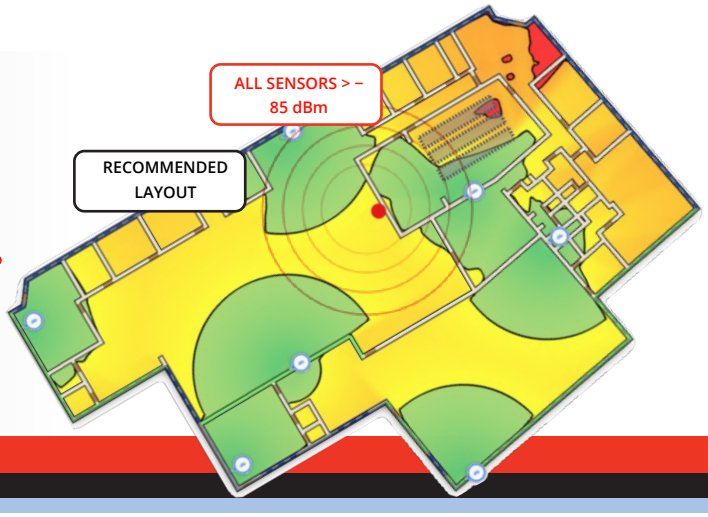
Room Alert
We've got this.

MAX SITE PLANNING & DEPLOYMENT SERVICE

Send us your floor plan.
We'll map your deployment.

Planning a larger Room Alert MAX deployment? Our engineers map recommended Base Station and sensor placement to your space, walls, obstructions and coverage needs, so you deploy with confidence without becoming a wireless-network expert.



HOW IT WORKS

Three inputs. One clear answer.

1 You provide

- Scaled floor plan with scaling factor or a key dimension
- Desired monitoring locations and what each will measure
- Major obstructions and wall materials
- Known wireless or environmental constraints

2 AVTECH evaluates

- How many Base Stations you need, and where
- Wall and material attenuation
- Signal-loss modeling across the layout
- Where a Wired Sensor Adapter extends reach around obstructions — and where it will need power

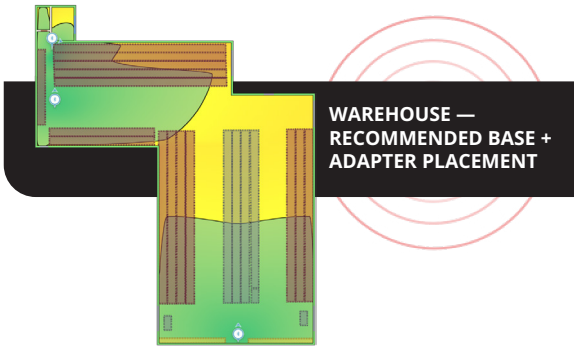
3 You receive

- A simple recommended layout: Base Station location(s) and sensor placement
- Predicted signal strength at every sensor location, against the −85 dBm reliability threshold
- Any areas that may require adjustment or on-site validation
- A bill of materials ready to quote

WHAT PLANNING CATCHES

A real example: 8,125 sq ft appliance warehouse.

Cinder block, metal roof, appliances stacked to 3 m. A first-pass Base location looked fine — until modeling showed the office sensor shadowed by the stacks. The recommended layout added a Wired Sensor Adapter at the ceiling outside the office, and flagged that the building had few outlets to power it. Problems found on a floor plan, not on install day.



Planning model note. A line-of-sight model with material attenuation; it does not predict metal reflections or other 2.4 GHz interference. Always validate each location before final mounting.

WHO SHOULD USE IT

Multi-site enterprises
Standardizing a kit and placement rules across 10, 50 or 100+ locations.

Warehouses & industrial
Dense inventory, racking, machinery and metal construction.

Campuses & manufacturing
Multiple floors, wings or high bays — a 14,000 sq ft plant with 8–25 ft ceilings modeled on one Base.

Integrators & MSPs
Scoping MAX for a client and needing a defensible, quotable layout.

GET STARTED

1. Complete the **MAX Site Readiness Checklist** (2 pages, 10 minutes).
2. Send it with your floor plan to your Room Alert representative or **Sales@RoomAlert.com**
3. Receive your recommended layout and quote or join a live screen-share and we build it with you in real time. **Turnaround time:** 3 business days

Complimentary MAX Site Planning Review. We'll help validate placement and recommend a MAX configuration ready to quote.

RoomAlert.com · (401) 628-1600
Sales@RoomAlert.com

We've got this.