



Advanced Software Architecture
for Controlled Environments
and Process-Dependent Industries



omtat
TECHNOLOGIES PVT.LTD.

ABOUT THE COMPANY

OMTAT Technologies is a specialized software engineering organization that develops operational control systems for industries requiring structured workflows, verified movement data, documented approvals, and strong compliance alignment.

Our platforms combine gate security automation, visitor governance, workforce documentation, and controlled document lifecycles within a single operational ecosystem.

The company focuses on building systems that support high-volume environments with frequent personnel transitions, material shifts, task variations, and multi-document dependencies.

OMTAT's engineering philosophy is centered on accuracy, audit readiness, user accountability, and data integrity.

Every module is designed through a combination of field observation, industry standards, and software architecture principles suited for MSMEs and large facilities.



VISION

To deliver software tools that merge access control, compliance tracking, and operational efficiency into a single, scalable industrial solution.



MISSION

To become the preferred gate and compliance software provider for MSMEs across India and beyond, recognized for technical robustness, industry understanding, and measurable cost



「WHY WE EXIST」

Industrial and institutional facilities
handle substantial daily interactions.

Visitors, vendors, employees, vehicles, tools, consumables and
documentation circulate through multiple touchpoints.

When these cycles depend on manual registers, verbal approvals and paper-based control, organisations face gaps such as:

- Unverified movement logs
- Delayed operational decisions
- Untracked document versions
- Compliance inconsistencies
- High probability of record corruption
- Process deviations caused by manual intervention
- Limited visibility into task closure cycles
- Inefficient utilisation of manpower

These gaps create operational friction, extended audit effort and restrictions on decision-making accuracy.

OMTAT is here to shift these environments toward structured digital control. Our systems stabilise operations by creating authenticated entry points, secured documentation frameworks, timestamped actions, monitored workflows and a single-source data environment.

The result is a facility where processes run with higher cohesion, accountability and technical discipline.





LEADERSHIP

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Shripada Patil brings a strong foundation in operations, technology implementation and process engineering.

Her experience spans organisational workflow analysis, control mechanism design and structured deployment of enterprise systems. She has led multiple transformation programs focused on establishing digital traceability, compliance alignment and operational stability in manufacturing and service sectors.

Ms. Shripada plays a central role in system architecture decisions, client deployment roadmaps and long-term platform vision.

Shripada Patil, Co-Founder and CEO

Shrichi Palsikar specialises in technical product design, enterprise documentation mechanisms, and IMS-oriented system frameworks.

She has extensive experience in designing digital environments for ISO-compliant organisations, ensuring that every module aligns with requirements related to documentation, traceability and controlled access.

Her expertise in process mapping, risk identification and workflow integration drives the engineering of OMTAT's interconnected modules.



Together, both leaders direct OMTAT with an engineering-driven approach, ensuring the platforms offer technical depth, consistency of data and strong operational control.

Shrichi Palsikar, Co-Founder and CEO



GSM OVERVIEW

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The GSM platform integrates access control, visitor management, material authentication, workforce documentation and audit-ready record systems within one operational interface.

It centralises all movement and document-related information, enabling facilities to monitor each event with verified timestamps and controlled data submission.

GSM functions as the backbone for organisations seeking secured points of entry, high-accuracy logging, compliant document handling and consolidated monitoring.

It replaces separate registers, spreadsheets and unverified checkpoints with a structured, interconnected environment.

KEY PRODUCTS

1. Gate & Visitor Management System

Unified Control for Personnel, Vehicles, and Visitors

A single module that governs all entry cycles with verified, timestamped, and trackable movement.

Core Functions:

- Multi-level verification
- QR/code identity mapping
- Live capture of personnel, vehicle, and visitor details
- Real-time supervisor approvals
- Automated gate-pass lifecycle
- Timestamped entry–exit logs
- Live tracking and gate-cycle analytics
- Role-based access
- Real-time entry images

Visitor Add-ons:

- Pre-arrival credentials
- Digital self-registration
- Encoded visitor badges
- Host alerts
- Overstay monitoring
- Auto-block for restricted entries

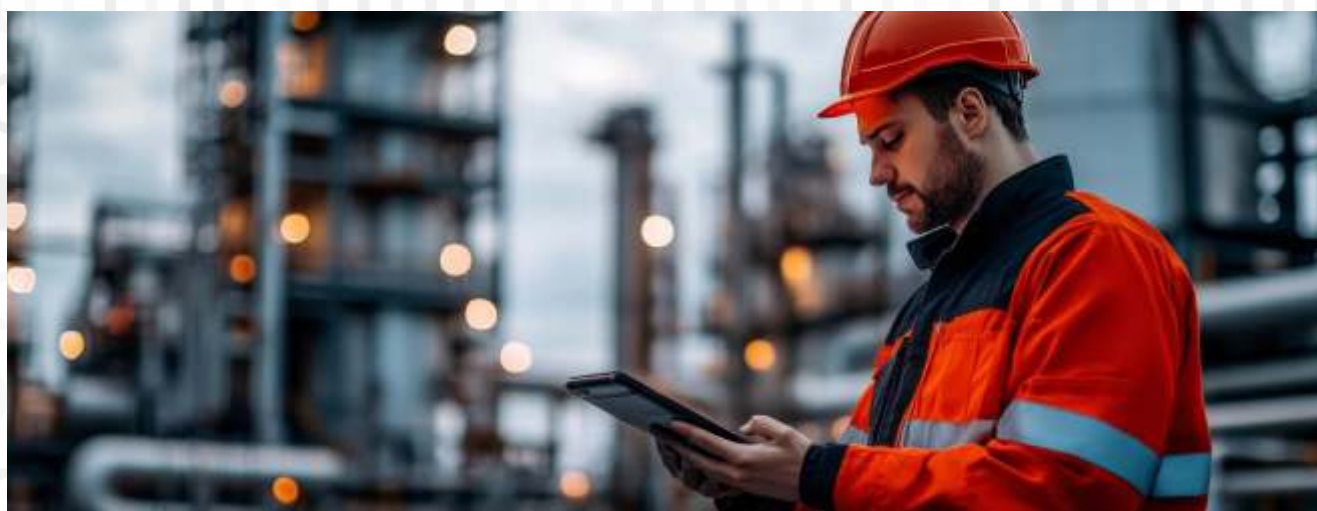
2. Task Manager

Proof-Based Task Closure

Drives accountable operations through:

- Rule-based task groups
- Timestamped assignments
- Image/document proof
- Escalation logic
- Supervisor dashboards
- Full task history (JD-based)

The supervisor can verify (maker-checker)



3. IMS-Ready HR Module

Structured, Audit-Aligned Employee Documentation

A documentation-driven HR environment built for IMS and ISO-linked facilities.

Core Functions:

- Skill matrix
- Competency matrix
- Training-need identification
- System-based examinations
- Assessment records
- Auto-generated TNI
- Role and responsibility mapping
- Customisable module architecture

A stable documentation base designed for inspection-heavy operations.

4. Document Management System (DMS)

Controlled Documentation Engine for High-Discipline Facilities

Core Functions:

- Auto document numbering
- Multi-stage revision and approvals
- Role-based access control
- Version comparison
- Controlled archival
- Review and validity alerts
- Minutes Module: Structured meeting records with action points, versioned updates and searchable logs.

Ideal For:

Manufacturing units, hospitals, supermarkets, libraries, residential societies and ISO-driven facilities



OUR ARCHITECTURE

OMTAT platforms function on an adaptable, layered architecture built to support several departments, multiple locations and consistently active operational environments.

ARCHITECTURE ATTRIBUTES:

- API-ready integrations
- Encrypted communication protocol
- Load-balanced infrastructure
- Optional on-premise deployment
- Structured database schema for fast retrieval
- Multi-tier authentication layers
- Automated backup schedules

DATA PROTECTION

OMTAT platforms integrate security measures across every layer of the system to preserve confidentiality and maintain data integrity.

PROTECTION MECHANISMS:

- Encrypted data transit and storage
- IP-restricted access options
- Role-based permissions
- Tamper-resistant logs
- Periodic data snapshots
- User authentication protocols
- Detailed event tracking for investigations

This ensures that operational data remains safeguarded and traceable for audits or incident reviews.





「 COMPLIANCE 」

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OMTAT solutions support organisations following quality, safety and environmental management practices.

MODULES ALIGN WITH REQUIREMENTS ASSOCIATED WITH:

- ISO 9001 Quality Management
- ISO 14001 Environmental Management
- ISO 45001 Occupational Health and Safety
- Integrated Management Systems
- Documented Information Controls
- Gate and facility access guidelines
- Traceable movement and record governance

The platform strengthens audit readiness through structured documentation, consistent record logs and controlled data flows.

VALUE PROPOSITION

OMTAT delivers operational advantages that help facilities stabilise and standardise internal management:

- Reduction in manual entries and duplication
- Stronger accountability across departments
- Real-time movement visibility
- Digitised proof trails for every action
- Faster audit cycles with immediate data availability
- Controlled access to sensitive documentation
- Improved utilisation of workforce time
- Capability to expand across numerous organizational units

The platform supports organizations in maintaining structured, high-integrity operations bolstered by technical control.





LEADERSHIP MESSAGE

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"OMTAT Technologies was established with a focus on engineering platforms that support operational discipline across facilities.

Our systems are designed to provide organisations with dependable structures, authenticated processes and high-integrity documentation.

We continue to advance our solutions with a commitment to strong data governance, user accountability and long-term scalability."

— Shripada Patil, Co-Founder and CEO

Strengthening Gate Control,
Documentation And Compliance
Through Engineering-led Software

Explore OMTAT's operational systems and discover how digital control enhances security, documentation and compliance.



Visit us: 11 Bankers Society, Near Upasana circle,
Wadhwan, Surendranagar, Gujarat, India - 363030.
Call: 9373429414 / 8286822752
Email: info@omtat.com | www.omtat.com



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