

## The Challenge

The easy part is behind you. You've chosen the best WLAN network analysis and troubleshooting software available – OmniPeek® network analyzer. Now you need a WLAN adapter that OmniPeek can use to reliably capture your wireless traffic, including the latest 3-stream 802.11n that was part of your recent upgrade. Fortunately OmniPeek supports a wide range of inexpensive, commercially available WLAN adapters, but which one to choose?

## The Solution: OmniWiFi™ USB WLAN Adapter

WildPackets® makes this choice easy too with the OmniWiFi™ USB WLAN capture adapter. This full-featured WLAN capture adapter connects to any external USB port, and includes an extension cable making it easy to use multiple adapters simultaneously. It is dual-band, operating in both the 2.4GHz (b/g/n) and 5GHz (a/n) bands. It supports wireless packet capture with both WildPackets OmniPeek and OmniEngine™ product lines, and supported drivers are available with WildPackets product installations. Wireless data can be collected on all international 802.11 channels (a/b/g/n), making it ideal for field service applications worldwide. OmniWiFi provides full support for 802.11n, up to data transmitted using three transmit streams (data rates up to 450Mbps), and using either standard 20MHz channels or bonded channels using 40MHz bandwidth.



In the real world, WLANs are deployed across multiple channels, so it's imperative to capture data on all channels in use – simultaneously – so critical data is not lost. OmniWiFi supports multi-channel aggregation, which also enables the ability to do complete roaming analysis, essential in keeping services like voice over wireless (VoFi) running smoothly for your mobile users.

## About WildPackets, Inc.

WildPackets develops hardware and software solutions that drive network performance, enabling organizations of all sizes to analyze, troubleshoot, optimize, and secure their wired and wireless networks. WildPackets products are sold in over 60 countries and deployed in all industrial sectors. Customers include Boeing, Chrysler, Motorola, Nationwide, and over 80 percent of the Fortune 1000. WildPackets is a Cisco Technical Development Partner (CTDP). For more information, visit [www.wildpackets.com](http://www.wildpackets.com).

With OmniWiFi users can

- Capture wireless packet data on all standard international 802.11 channels (a/b/g/n) for analysis with WildPackets OmniPeek and OmniEngine
- Analyze 802.11n WLAN data up to 3 transmit/receive streams (450Mbps wireless traffic)
- Analyze 802.11n WLAN data using 20MHz or 40MHz channels
- Use multiple adapters to capture and analyze data from multiple channels simultaneously
- Perform detailed WLAN analysis, from L2 to L7, including roaming analysis