

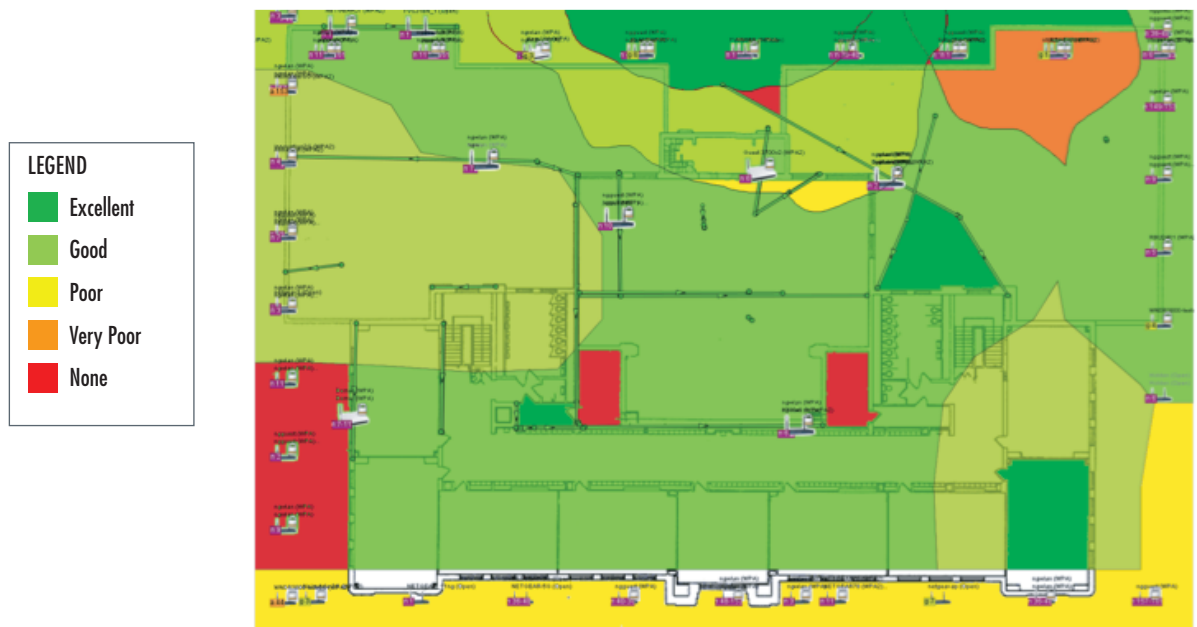
Smart IT companies depend on reliable, scalable and affordable solutions so that they can focus their full energy on the core business, not on solving IT issues. As a critical component of the wireless deployment, the NETGEAR® Professional Wireless Site Survey provides a comprehensive overview of the wireless networks which is necessary to best serve the users and their demanding applications.

By leveraging the latest wireless mapping technology, tools and techniques, NETGEAR is able to provide you with detailed information – such as Access Points (APs) and channel selection, transmit power levels and locations – which are required to deliver optimum performance.

### Professional Site Surveys Include the Following:

- Detect, measure and record the presence of interference from other radio frequency devices
- Measure or calculate the expected data rates in the deployed areas
- Recommend the location of access points, antennas and other wireless devices
- Check for wave reflection, hidden nodes, dead spots
- Support of industry standards IEEE 802.11a/b/g/n networks

**Figure 1: Sample Signal Strength Measurements of a Floor, at 2.4 GHz**



### Deliverables:

- Pre-survey questionnaire
- A detailed report containing:
  - The information gathered above
  - Radio frequency interference
  - Signal to noise ratio measurements
  - Channel interference
  - Photographs of the location of APs

The detailed report would also help you to assess whether the data rates are adequate for the intended applications and the number of anticipated users. This survey is also an invaluable tool in diagnosing problematic wireless networks by identifying hidden nodes, frequency interference, rogue APs and other wireless network hazards.

The service is structured such that the prices vary by the size of the site areas being surveyed. NETGEAR offers four different orderable part numbers to make the service affordable and easy to order. Additional price quotes are available if your requirement is above and beyond the areas listed in the following table:

**TABLE 1: Professional Wireless Site Survey Part Numbers Vary by Site Areas**

Part Number	Description	Price*
PRF0011-10000S	Professional Wireless Site Survey (Up to 3,000 m2 or 32,000 ft2)	Call For Quote
PRF0012-10000S	Professional Wireless Site Survey (Up to 7000 m2 or 75,000 ft2)	Call For Quote
PRF0013-10000S	Professional Wireless Site Survey (Up to 15,000 m2 or 160,000 ft2)	Call For Quote
PRF0014-10000S	Professional Wireless Site Survey (Up to 30,000 m2 or 320,000 ft2)	Call For Quote

\* Travel charges may apply for sites that are outside of the covered areas.

For more information or to schedule an appointment, please contact your local NETGEAR office.