AttendFlow

ATTENDANCE · LEAVE · PAYROLL · AI · HR

Workforce management, run by AI — not spreadsheets.

An AI assistant built into attendance and payroll, verified check-ins, and a dynamic payroll engine — on Android, iOS and Web, from one codebase.



BUILT-IN AI ASSISTANT | VERIFIED ATTENDANCE | DYNAMIC PAYROLL ENGINE

EXECUTIVE PRODUCT BROCHURE · V5 · FULL FEATURE EDITION

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What's Inside This Brochure

A complete look at AttendFlow, from the first clock-in to payroll export

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The Five Headline Capabilities

1 · Built-in AI Assistant

Ask attendance, leave, overtime and payroll questions in plain language — on web and mobile, scoped to each role.

2 · Verified, Fraud-Resistant Attendance

Selfie + liveness, GPS geofencing, QR, device binding and mock-location detection on every punch.

3 · Dynamic Payroll Engine

Formula-based earnings and deductions, readiness audit, payroll freeze, payslips and bank disbursement files.

4 · Morning Action Center

Who is in, late, absent or on leave — with one-tap call or WhatsApp nudges before the day slips.

5 · One Codebase, Every Device

Native Android and iOS apps plus a responsive desktop and tablet web app — always in sync.

AttendFlow at a Glance

3	7	6	5
platforms: Android, iOS, Web	workforce ranking categories	leave categories	digital ID badge designs

"Attend Today, Achieve Tomorrow"

Every punch, every leave, every payroll cycle and every question your team has about it — handled in one trusted, AI-assisted system.

OVERVIEW

Why AttendFlow

Smart attendance, leave, payroll, AI and HR management, in one system

AttendFlow replaces manual registers and disconnected spreadsheets with a single system for attendance, leave, payroll and reporting — with an AI assistant layered across all of it.

Three Reasons Teams Switch

Ask, Don't Dig

An AI assistant answers attendance, leave, overtime and payroll questions in plain language, so you stop building reports just to find out.

Verify Every Punch

Selfie with liveness check, GPS geofence, QR and device binding. Every punch is checked, not just recorded.

Payroll That Follows Attendance

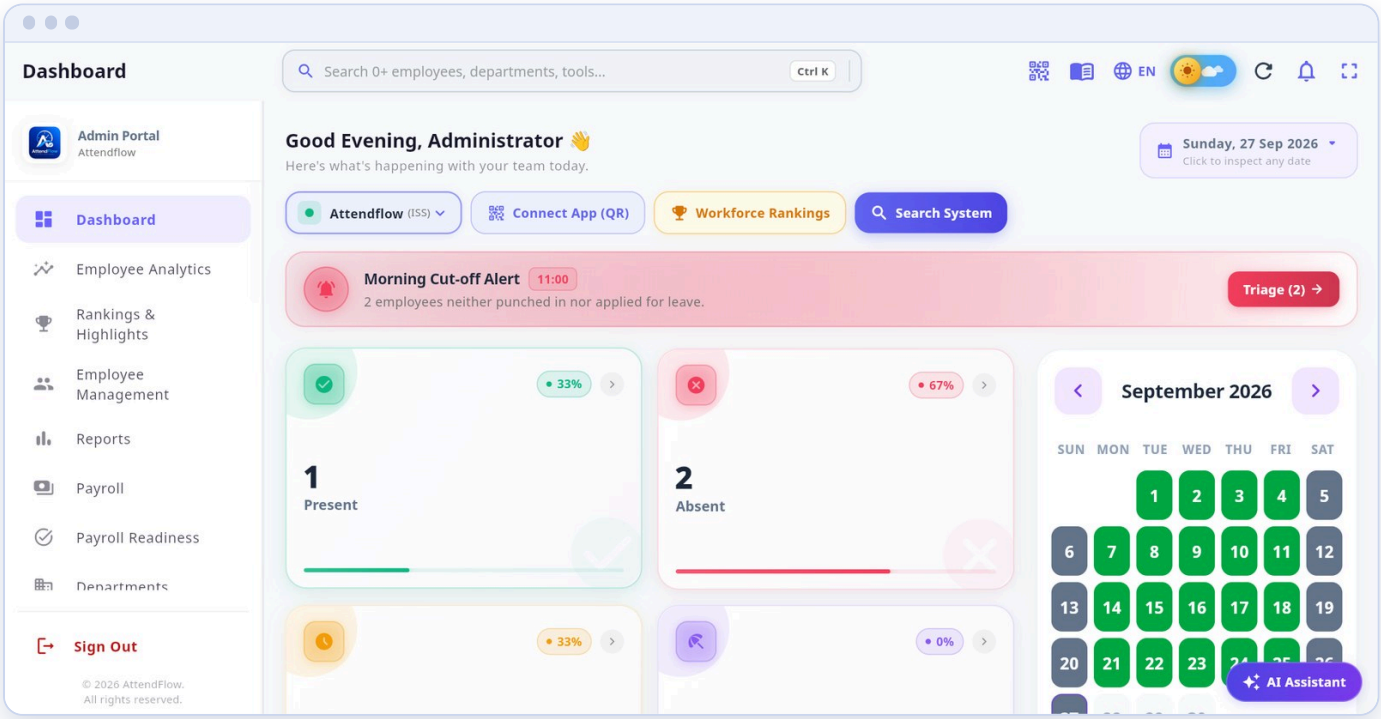
A formula-driven payroll engine tied to real attendance, overtime and approvals — with a readiness audit before you lock the month.

- **Android, iOS & Web**
- **Multi-company & multi-branch**
- **Offline & weak-network resilience**
- **Multilingual with RTL**
- **Dark & light modes**
- **Automated backups**

One connected system, not five disconnected tools

Attendance, leave, overtime, payroll, payslips, employee records, ID badges and analytics share one record — and the AI assistant can answer across all of them at once.

The Admin Dashboard



Admin dashboard: live present/absent counts, month calendar, Morning Cut-off Alert with one-tap triage, and the floating AI Assistant.

FLAGSHIP · AI ASSISTANT

Your AI Assistant

The difference between recording workforce data and understanding it

Most attendance systems stop at reports. AttendFlow's assistant sits across attendance, leave, overtime, payroll, holidays and policies, so anyone with access can just *ask*.

Ask in Plain Language

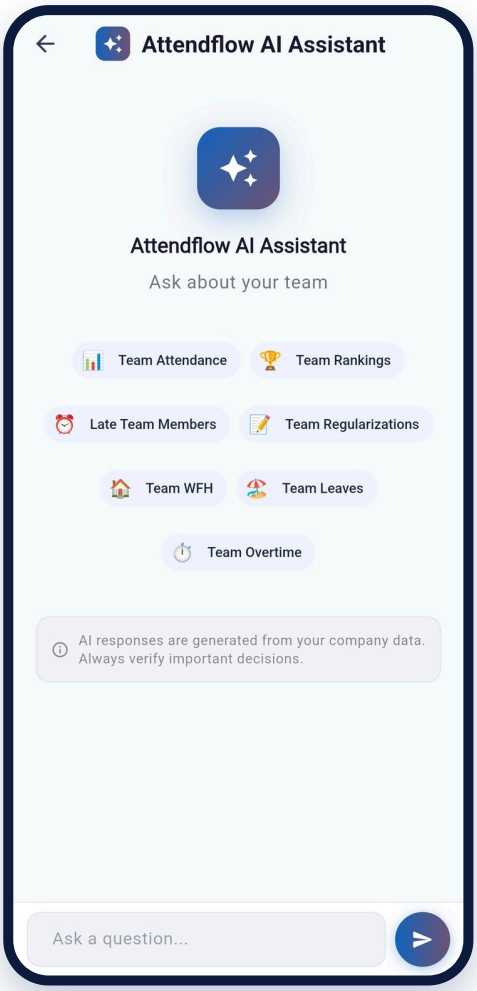
- *" Who is absent today?*
- *" Show me late arrivals in Sales*
- *" What is Rahul's remaining leave balance?*
- *" Explain company overtime rules*
- *" Summarize this month's payroll expenses*

What It's Connected To

Attendance · Leave · Overtime · Payroll · Holidays · Policies · Employee Records · Reports

Built for HR, not general chat

Dedicated tool access to attendance data, leave rules, overtime calculations and payroll figures, so answers come from your company's real records.



AI Assistant on mobile — quick-action chips: Team Attendance, Rankings, Late Members, Regularizations, WFH, Leaves, Overtime

Quick-Action Prompts

Tap a chip for instant answers with zero typing. Chat history persists across sessions.

"Ask AI: Why?"

One tap on an analytics chart asks the assistant for root-cause analysis on an attendance dip.

Reports on Command

Have the assistant compile custom summaries and exportable data points on request.

Role-Scoped, Guarded and Controllable

ADMIN

Company-wide

Which department has the most late check-ins this month?

MANAGER

Team-scoped

Show pending overtime approvals for my team.

EMPLOYEE

Self-service

What's my leave balance? Did my regularization get approved?

CONTROLS

Your rules

Enable per role, set monthly usage limits, manage AI keys in settings.

Guardrails: role-based access, usage and rate limits, prompt-injection screening, and sensitive-field sanitization before and after every AI call. AI responses are generated from company data — always verify important decisions.

ATTENDANCE

Verified Attendance

Multiple clocking modes, one trustworthy record

An attendance record you can trust, not just store. Here is what happens behind every punch:

1. **Check In** — App, web or QR
2. **Selfie + Liveness** — Face framed, blink / turn / smile
3. **GPS Verified** — Live location
4. **Geofence Checked** — Block or audit mode
5. **Request Secured** — Nonce + idempotency
6. **Recorded** — Server timestamp

Selfie Punch

Front-camera photo on every check-in, check-out and break, with live face detection.

Liveness Challenge

Blink, head-turn or smile prompts defeat photos, printouts and phone screens.

GPS Geofencing

Latitude/longitude and radius per office or branch, in Strict Block or Audit Flag mode.

QR Clock-In

Dynamic office QR on a dashboard or tablet kiosk; scan in-app for touchless punches.

ID Badge Scan

Clock in using the employee's digital ID card QR or barcode.

Breaks & Live Timers

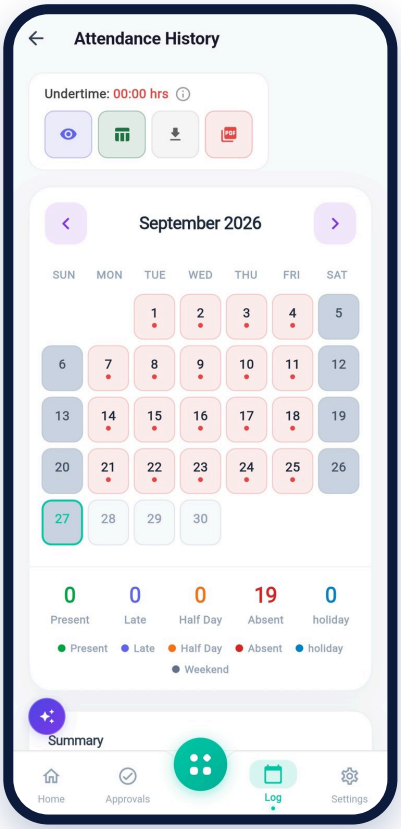
Break start and resume against company limits; server-synced clock and elapsed-hours counter.

Live Attendance Board

Punched In, Out, On Break, Absent, Half-Day, On Leave and WFH — in real time.

Auto-Checkout & Night Shifts

Forgot-to-checkout resolved automatically; shifts that cross midnight handled correctly.



Employee attendance history: monthly calendar with Present, Late, Half-Day, Absent, Holiday and Weekend states

Manual overrides leave a trail

Admins and supervisors can record a manual punch for exceptional cases — a reason is mandatory and every override lands in the audit log.

TRUST & INTEGRITY

Anti-Fraud & Device Integrity

Zero buddy-punching, by design

Built-in safeguards against proxy punches, spoofing and tampering — checked before a punch is accepted.

Layers of Protection

Device Binding

Each account is bound to an authorized handset, so nobody can clock in for a colleague. Admins can unbind when an employee upgrades.

Mock-Location Detection

Detects mock-GPS apps and simulated coordinates, and rejects those punches automatically.

Developer-Mode Lockout

If Android Developer Options or USB debugging is on, the app shows a lockout screen until it is switched off.

Root & Jailbreak Detection

Scans for compromised OS privileges — Magisk, SuperSU and jailbroken runtimes — to protect enterprise data.

Replay-Attack Defense

Cryptographic punch nonces and idempotency tokens stop duplicate, backdated or manipulated submissions.

Biometric Consent

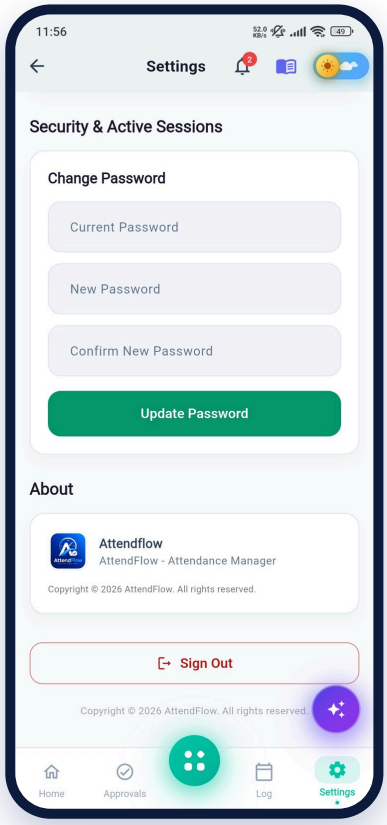
In-app consent for facial data supports GDPR and DPDP-style privacy requirements.

Threats It Shuts Down

Threat	What stops it
Buddy punching	Device binding + selfie liveness
Proxy check-ins	Face detection, ID badge / QR verification
GPS spoofing & fake-location apps	Mock-location detection, geofence radius
Photo or screen spoofing	Blink, head-turn and smile challenges
Replayed or backdated punches	Nonces, idempotency, timestamptz integrity
Rooted or debug-enabled devices	Root/jailbreak scan, Developer-mode lockout

Sudo-style admin confirmation

Admins re-enter their password before saving sensitive system, security or payroll settings. Four failed attempts lock the account for 10 minutes, end active sessions and email HR a security alert.



Security & Active Sessions in Settings

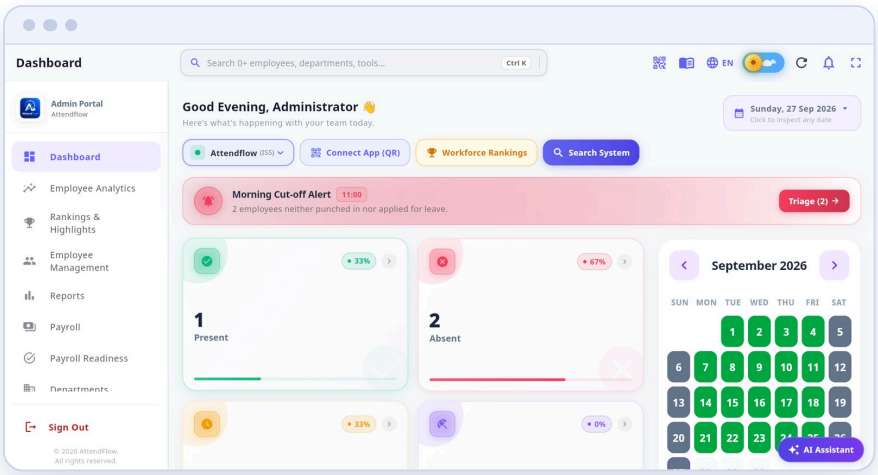
Morning Action Center, Field & WFH

Start the day knowing exactly who is where

Morning Action Center

A purpose-built morning screen for HR and operations managers: who has arrived, who is running late, who is absent without notice, who is on approved leave and who is working from home.

- **1-click WhatsApp & call nudge** to missing employees, with a pre-formatted message
- **Morning Cut-off Alert** flags people who neither punched in nor applied for leave
- **Shift coverage checks** alert you when a department lacks critical opening staff
- **Daily digests** to HR and executives: headcount, absentees and overtime



Dashboard with Morning Cut-off Alert and Triage

Field & Site Visits

Check in at client offices, vendor hubs and construction sites.

- Real-time GPS, address and client name
- Purpose, meeting notes and photo proof
- Automatic visit-duration calculation
- Manager approval workflow; tap to open the location in Google Maps
- Battery-optimized background location

Work From Home

A request-and-approve flow for remote days.

- Single or multi-day requests with justification
- Manager / admin approval with push and email alerts
- Approved WFH bypasses the geofence automatically
- Live monitor filter for everyone currently remote

Live Attendance Board

Punched In · Punched Out · On Break · Absent · Half-Day · On Leave · Work From Home

Real-time status for the entire workforce, with a server-synced clock and live elapsed-work counters. Filter by department, location or shift.

Ask the assistant where your team is

“Who is on WFH today?” or “List today’s field visits for the sales team” — answered instantly instead of cross-referencing screens.

Leave, Regularization & Overtime

Day-to-day HR requests, handled without a spreadsheet

Leave Management

Six categories with real-time balances.

- Casual, Sick, Paid/Earned, Maternity & Paternity, Loss of Pay, Comp-Off
- Custom annual quota per leave type
- Balance ledger that can never go negative
- Half-day and multi-day date-range picker
- Team leave calendar and planner
- Multi-level approval with 1-tap review alerts

Regularization

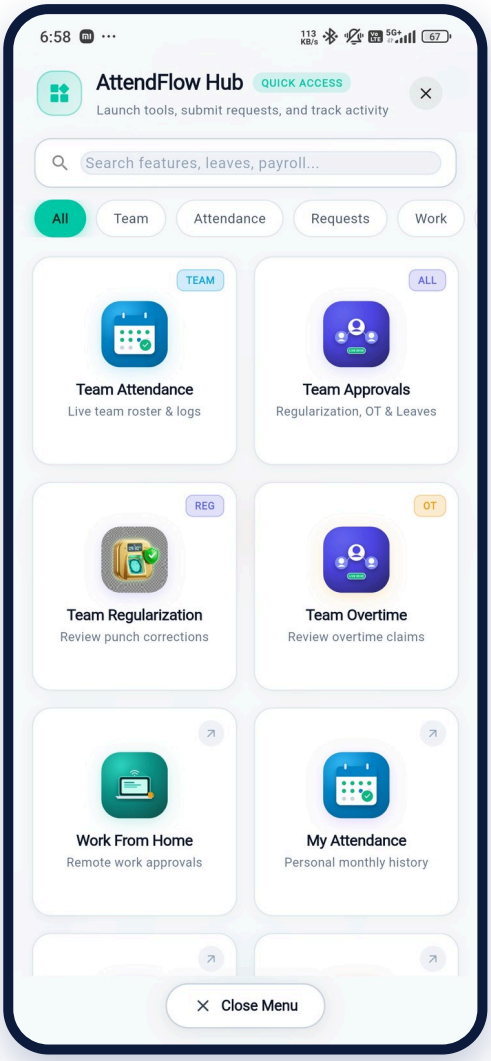
A workflow for missed or incorrect punches.

- Missed punch, late arrival and early departure requests
- Attach medical certificates or receipts
- Optional dual verification: manager *and* HR/admin
- Approval recalculates hours and removes LOP automatically

Overtime Engine

Detected automatically, reconciled before payout.

- Minimum threshold buffer (e.g. 30 mins)
- Hourly rate or multiplier (1.5x, 2.0x)
- Rounding modes and daily maximum caps
- Employee claims verified by managers against punch times
- Checkout reminders at set intervals with quiet hours



The Hub: Team Attendance, Approvals, Regularization, Overtime, Work From Home and more, with search and category filters

Every Request, One Approval Flow

Missed punch · Late arrival · Early departure · Leave & half-day · Work from home · Overtime claim · Field visit

Two-tier approval, built in

Regularization can require manager verification followed by HR/admin final approval — a stronger control than a single rubber-stamp button. Approvals trigger push and email notifications.

STRUCTURE

Shifts, Holidays & Notifications

The rules admins set once, enforced every day

Shifts & Rosters

Configure once; the system enforces daily.

- Morning, Evening, Night, General and custom shifts
- Rotational shifts for employees and departments
- Grace period before a punch is flagged Late
- Half-day thresholds and full-day minimum hours
- Shift coverage alerts when headcount drops

Weekly Off & Weekend Policy

Match how your company really works.

- Weekly-off schedules (Sunday, Saturday–Sunday)
- All Saturdays off, alternate Saturdays off, or tenure-gated
- Overnight shifts spanning two calendar days

Holiday Calendars

One calendar per state, country or branch.

- Multi-branch holiday lists
- Mandatory vs optional / restricted holidays
- Floating holidays chosen by employees
- Upcoming-holidays widget on the dashboard

Departments & Hierarchy

Scope visibility and approvals.

- Reporting managers drive approval routing
- Manager views filtered to their team
- Bulk reassignment of departments

Multi-Channel Notifications & Communication

Push Notifications

Real-time mobile and web alerts for punch reminders, approvals and broadcasts (Firebase Cloud Messaging).

Transactional Email

OTP, password resets, approvals and payslips through Resend or your own SMTP / API keys.

Morning & End-of-Day Digests

Automated summaries to HR and executives: headcount, absentees and overtime totals.

Announcements & Notice Board

Company-wide bulletins with pinned banners and popups shown at login.

In-App Notification Center

Read/unread states, badges and deep links straight into approval screens.

Birthdays & Anniversaries

Dashboard cards and celebration popups for upcoming milestones.

Reminders that reduce forgotten checkouts

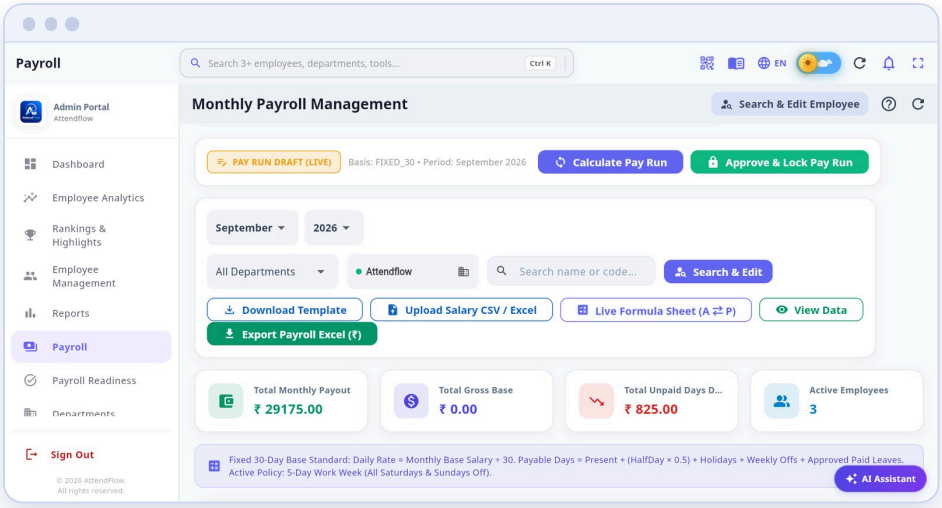
Employees still clocked in after shift end get recurring checkout reminders at configurable intervals, with a quiet-hours cutoff so nobody is pinged late at night.

PAYROLL

Dynamic Payroll Engine

From verified attendance to bank-ready payouts

Payroll is calculated from real, verified attendance — with a formula builder that adapts to your salary structure.



Monthly Payroll Management: Calculate / Approve & Lock, template and CSV upload, live formula sheet, Excel export

Earnings Heads

Build components as % of basic, fixed or taxable / non-taxable.

- Basic Pay
- HRA
- DA
- Special Allowance
- Conveyance
- Incentive / Bonus
- Approved Overtime

Deduction Heads

Statutory, attendance-driven and custom deductions.

- PF / EPF
- ESI
- Professional Tax
- TDS
- LOP & Late
- Advance / Loan
- Custom Penalty

Formula-Based Engine

Custom earnings and deduction component builder, plus a live formula sheet.

Configurable Base Days

Pay on 30 fixed calendar days or actual working days in the month.

Late-Arrival Rules

Set free late arrivals per month; deduct automatically past the limit.

Advances & Adjustments

Record mid-month advances, bonuses and reimbursements with audit notes.

Freeze & Lock

Approve and lock the pay run against post-facto changes, with tamper-proof audit sealing.

Bank Disbursement

NEFT, RTGS and IMPS payout files plus formatted Excel payroll registers.

Attendance in, payroll out

Verified punches, approved overtime, leaves and regularizations feed the pay run directly — approved regularizations recalculate present hours and remove LOP automatically.

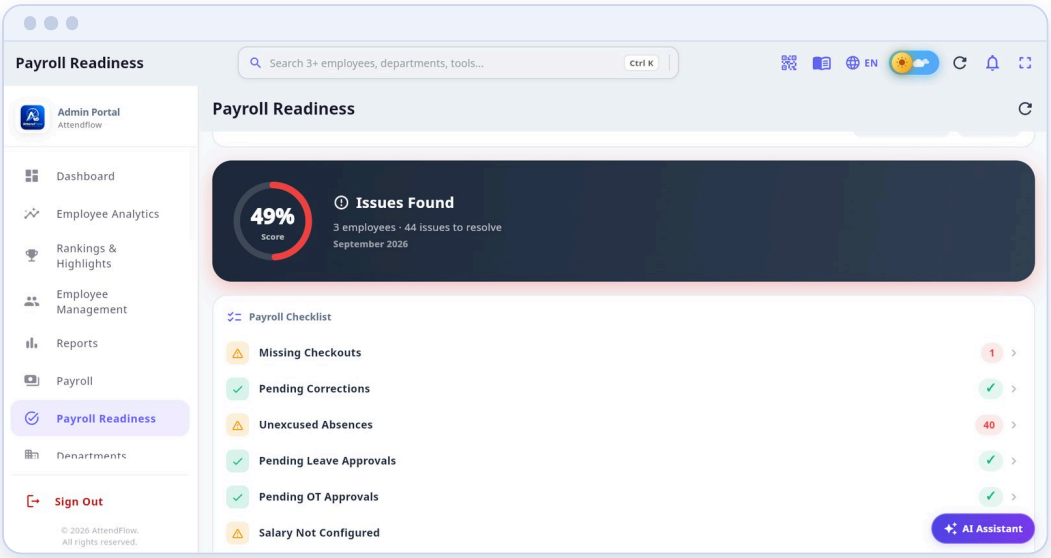
REPORTS & READINESS

Payroll Readiness & Payslips

See problems before payroll day, not after

Pre-Payroll Readiness Audit

A live health score for the month, so nothing surprises you at lock time. Each item drills down by employee.



Payroll Readiness: readiness score, issue count and checklist

- **Missing checkouts** and single punches
- **Pending corrections** (open regularizations)
- **Unexcused absences** listed per employee
- **Pending leave** and **overtime** approvals
- **Salary not configured** flags before the run
- **Readiness score**: one number for how ready the month is to lock

Ask the AI

"What's blocking this month's payroll?" and "List employees with unset salaries" get answered in one pass.

Digital Payslips & Employee Income Portal

Automated PDF Payslips

Company logo, registered address and tax IDs, with a full breakdown of gross earnings, deductions, net payable and attendance metrics (present days, paid leaves, LOP days).

Authorized Signatures

Upload up to two signatures for official stamping on generated payslips.

In-App Payslip Viewer

Employees view current and past payslips in the mobile app, with 1-tap PDF download and direct wireless printing.

Bulk Email Dispatch

Send payslips to every inbox as soon as payroll is finalized.

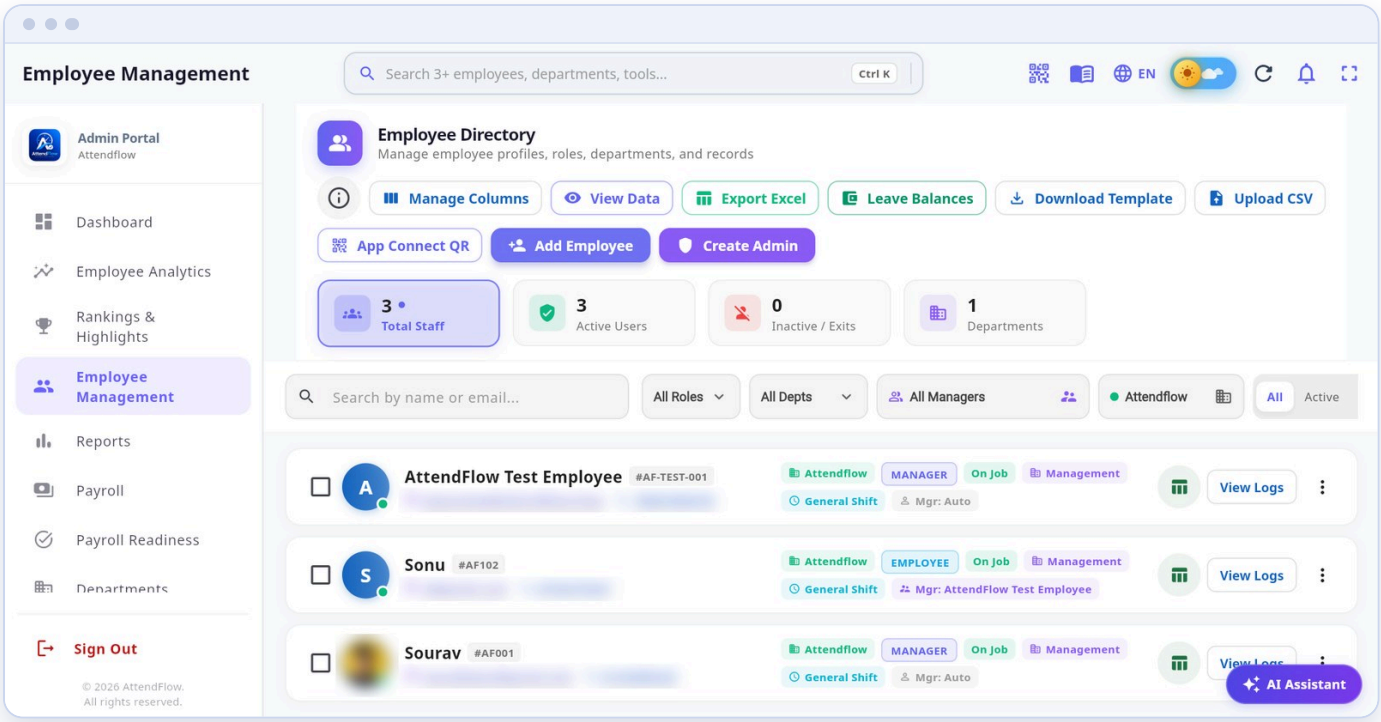
Zero-surprise payroll day

Dual verification and payroll freeze mean the numbers your team reviewed are the numbers that get paid.

PEOPLE

Employees & Digital ID Badges

360-degree profiles and badges that double as clock-in credentials



Employee Directory: roles, departments, managers, shift and quick actions (contact details blurred)

- Codes, designation, department, joining date and location
- Personal and emergency details, blood group
- Bank details: account, IFSC / SWIFT, branch
- **Document vault**: ID proof, offer letters, contracts
- Reporting hierarchy for approval routing
- Unlimited **custom fields** (text, number, date, dropdown)

Bulk Operations

Download the Excel template, import hundreds of employees with auto-validation, bulk activate, deactivate or reassign.

Promotions & Roles

Promote to Manager or Admin with updated permissions in one dialog.

Birthdays & Anniversaries

Dashboard cards and celebration popups for the whole team.

Smart Digital ID Badges

Interactive 3D card

- Animated flip between front and back
- **Front:** photo, name, designation, employee ID, department, blood group, emergency phone, company logo
- **Back:** anti-screenshot QR for touchless verification and gate access, terms, lost-card policy, authorized signature

Print-ready PDF

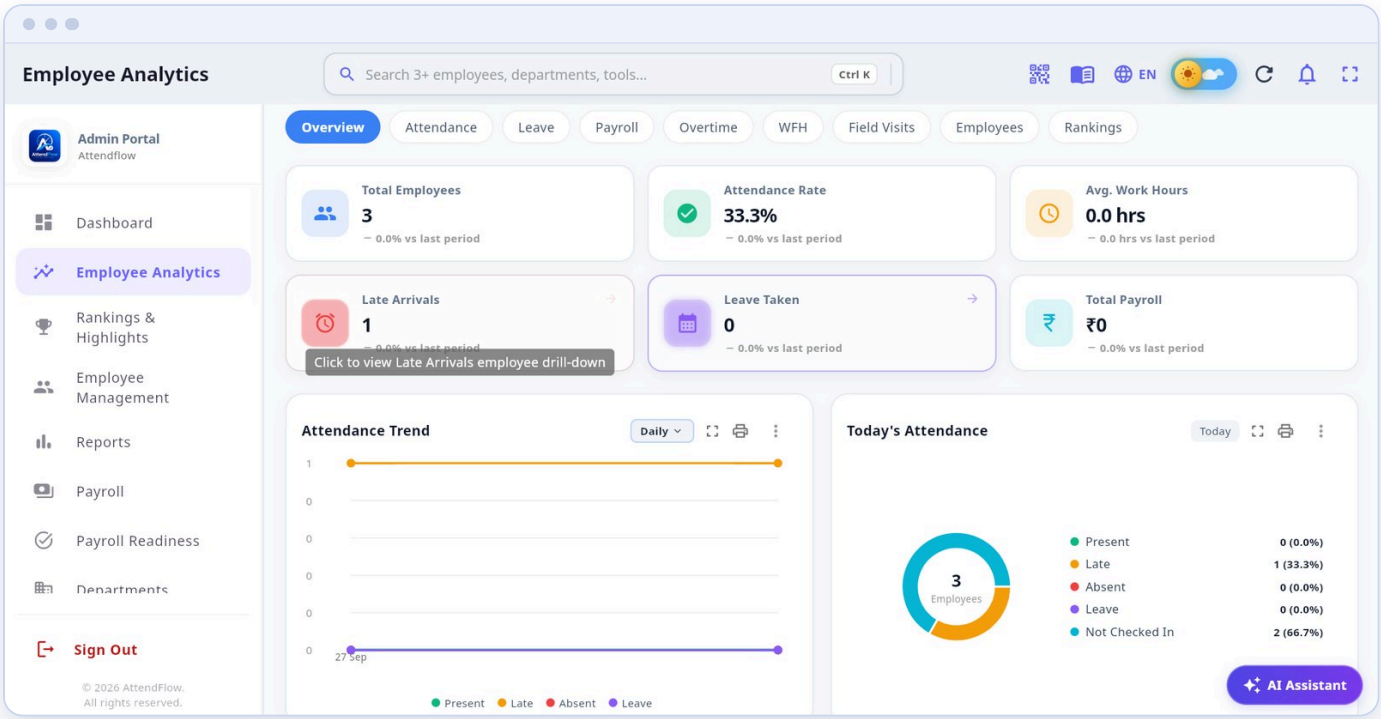
- Dual sheet, individual, front-only or back-only
- A4 and US Letter
- Cut guides, lanyard-slot punch guides and crop marks

Classic Stripes · Executive Slate · Modern Gradient · Tech Minimalist · Sapphire Horizon

INSIGHTS

Analytics, Rankings & Reports

Executive BI, gamified recognition and one-click exports



Employee Analytics: attendance rate, average hours, late arrivals, leave, payroll, trend and today's distribution

Executive Dashboards

Daily, weekly, monthly and yearly attendance graphs, departmental punctuality and distribution charts.

Absenteeism & Burnout

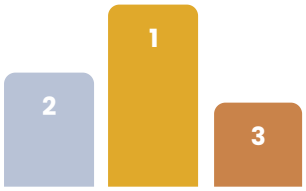
Spot department absenteeism spikes and excessive-overtime burnout early.

Ask AI: Why?

One tap on a chart asks the assistant to explain an attendance dip.

Workforce Rankings & Leaderboards

Podium + Top 5



Click any name to drill down to the exact punch records

RECOGNITION

- Punctuality Champion
- Longest Consistency Streak
- Top Attender

MONITORING

- Late Arrival Trend
- Absenteeism Flag
- Missed Checkout Watch

WORKLOAD

- Overtime Hero

Seven deterministic categories, exportable to Excel.

Reports Hub & Exports

Reports

Daily attendance register, monthly summary, custom date-range audit and leave balance ledger.

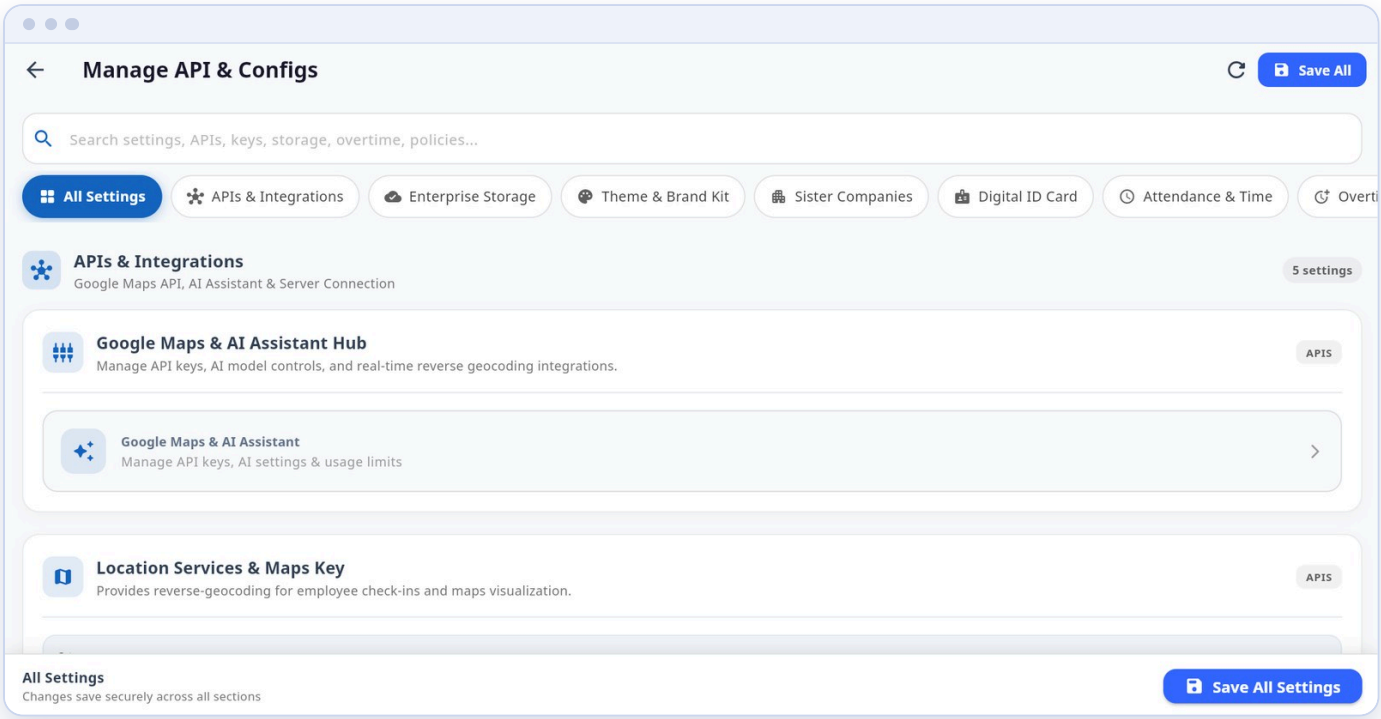
Exports

Excel, PDF (with company branding and signatures) and CSV, with a custom column selector and in-app preview.

PLATFORM

Multi-Company, Branding & Integrations

One platform for groups, branches and every market



Manage API & Configs: searchable settings hub with API keys, storage, theme & brand kit, sister companies, ID card, attendance and more

Multi-Company

Manage sister companies, subsidiaries or partner entities under one umbrella account.

Multi-Branch

Offices, stores, warehouses and job sites, each with its own geofence and shifts.

Guided Handover

First-login wizard: admin email, company details, timezone, shifts, weekly offs and geofence radius.

Your Brand Kit

Company logo across navigation, reports, ID cards and payslips; five colour presets or custom hex colours; dark and light modes.

Global Ready

English, Hindi, Arabic (RTL), Spanish, French, German and more; multi-currency and corporate timezone.

Flexible Storage

Photos and documents on AWS S3, Cloudinary, DigitalOcean Spaces or compatible buckets.

Integrations & Extensibility

Integration Hub

- Outbound webhooks for HRMS and ERP systems
- Slack and WhatsApp notification webhooks
- Biometric machine / hardware clocking endpoints
- Google Maps key for satellite geofence preview and geocoding

Deployment

- Dockerized containers; Render one-click blueprint
- Nginx reverse proxy with security headers and SSL
- Node.js API with PostgreSQL
- Central registry for tenant and custom-domain routing

SECURITY

Security, Audit & Data Control

Enterprise-grade protection, explained in plain language

Secure Authentication

Token sessions, OTP password recovery, forced password change and lockout after repeated failures.

Role-Based Access

Admin, Manager and Employee see only what they should — re-validated on every request.

Enterprise Audit Logs

Permanent ledger of actor, action, IP, device, timestamp and before/after states across logins, overrides, salaries and roles. Searchable by date, user, category or severity.

Data Retention

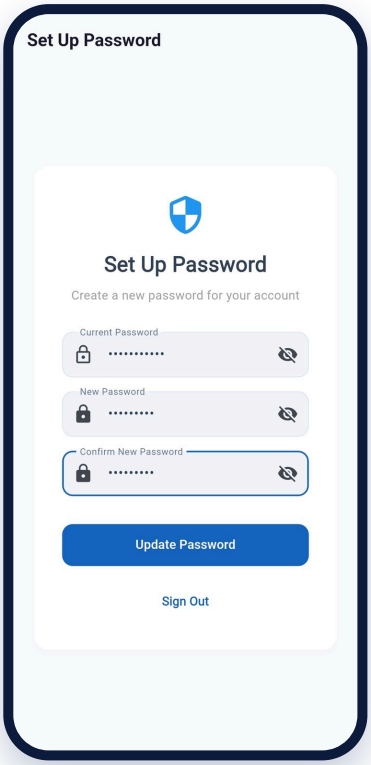
Auto-purge punch selfies after 30, 45 or 90 days, or clean up in one click; expired notifications purged automatically.

Backup & Recovery

Scheduled snapshots, on-demand PostgreSQL dumps and point-in-time restore.

System Health

Live uptime, database latency and storage diagnostics.



Forced password setup on first login

How AttendFlow Compares

Capability	AttendFlow	Spreadsheets	Generic HRMS
Selfie + liveness + GPS geofenced punches	✓	✗	Rarely
Built-in AI assistant across attendance & payroll	✓	✗	Rarely
Device binding & mock-location detection	✓	✗	Rarely
Formula-based payroll with readiness audit	✓	Manual	Sometimes
Full audit log of admin actions	✓	✗	Sometimes
Android, iOS & Web from one codebase	✓	—	Rarely

Security you don’t have to take on faith

Every safeguard is built into the platform — and the same role-based rules that protect the app also scope what the AI assistant is allowed to see.

FIT & ONBOARDING

Who It’s For & Getting Started

Built to fit how your teams actually work

Who It’s For

Corporate & Enterprise Offices

Geofenced daily attendance with full leave and payroll integration.

Field & Remote Teams

Sales reps and field staff checking in from client sites, with dedicated visit history.

Retail & Multi-Branch Chains

Multiple locations, shift-based staffing and centralized reporting.

Manufacturing & Plant Operations

Shift management, overtime tracking and bulk workforce handling.

Getting Started in Three Steps

STEP 1

Guided Setup

The first-login wizard captures admin email, company name, address, timezone, standard shifts, weekly offs and geofence radius.

STEP 2

Configure & Import

Add locations, shifts, holidays and departments, then bulk-import employees from the Excel template.

STEP 3

Go Live

Roll out on Android, iOS or Web. Attendance starts flowing immediately and the AI assistant is ready on day one.

Quick Answers

Can we brand it?

Yes — your logo and brand colours carry through the dashboard, reports, ID cards and payslips.

Where is our data?

In the PostgreSQL database and storage bucket your deployment uses, with scheduled backups and one-click restore.

What about the AI?

Enable it company-wide or per role, with monthly usage limits you control. Answers are generated from your company data.

Everything in one place

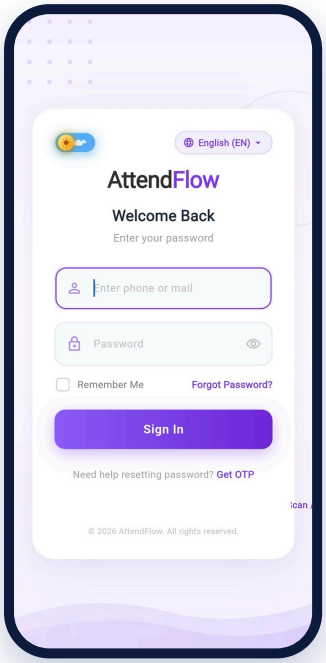
Attendance, leave, payroll, payslips, ID badges, analytics and an AI assistant — in a single system your whole organization can use from day one.

PRODUCT IN ACTION

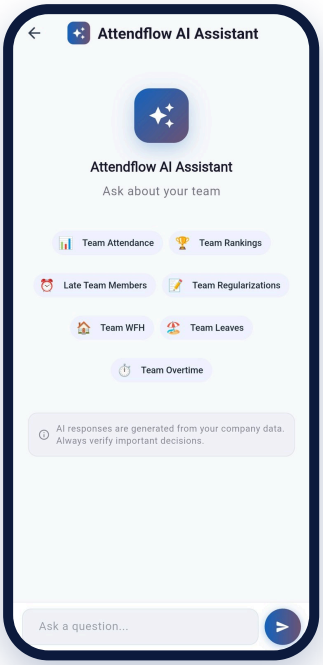
See AttendFlow For Yourself

Real screens from the AttendFlow apps

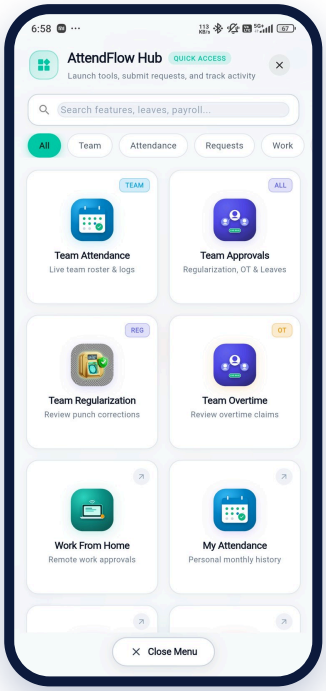
Real screens from the AttendFlow app on mobile and desktop.



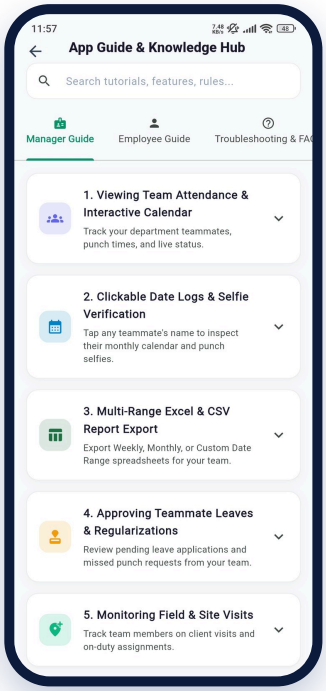
Sign in



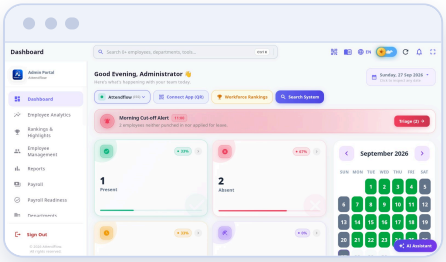
AI Assistant



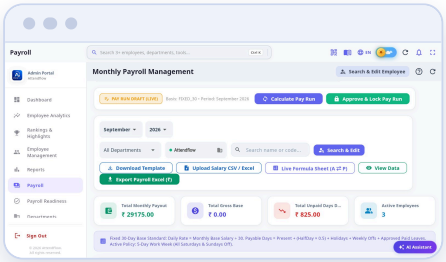
The Hub



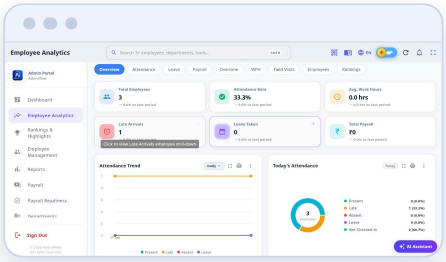
App Guide & Knowledge Hub



Admin Dashboard



Payroll



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