ROOM ALERT MAX

Site Readiness Checklist.

Ten minutes now saves a site visit later. Work through each section with your facilities or IT contact, attach a floor plan, and send it to your Room Alert representative. The completed checklist feeds directly into the MAX Site Planning & Deployment Service.

Company _____

Site name _____

Address _____

Contact _____

Email / Phone _____

Date _____

1 Floor plan & building geometry

Why: *distance and layout drive coverage more than anything else.*

- ☐ Floor plan / site plan attached, with approximate scale or dimensions
- ☐ Approximate total area (sq. ft.) _____
- ☐ Building shape: open floor, corridor-and-rooms, L-shape, multi-wing (circle)
- ☐ Number of floors or zones to be covered _____
- ☐ Ceiling height (ft) _____
- ☐ Photos attached where the plan doesn't show obstructions clearly

2 Walls, materials & RF attenuators

Why: *brick, concrete and metal absorb or reflect 2.4 GHz signal.*

- ☐ Interior walls: drywall ☐ Y ☐ N
- ☐ Metal roof, metal walls or metal-clad partitions ☐ Y ☐ N
- ☐ Large metal obstructions: racks, appliances, machinery, cabinets, shelving ☐ Y ☐ N
- ☐ Walk-in coolers, freezers or shielded rooms to monitor ☐ Y ☐ N
- ☐ Interior walls: brick / cinder block / concrete ☐ Y ☐ N
- ☐ Glass partitions or large windows between areas ☐ Y ☐ N
- ☐ Areas with dense equipment or stacked inventory (mark on plan) ☐ Y ☐ N
- ☐ Inventory height changes over time (seasonal, stock levels) ☐ Y ☐ N

3 Wireless & environment

Why: *other 2.4 GHz traffic and heavy equipment reduce effective range.*

- ☐ Known high-density Wi-Fi in deployment areas ☐ Y ☐ N ☐ ?
- ☐ Industrial RF sources (welders, motors, RFID portals) ☐ Y ☐ N ☐ ?
- ☐ Existing wireless-network constraints or policies (describe) _____ ☐ Y ☐ N ☐ ?
- ☐ Bluetooth-heavy environment (scanners, beacons, wearables) ☐ Y ☐ N ☐ ?
- ☐ Heavy moving equipment (forklifts, cranes, conveyors) ☐ Y ☐ N ☐ ?
- ☐ Temperature extremes or condensing areas (note: MAX devices are not for use inside refrigerators/freezers) ☐ Y ☐ N ☐ ?

4 Network & power

Why: *The Base needs Ethernet + power; Wired Sensor Adapters need an outlet too.*

- ☐ Ethernet available at proposed Base location(s) ☐ Y ☐ N
- ☐ AC power / USB-C available if PoE is not ☐ Y ☐ N
- ☐ Network security requirements (WPA2/WPA3-Personal, WPA-Enterprise, static IP, VLAN) _____
- ☐ Electrical outlets near any location that needs door, flood, power or airflow sensing (these use a powered Wired Sensor Adapter) ☐ Y ☐ N
- ☐ PoE (802.3af) available on those ports ☐ Y ☐ N
- ☐ Wi-Fi backhaul acceptable as fallback (2.4 or 5 GHz) ☐ Y ☐ N
- ☐ Proposed or available Base Station mounting locations marked on plan (central, elevated)
- ☐ Sensor locations away from busy walkways (people in the signal path reduce range) ☐ Y ☐ N

5 Monitoring locations

Why: *What you monitor and where determines sensor count and Base zoning.*

List every location where conditions need to be monitored. Number each one on the floor plan to match. Coverage-critical means an alert here protects high-value assets, compliance or safety.

#	LOCATION / ROOM NAME	WHAT TO MONITOR	APPROX. DISTANCE TO NEAREST BASE (FT)	COVERAGE CRITICAL?	EXISTING WIRED ROOM ALERT SENSOR?
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

Monitor options: temperature · humidity · flood/water · power · door/access · smoke · airflow · dry contact (HVAC, generator, pump). Wired Room Alert sensors connect to MAX via the Wired Sensor Adapter. Need more rows? Attach a second sheet.

6 Deployment scope & timing

Why: *brick, concrete and metal absorb or reflect 2.4 GHz signal.*

- ☐ Number of sites in this rollout _____
- ☐ Who installs: ☐ IT ☐ Facilities ☐ Integrator
- ☐ Existing RoomAlert.com account ☐ Y ☐ N
- ☐ What you most want to prevent (e.g., frozen pipes, doors left open, cooler failure) ☐ Y ☐ N _____
- ☐ Target install date _____
- ☐ Existing Room Alert PRO devices on site (hybrid deployment) ☐ Y ☐ N
- ☐ Compliance or reporting requirements (e.g., pharmacy, food safety, data center) _____
- ☐ Inventory height changes over time (seasonal, stock levels) ☐ Y ☐ N

7 Notes & attachments

Why: *brick, concrete and metal absorb or reflect 2.4 GHz signal.*

_____

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_____

_____

_____

Floor plan attached

Site photos attached

NEXT STEP

Send this checklist and your floor plan to your Room Alert representative or Sales@RoomAlert.com.

Our engineers will return a recommended Base Station and sensor layout with coverage confidence by area — the MAX Site Planning & Deployment Service.

Request Site Planning

Coverage estimates are based on distance, layout and physical obstructions and do not represent all real-world RF interference in the 2.4 GHz environment. Expected indoor sensor-to-Base range is approximately 10–30 m (30–100 ft) depending on environment; sensors need better than −85 dBm for a reliable link. Actual range should be validated on-site before final mounting.