LIC
भारतीय जीवन बीमा निगम
LIFE INSURANCE CORPORATION OF INDIA

MANTRA | Enterprise & Homeland Security

Case Study

How LIC Housing Finance Limited Unified Workforce Authentication Across 371 Locations with Enterprise Biometrics



EXECUTIVE SUMMARY

LIC Housing Finance Limited (LIC HFL), one of India's leading housing finance institutions, sought to modernize workforce authentication and attendance management across its nationwide branch network.

The objective was to implement a secure, scalable, and centrally managed biometric ecosystem integrated with existing HR and payroll infrastructure.

Mantra Softech successfully deployed and integrated 374 biometric devices across 371 locations in India, enabling enterprise-wide attendance management, biometric login, and secure authentication.

The project established a unified identity infrastructure designed to enhance operational efficiency, security, and workforce visibility at scale.

371
LOCATIONS
Across India

374
BIOMETRIC DEVICES
Deployed

ENTERPRISE WORKFORCE
Nationwide

AUTHENTICATION
Face Recognition + Fingerprint

INTEGRATION
eHRMS, Payroll & Authentication System

SUPPORT
5-Year Lifecycle Support

MAKE IN INDIA

CUSTOMER BACKGROUND

LIC Housing Finance Limited (LIC HFL) is among India's largest housing finance companies, serving customers through an extensive network of branches across the country.

Managing workforce operations across geographically distributed locations requires robust systems that ensure secure authentication, standardized attendance policies, and seamless integration with enterprise applications. As part of its digital transformation initiatives, LIC HFL embarked on modernizing its workforce identity and attendance infrastructure across India.

BUSINESS CHALLENGES

Operating a nationwide branch network introduced several challenges:

- Managing attendance across distributed locations
- Standardizing authentication mechanisms
- Integrating attendance with HRMS and payroll systems
- Ensuring secure and reliable user authentication
- Maintaining audit trails and compliance requirements
- Supporting business continuity during network outages
- Simplifying enterprise-wide workforce visibility

LIC HFL required a scalable solution capable of supporting current operations while enabling future growth.

PROJECT OBJECTIVES

LIC HFL aimed to:

- Digitize attendance management across all offices
- Enable secure biometric authentication
- Integrate workforce systems with eHRMS and payroll
- Improve visibility of workforce attendance
- Strengthen security and auditability
- Ensure high system availability and reliability
- Standardize attendance policies across locations



IMPLEMENTATION TIMELINE



SOLUTION DELIVERED

To meet LIC HFL's objective of modernizing workforce authentication across its nationwide network, Mantra Softech deployed an enterprise biometric ecosystem that unified attendance management, biometric login, and workforce identity under a single platform. The solution was seamlessly integrated with existing eHRMS and payroll systems while ensuring enterprise-grade security, scalability, and operational continuity across 371 locations in India.

The deployment enabled standardized workforce management, secure authentication, and centralized visibility creating a future-ready digital identity infrastructure for LIC HFL's distributed operations.

Key Solution Components

Key Capabilities

Biometric Authentication
Face recognition and fingerprint authentication for secure workforce identification.

Enterprise Attendance Management
Centralized attendance marking and policy enforcement.

Biometric Login
Secure user authentication integrated with enterprise systems.

eHRMS & Payroll Integration
Seamless synchronization with existing HR infrastructure.

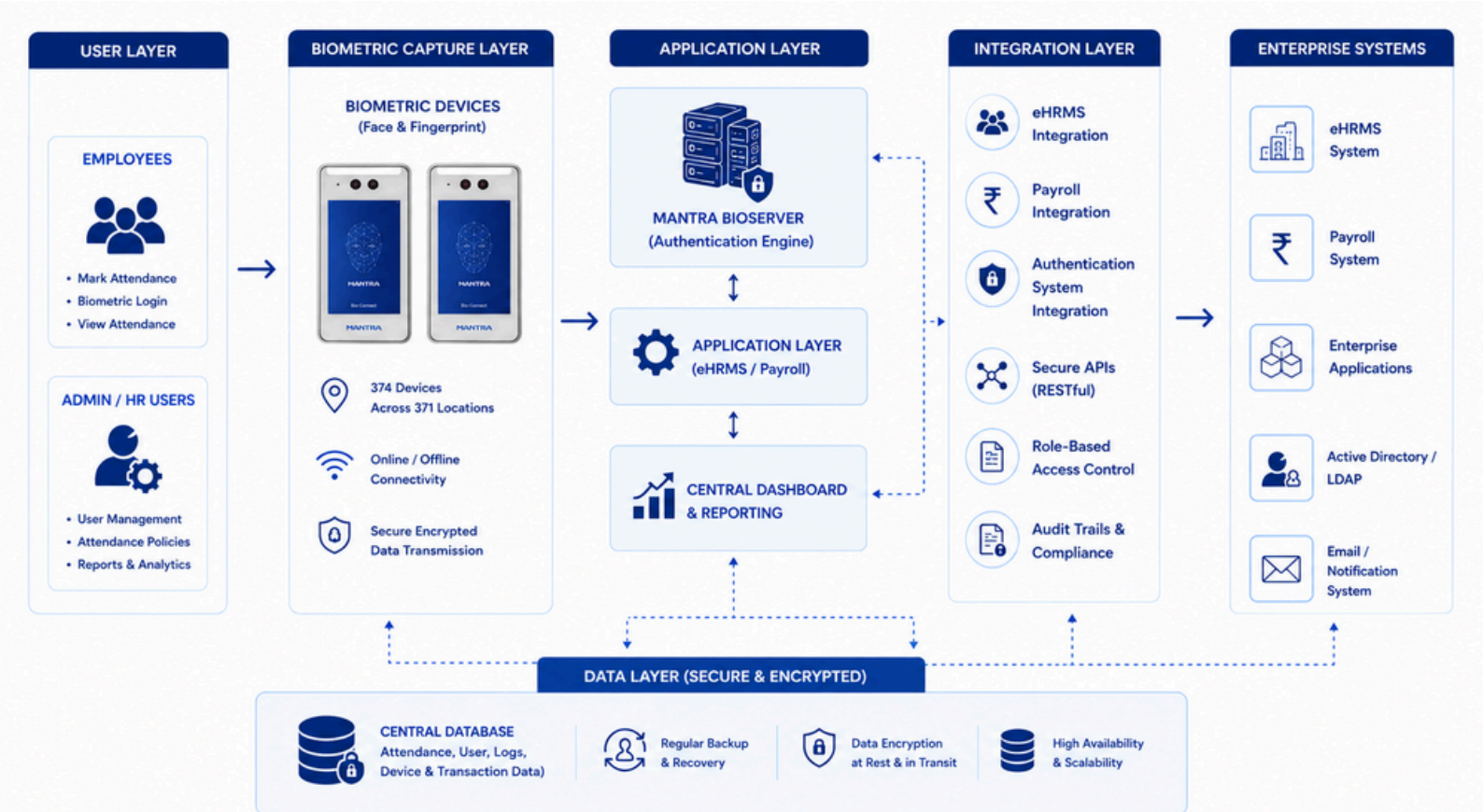
Role-Based Access Control
Controlled access based on defined user roles and permissions.

Secure APIs
Enterprise-grade integrations ensuring secure data exchange.

Audit Trails
Comprehensive event logging for compliance and monitoring.

Network Resilience
Fallback mechanisms and data recovery capabilities during outages.

SOLUTION ARCHITECTURE



RESULTS & OUTCOMES

The implementation successfully established a unified enterprise authentication framework across LIC HFL's nationwide network.

Key Outcomes

✓ 371 locations digitally connected
✓ 374 biometric devices successfully deployed
✓ Enterprise-wide attendance standardization
✓ Secure biometric workforce authentication
✓ Seamless HRMS and payroll integration
✓ Improved auditability and compliance readiness
✓ Enhanced workforce visibility
✓ Reliable operations with network resilience

SECURITY & RELIABILITY

THE DEPLOYED SOLUTION INCORPORATED:

Anti-spoofing mechanisms
Advanced liveness detection to prevent fake attempts and ensure genuine identity.

Secure APIs
Encrypted and authenticated APIs for secure data exchange and integrations.

Role-based access control
Granular access management ensuring users access only what they are authorized to.

Audit trails and logging
Comprehensive logs and audit trails for transparency, monitoring and compliance.

Data recovery capabilities
Automated backups and recovery mechanisms to safeguard critical data.

Network outage fallback mechanisms
Store-and-forward and offline capabilities to ensure uninterrupted operations.

Long-term support infrastructure
Robust support ecosystem to ensure stability, performance and long-term reliability.



TO ENSURE OPERATIONAL CONTINUITY, THE PROJECT INCLUDED:

3 YEARS WARRANTY
Comprehensive warranty coverage for complete peace of mind.

2 YEARS AMC
Annual Maintenance Contract ensuring optimal performance and reliability.

ANNUAL TECHNICAL SUPPORT (ATS)
Dedicated technical support throughout the year for quick issue resolution.

ONSITE SUPPORT SERVICES
Onsite support by experienced engineers to ensure seamless operations.

WHY THIS PROJECT MATTERS

- Deployments at nationwide scale require technology that can operate consistently across hundreds of locations while integrating seamlessly with enterprise applications.
- The successful implementation across 371 locations demonstrates Mantra Softech's capability to deliver enterprise-grade identity and workforce management solutions at scale.
- This engagement reinforces Mantra Softech's expertise in supporting large enterprises with secure, scalable, and future-ready digital identity infrastructure.

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KEY TAKEAWAYS

371

Nationwide biometric deployment across 371 locations

Enterprise integration with HRMS and payroll

Secure workforce authentication at scale

Standardized attendance management

Enhanced compliance and audit readiness

Long-term support and lifecycle management

ABOUT MANTRA WORKFORCE IDENTITY SOLUTIONS

Mantra's enterprise workforce solutions enable organizations to modernize attendance, authentication, and identity management through secure biometrics and seamless integrations.

Designed for large-scale deployments, the platform delivers security, scalability, and operational efficiency for enterprises across industries.

Securing Today. Enabling Tomorrow.

This engagement reinforces Mantra Softech's commitment to delivering secure, intelligent and future-ready identity solutions for enterprises across India.



Trusted Technology | Proven Expertise | Scalable Solutions | Long-term Support | Future-ready Infrastructure

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Scan to know more details