

SmartNetwork

- Cutting edge WiFi Analysis tool
- Easy solution for wifi connectivity issues

Where Will This Go?

- Every technician and user at home using Smart/RG routers
- Reduce time technician is in the house
- As easy as 2 clicks to debug a household's WiFi issues.

What's next?

- Self-identifying optimal router location
- Automatic suggestion for network extenders
- Scale and improve Heatmap algorithm with more network metrics

Heat Map Algorithm

- Combination of network statistics
- Upstream & downstream Mbits/s, RSSI, retries, retransmits
- Shades each test point based on data collected

How It Works



Problem



Where in a house is the WiFi strong or weak and how can someone make it better?

Home User Problem



Vince, the home user, doesn't know exactly where the WiFi is bad and doesn't how to fix it.

Technician Problem



Matthew, the technician, has to manually test WiFi connectivity throughout the house to find a solution.

Why?

- Walls and physical barriers can block WiFi signals
- Other signals can cause interference

Home User Solution

The speed test allows Vince to know his WiFi speed at his current location



Solution

- WiFi speed test
- Heatmap representation of residential WiFi connectivity



Technician Solution

Matthew can create new heatmaps and remotely view created heatmaps for any household.



Technician Solution

Heatmaps allow Matthew to easily diagnose and find a solution to weak spots in the residence.



Sponsored By Smart/RG

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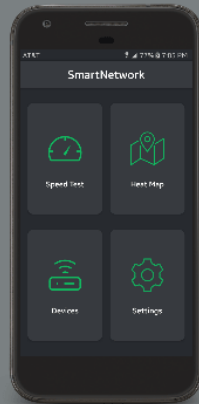
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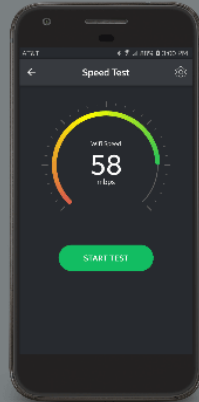
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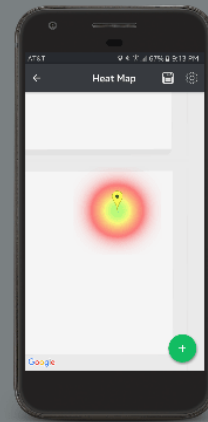
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