

Smart Real-Time Indoor Workforce Tracking: Enhancing Productivity & Control for Enterprises

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Managing people inside large factories, offices, and warehouses has always been a challenge for Indian businesses. Attendance registers and manual checks are no longer enough for today's fast-growing companies. To solve this, Amar Infotech has introduced Smart Real-Time Indoor Workforce Tracking, a modern system that gives supervisors and managers live visibility of their teams inside company premises.

This solution is built for India's factories, corporate offices, warehouses, and industrial plants, where efficiency and accountability are critical. Using simple, affordable technologies like BLE beacons, RFID tags, and IoT-based dashboards, businesses can now track where their workforce is, how movement happens across shifts, and whether resources are being used effectively.

Why Workforce Tracking is Needed

Indian industries are scaling fast, but supervisors often struggle to monitor hundreds or even thousands of workers across multiple sites. This is where an indoor workforce tracking system or a factory workforce tracking solution becomes useful. It provides real-time worker location tracking and creates clear records of attendance and movement.



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Amar Infotech's Real-Time Indoor Workforce Tracking has transformed our factory operations and improved productivity.'

— Operations Head, Shankar Masala (India)

 **AMAR INFOTECH**

For manufacturing units, shop floor worker movement tracking helps in reducing downtime. In IT and service companies, smart office indoor workforce analytics provides insights into how employees use time and space. For supervisors, a workforce tracking dashboard brings all this data together in one place, making management simpler and smarter.

Simple Technology with Big Impact

The system combines different tracking options:

- BLE Beacon Employee Tracking – cost-effective and easy to deploy.□
- RFID Workforce Tracking in Factories – widely used in Indian plants for movement and shift tracking.□
- UWB Worker Tracking Solutions – for high-accuracy requirements.□
- IoT Workforce Movement Tracking Platforms – connecting all devices and data into one platform.□

These technologies support Indian businesses in achieving Industry 4.0 standards while staying aligned with the Digital India vision.

Real Example in India

Amar Infotech recently worked with Shankar Masala in Gujarat to install a BLE-based workforce tracking solution.

Case Study: BLE Proximity Tracking for Real-Time Supervisor Monitoring – [Read here](#)

This project helped supervisors know in real time where workers were inside the plant. It improved attendance accuracy, boosted accountability, and allowed managers to make faster decisions. This case study shows how Indian companies, big or small, can benefit from such solutions.

Customer Testimonial

“Before implementing the Real-Time Indoor Workforce Tracking System from Amar Infotech, our supervisors struggled to keep up with attendance checks and monitoring across multiple factory floors. Now, with live dashboards and BLE-based tracking, we can instantly see where our workers are, manage shifts better, and cut down on lost time. It has transformed how we run daily operations.” □ — Operations Head, Shankar Masala (India)

Helping Supervisors and Businesses

For Indian supervisors, a real-time workforce visibility tool makes daily operations much easier. Instead of relying on manual lists or delayed reports, they can now see worker presence and movement live on a dashboard. This improves shift planning, productivity tracking, and even compliance with Indian labor requirements.

Amar Infotech's Role

Amar Infotech, based in Ahmedabad, has been working with smart workforce and tracking solutions for years. The company focuses on building real-time indoor workforce tracking platforms that are practical, scalable, and designed for Indian conditions.

More details on Amar Infotech's solutions can be found at www.amarinfotech.com.

Conclusion

The future of workforce management in India is real-time, data-driven, and connected. A real-time indoor workforce tracking system allows companies to improve productivity, manage workers efficiently, and prepare for global competition.

From factories in Gujarat and Maharashtra to IT hubs in Bengaluru and Hyderabad, Indian enterprises are adopting these solutions to stay ahead. With proven deployments like Shankar Masala and Amar Infotech's focus on IoT, BLE, RFID, and AI-driven analytics, businesses now have the tools to manage their workforce smarter.

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