

Pibas Core

A Central System for Conventional & Islamic Banking

Pibas Core is an integral component of the e-nhance suite of banking application products, that fulfils a majority of the requirements of Commercial, Retail, Islamic, Investment, Mudarabah and Microfinance Banks.

Pibas Core:

- The Heart of all Banking Activities
- Entertains requests from all Delivery Channels
- Robust, Reliable, Efficient, Economical & Effective

The System is independent of RDBMS Engines and is comprised of the following modules:

- Parameters
- Security
- General Ledger
- Business / Customer Relationship
- Collateral Management
- Centralized Limits
- Signature / Photo Verification
- Reconciliation
- Audit & Control
- Bank Charges
- Management Information System
- Central Bank Returns
- Account Management
- Financial Management
- Deposit Management
- Cheque Management
- Holds & Liens
- Standing Orders/Instructions
- Clearing
- Teller & Currency Denomination Management

 www.pibas.com

 @pibas_banking


 PIBAS Banking Solutions

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Salient Functions & Features

Real-time System:

A truly online real time system, that applies financial and non-financial transactions instantaneously

Modular Integrated System:

Designed in modular fashion with each module performing a specific set of functions, yet still integrated and interacting with other modules

Parameter Driven:

Parameterization allows the system to be tailored to suit the user's needs without system/program modifications.

Menu Driven

Multi-Currency

Multi-Branch

Value Dating:

Value-dating facility that enables user to affect an account at a future or past date.

Interest:

Interest can be calculated on the basis of Base Rate, optionally defined at the system level for debit and credit interests.

Interest Types:

Two types of interest rates are allowed, both at the Account Type Level and at the Individual Account Level.

Ordinary/Normal:

Rates will be applicable on the whole balance except in the case of credit interest users are allowed to feed a Base Amount, below which interest will not be accrued.

Tiered - Two types of tiered interest rates, each having ten slabs, are provided

Tiered Split Balance: Mostly applicable in case of debit interest

Tiered Whole Balance: Mostly applicable in the case of credit interest

Interest Accrual:

Interest accrual is done daily & the accrual figures are reflected in the profit & loss account on a daily basis.


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Salient Functions & Features

Interest Posting Frequency:

In the case of a Movement account, the interest posting frequency is extremely flexible, allowing the customer to post the interest on a monthly, quarterly, semi-annually or annually. The customer can choose any day of the month, quarter, half-year or year for interest posting purposes.

Interest Nominated Accounts:

For interest posting purposes, the customer can nominate another account in which interest can be posted for both, debit and credit interest.

Revaluation:

Foreign currency revaluation is carried out daily in order to reflect accurate profitability on a daily basis.

Automatic With-Holding Tax Deduction:

A fully transparent and parameter driven withholding tax deduction mechanism facilitates in the deduction of the withholding tax from the customer's account and payment to the Government authorities.

With-Holding Tax Exemption Amount:

A threshold minimum amount can be specified on which no withholding tax may be deducted.

Apportioning of Interest Earned in Advance:

In applications where interest is earned in advance, like LBD, the apportioning is carried out on a daily basis and reflected in the profit and loss account and statement.

User Designed Formats, Such as:

- Debit / Credit Vouchers
- Term Deposit Receipt
- Term Loan Advice
- Term Deposit Confirmation Advice
- Term Loan Confirmation Advice
- Transaction Advice
- Interest Rate Change Advice
- FX Buying / Selling Customer Receipt
- Banker's Cheque / Pay Order
- Demand Draft
- Mail Transfer etc...

Salient Functions & Features

Online Real Time Printing of:

- Debit / Credit Vouchers
- Term Deposit Receipt
- Term Loan Advice
- IBCA
- IBDA
- Banker's Cheque
- Demand Draft
- Deal Tickets
- Money Market Deal Confirmation Advice
- FX Buying/Selling Customer Receipt, etc...

Elaborate Mechanism of Different Charges at Account Level

Profitability by Account / Customer

Areas of Application

General Ledger:

- Multi-Level Chart of Accounts
- Multi-Currency GL Accounts
- Hierarchical Cost Centres
- Employees Linked with Cost Centres
- Vouchers / Multiple Debit & Credit From Single Screen
- Account Inquiry with Updated Balances
- Voucher Transactions Review
- MIS Reporting
- Trial Balance:
 - Value Date / Transaction Date
 - Before Year-End & After Year-End
 - At all Levels of Account
 - Daily Trail Balance Generation
- Budgeting
- Detail Statement - Account/Employee/Cost Centre - Wise
- Voucher/Transaction List for any given Date Range
- Bank Reconciliation Statement
- Powerful Soft Closing Facility

Areas of Application

Security:

A comprehensive security module prevents unauthorized access to the system and logs every activity that takes place. To enhance security, optionally a fingerprint module can also be provided. A flexible Role Definition facility has been provided, which enhances the operational efficiency to define users. While defining a new User, an existing User's profile can be used as a template and modified according to the privileges being given to the new User. To prevent fraudulent alterations in the reports, all reports are fully encrypted and can be viewed and printed via the Report Viewer Utility provided with the system.

Centralized Limits:

An extensive and flexible centralized limits application, monitoring & control mechanism enables the bank to define limits at account level, product level, customer level and group level.

Business / Customer Relationship:

A comprehensive module to establish, maintain and monitor the complete financial and non-financial profile of the customers, prospective customers, vendors/suppliers and service providers.

Collateral Management

Provides comprehensive management of collaterals for pledge, hypothecation, mortgage, assignment, guarantees, etc...

- Customizable Collateral Types & Categories
- Evaluation/Re-evaluation of Collateral & Categories
- Surveyor, Custodian & Insurance Agency
- Notification / Alerts Maintenance
- Partial Release of Collateral
- Multi-Currency
- Custom Fields
- Insurance Information of Collateral
- Custody Information of Collateral

Areas of Application

Signature / Photo Verification:

- Provides facilities for scanning, viewing, editing & deletion of signatures & photos of signatories
- Manages Single, Joint & Multiple Signatories
- Provides Multi-Branch facility for Remote Signature Verification
- Single Signature can be linked with Multiple Accounts
- Additional features of Signature zooming thumbnail impression and compression have also been added
- Multi-Currency
- Custom Fields
- Insurance Information of Collateral
- Custody Information of Collateral

Reconciliation:

A Comprehensive Reconciliation Module has been provided to reconcile the following:

- Inter-Branch Transactions
- Suspense Accounts Flagged to be Reconciled
- Nostro Accounts

MIS & Central Bank Returns:

- Comprehensive Management Information Reports are available from the system for all the system's modules.
- Generates various reports that fulfil the Central Bank's requirements.
- Parameterized Report Generation allows flexibility to cater to the changing requirements of the Central Bank.
- Application Assistant that provides helps and tips at various stages of application usage and provides interactivity to the user.
- Online Central Bank Reporting Feature is also available

Returns for any country where e-nhance will be implemented in future, would be made available with 3-6 months of the first installation in that country.

Areas of Application

Account Management:

• Current Accounts:

Any customer movement account where transaction posting is permitted through transactions posting function, can be considered a 'Current Account' by Pibas Plus. Both, Debit / Credit Interest, are allowed in Current Accounts.

• Savings Accounts:

Savings Accounts can be the same as Current Accounts or by specifying certain special conditions, the user can make them exclusively Savings Accounts
e.g: Interest can be calculated on a minimum monthly balance, non-checking account, etc...

Financial Transactions:

Provides facilities to input, supervise, review and cancel single & multiple entry financial transactions, in both local and foreign currencies.

Deposits Management:

A total solution to manage all types of deposits, including call and short term deposits, term deposits, deposit certificates, etc...

Remittances:

A parameterized Remittances Module facilitates issuance of Banker's Cheque / Pay Orders, Demand Drafts, Telex Transfers and Mail Transfers *within 60 seconds*.

Standing Order / Instructions:

A powerful Standing Orders Module enhances the operational efficiency of the Bank's staff. Frequency of standing instructions can be defined on a Daily, Weekly, Monthly, Quarterly, Half-Yearly or Yearly basis.

- **Specified Amount:** Transfers the Specified Amount only.
- **Over Specified Amount:** Transfers the Amount Over the Specified Amount.
- **Full Amount without Reversal:** Transfers the Entire Amount.
- **Full Amount with Reversal:** The reverse action of Full Amount without Reversal

Areas of Application

Teller & Currency Denomination Management:

- Denominations for any Currency can be Specified
- Handles all Cash Transactions Automatically
- Records Teller Cash Activities & Movements, Including Denominations throughout the Day
- Provides Teller Status & Summary

Cheque Management:

A Comprehensive & Effective Cheque Management System Makes the entire System much more secure as a whole. It provides the following facilities:

- Maintains Cheque Book Stock
- Flags already en-cashed Cheque Nos.
- Stop a Specific Cheque or a Series of Cheques

Hold & Liens:

Multiple Holds are allowed in a single account, whereby the system puts those amounts in reserve and blocks the withdrawal of funds seamlessly. Liens can be marked against a Term Deposit Deal, in case it has been used as Collateral for allowing Loans & Advances to the customer.

Payment Systems:

Pibas Plus also includes a module for remittances integrated with the main system. The module caters for issuance of Banker's Cheques/Pay Orders, Demand Drafts, Telex Transfers, Mail Transfers in any Currency, Re-printing of Demand Drafts, Cancellation, Marking of lost Reported, Issuance of Duplicate Draft, etc... Banker's Cheques are issued in local/base currency.

Clearing Systems:

Inward & Outward Clearing can be realized with a single click and the system will mark the Outward Clearing Return automatically and the charges will be debited from the customers account. Inward & Outward Clearing can be Tracked by the reports available in the system.

Areas of Application

Code Line Clearing / Electronic Fund Transfer (CCL / ETF / BOPCUS):

Pibas Code Line Clearing/Electronic Fund Transfer Module provides the capability to transfer funds from one account to another, without using the conventional paper instruments, as well as electronically via Telephone, Computer or Electronic Terminal.

Bank Charges:

A flexible, generalized and parameter driven Bank Charges Module is available within Pibas Core. The main Features/Facilities provided by this module are:

- Charges can be defined at the Module/Funcion/Sub-function or Transaction Level.
- Within each of these categories, multiple sets of charges of each type are available.
- Account Level Charges can be defined & maintained.
- The Charges can be defined & deducted on Absolute Amount / Percentage Basis.
- Certain Accounts/Account Types can be Exempted.
- Offline Charges
 - Monthly Incidental Charges & Ledger Fees can be deducted on per Transactional per Month basis.
 - Multiple Offline Charges can be defined on Account Type, Currency & Category basis.
 - The Category is defined on the basis of Period, Balance and Transaction Type
 - Charges can be deducted at a defined frequency
 - Accounts can be exempted by defining Special Condition/Customer Code/Analysis Code or Transaction Code

Inter Branch / Online System:

Pibas' Centralized Inter-Branch Application facilitates inter-branch transaction posting between two branches of a bank. It can be used to perform Fund Transfer, Transfer Delivery, Cash Deposit, Cash Withdrawal and Encashment of Banker's Cheques within different branches. A comprehensive tool is available to monitor all online inter-branch activities.

Areas of Application

Audit & Control:

- A Comprehensive Audit & Control System is available within Pibas Core.
- User Maintenance and Supervision thereof, with a complete audit trail.
- Every activity performed by the user is available/reported.
- Every Transaction, financial or non-financial, can be seen by two individuals (Maker/Checker Concept)
- All cancelled transactions are printed for audit purposes; Limits Audit Trails are also available.
- Thorough checks and balances are available for tracking changes.

Pibas Executive

Besides providing comprehensive MIS to the Operational and Financial Management of the Banking Establishment, an exclusive suite of programs has been provided which, on the basis of the data/information already available in the system, generates certain critical reports which facilitates decision making of the senior executives and credit committee of the bank. Some of these critical reports are:

Turn Over Statistics:

- Based on the conditions specified by the user, the system provides the facility to build turnover and other statistics.
- The statistics accumulated on a month to month basis and individual accounts are held for a period of time.
- Aids the Management in activity monitoring for a particular time period.

Cost of Fund:

- Facility to determine the cost of funds by product within a branch and the whole institution is provided.
- Certain Accounts, if desired, can be flagged for exemption from this calculation.
- Percentage can be specified while calculating cost of the reserve amount (to be kept with Central Bank).

Return on Investment:

- Facility to determine the ROI by product within a branch and the whole institution is provided.
- Certain Accounts, if desired, can be flagged for exemption from this calculation.
- Enhances the ability of the Management to determine the ideal spread.