

# SOLUTION BRIEF – FINCAUS

## FinCONNECT

FinCONNECT provides easy to use, manage and control routing solution, which can be customized as per the desired capacity & throughput. It facilitates Electronic Fund Transfer (EFT) in a cost-effective, flexible and efficient manner. High configurability and flexibility helps to develop and implement new and innovative products to keep pace in the competitive space of payment industry.

FinCONNECT in essence is a Financial Transaction Switch software solution for ATM machines. This solution interfaces with Core Banking Systems and supports ATM transactions across diverse environments. It has a host innovative features that are scalable with excellent functional capabilities. The ATM interface handles all ATM related transactions, which could be Local, Issuer or Acquirer transactions. FinCONNECT– ATM Switch & Card Management System is an NDC+/Diebold 912 compliant complete solution for Automatic Teller Machines (ATMs), and the newer Cash Deposit and Cash Recycler Machines. FinCONNECT gives an end-to-end solution by supporting transactions such as Balance Enquiry, Cash Withdrawal, Pin Change, Fast Cash, Mini Statement, Funds Transfer (between accounts held by same customer), Cheque/Cash Deposit, Cheque Book request and Request for Statement.

## Features of FinCONNECT

- Open Architecture

Architecture is open, flexible and dynamic in nature and can be easily integrated with third party module/application.

- Scalability

The system has horizontal, vertical and linear scalability without inherent bottle necks and core design changes.



- Industry Standards Compliance

The application supports established industry standards like ISO 8583, PA DSS, PCI DSS and IPv6. All the communication in our system happen through secure channels like https and XML.

- Modular Structure

The solution is modular for facilitating easy configuration and future development of the product.

## **Functionality of FinCONNECT**

Financial & Non-Financial Transactions:

- Cash Withdrawal
- Fast Cash
- Fund Transfer
- VAS offered by NPCI
- Cash Deposit using Cash Deposit or Cash Recycler Machines.
- Balance Enquiry
- Mini Statement

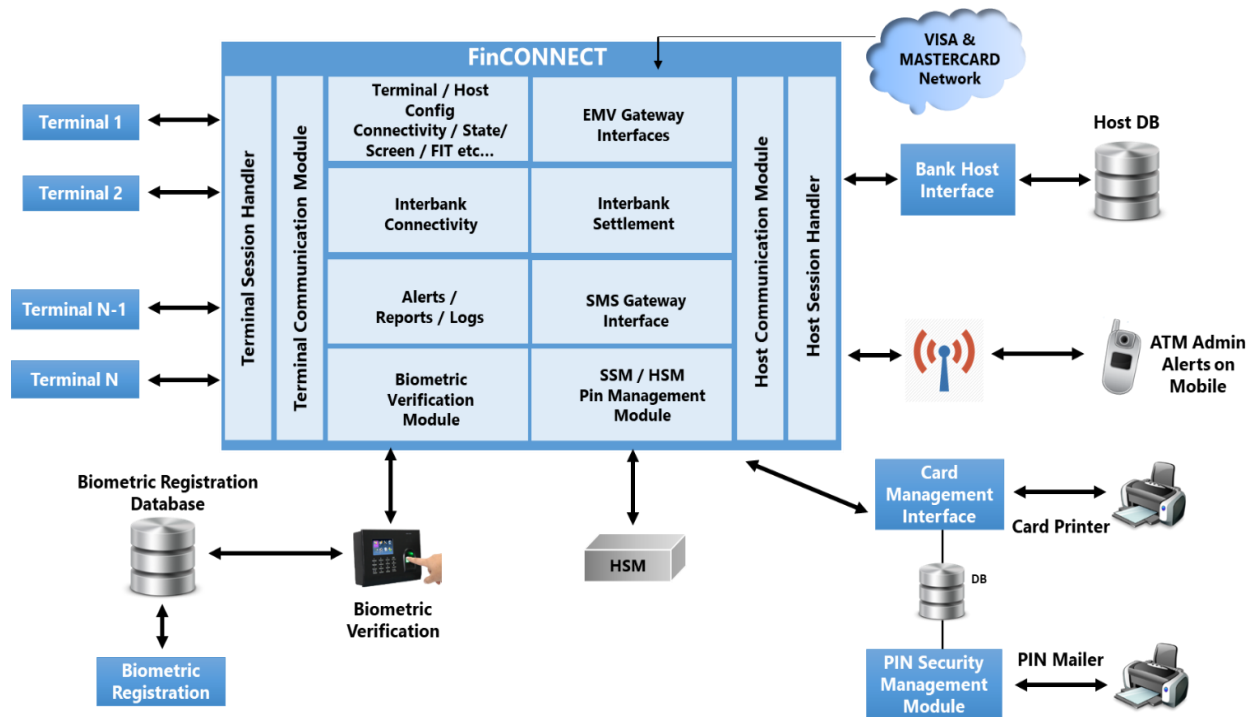
## **Modules**

- ATM/POS/ECom controller
- Pin Management Module
- Online Monitoring & Configuration
- Biometric Authentication of customer
- Interfaces to international and domestic networks, card schemes, processors, host systems and interchanges.

## Thales Product used

Currently Finacus had integrated “**Payment (EFT) HSM**” from Thales with FinCONNECT for PIN generation / validation using Pin Management Module within FinCONNECT.

## Components of FinCONNECT



## Benefits obtained

Integration and Implementation of “**Payment HSM**” from Thales has enabled Finacus in:

### 1. Equipping consumers to make payments

- Dealing with the complexity of EMV chip cards or mobile-based applications
- Keeping control of critical user credential assets
- Maintaining a high level of security (to avoid counterfeiting or rogue payment instruments)

## 2. Facilitating a secure payments process

- Being able to scale quickly to handle higher transaction volumes
- Ensuring that sensitive data is protected at all times
- Facilitating transactions originating from a diverse range of payment instruments (with more and more no longer under bank control).
- Pin Change
- Cheque Book request, Stop Cheque request, etc.
- Green Pin generation
- Card to card fund transfer
- Mobile number updation
- Enabled Finacus to stay PCI Complaint

### **Payment Card Industry Data Security Standards (PCI-DSS)**

Finacus is compliant with PCI-DSS which is a proprietary information security standard for organizations that handle branded credit cards from the major card schemes. The PCI Standard is mandated by the card brands and administered by the Payment Card Industry Security Standards Council (PCI-SSC). The standard was created to increase controls around cardholder data to reduce credit card frauds.

### **About Thales**

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations are faced with an increasing number of decisive moments. Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation.

Decisive technology for decisive moments.