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Upgrading to 6 GHz Needs a Full Redesign

By **Keith Parsons, CWNE #3** · 2026-01-19 · originally on LinkedIn

I think the issues surrounding upgrading to 6GHz is that you SHOULD do a full redesign specifically for the 6GHz. Too many places, especially schools, and hospitals continue to 'reuse' existing cable drops and do merely a 'rip-and-replace' thinking they are getting an upgrade. But since their requirements have changed since the first installation (And maybe that first 'design' never met any requirements other than a GREEN heat map...) Moving to 6GHz NEEDS a re-engineered solution.

Not to mention Tx power on 2.4GHz, 5GHz, and 6GHz should all be widely different. In fact, we normally turn OFF 1/2 to 2/3 of all 2.4GHz radios in the upgrade process.

If you are in the 'rip-and-replace' mentality... you will NOT see much benefit of adding 6GHz-capable access points!

By Keith Parsons, CWNE #3, Wireless LAN Professionals. Free to read and share. Facts