### Problem
- Setting up router in optimal location is hard
- If ISP technician sets it up poorly, they have to go back and reconfigure
- This costs a lot of money and time

### Solution
- Android app that aids technician in setting up router
- Generate heatmap using network statistics collected from SmartRG router
- Technician can use heatmap as well as other metrics to place router in optimal location

### Features
- **Speed Test**
  Discover the exact speed of the WiFi connection at a specific location
- **Heatmaps**
  Generate wifi heatmaps of network connectivity in residences
- **Video Stream Analyzer**
  Check the video quality at any location

### Design
- Android app that aids technician in setting up router
- Generate heatmap using network statistics collected from SmartRG router
- Technician can use heatmap as well as other metrics to place router in optimal location

Special Thanks: Tim Hayes, Brandon Wicka, Colin Whittaker, Chandra Krintz, Christopher Kruegel, Steve Bako, Chris Salls