

Why waste time on Wi-Fi design?

20 Wi-Fi professionals were asked for
their opinion on Wi-Fi design and validation.

This is what they responded.

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Site survey and design before you deploy,
or pay big money and fix later.

There is no such thing as “RF Magic”.

David Coleman

Co-Author, CWNA Study Guide. Global Training Manager, Aerohive



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Trusting a “self-configuring Wi-Fi network” to do it all
is shooting yourself in the foot.

Joeri De Winter

Wireless LAN Consultant, Skyline Networks



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If you don't spend the time to plan a proper WLAN design now,
you'll spend more time fixing it later.

Don't take the route of instant gratification.

Instead, establish a long-term plan that will pay off in the long run.

Joel Crane

Human Interface, Metageek



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80% of the Wi-Fi problems I identify stem from a bad wireless design.
They could've been avoided with a proper site survey & spectrum analysis

Peter Mackenzie
Head of Technical Operations, MarQuest



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I often hear “my wireless works fine, without a survey”.

Then they go and work it a bit harder –
voice, video, high density – and then suddenly
the network just dies!

Phil Morgan
CTO, NetCertExperts



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A site survey is worth
a thousand support calls

Andrew von Nagy
Director, AirTight Networks



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Without careful planning for voice and on-location site surveys,
channel overlap and roaming problems will result in
poor voice quality and dropped calls.

Martin Ericson
International Trainer, Ascom Wireless



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Always design the network as if you will
take the support calls personally

Darrell Derosia
Wi-Fi Architect



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When stuck in troubleshooting, get up and take a walk.
Better yet, walk a validation site survey while deploying,
and don't troubleshoot at all.

Gregor Vucajnk

Knowledge Services, International at Aerohive Networks



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Designing to a budget is designing to a
WLAN failure.

Keith Parsons

Wi-Fi consultant and trainer, industry innovator



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If you deploy an enterprise WLAN without performing RF site surveys, make sure you get a high-quality service contract from the beginning.

Devin Akin

Co-Founder, CWNP, Chief Evangelist, AirTight Networks



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Anyone can install a Wi-Fi network.
Installing one that not only works but can
deliver valuable functionality to your business
requires skill, and planning.

Ellie Hagopian

CEO / Skyrove, Deputy Chair / WAPA



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We've made an entire business line out of fixing poorly designed WLANs. It's called CWAP.

Brad Crump
CEO, CWNP



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If you are relying on Wi-Fi for production or to increase productivity,
I'd always recommend performing a site survey
as cutting corners would ultimately result in
poor coverage, user experience, and, defiantly, a false economy.

Martyn Cooper
Wireless RF Consultant



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Know your client base, and know it may change tomorrow.
Your design can't.

Lee Badman

Wireless Network Architect, Syracuse University



“ Make the key decisions while you still have the power the change things.

How do you know what you need to change?

By proper planning and surveying first.

Neil Macdonald

WLAN Consultant and Trainer, Macdonald WiTS Ltd.



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“If you fail to plan, you plan to fail.”

Nowhere is that as true as with designing and deploying Wi-Fi networks

Karl Schmidt
Sr. Network Engineer, NEC



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You wouldn't start constructing a building
without blue prints.

Justin Cetko

WLAN Consultant, Skyline Networks



“ From the perspective of a person
who does WLAN troubleshooting tools for a living,
I can tell you that proper design and routinely performed site surveys
will save you money.

Jay Botelho
Director, Product Management, WildPackets



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An hour saved in Wi-Fi design is a day
wasted in troubleshooting

Jussi Kiviniemi

Vice President, Wi-Fi Tools, Ekahau



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Our technical support team demands me to teach one thing to our customers:

Proper site survey and spectrum analysis.

Many problems come from improper site surveys, or complete lack of it.

Metka Dragos

Senior Technical Trainer, Aerohive Networks



“ A site survey is the
most important step in implementing
any wireless network

Certified Wireless Network Professionals

CWNP



“ Wireless infrastructure planning becomes more critical because of increased demands from each user.

- Gartner Group

