# Colasoft Capsa
## Technical Specifications

**The specifications in this document are applicable to Colasoft Capsa 7.3.1 Enterprise Edition.**

## Software Systems

### Supported Operating Systems
- Windows XP (SP 1 or later) and 64bit Edition
- Windows Server 2003 and 64bit Edition
- Windows Vista and 64bit Edition
- Windows 2008 and 64bit Edition
- Windows 7 and 64bit Edition

### Relied Browser
- Internet Explorer 6.0 or higher

## Hardware Requirements

### Minimum Requirements
- CPU: P4 2.8GHz
- RAM: 2GB
- Internet Explorer 6.0

### Recommended Requirements
- CPU: Intel Core Duo 2.4GHz
- RAM: 4GB or more
- Internet Explorer 6.0 or higher

### Supported Networks
Colasoft Capsa can monitor and analyze communications transmitted on Ethernet, Fast Ethernet or Gigabit Ethernet networks.

### Supported Network Adapters
- 100/1000 Mbps Ethernet adapters
- Loopback Interface (Windows 2000/XP)

### Deployment Environments
- Shared Network
- Switched Network
  - Managed Switches
  - Unmanaged Switches
- Network Segment
- Proxy Server

## Supported Protocols

| Layer | Protocols |
|---|---|
| Application | BGP, BOOTP, CIFS, DHCP, DNS, Finger, FTP, FTP Control, FTP Data, Gopher, H.323, HTTP, HTTPS, IMAP, IMAP3, IMAPS, LDAP, LDAPS, Mobile IP, MSN, NFS, NNTP, NTP, POP2, POP3, POP3s, HTTP Proxy, RLOGIN, RTSP, SLP, SMB, SMTP, SNMP, Telnet, TFTP, BitTorrent, SNMP Trap, SSDP, ICP, COPS, RTP, RTP Audio, RTP Video, RTP Audio & Video, RTP Dynamic, COPS, Tunnel, Echo, CMIP-Agent, CMIP-Man, SFTP, RAP, RLP, Radius, Radius-acct, Radius-dynauth, eMule, PPlive, SShell, Kerberos, Citrix ICA, Time, Nameserver, Tacacs, Xns-time, JE, Discard, Systat, Qotd, MSP, Daytime, Msg-auth, Auditd, Ni-ftp, MPM, MPM-snd, Re-mail-ck, La-maint, XNS-ch, XNS-auth, XNS-mail, Tacacs-ds, Mit-ml-dev, CTF, NPP, DCP, Supdup, Swift-rvf, Tacnews, Mcidas, Pwdgen, Statsrv, Emfis-data, Emfis-cntl, HMP, PRM, RDP, IRTP, NETBLT, DCCP, IDPR, DDP, SDRP, IDRP, DSR, NARP, TLSP, PVP, SMP, PTP, CRTP, CRUDP, PIPE, FC, SPS, SNP, ISO-TP4, SKIP, CFTP, Login, Who, Yahoo Messenger, X-Window, UMA, ISO-TP0, ISO-IP, BFTP, SGMP-traps, NAMP, Send, RIS, MPP, CDC, Http-mgmt, PIP, Rtsps, Pdap, NSRMP, RSVP_tunnel, IBM-app, SNPP, RCP, NMSP, IDFP, SCC Security, Submission, SMIP, XDAS, RAMP, ACNET, Sflow, CRIP, TRIP, QQ, Mnet-discovery, Rwhois, Citrix ICA, Rexec, Biff, RTP with VLC |
| Presentation | AFP, Datagram Service, Name Service, NCP, NetBIOS |
| Session | RPC, SAP, Session Service |
| Transport | H.225, RTCP, SSH, TCP, UDP, NetBEUI |
| Network | CGMP, EIGRP, EGP, GRE, ICMP, IPv6, ICMPv6, IGMP, IGRP, IP, IP Fragment, IPX,OSPF, PIM, RSVP, VRRP, RIP, RIPv1, RIPv2, RIPv3, RIPv4, GDP, HSRP, RSVP, Cisco-fna, Cisco-tna, Cisco-sys, GGP, EIGRP Hello, EIGRP Query, EIGRP Reply, EIGRP Update, SGMP, Password-chg, CFS, SCCP |
| Data Link | ARP, RARP, Ethernet II, Ethernet 802.2, Ethernet 802.3, Ethernet SNAP, PPPoE, STP, VLAN 802.1Q, XNS, AARP, MPLS, Windows NLB, ISL, FCoE |
| Others | Kerberos, GTP, L2TP, LPD, MGCP, MSRDP, MSSQL, PPTP, RSH, RTELNET, SCTP, SQL, SIP, WhoIs, WINS, AH, ESP, PUP, CDP |

## Analysis Profiles

- Full Analysis
- Traffic Monitor
- Security Analysis
- Email Analysis
- HTTP Analysis
- DNS Analysis
- FTP Analysis
- IM Analysis

## Tab Views

- Dashboard
- Summary
- Diagnosis
- Protocol
- Physical Endpoint
- IP Endpoint
- Physical Conversation
- IP Conversation
- TCP Conversation
- UDP Conversation
- Matrix
- Packet
- Log
- Report

## 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 Ctrl packet decoder
- FTP Data 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 datagram service decoder
- NetBIOS name service decoder
- NetBIOS session service decoder
- NCP packet decoder
- Oracle packet decoder
- OSPF decoder
- POP3 packet decoder
- PPP packet decoder
- PPP CHAP packet decoder
- PPP IPCP decoder
- PPP link control packet decoder
- PPP PAP decoder
- PPPoE discovery packet decoder
- PPPoE session packet decoder
- PPTP packet decoder
- QQ 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

## TCP Stream Reconstruction Formats

- ASCII
- EBCDIC

## 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 LANalyer（*.tr1）
- Network Instruments Observer v9.0（*.bfr）
- NetXRay2.0,and Windows Sniffer（*.cap）
- Sun_Snoop（*.Snoop）
- Visual Network Traffic Capture（*.cap）