

E-DETECTIVE



E-Detective[®] Internet Content Monitoring and Forensics Analysis

Email



Chat



Web



FTP



P2P



VOIP



WebCam



HTTPS/SSL



TELNET

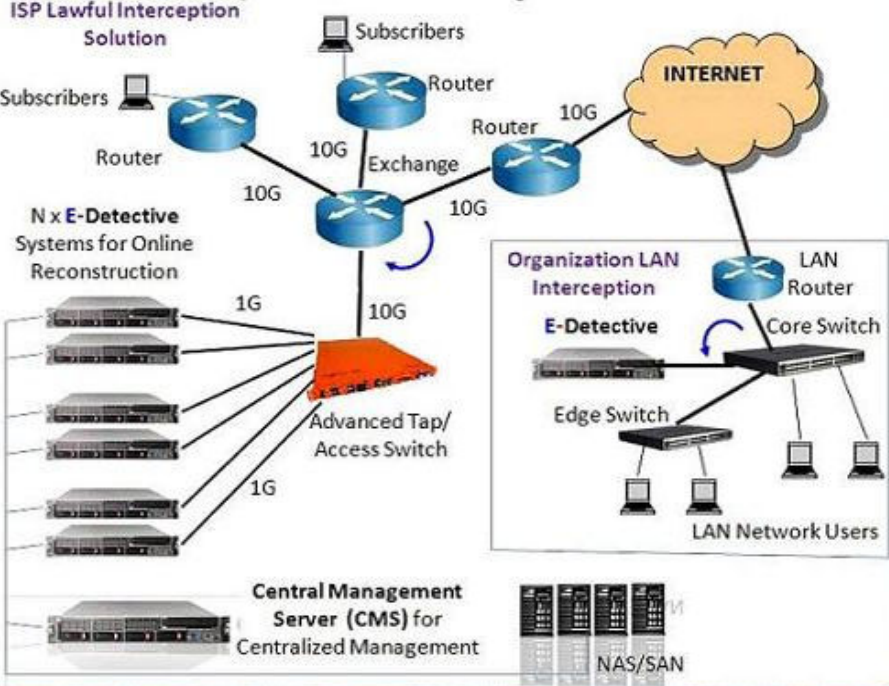


Internet content monitoring and auditing are important tasks for many organizations including small medium business, enterprises, banking and finance industries, Government agencies, forensics and intelligence agencies for different purposes. The reconstructed and archived Internet data can be used for legal evidence in case of any dispute. Government and intelligence agencies uses such technology for protecting and defending the national security.

Total Throughput Statistical Report

Service Category	Daily Traffic			Weekly Traffic			Total Traffic		
	Quantity	Throughput	Report	Quantity	Throughput	Report	Quantity	Throughput	Report
Summary	57,301	11,322,211 KB	MA	541,595	103,548,478 KB	MA	541,595	288,195,267 KB	MA
EMAIL	1,000	775,356 KB	MA	2,434	14,282,891 KB	MA	2,434	22,285,364 KB	MA
CHAT	405	134,545 KB	MA	393	2,446,191 KB	MA	393	3,873,543 KB	MA
FILE TRANSFER	552	3,962,082 KB	MA	1,434	13,831,831 KB	MA	1,434	113,716,678 KB	MA

E-Detective Implementation Diagram



Internet Protocols Reconstruction (sample screenshots)

Email - Webmail

IM - Chat

HTTP (Link, Content, Reconstruct, Upload / Download, Video Stream)

Administrative and Management (sample screenshots)

Search - Keyword, Condition, Association

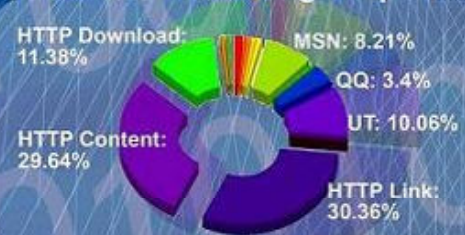
Alert - Notification

Backup - Archive

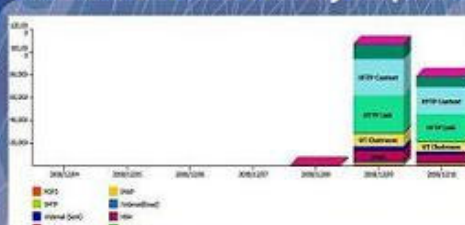
Online Userlist Report

No.	IP	Username	Conn. Time	Comp.
1	192.168.1.10	admin	2008-12-10 10:10:10	WINXP
2	192.168.1.11	user	2008-12-10 10:10:11	WINXP

Network Service Usage Report



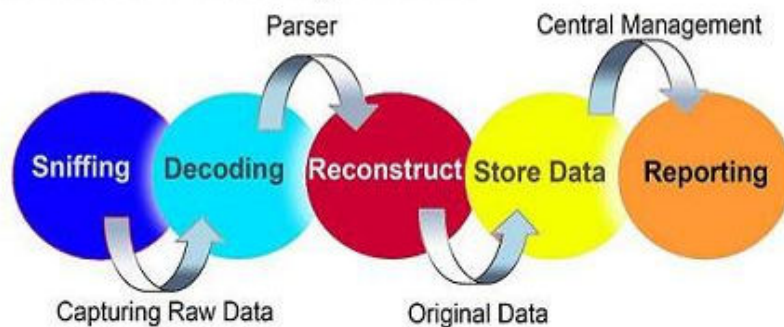
Network Service Weekly Report



Top Websites

Rank	Website Name	User Count
1	ipk8.com	7,301
2	ipk8.com	5,133
3	ipk8.com	5,133
4	ipk8.com	4,871
5	ipk8.com	4,871

E-Detective System Architectural Design & Flow



One of the MOST COMPLETE "Content Reconstruction" system in the world!





Specifications and Features

Supporting Throughput/Load	Up to 600 Mbps
Supporting Corporation Size	Very scalable, > 6000 online users
Appliance Based	Yes
Deployment	Mirror Mode, Bridge Mode, Sniffer Mode, Double Layer Architecture
Services/ Protocols	<p>Email Webmail (Read and Sent)</p> <p>POP3, SMTP, IMAP Yahoo (Standard and Beta versions), Gmail (Newer and Older versions), Windows Live Hotmail, Hinet, PCHome, URL, Giga, Yam, Sina, Seednet, mail.tom.com, mail.163.com, Sohu.com</p> <p>Instant Messenger/ Chat</p> <p>Yahoo, Windows Live Messenger (MSN), ICQ, AOL, QQ, UT Chat Room, Google Talk, IRC, Skype VOIP Log - includes File Transfer through IM in some supported protocols</p> <p>HTTP</p> <p>HTTP Link (URL), HTTP Content, HTTP Reconstruct, HTTP Upload/Download</p> <p>FTP</p> <p>FTP Upload/Download</p> <p>P2P</p> <p>P2P Details Log - Bittorrent, eMule/eDonkey etc.</p> <p>Online Games</p> <p>60++ Online Games</p> <p>Telnet/BBS</p> <p>With playback</p> <p>VOIP</p> <p>Yahoo Messenger VOIP</p> <p>Webcam</p> <p>MSN Messenger, Yahoo Messenger Webcam</p>
Management	<p>System Access</p> <p>HTTPs Remote Monitoring</p> <p>Group/User</p> <p>Yes</p> <p>Data Backup</p> <p>Yes, Restore Server, NAS/S AN based FTP server etc.</p> <p>Web Browser Access</p> <p>Yes (using IE, Mozilla etc.)</p> <p>Data Mining and Search</p> <p>Yes (Search by Parameters, Search by Key Words), Similar Search Function, User Account Relationship tracing</p> <p>Alert/Notification</p> <p>Yes. Alert/Notification by parameters, by Key Words</p> <p>Throughput Alert</p> <p>Yes</p> <p>Station Management</p> <p>Yes (NetBIOS, Active Directory info)</p> <p>Storage Management</p> <p>Yes</p> <p>Upgrade</p> <p>Web based Upgrade</p>
Reporting	<p>Reports</p> <p>Yes, Comprehensive reporting. Total throughput statistical report with top-down view. Per user reporting with top-down view.</p> <p>Schedule Reporting</p> <p>Yes, provide daily log report in Excel format</p>

Who benefits from E-Detective® System?

WHO	Human Resources Case Developer Computer Forensics Examiners Banking and Financial Institution Prosecutors	Fraud Examiners White Collar Crime Units Gang Units Homeland Security Legal Units	Educational Institution Enterprises Government Corporation
WHAT	Source Code Employee Information M&A Plans Business Plans Patient Information	Financial Statement Competitive Information Technical Document Intellectual Property Databases	Students' Records R&D Design P&L Report Customer Records
WHERE	Benefits Providers Chart Board Business Partners	Blog Customers Spyware Site	Competitors Terrorist
HOW	Email and Webmail Web - HTTP Instant Messaging / Chat	File Transfer - FTP, P2P HTTP Upload/Download	Online Games Telnet

E-Detective® Models

Model	Photo	Online IP	HDD Size	DVD/CD ROM	External Storage
ED-FX06		0 - 40	80G	NA	Support
ED-FX30		41 - 200	160G	YES	Support
ED-FX100		201 - 1000	120G - 300G customizable	YES	Support
ED-FX120		above 1000	120G - 300G customizable	YES	Support

Compliance Solution for Sarbanes-Oxley Act (SOX), Health Insurance Portability and Availability Act (HIPAA), Electronic Discovery (E-Discovery), Gramm-Leach-Bliley Act (GLBA), Securities and Exchange Commission (SEC), National Association Of Securities Dealers (NASD) and others - many other internal corporate policies.

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