



GUIDE · MAN

The Workforce Safety Visibility Guide

How to evaluate indoor tracking technology for emergency response, compliance, and everyday supervision.

IIOT INFOTECH · RELATED SOLUTION: IPROXIMITY SENSE — MANPOWER TRACKING

How to think about this decision

Four questions to work through before evaluating any vendor — including us.

1. Start with the emergency scenario, not the everyday one

The clearest way to evaluate an indoor tracking platform is to ask: "if we had to evacuate right now, how long until we have a confirmed headcount, and how do we know who's still inside?" Most sites discover their honest answer is 20-30 minutes of paper roll-call.

2. BLE alone or LoRaWAN alone won't get you full coverage

BLE gives excellent room-level precision but limited range; LoRaWAN gives building-wide range but coarser precision. Evaluating a single-technology solution against a large or multi-building site will almost always reveal coverage gaps.

3. Soft vs. hard geofencing: design for escalation, not just detection

A geofencing system that only logs a violation after the fact doesn't prevent anything. Soft zones (warn, log, allow entry) suit lower-risk monitoring; hard zones (physically restrict, escalate immediately) suit genuinely hazardous areas — getting that classification right, zone by zone, is most of the implementation work.

4. What to pilot first

A single high-risk zone (a hazardous area, a restricted lab, a confined space) with hard geofencing and SOS is the fastest way to prove value before expanding to full-site, everyday workforce analytics.

WHERE IIIOT FITS

If you decide to move forward

iProximity Sense is built around the framework above, not around a generic feature list.

Real-Time Floor Map Tracking

Every employee appears as a live dot on a digital floor plan; hover to see name, designation, department, battery status and last-seen time.

Dual-Technology Coverage

BLE for room-level precision plus LoRaWAN for building-wide coverage — 100% zone coverage without gaps.

Soft & Hard Geofencing

Soft zones warn and log (entry allowed but flagged); hard zones physically restrict and immediately escalate — configurable by role and designation.

100%	1,400+	4 Week	4 min
ZONE COVERAGE	WORKER CAPACITY PER SITE	GO-LIVE TIMELINE	EMERGENCY MUSTER TIME

support@iiiot-infotech.com | www.iiiot-infotech.com

+91 124 403 2289 | +91-8800183840 | +91 99714 48680

7th Floor, Space Boulevard, 710-712, Badshahpur Sohna Rd, Malibu Towne, Sector 47, Gurugram, Haryana 122018, India