better condition, with recording of denominations and automatic update of positions, including management of transactions for sending damaged stock for sorting and eventual destruction.

Sell gold and commemorative coins to clients or passers-by

Cash teller transactions to sell gold and commemorative coins with automatic update of stock positions; Gold positions can be maintained per weight and per type.

NATIONAL AND INTERNATIONAL PAYMENTS

Connection with and payments through national RTGS system

Connection with, and possibility to act as central clearer for, the national Real Time Gross Settlement System.

Correspondent banking services for local banks

Management of accounts held for other banks, with automatic calculation of interest and fees, and generation of account statements (in report form or as SWIFT MT950).
Possibility of internet access to real-time account data by customers.

Foreign currency transactions for own account or on behalf of customers and third parties

Processing of spot, outright and swap transactions with automatic generation of SWIFT confirmation and payment instructions;
Monitoring and revaluation of currency positions;
Possibility to separate currency positions per activity.

Interface with international clearing systems

Interface with international clearing systems via automatic generation and reception of SWIFT messages or via generic OLYMPIC Banking System interfaces. The development of specific interfaces with proprietary systems is also possible.

International payments through correspondents using the SWIFT network

Input of international payments and automatic generation of relevant SWIFT messages.
Management of accounts held at international correspondents and reception of SWIFT messages for automatic account reconciliation.

National and international transfers for own account or on behalf of customers

Processing of national and international incoming, outgoing and account to account funds transfers. with automatic generation of SWIFT messages. Input can be manual or automatic, based on incoming SWIFT messages or injection using OLYMPIC Banking System generic interfaces.

National clearing system

Act as national clearer by automatic processing of incoming and outgoing payments or interface with an external national clearing system.

ACCOUNT HOLDING

Cash Management services

Management of a variety of cash management services, including the pooling of accounts and the netting of interest calculations without actual pooling of balances.

Provision of secure internet access to customers to inquire on account balances, and input transfer and payment instructions

Provision of accounts and associated services

Management of bank accounts for customers, including the calculation of fees and interest, and the printing of statements. Account types can include demand deposits as well as savings and deposit accounts with a fixed term.

Interest rates can be fixed, linked to Base Rates, or linked to another formula.

Fees can be calculated based on a variety of conditions, including value of account balance, volume of transactions etc.

E-BANKING

Provision of a secure, internet-based, service which can be secured using a variety of methods including user authorisations, tokens, etc.

Multiple services to customers via an internet portal, including management of accounts and securities positions, downloading of reports, statements and other documents, and the input of transfer, payment and securities orders.

Management of communications from customers using a secure email connection.

Management of customers' access rights and permissions.

MANAGEMENT OF RESERVES AND HOLDING OF ASSETS

Bank reserve requirements

Identification and remuneration of client bank's assets placed with central bank to fulfil reserve requirements.

Gold reserves

Purchase and sale of gold reserves and on-line revaluation of the bank's holdings.

Holdings in public and corporate bonds and other quoted instruments

Purchase and sale of bonds for the bank's own account.

Automatic generation of corporate actions based on announcement received automatically or manually from a data provider.

On-line revaluation of the portfolio based on latest quotations.

Manage issues of sovereign and local government bonds

Act as primary depositary for the issuance of sovereign and local government bonds; manage issues, redemptions and coupon payments.

Monetary policy transactions

Sight, overnight and term takings and placements to influence the national money supply.

Special drawing rights

Purchase and sale of IMF Special Drawing Rights and maintenance of the position.

CUSTODIAN SERVICES

Provide custody services to governments, international organisations and national and local government bodies.

Manage securities positions for institutional customers and provide reporting in the form of SWIFT messages and printed account statements.

Manage the coupon and dividend payments, including the deduction of withholding taxes where relevant, and the production of appropriate confirmations and advices.

Calculate and apply the impact of corporate actions, including the generation of such transactions automatically based on incoming SWIFT messages.

LENDING ACTIVITIES

Lending to banks and other entities.

Loans can have various types of collateral:

- Pooling (collateralised by a pool of assets deposited by the borrower).
- Specific (collateralised by specific assets: securities or cash).
- Monitoring of credit line utilisation and collateral coverage.
- Management of review dates and interest and fee conditions.
- Management of repayments, and calculation of penalties where necessary.

OLYMPIC BANKING SYSTEM

Search Orders Transactions UCITS Securities Banking services Management Reports Adm

List of Cash accounts per currency

Search

Currency: 840 - USD

Pending	Account	Category	Bank Switch Service - in/out	Active Status	Item	Balance
	0060000/010-003-840	010 - TELLER CASH			3-	0.00 USD
	0060000/010-004-840	010 - TELLER CASH			4-	-262.39 USD
	0060000/010-503-840	010 - TELLER CASH			503-	-3'632.20 USD

Denominations: 0000006/010-004-840

Return

Denominations

Total amount: 3'632.20

Currency: 840 - USD

Check denominations: Yes

Choose denominations

100.00	X		22			
50.00	X		14	0.50	X	200
20.00	X		11	0.25	X	500
10.00	X		10	0.10	X	1'002
5.00	X		3	0.01	X	1'000
1.00	X		62			

OLYMPIC BANKING SYSTEM
by **ERI**

INTERNAL ADMINISTRATION

General ledger, balance sheets and other financial reporting

Integrated real-time booking of transactions in general ledger, maintenance of one or more balance sheets mapped dynamically from the general ledger, with automatic booking of interest accruals.

Calculation and booking of FX and securities revaluation results.

Management of Accounts Payable

Automatic recording of supplier invoices and credit notes; allocation by cost centre; maintenance of payables per supplier and automatic generation of invoice payment when due.

MIS (operational statistics, profitability, etc.)

OLYMPIC Banking System has a series of standard reports and it is also possible for the bank to produce its own customised reports by exploiting the OLYMPIC Banking System data base. Possibility to extract data from OLYMPIC Banking System data base to an external data warehouse or use the data warehouse provided by OLYMPIC Banking System that can also process external data to meet a variety of reporting requirements.

ERI

ERI is a large international company, specialized in the design, development, implementation and support of OLYMPIC Banking System, a real time integrated banking software package. Well established in all the major European financial centres, ERI's policy is to be close to its clients and it is therefore present in Geneva, London, Lugano, Luxembourg, Paris, Singapore and Zurich.

ERI, with more than 500 highly qualified staff members, has made quality of service its main priority. Consequently, ERI provides all services necessary to fully satisfy each client's specific requirements: advice, project management, analysis, development, customisation, support and maintenance.

Over 300 clients from 50 countries in Europe, USA, South America, Japan and Asia have already chosen OLYMPIC Banking System.

How to contact ERI

Email: eri@eri.ch Internet: www.eri.ch www.olympic.ch

Marketing-Sales Email

GENEVA	Tel. + 41	22 342 12 29	Fax + 41	22 343 09 12	gvamkt@gva-eri.ch
LONDON	Tel. + 44	207 947 4008	Fax + 44	207 947 4127	ldnmkt@ldn-eri.co.uk
LUGANO	Tel. + 41	91 913 95 00	Fax + 41	91 913 95 01	lugmkt@lug-eri.ch
LUXEMBOURG	Tel. + 352	46 10 50 1	Fax + 352	22 42 22	luxmkt@lux-eri.lu
PARIS	Tel. + 33	1 55 37 85 85	Fax + 33	1 45 74 36 37	parmkt@par-eri.fr
SINGAPORE	Tel. + 65	6622 5959	Fax + 65	6622 5960	asiamkt@sin-eri.sg
ZURICH	Tel. + 41	44 204 93 00	Fax + 41	44 204 93 01	zrhmkt@zrh-eri.ch

