

NetResident Technical Specifications

Supported Media and Network Types

Promiscuous mode:

- 10/100/1000 Mbps Ethernet
- Token Ring

Non-promiscuous Mode:

- Dial-up Adapter
- Wireless Ethernet 802.11a/b/g/n

Operating Systems

Windows 2000/XP/2003/Vista/2008/7 (32-bit or 64-bit versions)

System Requirements

Minimum: The application will run on requirements for the OS being used.

Recommended: 1600 MHz processor, 256 MB of RAM, 10 MB disk space for program files, extra disk space may be required if captured packets are logged to the disk. Depending on the traffic volume and usage mode, the requirements may be higher.

Supported File Formats for Capture File Import

- CommView native format (NCF)
- Network Instruments Observer®
- Network General Sniffer® for DOS
- Network General Sniffer® for Windows
- Microsoft® NetMon
- WildPackets EtherPeek™
- WildPackets AiroPeek™
- Tcpdump (libcap)

Supported Network Content

- Web – processes the data transmitted over HTTP protocol. This protocol is used for displaying Web pages.
- Mail – processes the data transmitted over POP3, SMTP, and IMAP protocols. These protocols are used by e-mail client and server software for e-mail message exchange.
- Web Mail – processes the data transmitted over HTTP protocol when working with Gmail, Hotmail, and Yahoo! Mail sites.
- News – processes the data transmitted over NNTP protocol.
- ICQ/AIM – processes the data transmitted over ICQ and AOL instant messaging protocols.
- MSN – processes the data transmitted over MSN Instant messaging protocol version 8.
- FTP – processes the data transmitted over FTP protocol used for downloading/uploading files from/to FTP servers.
- Yahoo – processes the data transmitted over Yahoo instant messaging protocol.
- Jabber – processes the data transmitted over XMPP protocol. This protocol is used for instant messaging by various Jabber clients, including Google Talk.
- IRC – processes the data transmitted over Internet Relay Chat protocol.
- Telnet – processes the data transmitted over Telnet protocol.
- VoIP – processes the data transmitted over SIP or H.323 protocol using RTP voice streams

Content Filtering

- By station
- By date
- By protocol

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