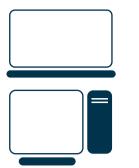
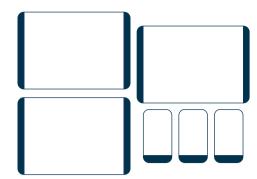
5 Steps to Kiler Wi-Fi Network

By 2016

10,900,000,000 GB

of mobile data will be downloaded every month (that's 10.9 quintillion bytes!)





Number of mobile devices in the enterprise will be 3 times greater than the number of laptops & desktops

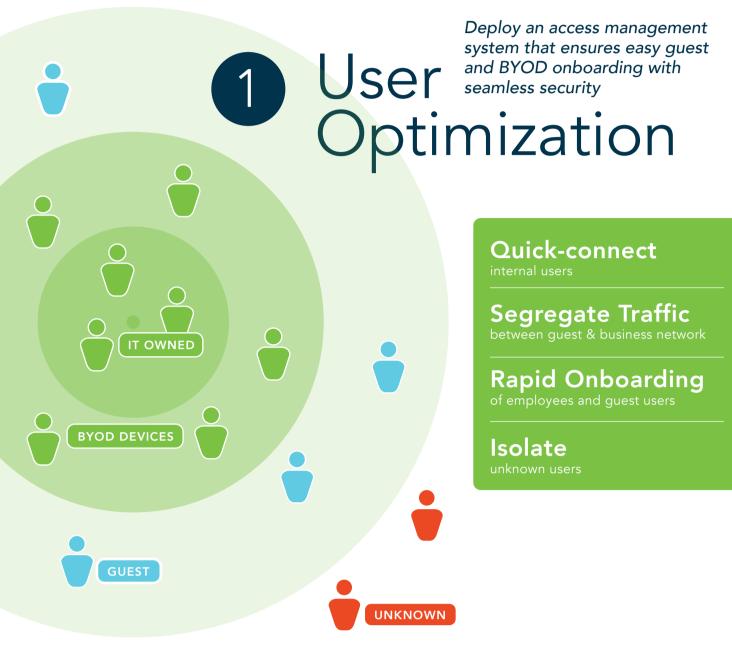
VS



By 2015, Wi-Fi data consumption will surpass wired data

How will your network handle this







Enable effective control of applications to ensure predictable performance when the network is under heavy load



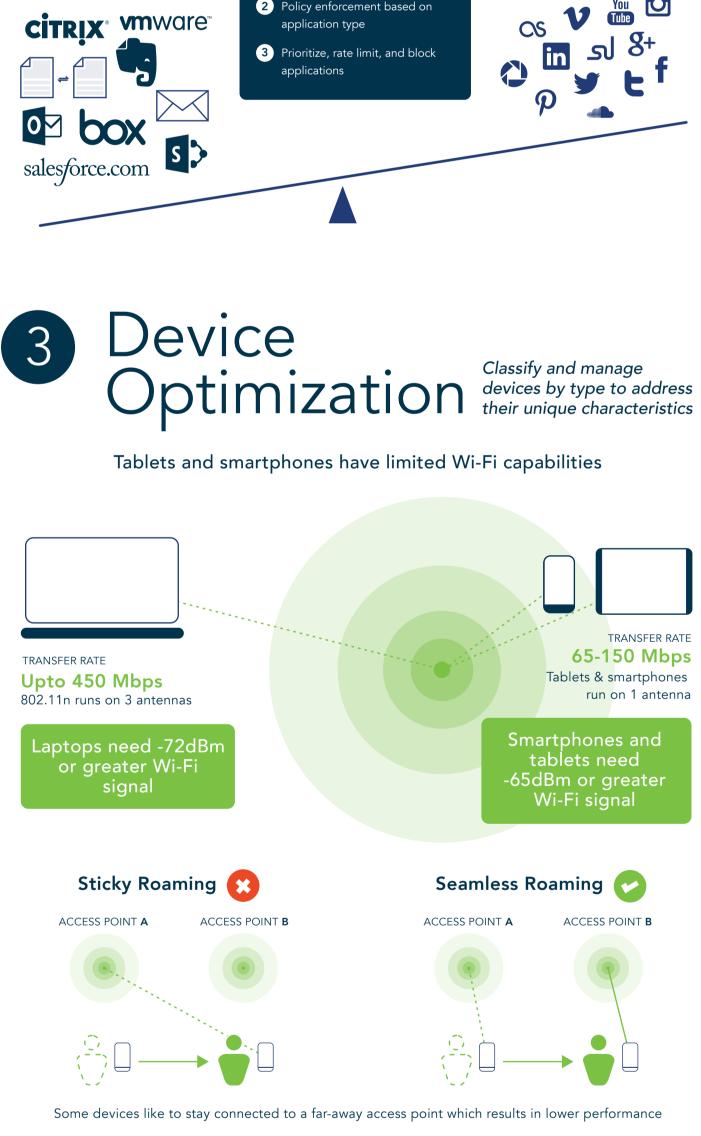


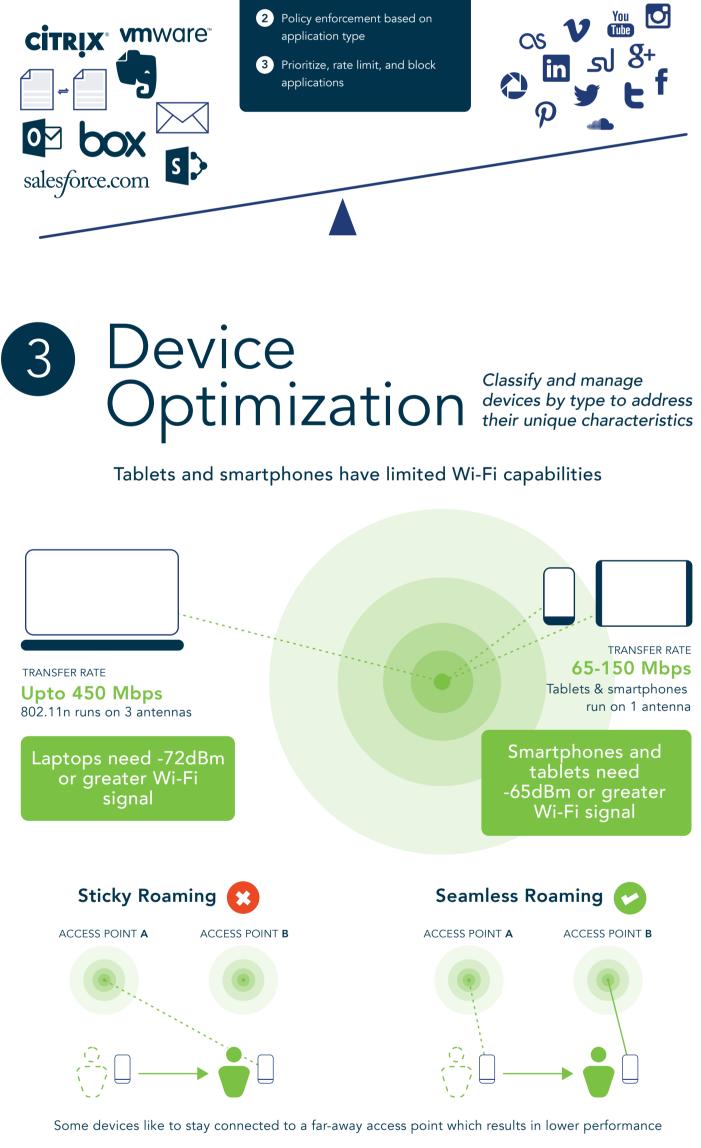


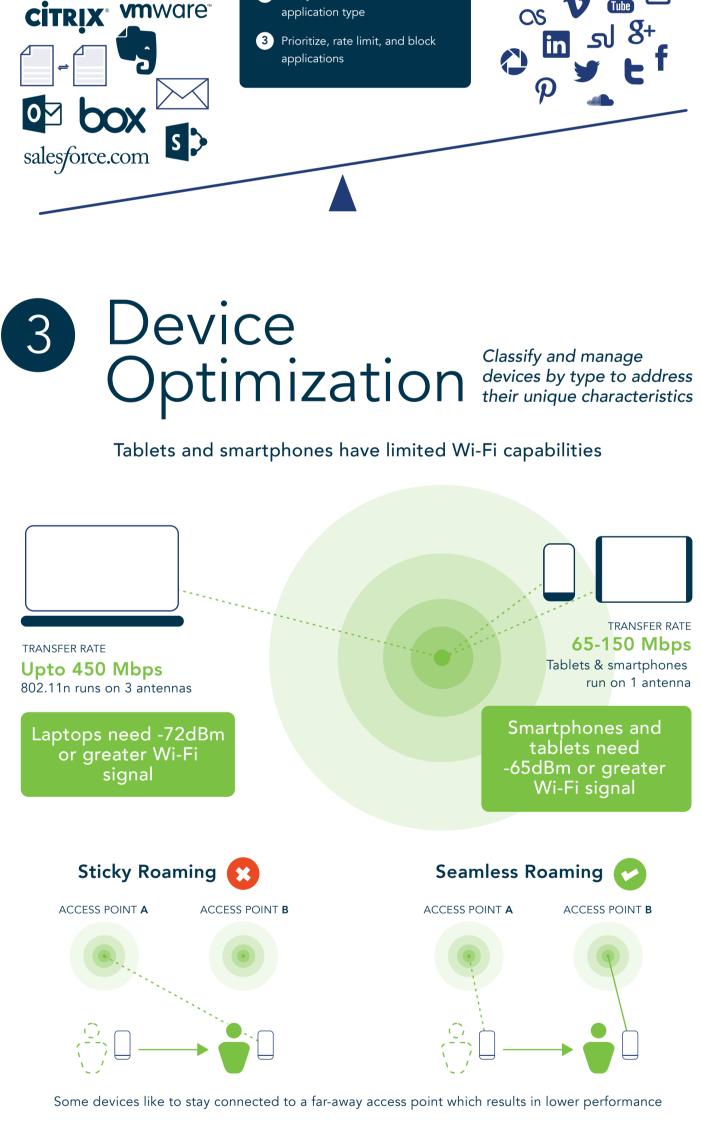


3 STEPS TO OPTIMIZE APPLICATION PERFORMANCE









The Wi-Fi network should account for device type when managing roaming and proactively roam sticky clients.



Spectrum Optimization Maximize the usage of limited RF spectrum available to Wi-Fi

There are two Wi-Fi bands available

2.4 GHz



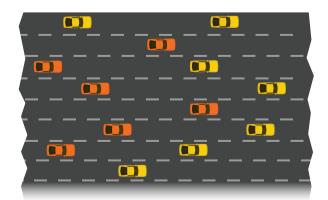
Supports only 3 non-overlapping (usable) channels **Basic Performance**



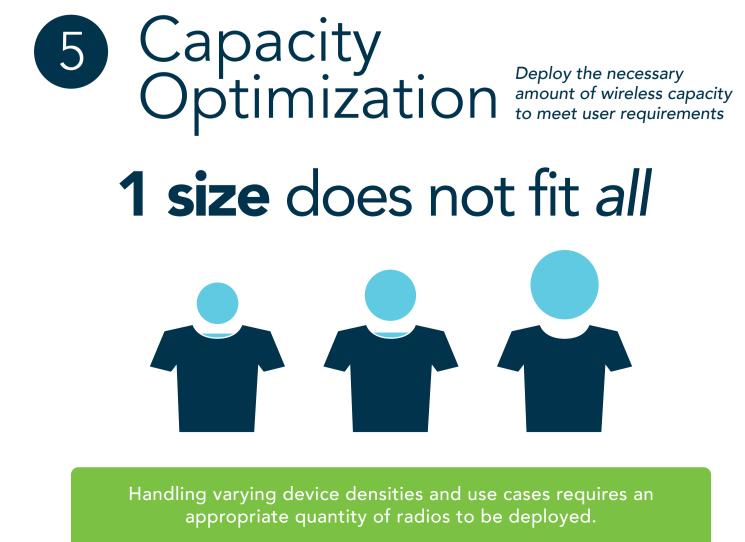
A 2.4 GHz network is like a 3-lane freeway

Due to higher throughput and emerging technologies like 802.11ac, the wireless network should move clients to the 5GHz band whenever possible

Supports up to 21 (usable) channels **Best performance**



A 5 GHz network is like a 21-lane freeway



of radios = (# of devices * Avg. bandwidth per device) / Avg. bandwidth per radio

