

# **PORTFOLIO MANAGEMENT INFORMATION SYSTEM (PMIS)**

## **General Overview**

- 1- It is based on the multi-Portfolios concept
- 2- Each client has a unique identification number.
- 3- The user specifies the application's run date, which is independent of the computer's system date.
- 4- An end of day procedure is performed to automatically close the day's activities, post them to the relevant history files, and produce an audit of these activities. The appropriate counters and data files are also initialized at this stage.
- 5- Internal audit reports are provided to maintain controls.
- 6- The system is multi-user, whereby several users can access the applications and database simultaneously.
- 7- Security is not compromised; only authorized persons can access the system, and even then only those parts of the system for which the user was given access privilege.
- 8- PMIS is a GUI based system built with Oracle Designer and Developer to provide an easy and helpful environment for the user to work in.
- 9- PMIS is a bi-lingual system (English and Arabic).
- 10- The date format is DD/MM/YYYY to cater for the year 2000 and beyond.
- 11- The system keeps a history of all transactions and operations. These may be backed up onto off-line media for subsequent restoration if the need arises.

- 12- PMIS makes full use of parameters and codes. Such a concept allows consistency in data storage and flexibility in retrieval of information.
- 13- PMIS can be implemented on a wide range of computers, ranging from a LAN network to Mini and Mainframe computers. In fact, PMIS can be run over 500 hardware platforms. This means that the software investment is protected, allowing the user to upgrade the hardware without applying any modifications to the software.
- 14- The system can be readily modified to handle specific user requirements. It is also continually enhanced: changes taking place in the Information Technology industry are evaluated and incorporated into PMIS if they are deemed beneficial.

## **Portfolio Management Overview**

- 1- Any kind of trade may be handled by the system such as:
  - \*Purchasing
  - \*Selling
  - \*Depositing
  - \*Withdrawing
  - \*Bonuses
- 2- One type of securities can be traded:
  - \*Shares
- 3- PMIS handles Fixed Deposits and other investments.
- 4- Prior to executing a purchase, the cash position of the portfolio is checked. Upon exercising a purchase trade, the following takes place immediately:
  - \*The average cost is affected
  - \*The portfolio's security holding is updated
  - \*The selected bank account is affected

- 5- Prior to executing a sale, the portfolio's security holding is checked. Upon exercising a sale trade, the following takes place immediately:
  - \*The profit/loss account is affected
  - \*The portfolio's security holding is updated
  - \*The selected bank account is affected
- 6- For local trades, the coupon details are entered and the system automatically generates the commissions and charges.
- 7- Trades are given unique numbers which are generated by the system. These numbers are used to identify each trade individually.
- 8- The local Securities module performs all the related back office operations, as stipulated by the Kuwait Stock Exchange and the Kuwait Clearing Company.
- 9- The holdings of all portfolios are affected at trade date, while the value date is used for settlement reconciliation and reporting. From the accounting aspect, a trade will automatically affect the ledger and the available balances accordingly.
- 10- Calculation of interest for interest-bearing accounts, be it the company's or clients' taking into consideration the value date, the applicable interest rates, and whether the interest is credit or debit.

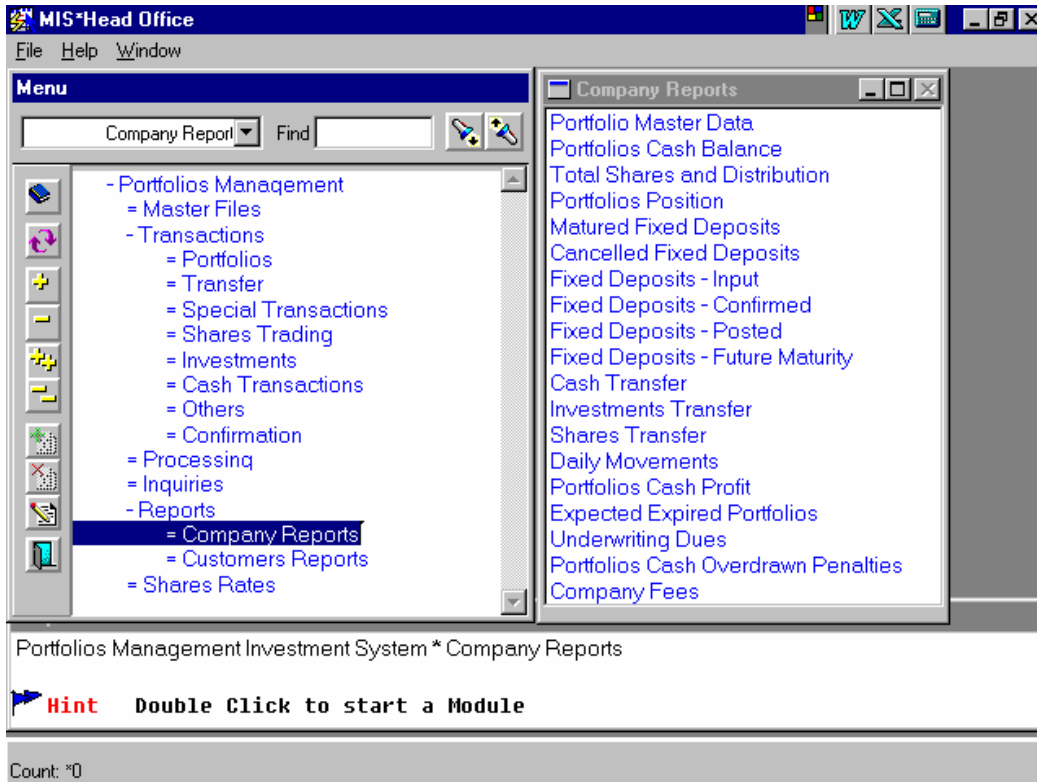
**The following management reports can be produced in PMIS:**

- \*Presentable Balance Sheet produced from GL module.
- \*Profit/Loss Statement
- \*Income Statement
- \*Expenses Statement
- \*Statement Of Investment
- \*Cash Flow Analysis
- \*Daily Statement of clients' portfolios
- \*Daily statement of company's portfolios

\*An internal evaluation report for the clients' portfolios, where the following fields of information appear:

- Number Of Shares
- Security Cost
- Market Value
- Realized Capital Gain/Loss
- Unrealized Capital Gain/Loss
- Variance Percentage
- Cash Dividends Received

\*Listing of trades exercised by brokerage firms to allow the management to measure the volume of transactions performed by and with every specific firm



MIS-Head Office - [PRTF\_QRY]

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### Portfolios General Inquiry

<b>Portfolio</b>	300	<b>ercentage</b>	<b>Type</b>	3	Company - Portfolio
<b>Owner</b>	Moustafa Rashed Eygeptian				
<b>From/To Date</b>	01-01-1997	/	01-01-1999	<b>Status</b>	1 Active
<b>Fees Deducti</b>	2	Weekly	<b>Manager</b>	1	
<b>Cash In</b>	2	CBK Saving	45775-6786	Saving	

<b>Cash In Bank</b>	130,300.820	<b>Deposit1 Valu</b>	100,946.000
<b>Maqassa Cash</b>	307.541	<b>Current Value</b>	300,686.061
<b>Reserved Cas</b>	0.000	<b>Profit/Loss</b>	199,740.061
<b>Total Cash</b>	130,608.361	<b>Profit/Loss %</b>	197.87

	<b>Realised</b>	<b>Unrealised</b>	<b>Investment Profit/Loss</b>
<b>Shares Profi</b>	-30,534.515	541,927.226	567.000

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