

## ABOUT PUNJAB NATIONAL BANK

Punjab National Bank (PNB) is a leading public sector bank in India, which has its headquarters in Delhi. It has over 6,968 branches and over 9,935 ATMs across 764 cities and serves over 80 million customers. Today the Bank stands tall amongst nationalized banks in major financial parameters i.e., Global Business, Domestic Business, Domestic Deposits, Net Advances, CASA Deposits Savings Deposits and Operating Profit.

## THE CHALLENGE

The bank was relying on multiple disparate systems to execute their day-to-day forex operations:

- Legacy solution of a leading player was used to execute front office interbank transactions
- Solution of another leading player was used as a merchant transaction reporting system
- The third legacy system was a back office system, called Enterprise Banking System (EBT), built on an old generation technology called power-builder – It relied on manual processes for MIS generation

The biggest challenge faced by PNB was getting real-time position information as three different systems were used. This added to the complexity, let alone managing the TCO for disparate solutions.

The bank needed a solution which could seamlessly handle the front-mid-back office processing of massive volumes of forex transactions and needed to retire the EBT system which was causing a lot of inefficiencies in the regulatory reporting process.

## QUANTIFIABLE BENEFITS DELIVERED TO PNB

Capital Cube enabled PNB to trade actively in Currency Futures market – PNB is able to handle daily transactional volumes of upto 20 million USD in the Currency Futures segment. Additionally it is taking positions on behalf of the RBI.

## IMPLEMENTATION SUPPORT PROVIDED TO THE BANK

The Intellect implementation team helped PNB in data migration from the existing EBT system as the support for the same was not readily available from the vendor. Intellect also helped PNB in adopting best practices based on Intellect's experience from other similar implementations. This implementation was a fast-track deployment that was completed in five months.

## THE SOLUTION



Capital Cube (erstwhile OneTREASURY), an integrated treasury management solution that seamlessly integrates and automates treasury functions across front-mid-back offices; and provide users with the required risk intelligence through a user focused and configurable visualization framework was implemented. It provides an enterprise-wide view of Real-Time liquidity, which enables a firm to meet stringent liquidity requirements and regulations, and support robust Risk Management practices. It is a robust solution which runs the largest treasury operations in the world with zero downtime for a decade now.

Intellect deployed its Capital Cube-treasury solution at Punjab National Bank, enabling the bank to retire its existing legacy front-mid-back office systems and consolidate its forex operations across front-mid-back offices.

## VALUE DELIVERED



The solution provided dealers / traders with improved visibility of consolidated position information, which facilitated better decision making through features like currency pair-wise online P&L Blotter. New Cash Letter and Branch Remuneration modules were created based on the bank's requirements. Forex traders can view all their forex branch transactions on a single screen, enabling them to better track and manage their daily trading activities; support for automated SWIFT message generation and suspense reversal was added. Functionalities like Swap Amortization, Reverse Revaluation of FCNR Swap, FCNR Renewal, etc., facilitate derivatives trading activities which aid in price discovery and risk management.

Capital Cube can scale massive transactional volumes and provides the bank with robust real-time interfaces.

Improved decision making through enhanced visibility of consolidated position information

Traders can now leverage client portfolios to trade currency futures on behalf of their clients

Automated regulatory reporting framework facilitated regulatory compliance

The integrated front-back office treasury system could easily scale up to massive transactional volumes

Post-implementation, the interfaces with both external & internal systems are now more real-time.

Trading window could now be extended from 6 am to 12 midnight; compared to 8 hours trading window prior to Capital Cube implementation