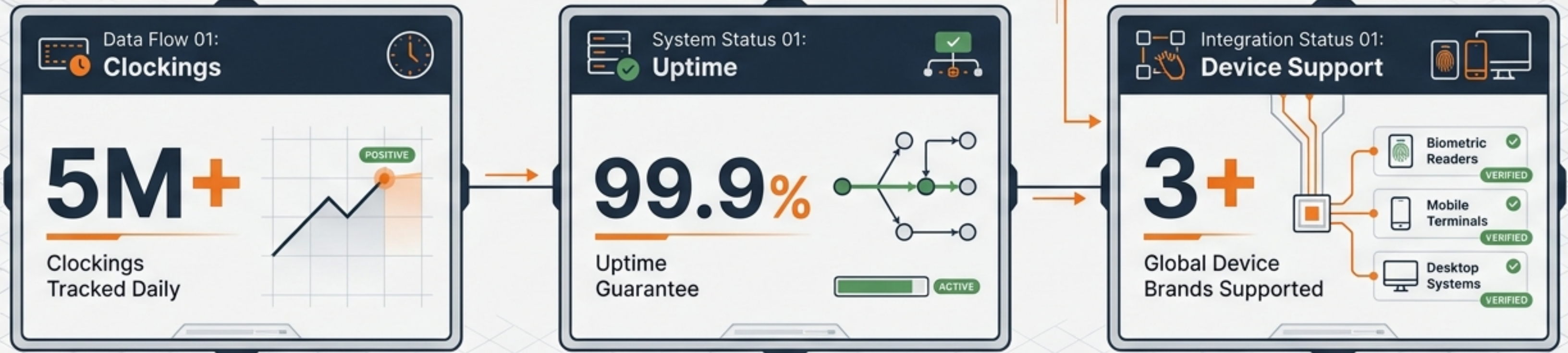


Next-Generation Workforce Intelligence

Unified Access Control, Time & Attendance,
and Payroll Automation.



THE EVOLUTION OF HARDWARE LOCKS

TRADITIONAL SOFTWARE

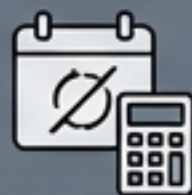
BRAND LOCK-IN:
Restricted to a single hardware ecosystem.



MANUAL OPERATIONS:
No shift sensing; complex manual rule setup.



DISCONNECTED DATA:
Manual public holiday tracking; no direct payroll sync.



SILOED INFRASTRUCTURE:
Offline, desktop-only installations.



THE SABRE PARADIGM

HARDWARE AGNOSTIC:
Seamlessly mix ZKTeco, Dahua, and Hikvision.



AUTOMATED INTELLIGENCE:
Shift sensing engine & advanced overtime logic.



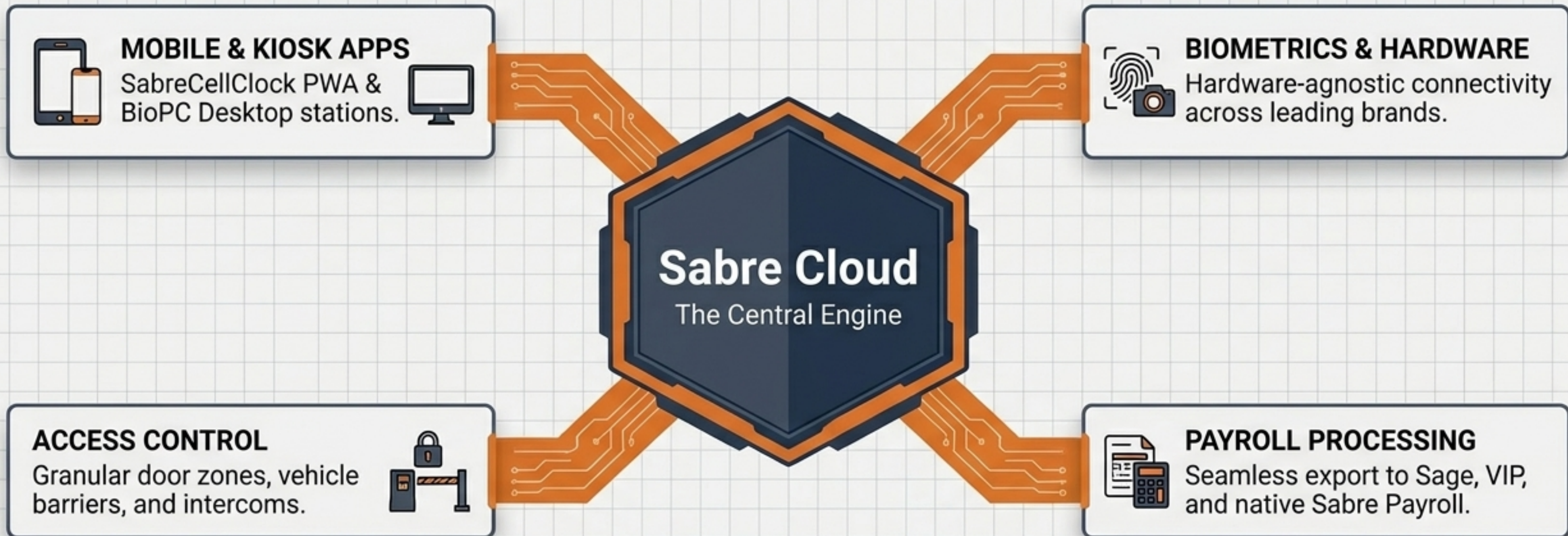
INTEGRATED WORKFLOWS:
Direct API integration with Sage, VIP & Sabre Payroll.



HYBRID-CLOUD ARCHITECTURE:
Real-time sync with robust offline capabilities.

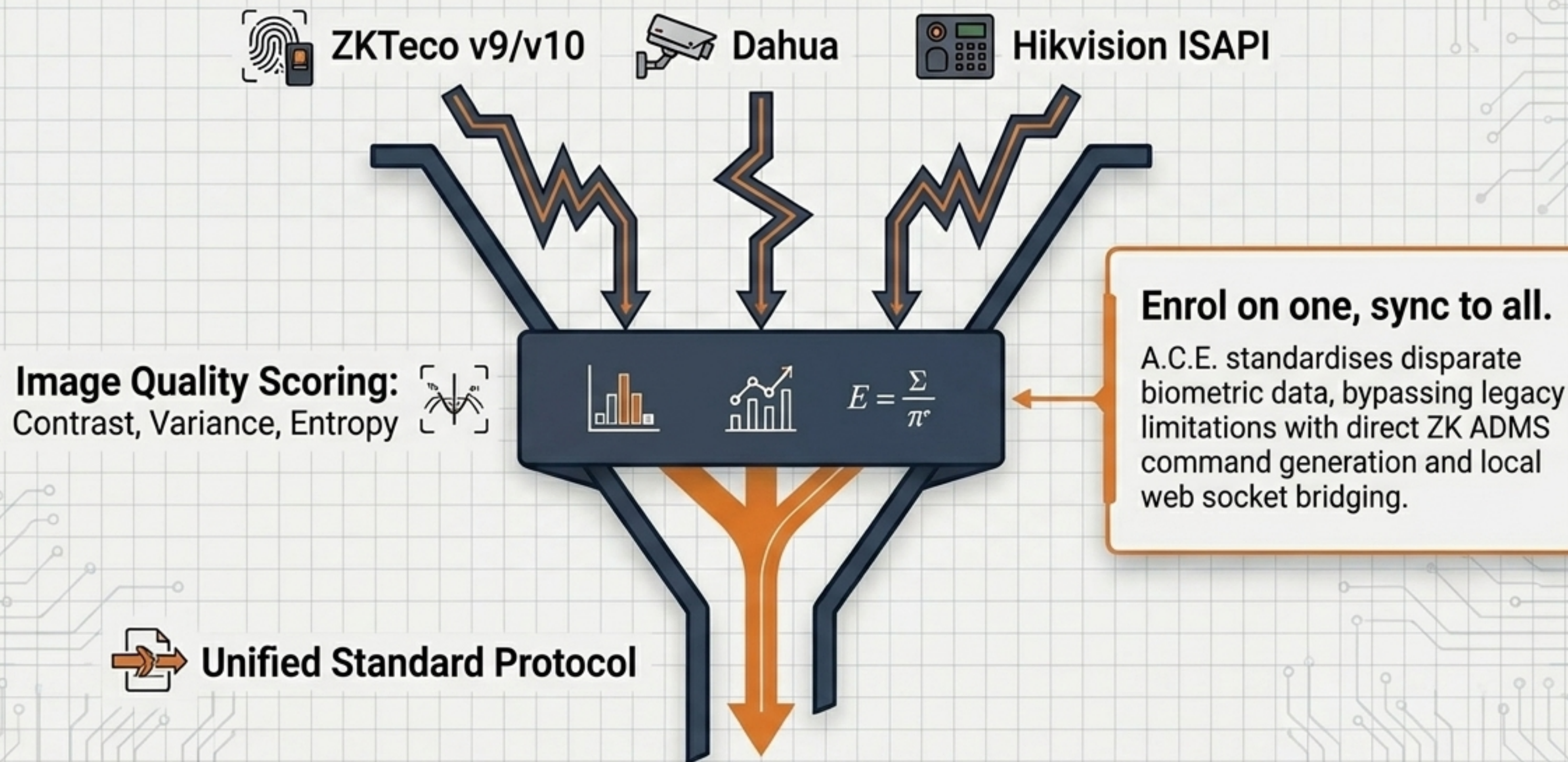


THE WORKFORCE INTELLIGENCE ECOSYSTEM



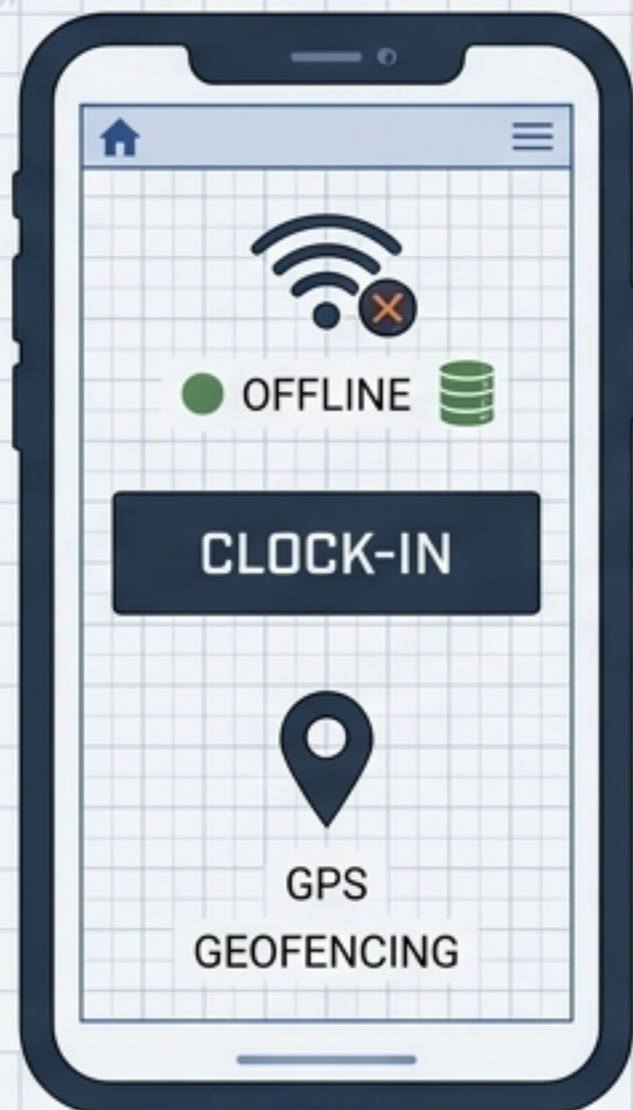
EVERYTHING YOU NEED FROM BIOMETRIC CLOCK-IN TO FINALIZED PAYSリップ.

THE ALGORITHM CONVERSION ENGINE (A.C.E.™)



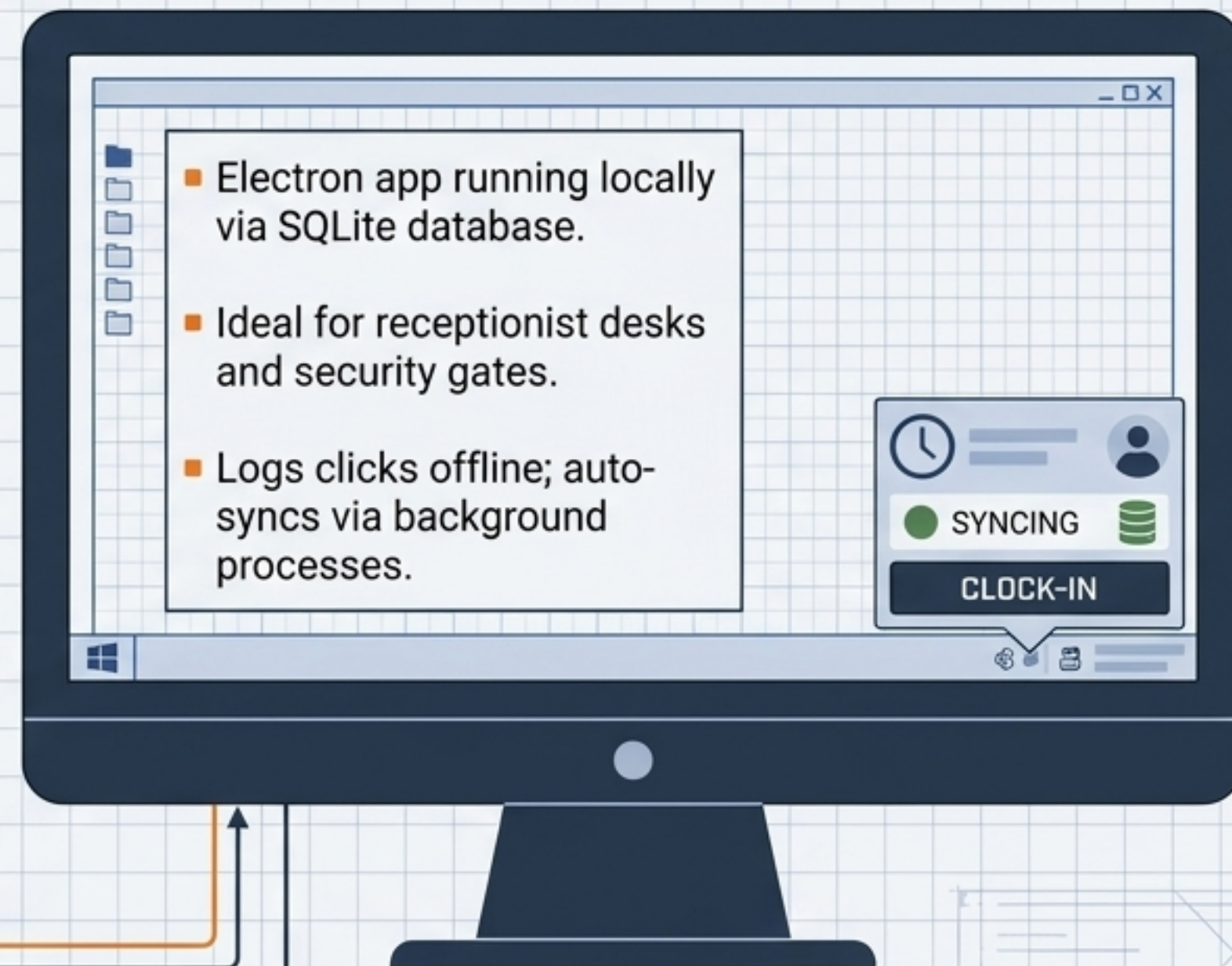
MULTI-MODAL EDGE CLOCKING

SABRECELLCLOCK PWA



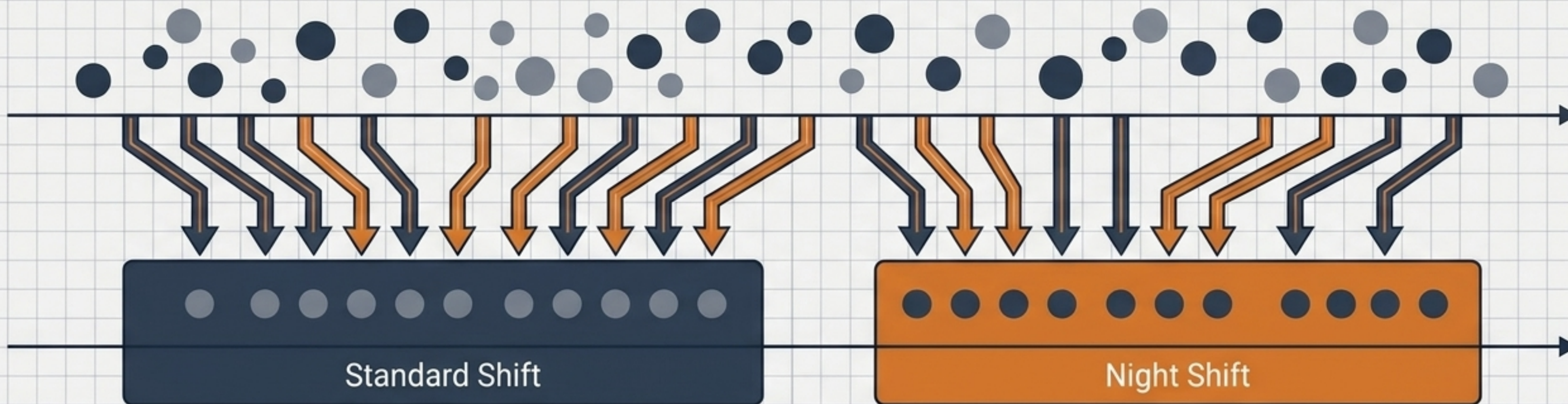
- **Offline-First**
Architecture via local storage cache.
- **6 Clocking Modes:**
Face, QR, NFC, Fingerprint, Roll Call, PIN.
- **Remote Verification:**
Mobile GPS & Geofencing.

BIOPC DESKTOP STATION



AUTOMATED SHIFT SENSING ENGINE

Erratic Raw Punches



Shift Codes

Custom tags and midnight crossing flags.

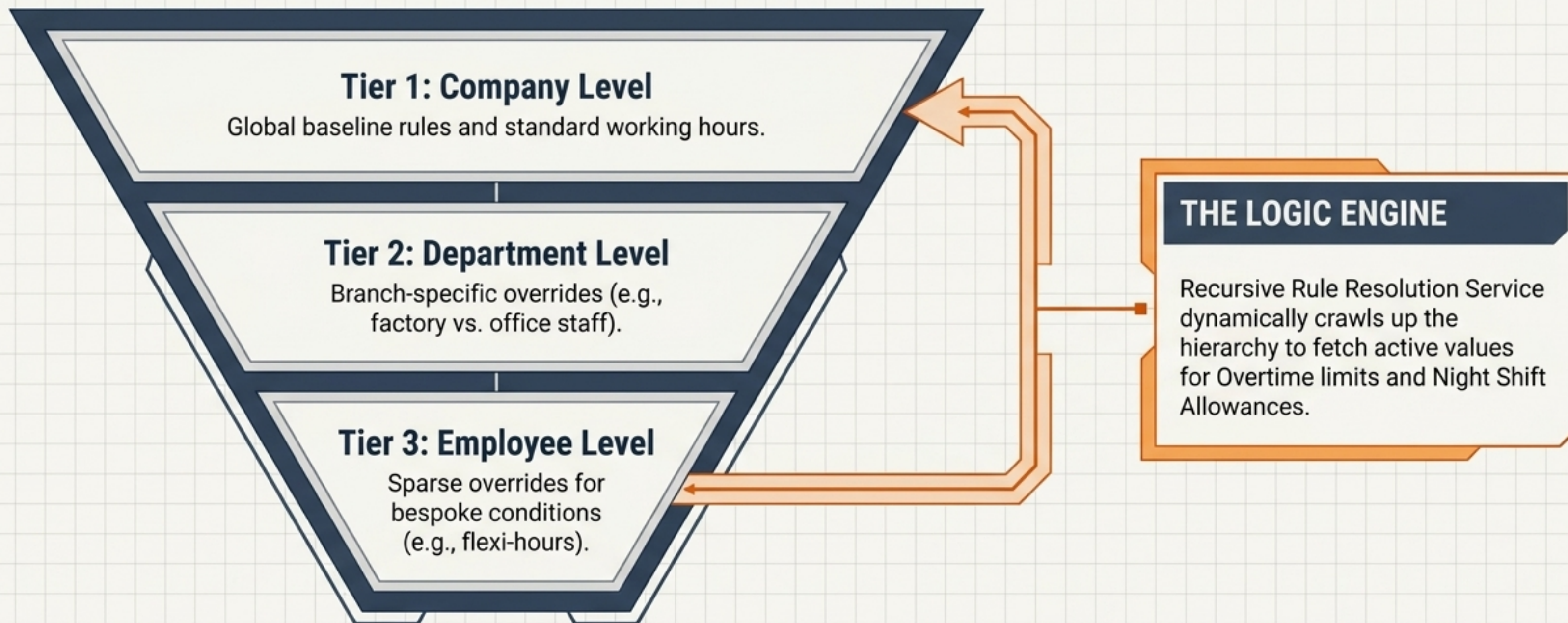
Shift Day Rules

Unique per-day overrides.

Roster Planner

Interactive scheduling and swapping grid.

ADVANCED RULE INHERITANCE & SPARSE OVERRIDES



UNIFIED LEAVE & EXCEPTION MANAGEMENT

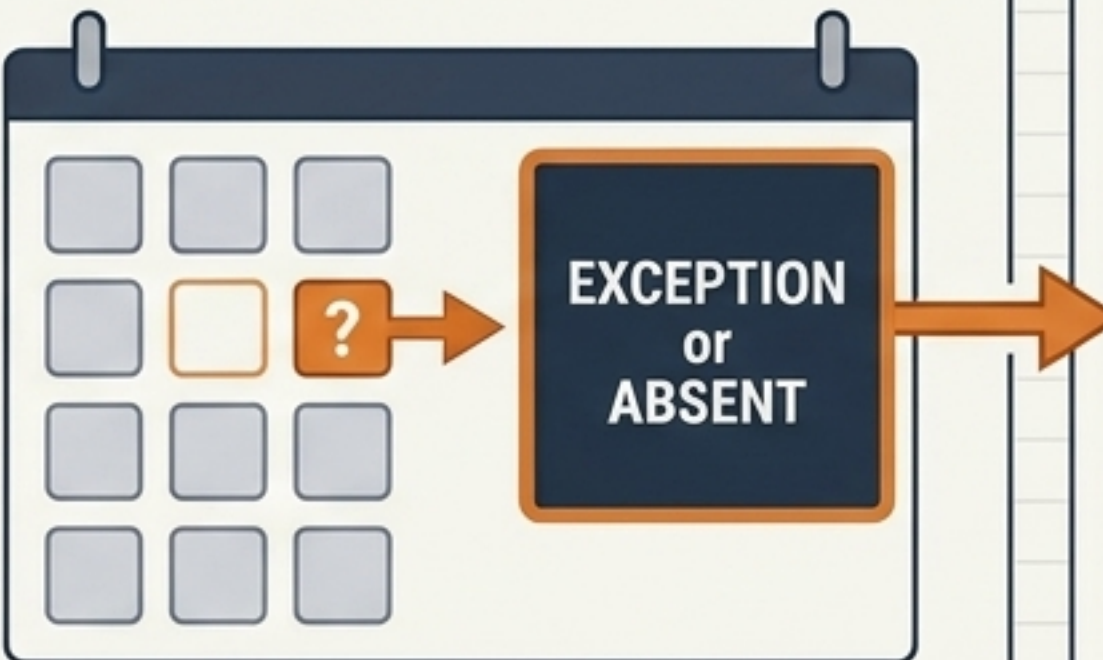
REQUEST & APPROVAL

Multi-level manager workflows for Annual, Sick, Maternity, and Family leave.



SMART ABSENCE MAPPING

Engine scans for scheduled shifts with zero clockings, auto-flagging as absent or linking to leave codes.

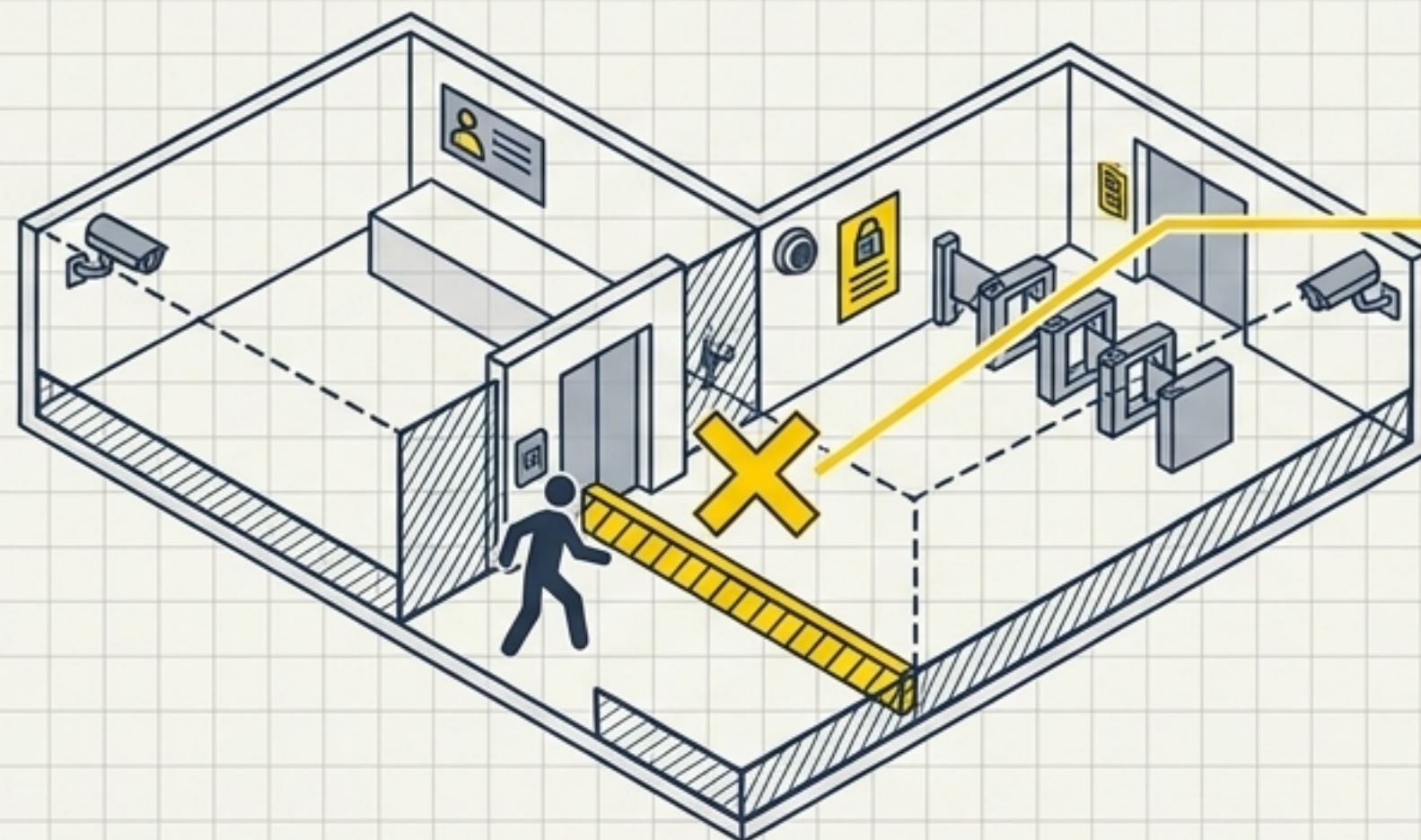


TIMESHEET INTEGRATION

Approved leave instantly generates paid hours, ensuring exact accuracy before payroll export.

Date	Shift	In	Out	Hours
2024-08-20				
2024-08-21				
2024-08-22	Annual Leave	Automated Paid Hours: 8.00 ✓		
2024-08-23				
2024-08-24				
2024-08-25				

HARDENED ACCESS CONTROL



ANTI-PASSBACK ALERT: ACCESS DENIED

ZONE MANAGEMENT

Map specific biometric readers to physical doors. Define Access Schedule Groups by department or time-zone.



ANTI-PASSBACK SECURITY

Enforces strict IN/OUT alternation to mathematically eliminate tailgating and credential sharing.

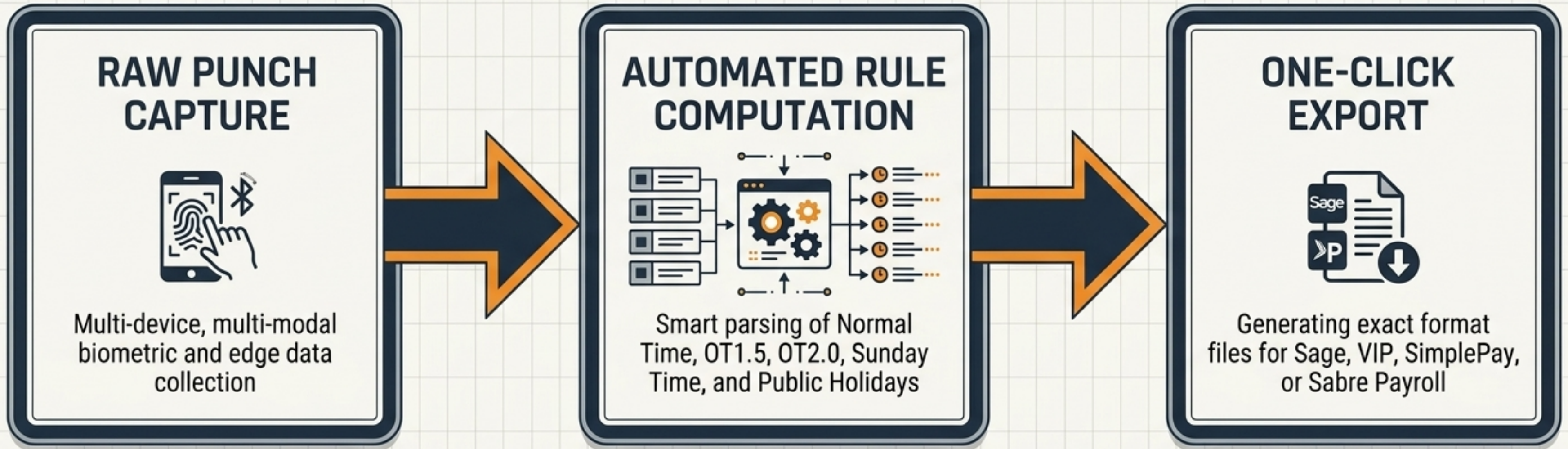


SAFETY & COMPLIANCE

Automatically block hardware door access if health & safety induction or medical certification expires.



THE 1-HOUR PAYROLL PIPELINE



**REDUCE END-OF-MONTH PAYROLL PREPARATION
FROM DAYS TO JUST 1 HOUR**

UNDER THE HOOD: TECHNICAL ARCHITECTURE

CORE BACKEND

Node.js environment with local SQLite databases for zero data loss.

SECURITY

Sabre Identity SSO (Keycloak) authentication with comprehensive audit logging.

CONNECTIVITY

Native ADMS Cloud Push for ZKTeco & XML/HTTP integration for HikVision.

INFRASTRUCTURE

Responsive routing across local networks, Tailscale VPNs, and Linux VPS environments.

FEATURE IMPLEMENTATION STATUS

LIVE & DEPLOYED

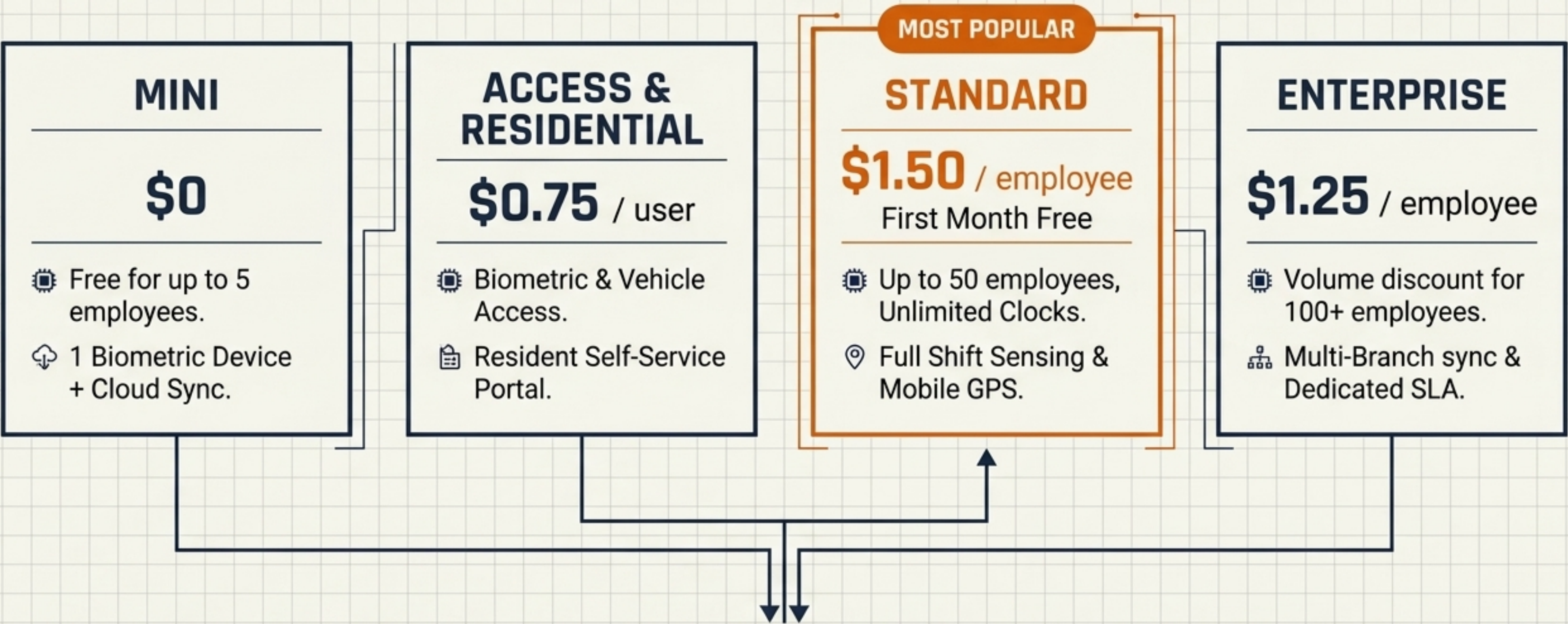
- ✓ Dashboard Role-Based Access Control
- ✓ Real-Time Biometric & Log Syncing
- ✓ Advanced Daily Overtime Calculations
- ✓ A.C.E. Biometric Enrolment Pipeline
- ✓ Drag-and-Drop Custom Report Builder

DEVELOPMENT ROADMAP

- ☐ Monthly Overtime Sweeps: Converting cumulative normal time into OT over 45-hour thresholds.
- ☐ Variable Break Deductions: Calculating true break times from dedicated break clockings.

TRANSPARENT PRICING ARCHITECTURE

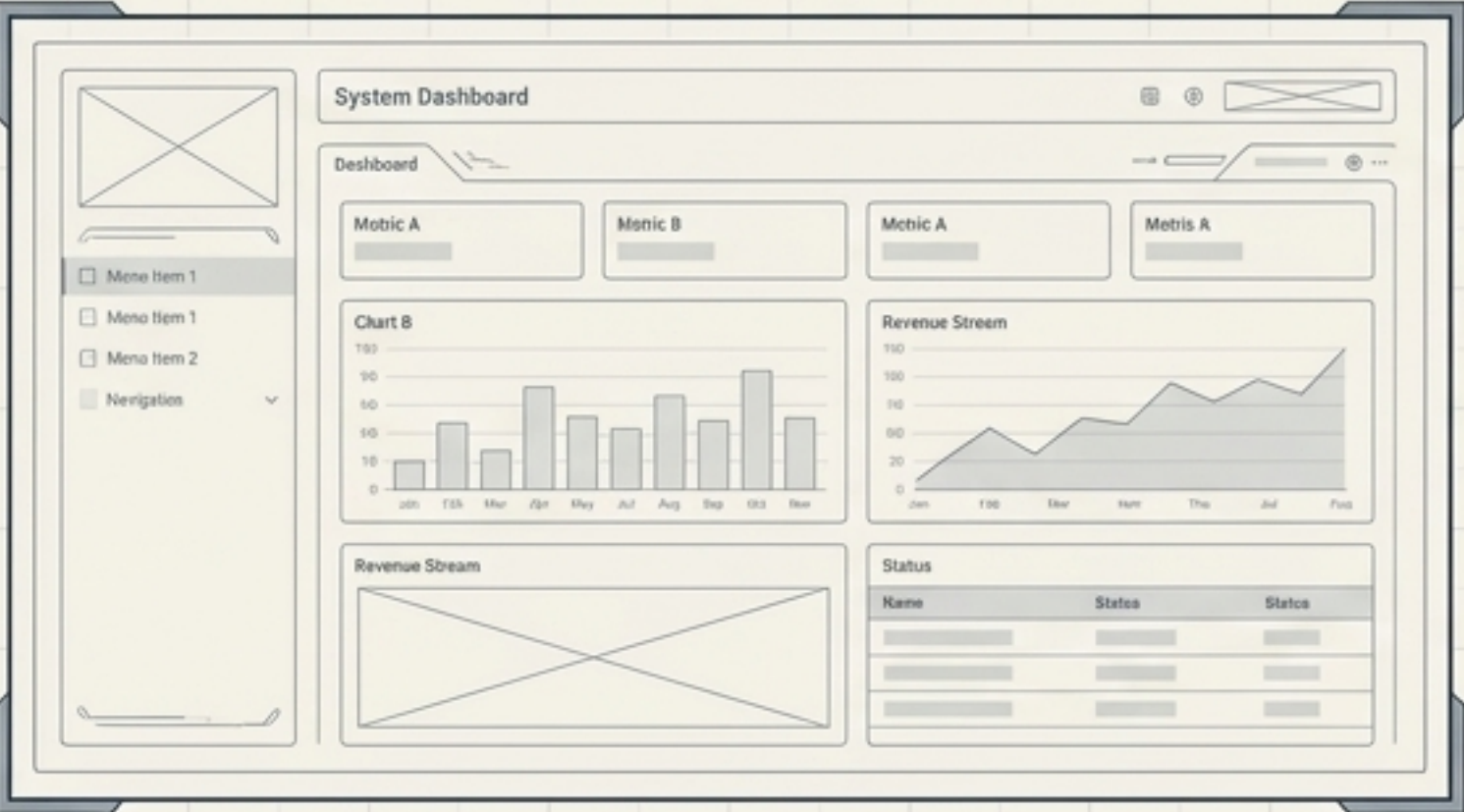
Pay only for the active employees you track. No hidden software fees.



THE SOFTWARE PARTNER PROGRAM

Deliver enterprise Time & Attendance software inside your own brand identity and set your own profit margins.

STANDARD FRAMEWORK



CUSTOM BRANDED PARTNER PORTAL



WHITE-LABEL SOFTWARE

Your logo, your custom login domain, your distinct portal. The end-client never sees the Sabre name.

RECURRING REVENUE MODEL

Buy wholesale software licenses and retail them bundled with your hardware components.

DEPLOY SABRE CLOCK TODAY



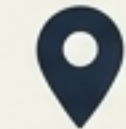
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