VISITOR MANAGEMENT SYSTEM (VMS)

Touchless Check-In, Host Approvals and Gate Security for Multi-Facility Enterprises

A cloud-native, multi-tenant visitor management platform that replaces manual visitor logs with a secure, automated digital process. Visitors check in with a QR code, hosts approve from WhatsApp or email, and security teams see exactly who is on site, across every facility.

THE CHALLENGE AND OUR ANSWER

The challenge. The front desk and security gate are the first impression of a business. Paper registers are slow, insecure and produce no usable data. When an incident occurs, there is no quick way to know who is in the building, who approved them and when they left.

The answer. Unitglo VMS automates the gate end to end: touchless QR registration with photo and ID capture, one-click host approval, QR pass scanning by security, live dashboards, overstay alerts and downloadable audit logs, with a dedicated database for every client.

TOP FEATURES

Touchless QR Entry

Visitors self-register from a QR code with automatic photo capture and ID verification. The form adapts to facility operating hours.

1-Click Host Approval

Hosts receive an instant WhatsApp or email notification and approve or reject the visit right from the message.

Security Terminal

Guards scan the QR pass, verify the live photo and ID, log vehicle details and commit check-in and check-out.

Multi-Facility Control

Manage headquarters, branches, plants and warehouses from one login, each with its own gates, rules and hours.

100% Data Isolation

Every client gets a dedicated, isolated database, so visitor data is never pooled with anyone else's.

Alerts and Audit Logs

Automatic overstay alerts, live analytics with peak hours, and downloadable compliance audit logs.

FROM QR SCAN TO CHECK-OUT



EVERY STEP IS TIMESTAMPED AND RECORDED, GIVING A COMPLETE DIGITAL AUDIT TRAIL

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CHALLENGE AND SOLUTION

Legacy challenge	The VMS answer
Slow paper registers. Visitors queue at the gate to write their details by hand.	**Touchless registration.** Visitors scan a QR code and register on their own phone, or use a reception kiosk.
No live headcount. After an incident, building a list of non-employees takes time.	**Real-time visibility.** Dashboards show who is on site across all locations, with a visitor directory and exports.
Hosts are hard to reach. Guards phone around to confirm visitors.	**Instant host approval.** WhatsApp or email notifications let hosts approve or reject without learning a new tool.
Unnoticed overstays. Visitors remain past permitted hours.	**Automated overstay alerts.** Security is notified when a visitor stays beyond the allowed time.
Guards act as data-entry clerks. Time goes into writing, not watching.	**Focused security staff.** Scanning and verification are fast, so guards can monitor the facility.

THREE WAYS A VISIT BEGINS AND ENDS

Pre-registration

A host creates the visit with purpose, date and visitor details. Based on plant policy it auto-approves or routes to Management, and the visitor receives a branded invitation with a secure QR pass.

Walk-in

Visitors scan a gate QR or use a reception tablet, capture a live photo and upload ID. The chosen host gets a real-time prompt to approve or reject, and the QR pass follows.

Gate check-in and out

Guards scan the pass, and the system checks expiry, plant location and revocation. After photo and vehicle checks, check-in is logged. A final scan records the exit and releases reserved rooms.

MULTI-CHANNEL NOTIFICATIONS

Intelligent event routing

- Alerts are triggered by system events: visit created, visit approved and check-in.
- **WhatsApp** through the Meta Graph API using pre-approved, branded templates.
- **Email and SMS** fallbacks keep notifications deliverable.

Configurable templates

- Tenant Admins edit message templates directly, without developer help.
- Templates support dynamic placeholders such as visitor name and QR link.
- Hosts can also approve inbound walk-ins and view their personal visitor history.

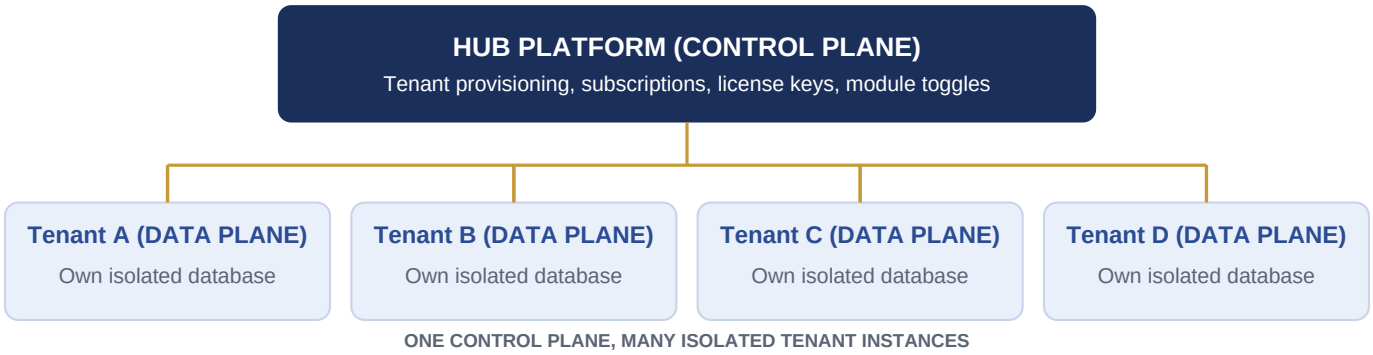
ASSET AND MATERIAL DECLARATION

Visitor equipment such as laptops can be declared and tracked as part of the visit, with group registration and material declaration available on the Pro plan and above.

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TWO-PLANE ARCHITECTURE

Global management is separated from daily operations. The Hub controls tenants, while each tenant runs on its own isolated data plane.



ONE CONTROL PLANE, MANY ISOLATED TENANT INSTANCES

CORE PORTALS

Portal	What it does	Used by
Hub Portal	Tenant provisioning, subscription billing with GST, license quotas and system audit trails	Platform administrators
Tenant Dashboard	Live visitor directory, data exports, footfall analytics, and master settings for company, plants, rooms, roles and templates	Tenant Admins, Management
Security Terminal	Fast QR scanning, ID verification and vehicle logging, without administrative clutter	Security guards
Reception Kiosk	Tablet self-registration where walk-ins pick a host, capture ID and photo, and trigger approval	Visitors, Reception

ROLE-BASED ACCESS CONTROL

Role	Key permissions
Tenant Super Admin	Unrestricted access: billing, global settings, plant configuration and all user provisioning
Tenant Admin	Day-to-day operations: users, conference rooms, advanced reporting and manual approval overrides
Security Guard	Gate actions only (scan and check-in), bound to the assigned plant
Receptionist	Walk-in traffic, badge printing and live visitor directory for their location
Host / Employee	Create visits, approve inbound walk-ins and view personal visitor history

PERIMETER DEFENSE AND DATA PRIVACY

Access protection

- **Geofencing:** self-registration links work only when the visitor is physically near the plant.
- **Kiosk locking:** rotating secure tokens stop unauthorized devices or shared URLs.
- **Time-bound QR tokens:** passes expire and can be revoked.

Privacy and audit

- **Data privacy:** granular control of ID proof retention with automated purging for GDPR and local compliance.
- **Immutable audit log:** overrides, settings changes and token creation are tracked.
- **Isolated databases:** complete data residency per tenant.

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WHO IT SERVES

Tenant Administrators
IT and HR heads manage plants, branding, user quotas and reporting.

Internal Hosts
Employees pre-register guests, approve requests and get arrival alerts.

Security and Reception
Staff scan passes, verify ID and photos, and enforce the perimeter.

The Visitor
Contractors, clients and candidates enter with a QR invitation, kiosk or contactless check-in.

HUB PLATFORM, PLANS AND INDUSTRIES

Provisioning and licensing
- Razorpay checkout with integrated GST calculation.
- cPanel integration provisions the database and subdomain automatically.
- Cryptographic license keys with tamper-proof signatures, and per-tenant add-on modules such as Canteen System and Billing.

Plans and where it runs
- **Starter:** single office, QR registration and basic approvals.
- **Pro / Business:** adds group registration, material declaration and advanced notifications.
- **Enterprise:** unlimited facilities, custom integrations, dedicated support. Deployed in corporate offices, plants, healthcare, warehouses and education.

GETTING STARTED

Choose a package → **Hub provisions URL and database** → **Configure facilities, import employees** → **Go live**

AUTOMATED ONBOARDING: THE DEDICATED ENVIRONMENT IS PROVISIONED AUTOMATICALLY AFTER PURCHASE

TECH STACK

Backend	Frontend	Database	Integration
Node.js	React.js	MySQL	REST API

See VMS running at your facility

Book a live walkthrough with the Unitglo team and see how VMS handles QR check-in, host approvals, gate security and reporting for your facilities. Here is what to expect:

1. Live demo: QR registration, host approval, security terminal and dashboard

2. A pilot on your first facility with your own gates and operating hours

3. Import of your employees and go-live

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