Hamina

10 MISTAKES
TO AVOID BEFORE YOUR NEXT WI-FI DEPLOYMENT

1

Designing from floor plans alone

Floor plans are a starting point, but not reality. Materials, furniture, and people all change how RF behaves. For maximum design accuracy, use real-world survey data as the source of truth for attenuation. Hamina does this automatically.

2

Overlooking how the space is used

That “conference room” might actually be 25 people on Zoom all day. Usage drives density, and density should drive your design, not the label on the floor plan.

3

Assuming coverage = performance

A room showing four bars can still have 40 devices fighting for airtime on the same AP. Signal strength tells you nothing about capacity. If you’re not designing for the number of clients, not just coverage, you’re going to hit a wall fast.

4

Underestimating impact of materials

Concrete, glass, metal, they all impact signal differently. And modern energy-efficient glass? It can block signal as effectively as a concrete wall. Most people don’t see that coming. Treating every wall the same is how you end up with dead zones you can’t explain.

5

Skipping validation

Design tools are great, but they’re still based on assumptions. The difference between a good network and a great one is actually validating it against the real environment.

6

Overlooking roaming

Devices move. If your APs are too loud, clients will hang onto the wrong one way too long and performance drops. Roaming should be intentional, not accidental.

7

Designing only for today

Spaces evolve. People move things around. Teams grow. A good design isn’t just for today, it should still work when things inevitably change.

8

Thinking more APs means better Wi-Fi

It’s tempting to just add more APs, but that can create interference and make things worse. Placement and tuning matter more than quantity.

9

Not testing in the real environment

The only way to know how your network actually performs is to measure it. What looks good on paper doesn’t always hold up in the real world.

10

Waiting until people complain

If leadership is telling you the Wi-Fi is bad, it's already been bad for a while. Proactive validation saves you from constant firefighting later

Designing Wi-Fi that actually works.

Ready to design and deploy better Wi-Fi? Get a full 7-day Hamina trial 👉 hamina.com/better-wifi