

# Capsa Enterprise

## Technical Specifications

### Operating Systems

- Windows XP (SP1 or later) and 64-bit Edition\*
- Windows Server 2003 and 64-bit Edition\*
- Windows Vista and 64-bit Edition
- Windows 2008 and 64-bit Edition\*
- Windows 7 and 64-bit Edition

\* The wireless analysis modules will not take effort on this operation system.

### System Requirements

#### Minimum

- CPU: P4 2.8GHz
- RAM: 2GB
- 100 MB free disk space
- Internet Explorer 6.0

#### Recommended

- CPU: Intel Core Duo 2.4GHz
- RAM: 4GB or more
- 10 GB additional space for packet files and logs
- Internet Explorer 6.0 or higher

### Supported Networks Types

#### Wired Networks

- Ethernet
- Fast Ethernet
- Gigabit Ethernet

#### Wireless Networks

- Complete 802.11 a/b/g/n wireless networks transmitting on 2.4 GHz and 5 GHz bands.
- **Data Rates:**
  - 802.11a: 6, 9, 12, 18, 24, 36, 48, 54, 72, 96, 108 Mbps
  - 802.11b: 1, 2, 5, 5.5, 11 Mbps
  - 802.11g: 5.5, 6, 9, 11, 12, 18, 22, 24, 33, 48, 54 Mbps

### Supported Network Adapters

#### Ethernet Adapters

- 100/1000 Mbps Ethernet adapters
- Loopback Interface (Windows 2000/XP)

#### Wireless Adapters

- All integrated, USB, ExpressCard and PCI wireless adapters with Network Driver Interface Specification (NDIS) 6.0 driver library.

### Deployment Environments

- Shared Networks
- Switched Networks
  - Managed Switches
  - Unmanaged Switches
- Network Segments
- Proxy Server

### Supported Wireless Encryption

- WEP - 64, 128, 152 and 256-bit
- WPA
- WPA2

To decrypt packets, a predefined decryption key is required.

### TCP Reconstruction Formats

- ASCII
- EBCDIC
- Unicode

### Supported Protocols

IP, PPP, ARP, MPLS, RARP, VLAN, PPPoE, ARP, RARP, ICMP, TCP, BGP, Finger, FTP, HTTP, POP3, TELNET, SMTP, UDP, TFTP, BOOTP, CIFS, DNS, SSH, DHCP, SMB, NetBIOS, NBDGM, NBNS, NBSSN, IPX, SPX, AH, EGP, ESP, GRE, OSPF, IGMP, HSRP, RIP, NCP, SAP, LPD, COPS, L2TP, MSN, PPTP, SCTP, VRRP, Gopher, ICP, eMule, MSSQL, BitTorrent, Oracle ... ..

Capsa supports over 300 types of protocols and sub-protocols. For more information about the protocols, please visit: <http://kb.colasoft.com/technical-problems-and-errors/97-supported-protocols>.

## Available Decoders

- AH packet decoder
- ARP packet decoder
- Bittorrent packet decoder
- BOOTP packet decoder
- CDP packet decoder
- CGMP packet decoder
- COPS packet decoder
- CIFS packet decoder
- DHCP packet decoder
- DNS packet decoder
- EGP packet decoder
- EIGRP packet decoder
- eMule packet decoder
- ESP packet decoder
- Ethernet 802.2 frame decoder
- Ethernet 802.3 frame decoder
- Ethernet II frame decoder
- Ethernet SNAP frame decoder
- FCoE packet decoder
- Finger packet decoder
- FTP packet decoder
- GGP packet decoder
- Gopher packet decoder
- GRE packet decoder
- HSRP packet decoder
- HTTP packet decoder
- ICMP packet decoder
- ICMPv6 packet decoder
- ICP packet decoder
- IGRP packet decoder
- IP packet decoder
- IPv6 packet decoder
- IPX packet decoder
- ISL packet decoder
- ISMP packet decoder
- L2TP packet decoder
- LPD packet decoder
- MPLS packet decoder
- MSN packet decoder
- MSSQL packet decoder
- NetBIOS packet decoder
- NCP packet decoder
- Oracle packet decoder
- OSPF decoder
- POP3 packet decoder
- PPP packet decoder
- PPP link control packet decoder
- PPP PAP decoder
- PPPoE packet decoder
- PPTP packet decoder
- RARP packet decoder
- RIPv1 decoder
- RIPv2 decoder
- RSVP packet decoder
- SAP packet decoder
- SCTP packet decoder
- SMB packet decoder
- SMTP packet decoder
- SPX packet decoder
- SSH packet decoder
- TCP packet decoder
- TELNET packet decoder
- TFTP decoder
- UDP packet decoder
- VLAN tag decoder
- VRRP packet decoder

## Supported Packet File Formats

- Colasoft Packet File (v6) (\*.cscpkt)
- Colasoft Raw Packet File (\*.rawpkt)
- Colasoft Packet File (v7) (\*.cscpkt)
- Accellent 5Views Packet File (\*.5vw)
- EtherPeek Packet File (V7) (\*.pkt)
- EtherPeek Packet File (V9) (\*.pkt)
- HP Unix Nettl Packet File (\*.TRCO;TRC1)
- Libpcap (Wireshark, tcpdump, Ethereal,etc.) (\*.cap)
- Microsoft Network Monitor2.x (\*.cap)
- Novell LANalyzer (\*.tr1)
- Network Instruments Observer v9.0 (\*.bfr)
- NetXRay2.0,and Windows Sniffer (\*.cap)
- Sun Snoop (\*.Snoop)
- Visual Network Traffic Capture (\*.cap)

For more information about Colasoft Capsa Enterprise Edition, please visit our web site at: [www.colasoft.com](http://www.colasoft.com).