# AirMagnet® Survey Product Comparison

<table>
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<tr>
<th>Features</th>
<th>Survey Mobile</th>
<th>Basic Features in Express and PRO</th>
<th>What More Can You Do in PRO?</th>
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<tr>
<td><strong>Survey/WLAN Modeling Capabilities</strong></td>
<td>• Indoor site surveys on the 2.4 GHz and 5 GHz bands&lt;br&gt;• 11a/b/g/n/ac support&lt;br&gt;• Perform BYOD-readiness site survey</td>
<td>• Indoor site surveys on the 2.4 GHz, 5 GHz, and 6 GHz bands&lt;br&gt;• 11a/b/g/n/ac/ax support</td>
<td>• Simultaneous surveying capability (2 surveys at the same time)&lt;br&gt;• Outdoor, GPS surveys&lt;br&gt;• Surveying of 200+ non-standard channels&lt;br&gt;• Built-in Planner for WLAN modeling&lt;br&gt;• Includes Survey Mobile for collecting survey data on Android devices</td>
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<td><strong>Survey Data capture and Basic Analysis capability</strong></td>
<td>• Signal strength coverage heat map&lt;br&gt;• WLAN throughput heat map</td>
<td>• Signal strength coverage heat map&lt;br&gt;• Noise coverage heat map&lt;br&gt;• SNR coverage heat map&lt;br&gt;• Channel interference heat map&lt;br&gt;• PHY Data rates heat map&lt;br&gt;• Packet retry heat map&lt;br&gt;• Packet loss heat map&lt;br&gt;• Visualize coverage heat map for secondary and tertiary APs</td>
<td>• WLAN throughput heat map&lt;br&gt;• iPerf Surveys showing real-world uplink and downlink performance&lt;br&gt;• Display of 11ac and 11ax operating modes, MCS, 20/40/80/160 MHz bandwidth&lt;br&gt;• Channel width coverage maps (20/40/80/160 MHz) for development of optimal channel allocation planning&lt;br&gt;• 802.11ac/ax channel overlap</td>
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<td><strong>Advanced Survey Analysis</strong></td>
<td>• Not available</td>
<td>• Diff view to compare two different surveys&lt;br&gt;• Open single survey project at a time</td>
<td>• Multi-view options&lt;br&gt;• Open and view multiple surveys simultaneously&lt;br&gt;• Multi-floor surveys&lt;br&gt;• Voice over WLAN surveys&lt;br&gt;• Compare multiple views and plots of a single survey&lt;br&gt;• Network readiness assessment</td>
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## User-customizable
### Design/Application requirements
- Requires integration with AirMagnet Survey PRO
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- Automated network verification and validation
- Voice-Readiness validation
- Location-Readiness validation
- Pass/Fail assessment for design & application requirements
- Expert recommendations and advice

## Summary and Reporting
- Requires integration with AirMagnet Survey PRO
- Overall WLAN coverage report
- Multi-language support for reports
- Overall coverage and performance reports
- Per AP/channel/SSID coverage and performance reports
- WLAN planning report
- Channel/AP interference reports
- AirWISE (system requirements) report
- VoWLAN report
- Spectrum analysis report
- Create and share customized reporting templates

## RF and Spectrum Analysis
- Not available
- Detect and plot noise and co-channel interference
- Integration with AirMagnet Spectrum XT
- Identify areas where spectrum interferers were detected

netally.com/products/airmagnet-survey-pro