



TRUNTRANCE

— We Ensure Verified Entry

Employee Attendance & Visitor Access Management



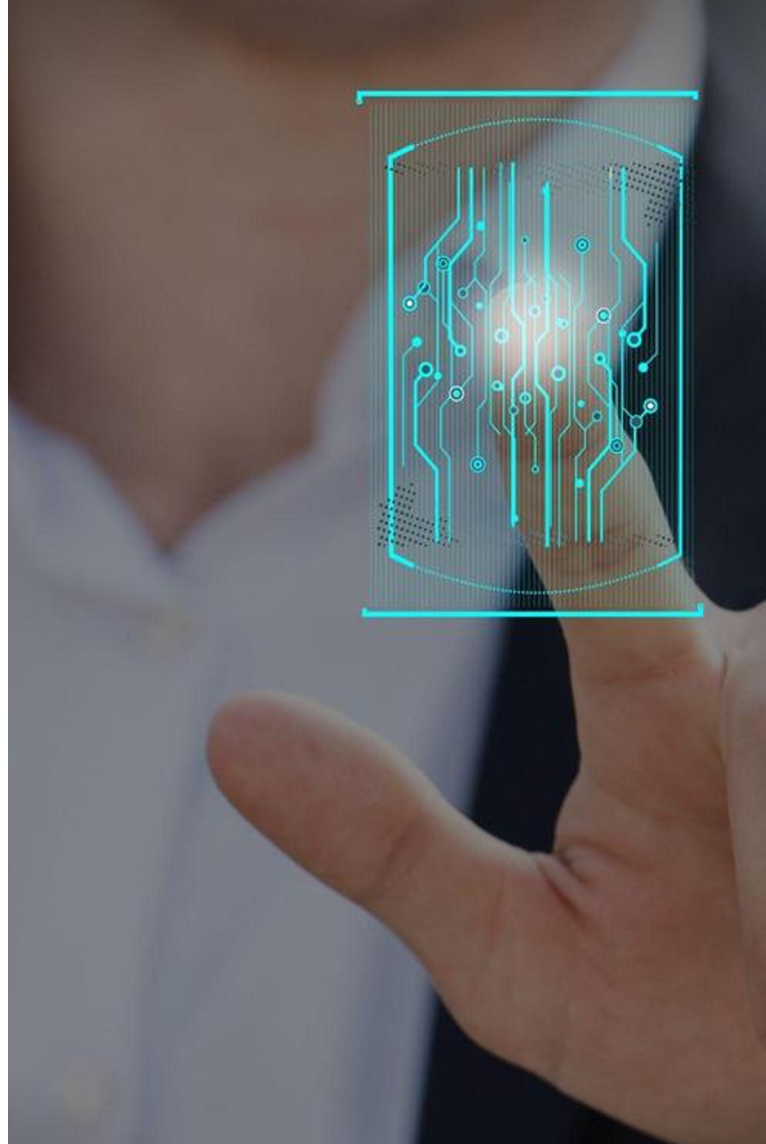
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 **Biocube**
Redefining Identity

BACKGROUND

The current mechanisms of employee attendance & visitor access management at organizations fail to adopt a user-friendly approach to visitors and employees because of their reliability on RFID/chip cards or paper-based entries.

Current mechanisms of employee and visitor access management involves extensive manual dependencies, neither flexible and requires high upfront cost during hardware installation while they offer inconvenience to end users as they do not adopt latest tech.

With the pandemic, visitors and employees prefer contactless and self service-based access and attendance mechanisms. Hence organization needs to adopt latest technology enabled methods enabling more convenient and secure way of access management.



Therefore, organizations have started adopting digital modes of access and attendance management systems. Unfortunately, most of these come with many drawbacks, such as:

- Operates on old school technology which is not user friendly and neither offers convenience.
- Incapability to adapt to the growing needs of the organization's HR.
- Limited number of features & functionalities.
- No support for multiple biometric authentication systems.
- No option for scalability and involves continuous manual intervention

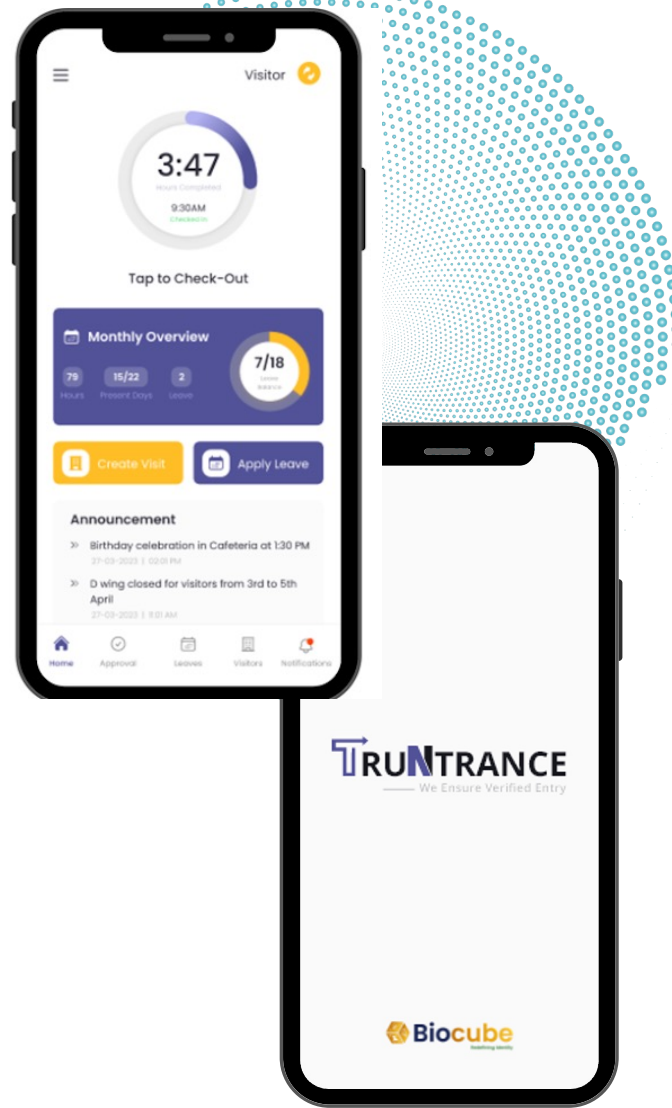
Biocube incorporated a frictionless employee attendance and visitor access management solution that solves existing challenges faced in traditional systems. The cutting edge foolproof and spoof-proof AI technology helps to correctly mark the check-in and check-out timings, grant access with biometrics, and revamp the user experience.

Introducing TruNTrance

A truly exceptional digital solution, Biocube's TruNTrance, instills the capabilities of HRMS and visitor access management.

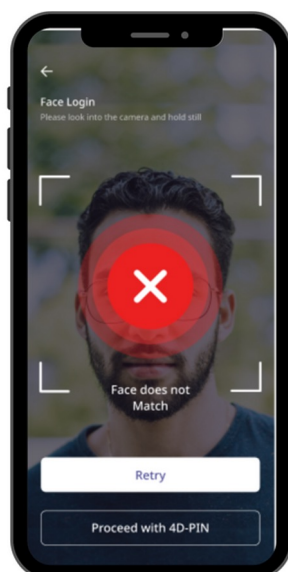
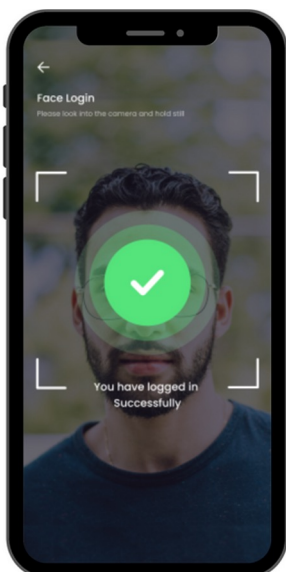
The AI-driven solution uses multifactor biometrics for access and attendance management, enhancing more security with realtime anomaly detection.

TruNTrance can be easily integrated via smartphones, tablets, laptops, CCTV, or IP cameras with a holistic customizable dashboard, it is a desirable choice for attendance and access management for enterprises of all sizes.



Key Features

Upgrading the Access & Attendance Management Systems with Bio-Auth



- ✓ **Minimal manual intervention** – AI driven access and attendance management enables less manual dependencies hence cost effective
- ✓ **Comprehensive visitor management** with multi level approval from hosts and security admin with gate allocation

- ✓ **Bio-enabled registration** and authentication in self service or centralized mode – convenient & Secure
- ✓ **Flexibility to mark employee attendance** either in self-service mode or from centralized device as per organization policy
- ✓ **Verified ID linking** from source or AI based linked with user's bio-profile as per organization rules
- ✓ **Activity Monitoring/ Tracking** – Admin can track activity of employees and can ask for feedbacks as necessary
- ✓ **Comprehensive shift allocation** – Flexible and easily admin configurable shift rules with days off managed from their dedicated admin panel

Employee Attendance Management

Upgrading the Access & Attendance Management Systems with Bio-Auth

TruNtrance leverages Biocube's Face biometrics & ID verification capabilities to assure Employee Attendance and Access management in a contactless manner, in self-service mode.

Organizations can ensure accurate attendance tracking, eliminating the need for manual processes or time-consuming sign-in procedures or any need for high cost, high maintenance RFID card-based attendance punching system.

Also, an extensive HR workflow related to leave, regularization & timesheet management is at the fingertip of Employees & Managers on their mobile or web portal.



Self-Service based Onboarding with Biometrics

Employee onboarding with multifactor biometrics linked with their verified ID in self service or centralized mode



One tap-based regularization request raised

Employees can raise a leave regularization request directly to the HR department with a simple tap of few buttons, and review the pending request on a dashboard.



Real-time Bio-auth based Attendance Marking

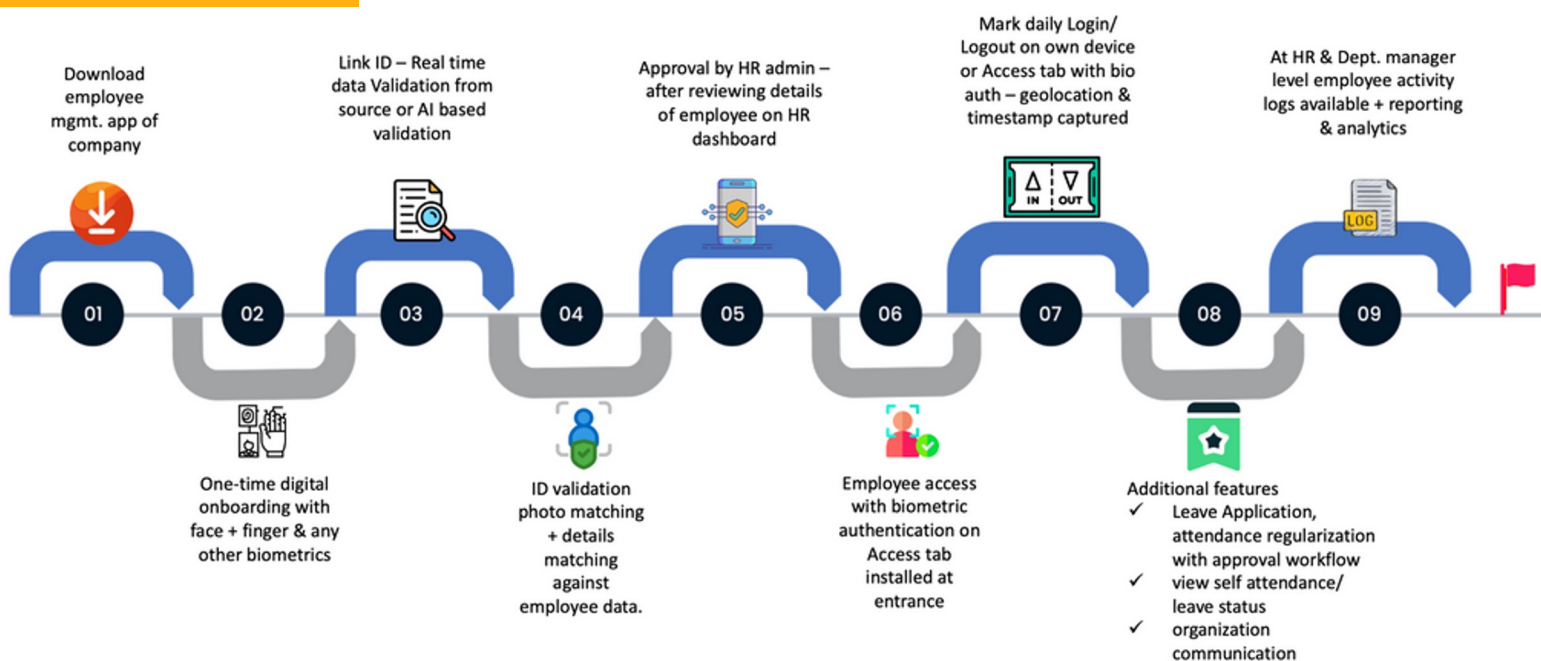
Spoof-free and contactless biometric authentication for check-in and check out of the premises with passive liveness detection, geolocation, and timestamp.

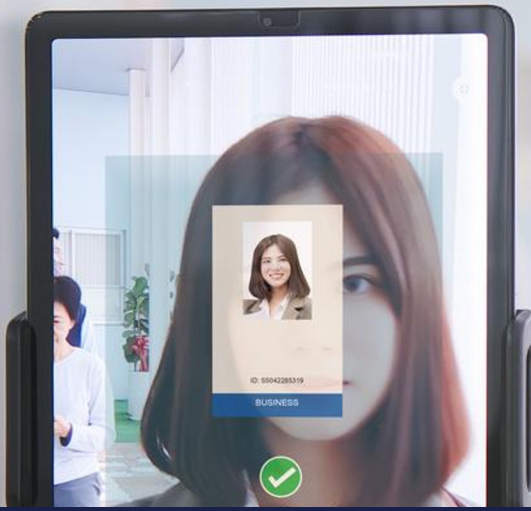


Leave Application & Leave Calendar Dashboard

A range of leave categories (sick, half day, earned, short, advance, and compensatory) with alerts of zero leave balance and full overview of attendance on a calendar.

How Does It Work?





Visitor Access Monitoring

Upscaling Visitor Access & Management with Bio-Auth



Simple Visitor Onboarding with Face Biometrics

One-time user registration with face, fingerprint, or other biometrics with passive liveness detection in either self-service or assisted mode.



Government ID linked with Source/AI-driven Validation

Passport/Aadhar validation and detail matching from the government's master database source or AI-based photo matching using face biometrics.



Multi-layered Registration Request Approval

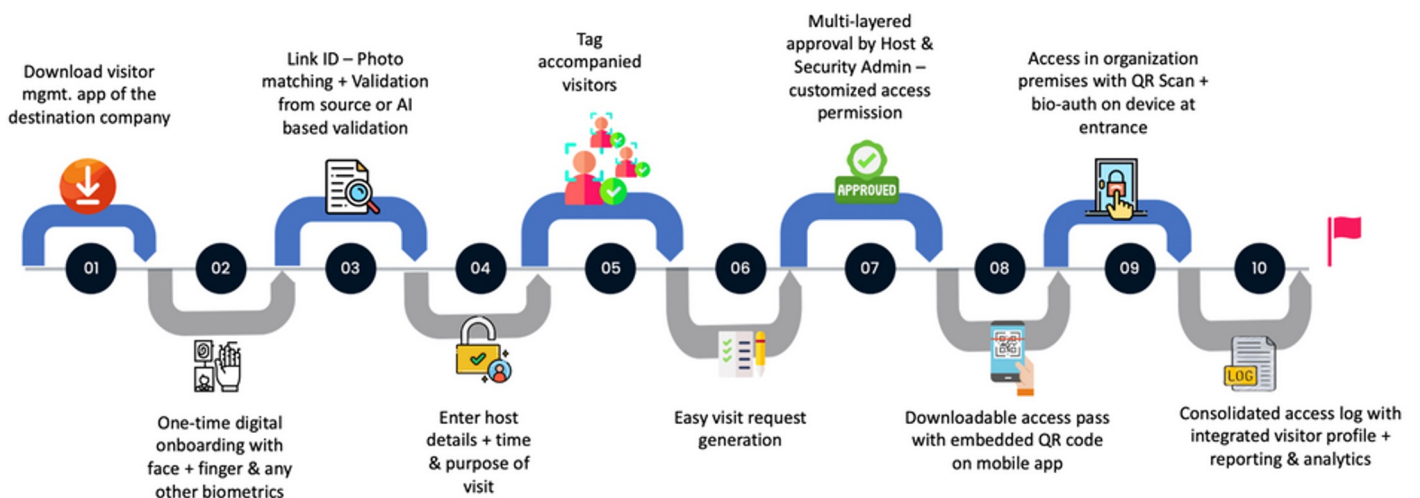
Visitor names, the total number of guests, and vehicle detail requests on a single dashboard are available for security admin and super admin approval.



A Simple Reschedule and Cancellation Process

Easily review and reschedule or cancel upcoming visits, and customize alerts to notify admins about the new visit status, followed by admin approval.

How Does It Work?



Key Benefits

Biocube's attendance and access management system eliminates the hassles of logbook entries or RFID/chip cards with contactless biometric check in. The interoperable solution works frictionlessly to offer multiple advantages beyond the traditional HR systems and revamps visitor & employee convenience.



Zero Threat of Unauthorized Access

A QR-based BioPass for ensuring contactless biometric authentication at selective access point of the enterprise premises.



No Chance of Attendance Tampering

Biometric access at multiple checkpoints coupled with AI-driven CCTV monitoring, geotagging, and timestamp on comprehensive dashboard.



Onboarding Approval by HR - AI assisted decisioning

HR/ Admin approves or disapproves the request – Aadhaar. PAN etc. matched with Emp. Face & Details and Matching Report on Admin panel



Optimization of Security Budget

Automated access pass eliminates the need for physical pass and enhances the productivity of the security workforce by reducing the time to check in.



Passive Liveness Detection to Avoid Spoofing

Eliminate the risk of deepfake or spoofing with integrated passive liveness detection, guaranteeing the presence of a real person.



Multiple Functionalities on a Single App/Web Platform

Provision for manager & employee to view request status & take actions based on hierarchical rights.

About Us

Biocube proposed a multifactor secure authentication workflow for passengers' seamless & secure journeys with existing devices to enhance the security of air travel systems. Our proposed method forms a baseline for a mobile automatic touchless passive liveness **Face/Voice/Palm/Fingerprint/Iris** authentication & recognition system that helps the passengers check in quickly from the comfort of their homes using **Bio-ID**. With business and leisure travel changing significantly, biometrics and AI could help the global travel industry in a big



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