

LEOBIZ – ERP Plus

FINANCIAL SERVICES INDUSTRY

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General

LeoBiz ERP system provides complete system for a financial Institutions irrespective size and Category,

Main objective is to

- Reduce the operating cost especially man power cost by incorporating reengineered Business Processes
- Improve Customer service time and quality
- Efficient Management of Credit risk by monitoring Credit Quality
- High Degree of Controls such that No Transaction or Changes to Customer/products attributes can not be change changed by single person. It

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requires a maker /authorizer and at times an Approver.

Agility - Parameters

It's main architectural advantage that it is very agile and will be able to support any new product the institution wants introduce mostly by parameters and rarely by Enhancement/Customization.

It means that you never use any manual procedure to maintain your client accounts even if you introduce new products.

Its functionalities are also used by commercial institutions by use of Parameters when they manage their funds by borrowing from or Invest in Financial institutions.

Agility - Development Tool

Even enhancement/Changes will be very fast thanks to the *Mensitpi* tool - no Code/low code Development tool, it is built on.

This is No Code/low code tool enabled Business Graduates not IT Techies built the product. This makes the product a Business centric and not IT centric Product with ease of use and Optimized Business Processes

Multi Company Multi currency

LeoBiz ERP system is multicurrency Multi Company. It will handle client accounts in all currencies

Western and Sharia Law

It will support both

- Interest based lending borrowing in western Style and
- Profit sharing lending/borrowing of Sharia Law

Document Management'

In Financial Institutions documents are part and parcel of Business Process. System supports documents to be Captured/Authorized along with Transactions

from the evaluation of credit and during the life time of credit.

Know your customer along with associated documents is part and parcel of the system.,

Integrated Customer electronic filing

This enables the support of electronic filing of Client documents and they will be associated with the respective Customers/ accounts/ Transactions so that these could be accessed very easily by required people simultaneously. With computer evidence act, you can do away with messy and costly record room as electronically stored documents are valid evidence in civil and criminal cases.

General Ledger integration

Client Accounts are fully integrated with General Ledger

Complete ERP System

It is a true ERP system for Financial Institutions. It supports apart from client Accounts

- Purchasing and inventory control
- Human resource management
- Fixed asset management
- Rent management
- Commercial accounts receivable/ payable

And these are also fully integrated with General Ledger

Support for Financial Service Product

LeoBiz-FSI architecture is simple but sophisticated. It enables it to support all financial services products irrespective of its name and collaterals used to secure the lending. All the financial service products, irrespective of their names designated will fall into one these.

- Borrowing

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- Lending
- Guaranteeing
- Collecting/Paying
- Currency Exchange

LeoBiz-FSI supports all these functionalities. It is parameterized such that every product can use all the functionalities in a consistent manner with the exact behavior determined by the parameters

Lending and Borrowing.

It supports client accounts of the following types for both lending and borrowing

- Demand Accounts
- Time Accounts
- Term Accounts
- Equity Investment Accounts

It supports guarantees and collection/payment accounts

- Guarantees
- Collection/Payments

It supports

- Forward Buy/Sell Contracts

All the accounts of given entity will be linked so that total business given by a client and the total exposure to the client can be easily seen.

Demand Accounts

This type of borrowing/lending accounts is in which the transaction takes place at random.

It will handle both Customers and other Financial Institutions

The Client accounts that fall into this category are

- Borrowing
 - Current Account
 - Savings account
- Lending
 - Overdraft Account
 - Advance in current Account
 - Secured Overdraft (SOD)
 - Cash Credit (CC)

- Factoring Accounts etc

The FI accounts that fall into this category are

- Borrowing
 - Their Account with us (Vostro)
- Lending
 - Our Account with them (Nostro)

System will keep track of the transactions and balances as when transactions take place. Interest will be computed periodically. Interest that is computed will be debited/ credited to the specified client Account periods specified by the Parameter.

Time Accounts

These type accounts are opened with initial amount and will have a maturity period after which the account will be closed or renewed or set to Past Due Obligation depending on the parameters.

These accounts could be closed depending on parameters at the end of the maturity period or before.

Interest will be accrued periodically. However, interest will be debited /credited to the client account depending on the parameters.

The Client accounts that fall into this category are

- Borrowing
 - Time Deposits
 - Call Deposits
 - Certificate Of deposits
- Lending
 - Bills Discounted
 - Payment Against LC
 - Trust Loans
 - Import Loan
 - Packing Credit
 - Loan Hypothecation
 - Pawning/Gold Loans
 - Commercial paper
 - Debentures

The FI accounts that fall into this category are

- Borrowing
 - Interbank borrowing

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- Lending
 - Interbank placements
 - Treasury Bills
 - Government Bonds

Term Accounts

These accounts are in which the capital amount is given at the time the account is opened. Capital and interest is repaid periodically over a period of time.

Interest is accrued periodically. Interest is debited credited to the account based on contractual terms defined in the parameters.

The Client accounts that fall into this category are

- Lending
 - Leases
 - Hire Purchase
 - Project Loans

Foreign Currency Trading

Buy/Sell

Not Implemented

Arbitrage

Not Implemented

SWAP

Not Implemented

Guarantees

It will handle all type guarantees, conditional and unconditional

- Letter of credit
- Guarantees

Collection

It will handle all type collections and payments.

- Cleans Bills
- Clean bills purchase

Other features

Central Liability

All the lending products can be associated with collaterals that are used to secure them.

Collaterals can be

- External assets
 - Land and building
 - Inventory
 - Personal guarantee
- Financial assets such as
 - Time deposits
 - Savings account

Interest Computations

Interest Computation Engine

Interest computation is performed by an engine which will operate on any type of accounts based parameters set for the given product. It covers varied type of interest computation methods used for financial service products.

It could be easily enhanced to cater any new methods the organization wants to apply.

Interest computation Engine Takes into consideration

- Annual Interest rate applicable
- Interest is for month or for day
- If it is for day, Interest base ,i.e. number of days for which interest rate is applicable if interest is calculated
- Amount on which interest is applicable
- Minimum balance required for interest computation
- Minimum interest applicable for period

Interest Definition

Base Rate and Spread

Interest is specified for all products in terms of Base Rate and Spread. Base rate will be associated with Central Bank rates and can be varied from time to time. For each Product the applicable base Rate could be fixed or varying during the tenure.

Different spread will be specified for each Product and it can also vary with time and

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could be fixed or varying during the tenure of the Contract.

Spread for different Contract period

Spreads could vary for different contract period such as 30 days, 60 days, 90 days, 180 days and 365 Days.

Spread for Different Amount

Spread could vary for different amounts. Applicable spread could be slab based or could be Balance based. Normally, not necessarily always, slab based will be applicable for lending and Balance based will be applicable to Deposits,

Customer Variation

You will have the ability to vary the Interest Computation for Customers if you want.

Special rate

For a given customer a different spread could be specified.

Negotiated Rate

Rate will not be based on Base and spread but specific Rate that will not change until renegotiated.

Account Status and GL account

Client Accounts especially loans could be in different state. If the account is within the limit for demand accounts and repayment is as per schedule for other accounts, the account status will be normal.

Temporarily Overdrawn

However, if the outstanding more than Limit or repayment is delayed, account will not be normal.

It will fall into Temporary Overdrawn. System will transfer account at the end of the day to such status and The Balance in General Ledger will be transferred to a different GL account

Past Due Obligation

After specified Number of Days, if the amount is not brought within Limit or if the repayment is nor done, Account will be transferred to Past Due Obligation and Balance will be transferred to Past Due Obligation Ledger Balance of the given Product, at the end of day by the system

Non-Accrual Past Due Obligation

After specified Number of Days in Past due Obligation, if the amount is not brought within Limit or if the repayment is nor done, Account will be transferred to Non-Accrual Past Due Obligation and Balance will be transferred to Non Past Due Obligation Ledger Balance of the given Product, at the end of day by the system

Interest accrued will not be credited to Income but to a liability Account specified in the Parameter

Nostro account reconciliation

Your account with other financial institution will have to be reconciled with the statement provided by them. For a bank these are known as Nostro account while for non-banking financial Institutions these are known as 'Bank Accounts'

Since this is a total system, you will have all your transactions in one system, therefore you will be able to use the system to reconcile the Nostro Account.

Payments by checks or bank Transfers for all type of payments i.e not only client account payments but also commercial Creditors payments could be generated by the system. These could be reconciled with Nostro account automatically by the system using Check No as reference, if these statements are obtained in electronic format.

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Productivity Tools

Excel/Files upload for Conversion

At the time conversion, data can be uploaded using Excel upload functionality for Master data, Opening balances etc.

Excel/Files upload for Transaction

Some of the transactions can be captured using Excel Uploads

Copy paste of Excel/Word for Transaction processing

Transaction can be captured by Copy/paste of data excel such as Bank statements, Serial Nos of Equipment etc.

Export of Reports to Excel

All the reports can be exported to Excel and can be further analyzed if required

Data Exportable to Excel/Word

- All the data seen in the screen in a tabular form can be exported to
 - Excel
 - Word
 - HTML documents

User definable queries- BI Tools

Users can formulate queries involving summary to provide management information. These queries can be save for recurrent execution if required with some parameters specified at the runtime or they can be edited by the user before executing

Outputs can be generated as graph as well

Security and Control

Role based Application User rights

Application system incorporates high standard system access security. Apart from Standard User Id/Password, each user can be assigned roles that he could take and each role could be assigned functions that can be

executed. This enables customization of the functions that each user can execute and configurable and re-assignable at any given time.

Dual control security administration

System administration unlike other systems cannot be controlled by a single super user. All the security administration function such admitting user and changing roles, backing up and many other will have to be performed by two people so that it does not depend on a single high integrity user.

Dual control of Configuration and Master Data Changes

All the application configuration changes and master data changes cannot be performed by a single user. This eliminates any intentional and inadvertent incorrect changes be made to them

Serially numbered audit trails

Every function executed by the security Administrators and all changes to configurations of application and recorded in a audit file that is serially numbered to be reviewed by internal and external audits.

Transaction Security

Each Transaction type can be configured OPTIONALLY to support

- Approval required or not
- Authorization required or not
- Security Function Group right required to Make/Authorize each Transaction Type

Technology

Service oriented architecture

System is built using Mensitpi frame work which incorporates service oriented technology.

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Multiple service contracts

System support SOAP based multiple service contracts because of which system will support both,

- high efficient TCP binding with binary serialization to support dot net based service clients
- open HTTP binding with xml serialization to support open platform service client

This will enable for you to build presentations for users with your own UI design

We are also planning to provide RESTful interfaces

Supports Clients of multi-platform

We are planning to provide you with any one of the popular client platforms

- Microsoft windows
- Under Development
 - Linux
 - Android
 - IOS
 - Mac

Support for on premises and Cloud

The application is built so that it can be easily implemented on premises or the services can be hosted on a public cloud.

We are hoping to provide a choice of

- Microsoft Azure
- Amazon Web services
- Google Web platform

Adaptability to technology changes

Technology keeps on changing delivering improved reliability of service, cost reduction and enhanced user experiences.