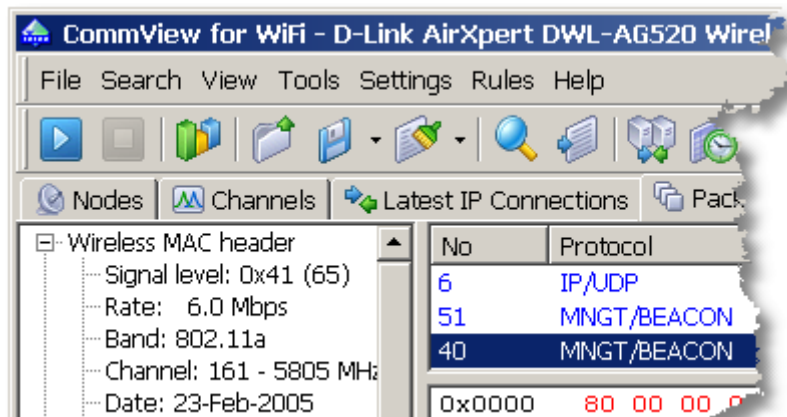


## WLAN Monitoring Made Easy

The rapid proliferation of wireless technology requires new tools for professionals who deal with the deployment, maintenance, and security of WLANs, as well as network forensics. Meeting this need, TamoSoft introduces CommView for WiFi, a powerful wireless network monitor and analyzer for 802.11 a/b/g/n networks. Loaded with many user-friendly features, CommView for WiFi combines performance and flexibility with an ease of use unmatched in the industry. This application captures every packet on the air to display important information such as the list of access points and stations, per-node and per-channel statistics, signal strength, a list of packets and network connections, protocol distribution



charts, etc. By providing this information, CommView for WiFi can help you view and examine packets, pinpoint network problems, and troubleshoot software and hardware.

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## VoIP Analysis

CommView includes a VoIP analysis module that is suited for real-time capturing and analyzing Internet telephony events, such as call flow, signaling sessions, registrations, media streams, errors, etc. By visualizing this data and assessing voice quality, this tool helps you boost productivity in debugging VoIP networks, software, and hardware. CommView's VoIP analyzer supports SIP 2.0 and H.323 signaling protocols and RTP 2.0 media streams and many widespread codecs.

## Protocol Decoding

With over 70 supported protocols, CommView for WiFi allows you to see every detail of a captured packet using a convenient tree-like structure to display protocol layers and packet headers. Additionally, the product provides an open interface for plugging in custom decoding modules.

## WEP and WPA Security

Keeping pace with the latest security standards, CommView for WiFi can decode 802.11 authentication and key exchange packets as well as perform on-the-fly and post-capture decryption of encrypted data packets. A user-defined 64, 128, 152, or 256-bit WEP key is required to decrypt WEP-encrypted packets or a WPA passphrase is required for decrypting WPA-encrypted packets in PSK (Pre-Shared Key) mode. WPA decryption in non-PSK mode is not available due to the restrictions of the underlying security model of the WPA standard. CommView for WiFi is the first, and so far the only, WLAN analyzer capable of WPA decryption.

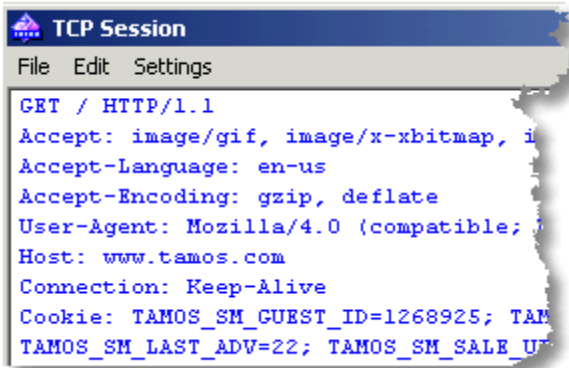


## Reports

Customizable reports generated by CommView for WiFi provide the user with detailed, real-time statistical data that covers network utilization, top LAN talkers, protocol distribution, errors and more. Reports are available in HTML and text formats.

## Reconstructing Data Streams

One of the most important features of a good packet analyzer is the ability to reconstruct TCP data streams, providing the user with easy-to-read information on both current and past TCP sessions between different network hosts. With just one mouse click, you can watch the contents of any TCP session, be it an HTTP client-server conversation shown as an HTML page, or a POP3



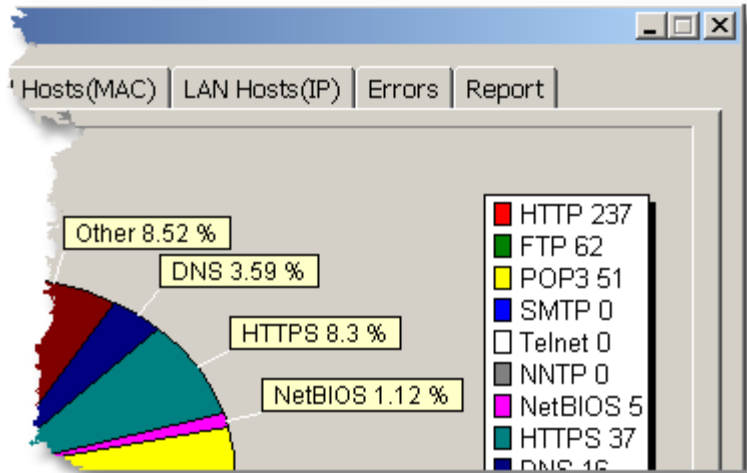
real time for further processing to any custom decoding or logging module. CommView for WiFi capture file format is open; it is described in detail in the product's help documentation.

## Filters and Alarms

CommView for WiFi provides a flexible system of filters ideal for filtering out unimportant network traffic and concentrating on critical packets and events. Filter traffic based on the protocol, MAC or IP address, port, text string; detect rogue access points; or use advanced Boolean rules for creating complex formulas. An array of alarm notification options will warn you of important events by displaying a message, playing a sound, launching an application, sending an e-mail message, etc.

## Packet Generation

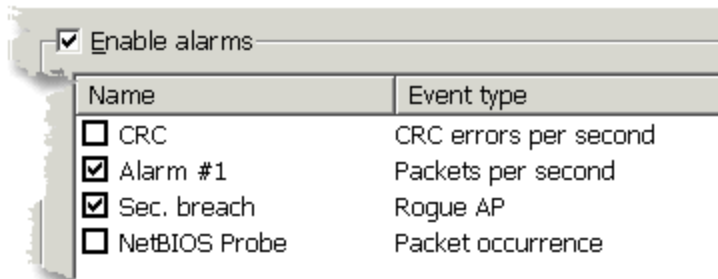
In addition to passive monitoring, the product is capable of sending arbitrary wireless packets



mail download shown as ASCII text. Another mouse click, and you can see the next session between the selected or any other hosts. If your WLAN traffic is encrypted, you can use this functionality if the correct WEP or WPA-PSK key is supplied.

## Data Exchange

With CommView for WiFi, sharing capture files is easy. This application can import and export data in many different formats, including Network Instruments Observer®, Network General Sniffer® for DOS/Windows, Microsoft® NetMon, WildPackets EtherPeek™ and AiroPeek™, and Tcpcap (libcap) file formats. Additionally, it can establish a direct TCP/IP link with any other application and send the data being captured in



through your network adapter. This function is extremely useful for simulating abnormal traffic, network attacks, or for testing firewalls and intrusion detection systems without having to set up any hardware or software. The packet generation tool features a convenient data editor, protocol decoder, checksum corrector, template repository and allows you to send individual packets or replay previously captured log files at an adjustable transmission rate.

## Product Maintenance

All TamoSoft products come with one year of free updates, upgrades, and and e-mail support.

## System Requirements

CommView for WiFi's system requirements depend on the network utilization. For optimal performance, we recommend a minimum system setup of a 1600 MHz processor with 128 MB of RAM. A compatible network adapter is also required. Some of the adapters supported by the application include:

Cisco Aironet 802.11a/b/g Wireless Cardbus Adapter  
D-Link DWA-542 RangeBooster N Desktop Adapter  
D-Link DWA-547 RangeBooster N Desktop Adapter  
D-Link DWA-552 Xtreme N Desktop Adapter  
D-Link DWA-556 Xtreme N PCI Express Desktop Adapter  
D-Link DWA-642 RangeBooster N Notebook Adapter  
D-Link DWA-643 Xtreme N Notebook ExpressCard Adapter  
D-Link DWA-645 RangeBooster N 650 Notebook Adapter  
D-Link DWA-652 Xtreme N Notebook Adapter  
D-Link AirPremier DWL-AG660 Wireless Cardbus Adapter  
D-Link AirPremier DWL-G680 Wireless Cardbus Adapter  
LinkSys WPC55AG Notebook Adapter  
NEC AtermWL300NC Wireless Network Adapter  
NETGEAR WG511U Double 108 Mbps Wireless PC Card  
NETGEAR WPN311 RangeMax Wireless PCI Adapter  
NETGEAR WPN511 RangeMax Wireless PC Card  
Proxim ORiNOCO 802.11a/g ComboCard Gold 8480  
TP-Link TL-WN910N Wireless N Cardbus Adapter

For an up-to-date list of supported network adapters, please visit [www.tamos.com](http://www.tamos.com). The application requires the installation of a custom "monitoring only" NDIS driver for the network adapter. This driver ships with the application. CommView for WiFi requires Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, or Windows 7 (both 32-bit and 64-bit versions).

## Ordering Information

At TamoSoft, we want you to be happy with your purchase. That is why we encourage you to try out our products and technical support free of charge for 30 days before you make a decision regarding your purchase. By making the most of these free evaluations, you can fully test the software and make sure that it does everything you need. When you are ready to buy, we welcome you to [www.tamos.com](http://www.tamos.com) to order directly from us, or through our partners and resellers in many countries.

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