**Active Tools**
Survey includes a suite of utilities to actively test the network and pinpoint problems, including a signal test tool to identify potential multipath interference, Ping, DHCP tools, and a library of wireless calculators.

**Broad Map Support**
AirMagnet Survey supports a broad set of map types including BMP, DWG, DIB, DXF, EMF, GIF, JPG, WMF.

**Integration with AirMagnet Planner**
AirMagnet’s predictive Planner product (sold separately) seamlessly integrates into AirMagnet Survey. AirMagnet Planner lets users design predictive models of their wireless networks based on building materials, indoor obstructions, antenna types, AP configurations and much more. With this integrated solution, users can accurately design their WLANs and then validate the results with real-world data, allowing users to further perfect their planning models over time.

**AirMagnet Survey PRO**
AirMagnet Survey PRO is a separate version of the Survey software containing all the functionality of the standard version plus an additional set of features tailored to the needs of the wireless expert. Additional features include:

- **Integration with AirMagnet**
  - Spectrum Analyzer
  Users who own the AirMagnet Spectrum Analyzer can collect both Wi-Fi and spectrum analysis data in a single survey. This lets users see the physical spectrum at any particular location, and even automatically identify and display the presence of non-802.11 devices that are interfering with the WLAN.

- **Professional Reporting**
  Survey PRO includes a completely integrated reporting module that can instantly create custom outputs of your site surveys and simulations. Reports include coverage and interference assessments of every channel, SSID, and AP. Reports can be output in over 15 formats including PDF, XML, HTML, Microsoft Excel and Microsoft Word.

- **Multi-Project Views**
  Survey PRO provides the ability to analyze up to 14 separate projects simultaneously. Users can load multiple floors of a single building to see if AP signals are bleeding to adjacent floors. Likewise, users can use this feature to quickly compare Planner results with actual Survey results.

**Product Facts**
- **AirMagnet Survey**
  - Product Number: A4010
- **AirMagnet Survey PRO**
  - Product Number: A4015
- **AirMagnet Planner**
  - Product Number: A4013
- **AirMagnet Spectrum Analyzer**
  - (optional)
  - Product Number: A4030
- **Product Number: A4030**
  - **Minimum System Requirements**:
    - Microsoft Windows 2000 or XP
    - Intel Pentium III (1.6 GHz) or Higher
    - 512 MB Memory
    - 3 GB Hard Disk Space
    - Supported Wireless Adapter
      - See http://www.airmagnet.com/products/cards.htm for details

- **Coverage Analysis**
  - View by Channel, SSID, or Device
  - Sort results

- **Professional Reporting**
  - Instantly see areas of over-provisioning or where clients are prone to consistent roaming or “thrashing” between APs.

- **Outdoor Surveys**
  - With the combination of GPS support, 4.9 GHz support and integration with Google Earth and Microsoft MapPoint, AirMagnet Survey PRO provides a clear path to fast, fully automated outdoor surveys. Users can leverage their NMEA compliant GPS device to automatically collect outdoor wireless data. The results can then be analyzed in the AirMagnet user interface or exported into Google Earth.

- **Real World Performance**
  - Unlike other solutions that rely only on passively collected data such as signal strength, AirMagnet also collects active survey data to ensure a superior site survey. During an active survey, AirMagnet actually associates to an AP to test the real quality of the connection. This allows surveyors to see exactly how real world clients will perform at specific locations in terms of connection speed, retry rates, and packet loss.

- **Unmatched Analysis**
  - After a survey, users can simulate a variety of changes to the network and preview the impacts. This includes changing AP Transmit Power, Channel, SSID, and even added environmental noise. Users can simulate moving APs to new locations and preview the effect of adding additional APs. Survey can also automatically recommend a channel plan for your APs that avoids interference and over-allocation.

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Integration with AirMagnet

Spectrum Analyzer
Users who own the AirMagnet Spectrum Analyzer can collect both Wi-Fi and spectrum analysis data in a single survey. This lets users see the physical spectrum at any particular location, and even automatically identify and display the presence of non-802.11 devices that are interfering with the WLAN.

Professional Reporting
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Multi-Project Views
Survey PRO provides the ability to analyze up to 14 separate projects simultaneously. Users can load multiple floors of a single building to see if AP signals are bleeding to adjacent floors. Likewise, users can use this feature to quickly compare Planner results with actual Survey results.

AirWISE® for Site Surveys
The AirWISE engine lets users set design requirements for their network and immediately identify any problem areas. Users can quickly test the network against a variety of criteria and get expert advice on how to resolve any problems.

Capacity Planning
AirWISE also includes a capacity planning section that allows surveyors to account for the number of end users the WLAN will need to support. With this tool users can easily verify that the network will have enough APs to meet the bandwidth and throughput needs of end users.

Outdoor Surveys
With the combination of GPS support, 2.4 GHz support and integration with Google Earth and Microsoft MapPoint, AirMagnet Survey PRO provides a clear path to fast, fully automated outdoor surveys. Users can leverage their NMEA compliant GPS device to automatically collect outdoor wireless data. The results can then be analyzed in the AirMagnet user interface or exported into Google Earth.

Product Facts

AirMagnet Survey
Product Number: A4010

AirMagnet Survey PRO
Product Number: A4015

AirMagnet Planner (optional)
Product Number: A4013

AirMagnet Spectrum Analyzer (optional)
Product Number: A4030

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- Supported Wireless Adapter (see http://www.airmagnet.com/products/cards.htm for details)

To order AirMagnet products, or for more information about the company, contact us at 408-400-0200 or http://www.airmagnet.com/company/contact_airmagnet.php?type=sales
AirMagnet, Inc.
1325 Chesapeake Terrace
Sunnyvale, CA 94089
www.AirMagnet.com

EMEA Headquarters
St Mary’s Court The Broadway
Amersham
Buckinghamshire, HP7 0UT
United Kingdom

Real World Performance
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Unmatched Analysis
AirMagnet Survey automatically displays survey results on a map of your location, providing unlimited options for visual analysis.


Interference Analysis - Measure the total cumulative interference from all sources that can impact the performance of your APs.