Decision Computer Group

E-Detective System

(Wireless)

Moving forward with the security of networking and computer forensics

Agenda

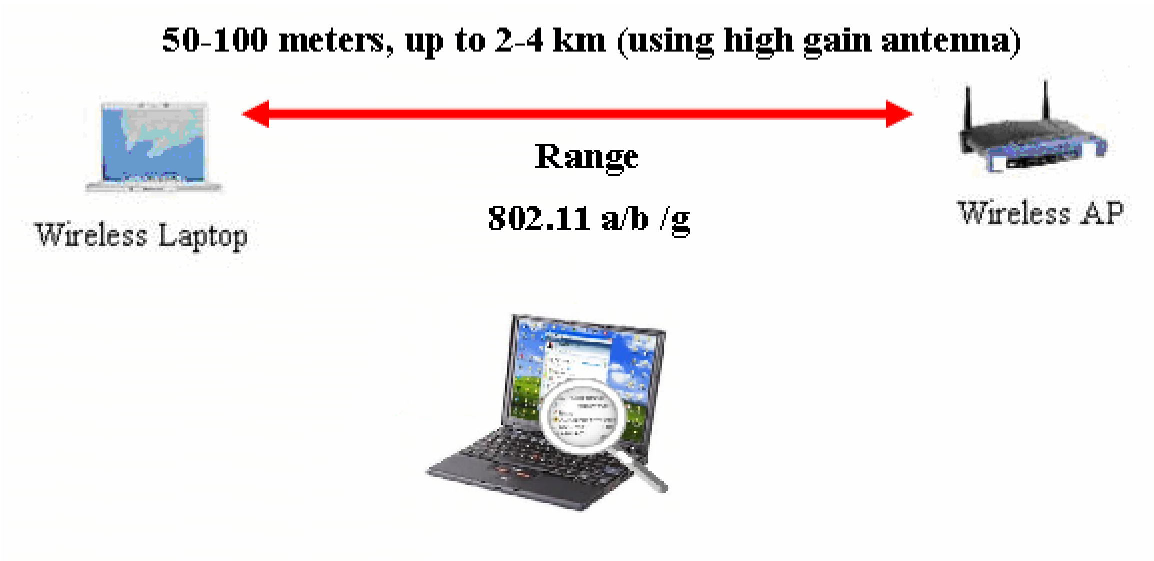
- Introduction of Wireless E-Detective System
- Wireless E-Detective system application
- Scanning AP and STA
- Sniffing Specific Target
- Decryption of WEP and WPA key
- Operation or Function of Wireless E-Detective
  - Emails, IM, FTP, P2P, Telnet, Web Browsing Log, Online Game
  - IP/ PC Names
  - Powerful Search Record and Data Mining
  - Data Backup
- GPS Orientation
- Wireless E-Detective system models
- Some Reference Sites
- Frequently Asked Questions
- Q&A

(Wireless Local Area Network) WLAN Surveillance/ Forensics/ Legal Intercept System

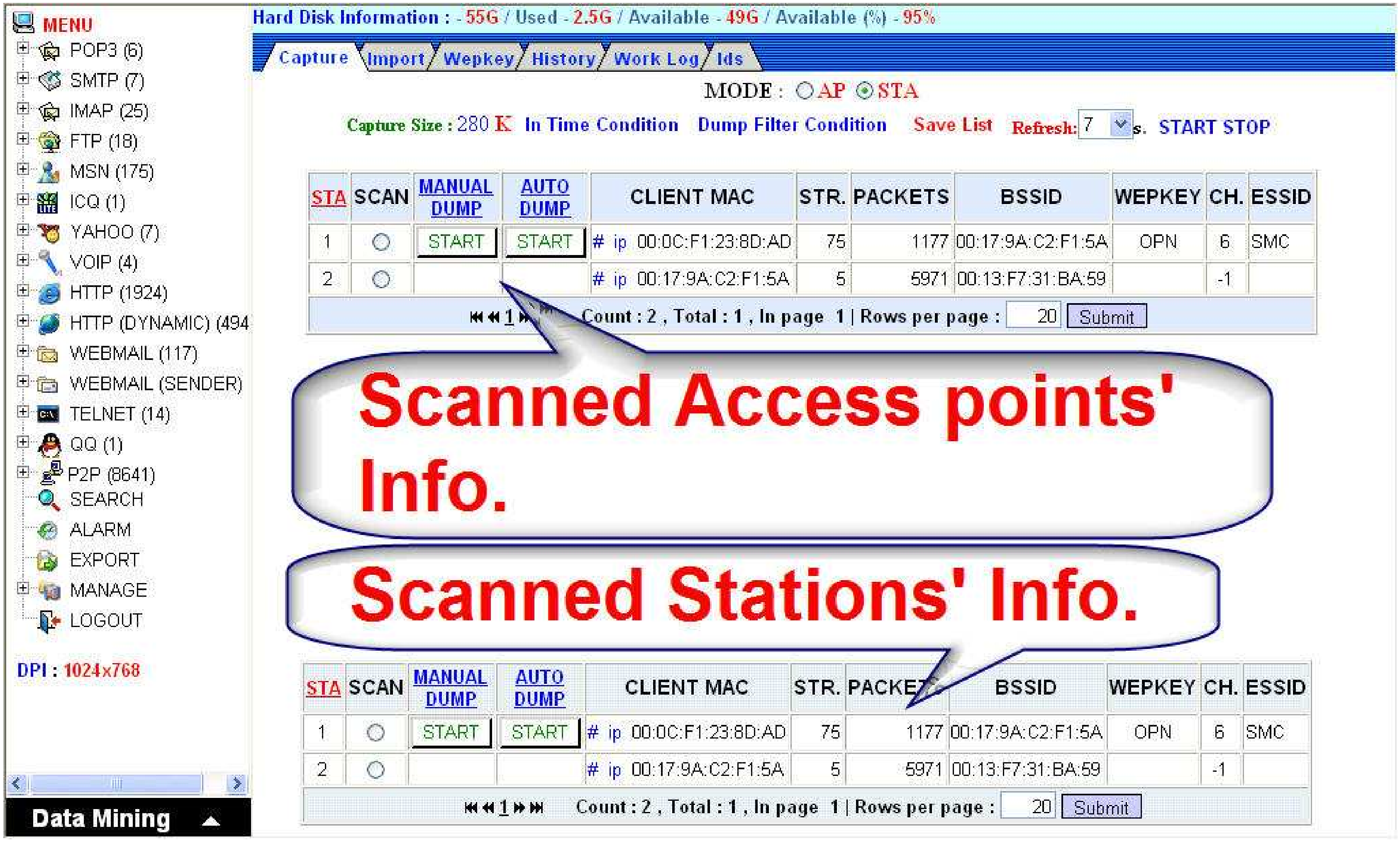
E-DETECTIVE ®

Instrument for Business, Police, Military, Forensics, Legal Interception and Information Investigation Agency/ Department

Wireless Surveillance System captures wireless packets transmitted over the air Ranging up to 100 Meters or more (possibly up to 2 – 4 KM using High Gain Antenna).



Scanning APs and Stations



DPI : 1024x768

Hard Disk Information : - 55G / Used - 2.5G / Available - 49G / Available (%) - 95%

MODE : ○ AP ● STA

Capture Size : 280 K

Refresh: 7 s.

STA	SCAN	MANUAL DUMP	AUTO DUMP	CLIENT MAC	STR.	PACKETS	BSSID	WEPKEY	CH.	ESSID
1	○	START	START	# ip 00:0C:F1:23:8D:AD	75	1177	00:17:9A:C2:F1:5A	OPN	6	SMC
2	○			# ip 00:17:9A:C2:F1:5A	5	5971	00:13:F7:31:BA:59		-1	

⏮ ⏪ 1 ⏩ ⏭ Count : 2 , Total : 1 , In page 1 | Rows per page : 20 Submit

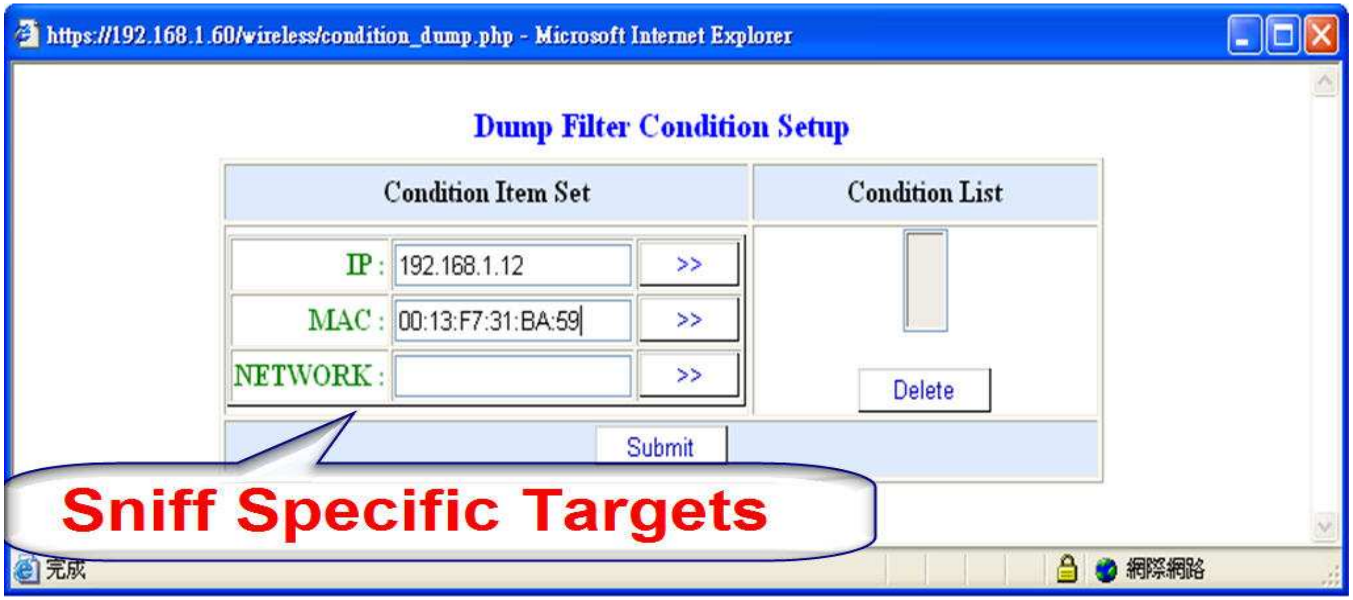
Scanned Access points' Info.

Scanned Stations' Info.

STA	SCAN	MANUAL DUMP	AUTO DUMP	CLIENT MAC	STR.	PACKETS	BSSID	WEPKEY	CH.	ESSID
1	○	START	START	# ip 00:0C:F1:23:8D:AD	75	1177	00:17:9A:C2:F1:5A	OPN	6	SMC
2	○			# ip 00:17:9A:C2:F1:5A	5	5971	00:13:F7:31:BA:59		-1	

⏮ ⏪ 1 ⏩ ⏭ Count : 2 , Total : 1 , In page 1 | Rows per page : 20 Submit

Sniffing from Specific Target



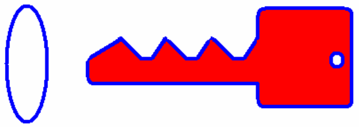
https://192.168.1.60/wireless/condition_dump.php - Microsoft Internet Explorer

Dump Filter Condition Setup

Condition Item Set		Condition List
IP :	192.168.1.12	
MAC :	00:13:F7:31:BA:59	
NETWORK :		

Sniff Specific Targets

Decryption of WEP and WPA KEY



WEP and WPA decryption can be done by Wireless E-Detective System.

1) WEP key decryption:--

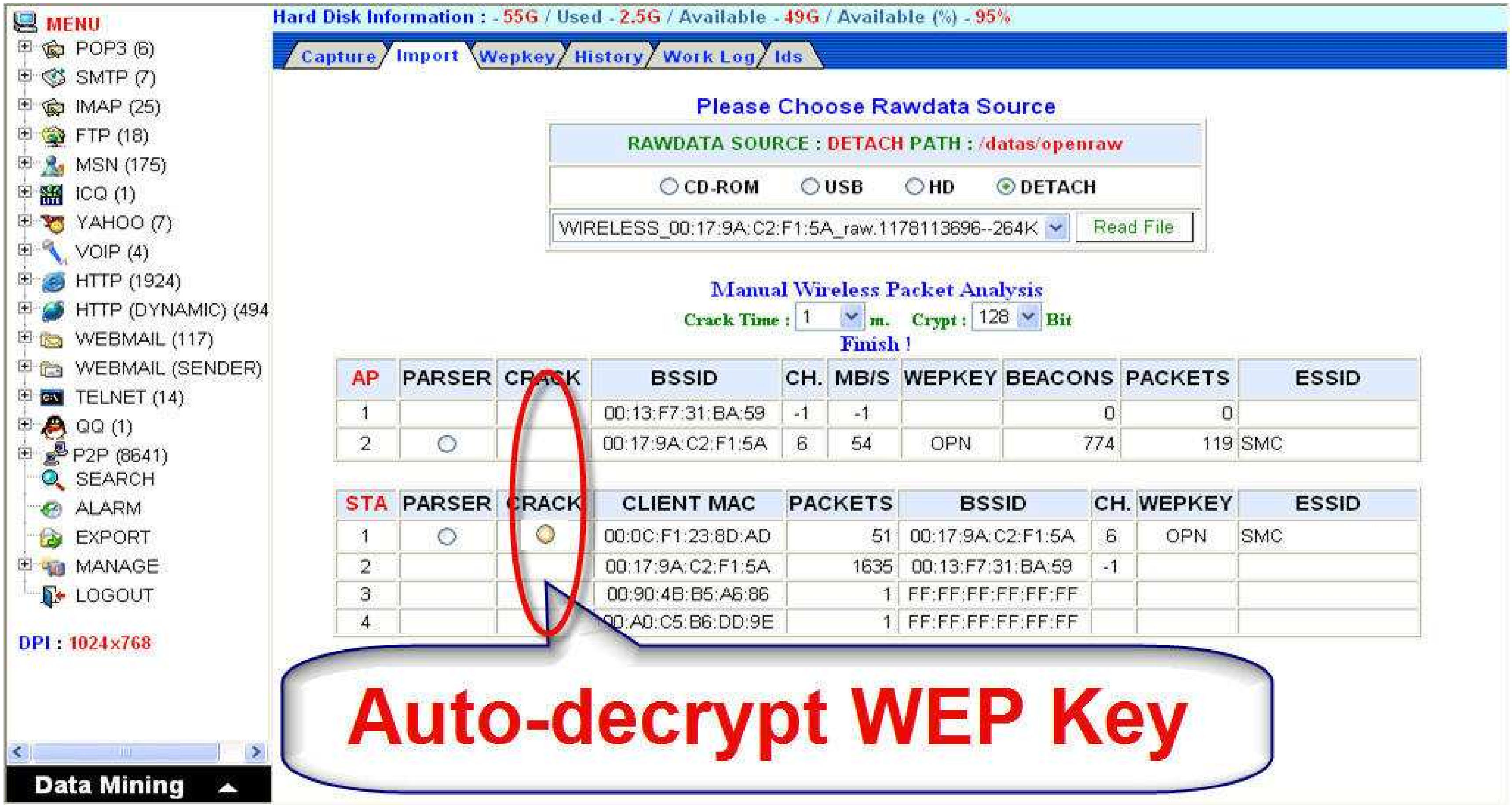
Proactive Crack and Passive Crack
Proactive Crack – Crack WEP key automatically by the system
Passive Crack – Crack WEP key manually
64-bit key – 10 HEX: (approx. 40,000 packets)
128-bit key – 26 HEX: (approx. 200,000 packets)

2) WPA key decryption:--

WPA, WPA-PSK can be cracked. (Customizable Option)

The time taken to decrypt the WEP key depends on network condition: Active or Inactive. More packet captures can give higher chances of WEP to be decrpyted.

Decryption of WEP Key



DPI : 1024x768

Hard Disk Information : - 55G / Used - 2.5G / Available - 49G / Available (%) - 95%

Please Choose Rawdata Source

RAWDATA SOURCE : DETACH PATH : /datas/openraw

○ CD-ROM ○ USB ○ HD ● DETACH

WIRELESS_00:17:9A:C2:F1:5A_raw.1178113696--264K

Manual Wireless Packet Analysis

Crack Time : 1 m. Crypt : 128 Bit

Finish !

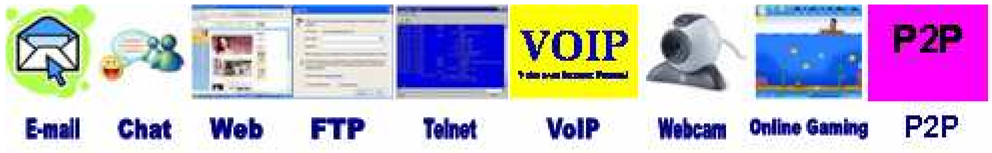
AP	PARSER	CRACK	BSSID	CH.	MB/S	WEPKEY	BEACONS	PACKETS	ESSID
1			00:13:F7:31:BA:59	-1	-1		0	0	
2	○		00:17:9A:C2:F1:5A	6	54	OPN	774	119	SMC

STA	PARSER	CRACK	CLIENT MAC	PACKETS	BSSID	CH.	WEPKEY	ESSID
1	○	○	00:0C:F1:23:8D:AD	51	00:17:9A:C2:F1:5A	6	OPN	SMC
2			00:17:9A:C2:F1:5A	1635	00:13:F7:31:BA:59	-1		
3			00:90:4B:B5:A6:86	1	FF:FF:FF:FF:FF:FF			
4			00:A0:C5:B6:DD:9E	1	FF:FF:FF:FF:FF:FF			

Auto-decrypt WEP Key

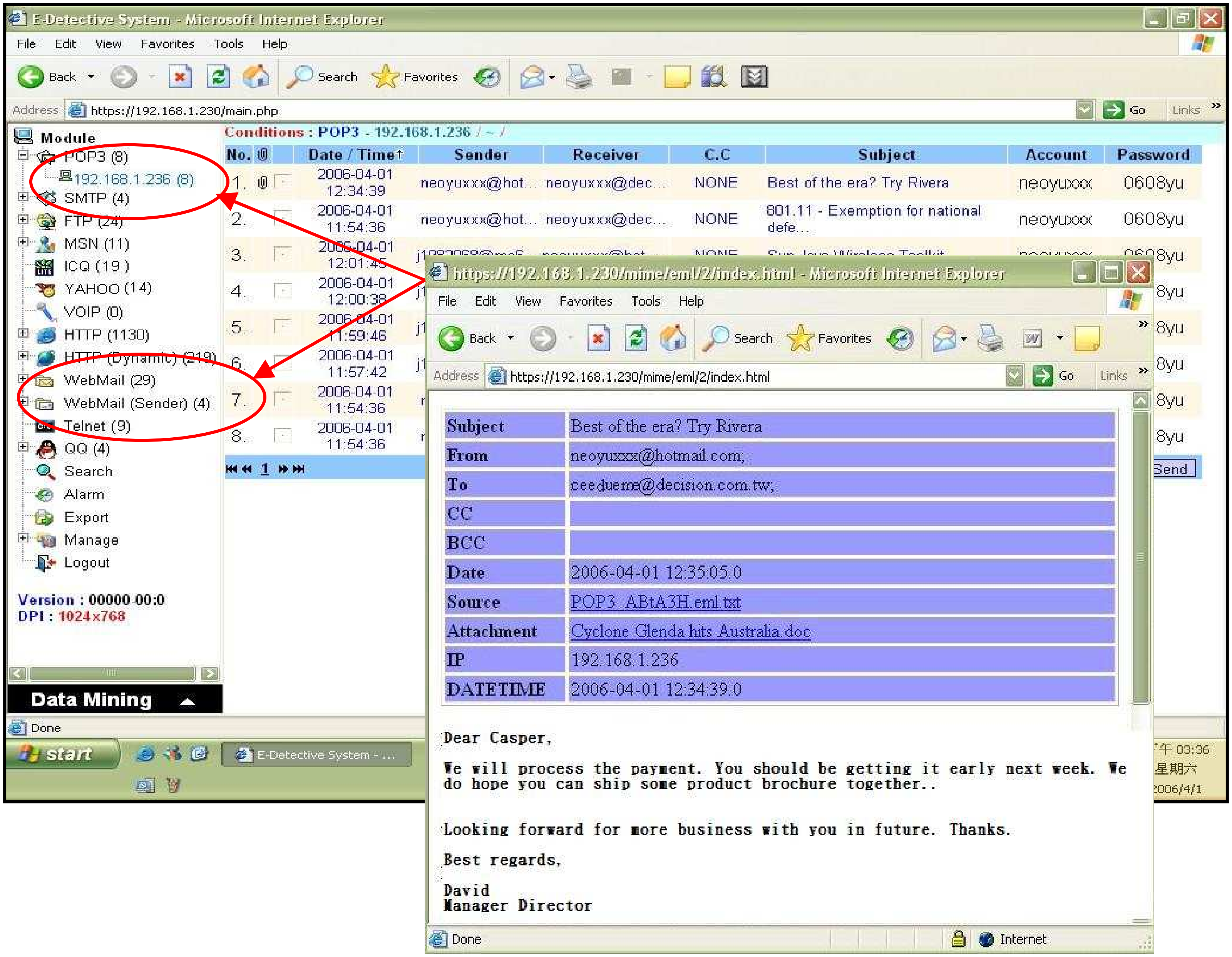
Decoding of raw data … and such protocols

Wireless E-Detective captures wireless network packets, decode raw data, and rearrange it into real and readable format as it has been sent or received.



- Emails (POP3, SMTP, IMP4, Web mails)
- FTP (upload and download)
- P2P log (Bittorent, eDonkey etc.)
- Instant Messages (MSN, ICQ, AOL, YAHOO, QQ)
- VOIP (YAHOO & MSN)
- Web Cam (YAHOO & MSN)
- TELNET
- URL Browsing (HTTP)
- Online Game log (Ragnarok, World of Warcraft etc.)
- SSL/HTTPS (another set of equipment)

POP3/SMTP/Web Mail/Hot Mail Log



Version : 00000-00:0
DPI : 1024x768

Conditions : POP3 - 192.168.1.236 / ~ /

No.		Date / Time↑	Sender	Receiver	C.C	Subject	Account	Password
1.	□	2006-04-01 12:34:39	neoyuxxx@hot...	neoyuxxx@dec...	NONE	Best of the era? Try Rivera	neoyuxxx	0608yu
2.	□	2006-04-01 11:54:36	neoyuxxx@hot...	neoyuxxx@dec...	NONE	801.11 - Exemption for national defe...	neoyuxxx	0608yu
3.	□	2006-04-01 12:01:45	j1982068@ms6...	neoyuxxx@hot...	NONE	Sun Java Wireless Toolkit	neoyuxxx	0608yu
4.	□	2006-04-01 12:00:38	j1					8yu
5.	□	2006-04-01 11:59:46	j1					8yu
6.	□	2006-04-01 11:57:42	j1					8yu
7.	□	2006-04-01 11:54:36	r					8yu
8.	□	2006-04-01 11:54:36	r					8yu

⏮ ⏪ 1 ⏩ ⏭

Subject	Best of the era? Try Rivera
From	neoyuxxx@hotmail.com;
To	ceedueme@decision.com.tw;
CC	
BCC	
Date	2006-04-01 12:35:05.0
Source	POP3_ABtA3H.eml.txt
Attachment	Cyclone Glenda hits Australia.doc
IP	192.168.1.236
DATETIME	2006-04-01 12:34:39.0

Dear Casper,

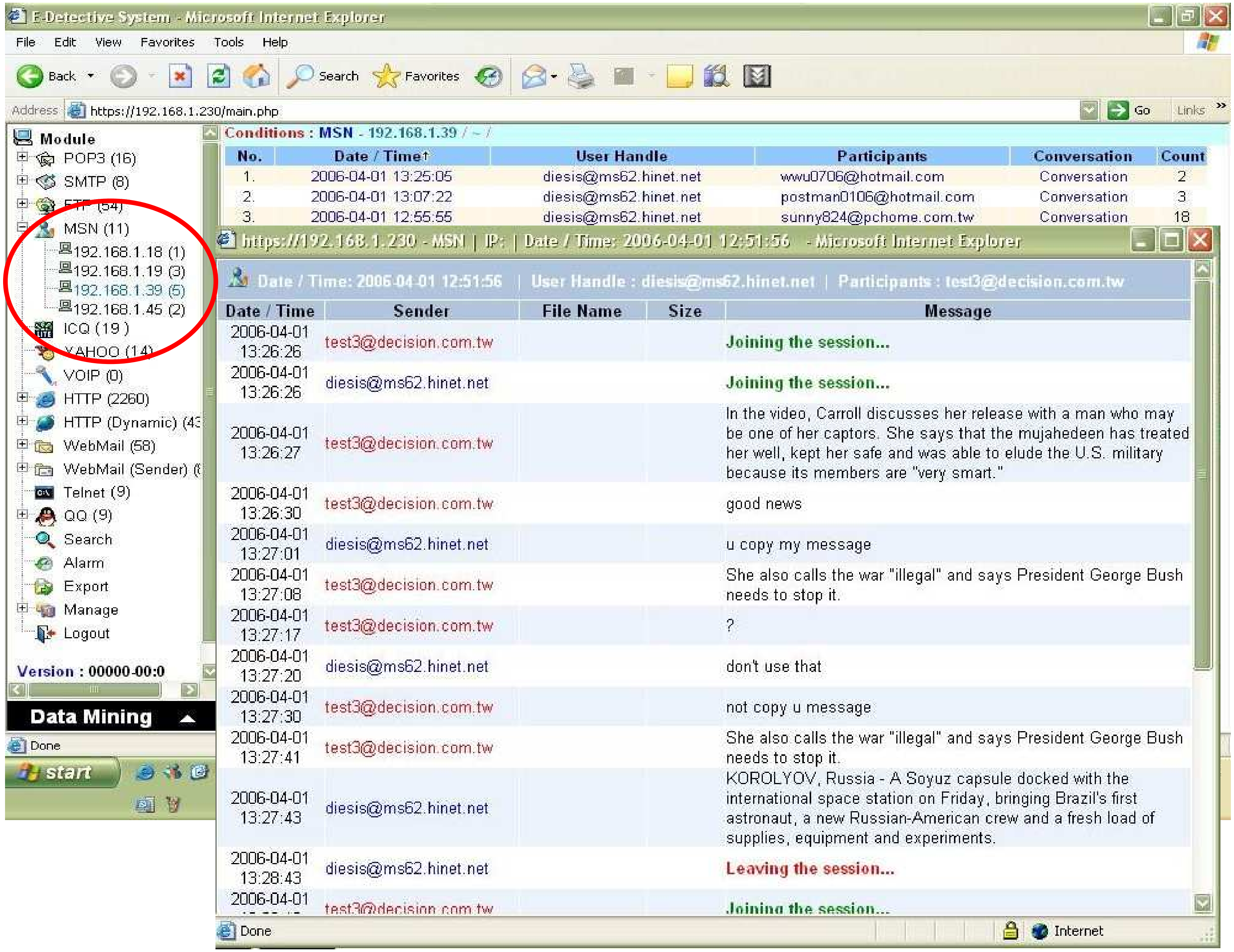
We will process the payment. You should be getting it early next week. We do hope you can ship some product brochure together..

Looking forward for more business with you in future. Thanks.

Best regards,

David
Manager Director

IM-MSN/ICQ/Yahoo/AOL/QQ Log



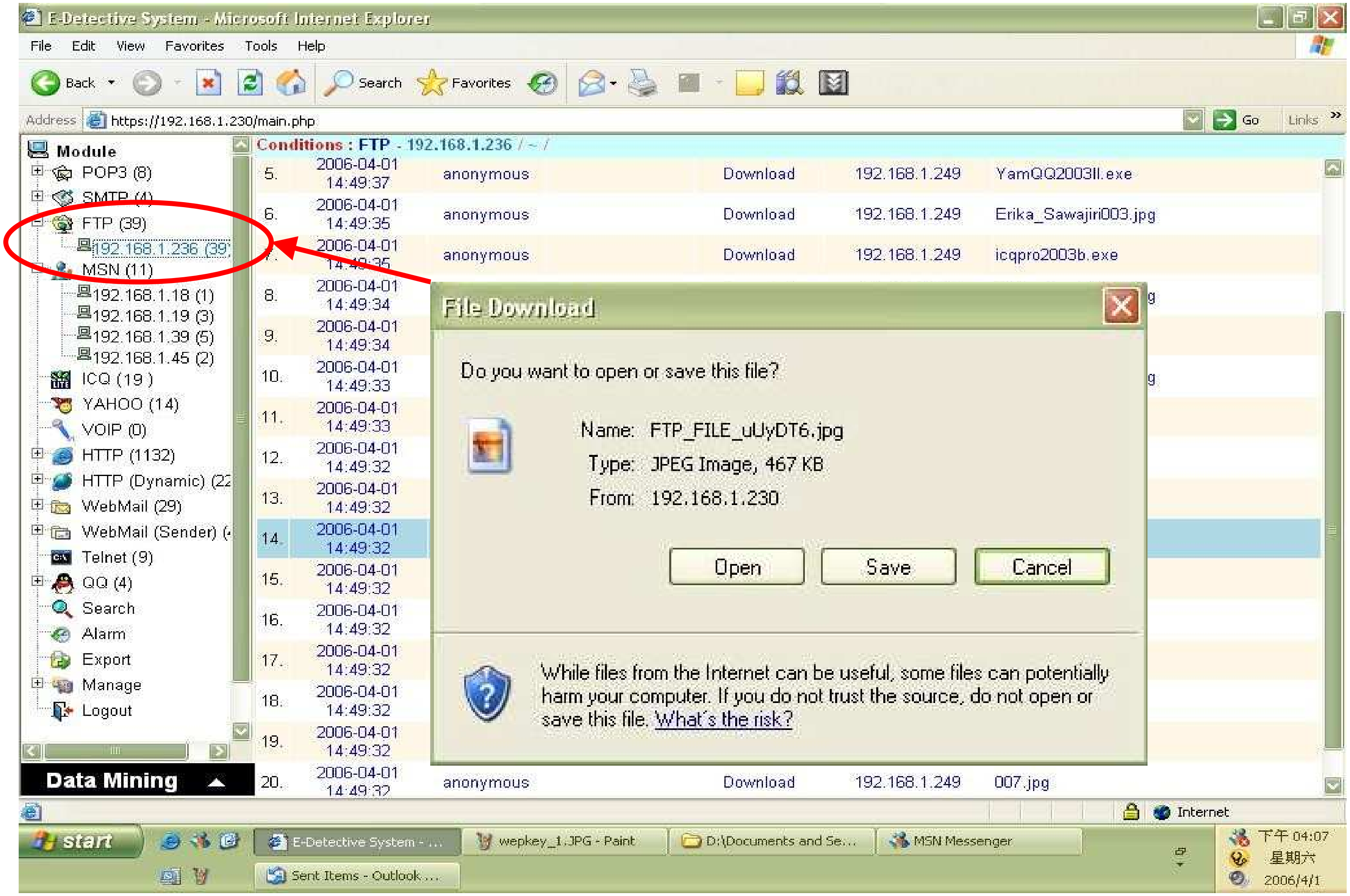
Conditions : MSN - 192.168.1.39 / ~ /

No.	Date / Time↑	User Handle	Participants	Conversation	Count
1.	2006-04-01 13:25:05	diesis@ms62.hinet.net	wwu0706@hotmail.com	Conversation	2
2.	2006-04-01 13:07:22	diesis@ms62.hinet.net	postman0106@hotmail.com	Conversation	3
3.	2006-04-01 12:55:55	diesis@ms62.hinet.net	sunny824@pchome.com.tw	Conversation	18

Date / Time: 2006-04-01 12:51:56 | User Handle : diesis@ms62.hinet.net | Participants : test3@decision.com.tw

Date / Time	Sender	File Name	Size	Message
2006-04-01 13:26:26	test3@decision.com.tw			Joining the session...
2006-04-01 13:26:26	diesis@ms62.hinet.net			Joining the session...
2006-04-01 13:26:27	test3@decision.com.tw			In the video, Carroll discusses her release with a man who may be one of her captors. She says that the mujahedeen has treated her well, kept her safe and was able to elude the U.S. military because its members are "very smart."
2006-04-01 13:26:30	test3@decision.com.tw			good news
2006-04-01 13:27:01	diesis@ms62.hinet.net			u copy my message
2006-04-01 13:27:08	test3@decision.com.tw			She also calls the war "illegal" and says President George Bush needs to stop it.
2006-04-01 13:27:17	test3@decision.com.tw			?
2006-04-01 13:27:20	diesis@ms62.hinet.net			don't use that
2006-04-01 13:27:30	test3@decision.com.tw			not copy u message
2006-04-01 13:27:41	test3@decision.com.tw			She also calls the war "illegal" and says President George Bush needs to stop it.
2006-04-01 13:27:43	diesis@ms62.hinet.net			KOROLYOV, Russia - A Soyuz capsule docked with the international space station on Friday, bringing Brazil's first astronaut, a new Russian-American crew and a fresh load of supplies, equipment and experiments.
2006-04-01 13:28:43	diesis@ms62.hinet.net			Leaving the session...
2006-04-01	test3@decision.com.tw			Joining the session...

FTP Log



Conditions : FTP - 192.168.1.236 / ~ /

5.	2006-04-01 14:49:37	anonymous	Download	192.168.1.249	YamQQ2003II.exe
6.	2006-04-01 14:49:35	anonymous	Download	192.168.1.249	Erika_Sawajiri003.jpg
7.	2006-04-01 14:49:35	anonymous	Download	192.168.1.249	icqpro2003b.exe
8.	2006-04-01 14:49:34				g
9.	2006-04-01 14:49:34				
10.	2006-04-01 14:49:33				g
11.	2006-04-01 14:49:33				
12.	2006-04-01 14:49:32				
13.	2006-04-01 14:49:32				
14.	2006-04-01 14:49:32				
15.	2006-04-01 14:49:32				
16.	2006-04-01 14:49:32				
17.	2006-04-01 14:49:32				
18.	2006-04-01 14:49:32				
19.	2006-04-01 14:49:32				
20.	2006-04-01 14:49:32	anonymous	Download	192.168.1.249	007.jpg

File Download

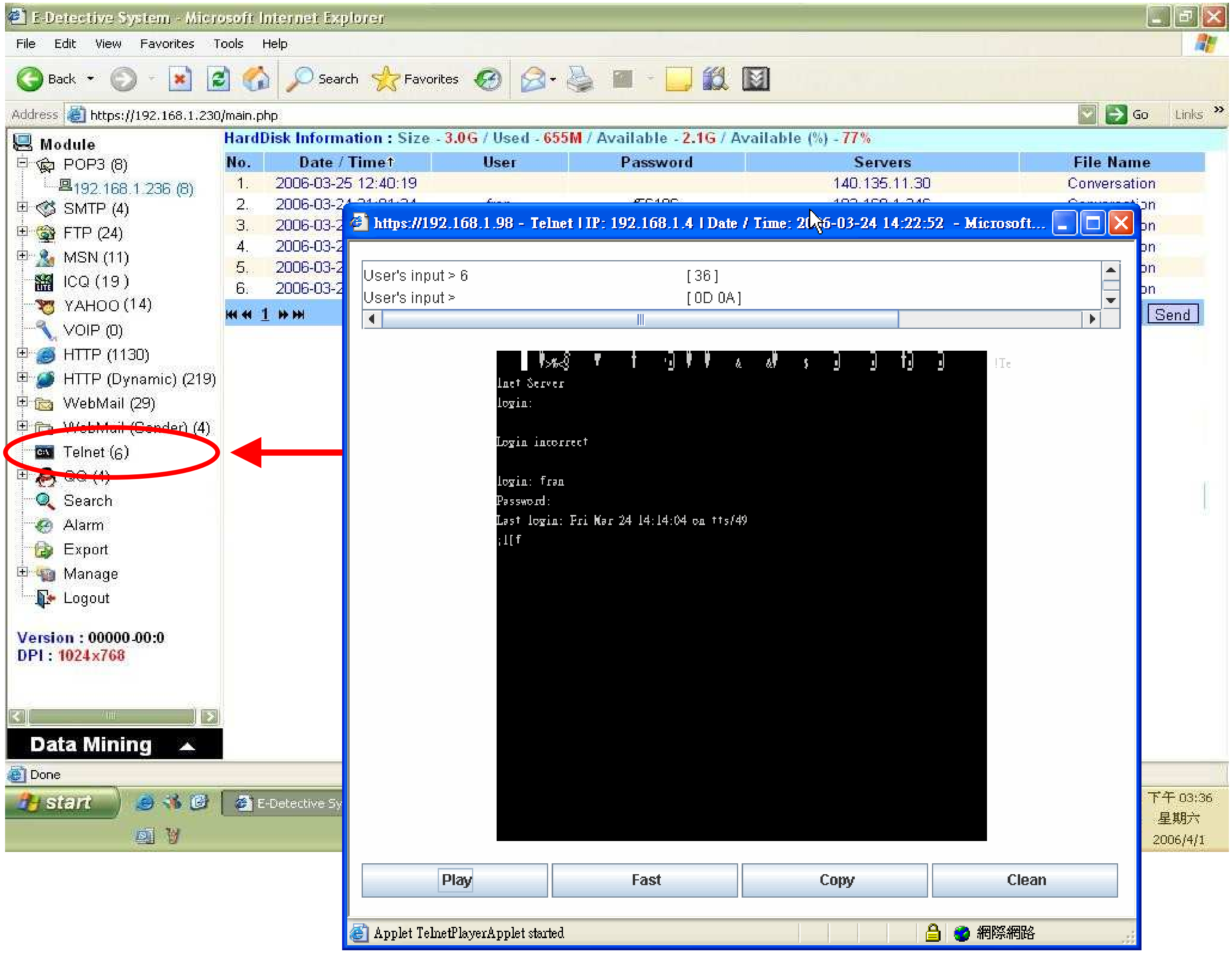
Do you want to open or save this file?

Name: FTP_FILE_uUyDT6.jpg
Type: JPEG Image, 467 KB
From: 192.168.1.230

Open | Save | Cancel

While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. What's the risk?

Telnet Log



Version : 00000.00:0
DPI : 1024x768

HardDisk Information : Size - 3.0G / Used - 655M / Available - 2.1G / Available (%) - 77%

No.	Date / Time↑	User	Password	Servers	File Name
1.	2006-03-25 12:40:19			140.135.11.30	Conversation
2.	2006-03-2				on
3.	2006-03-2				on
4.	2006-03-2				on
5.	2006-03-2				on
6.	2006-03-2				on

https://192.168.1.98 - Telnet | IP: 192.168.1.4 | Date / Time: 2006-03-24 14:22:52 - Microsoft...

```
User's input > 6          [ 36 ]
User's input >            [ 0D 0A ]
```

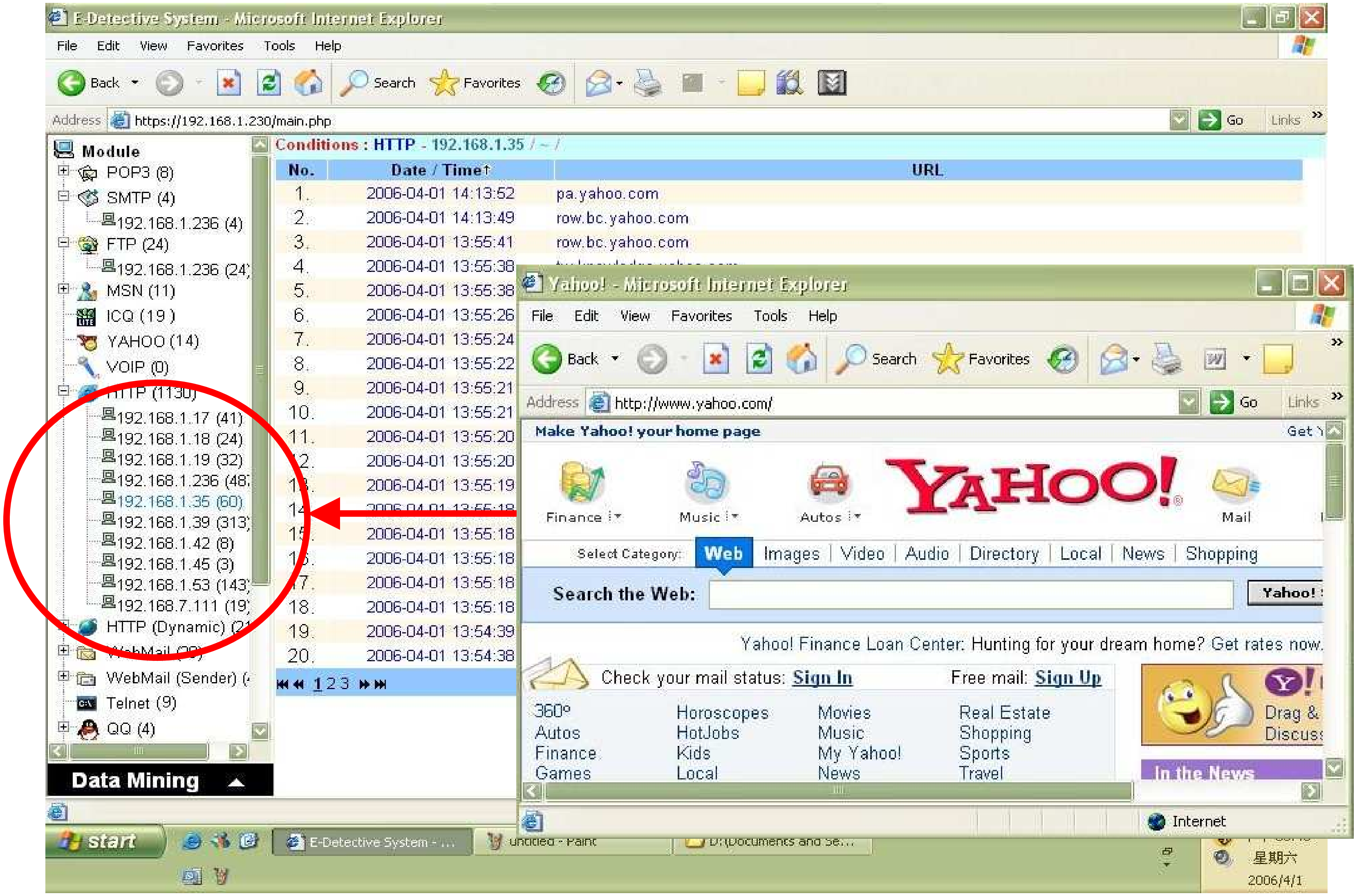
```
lnet Server
login:

Login incorrect

login: fran
Password:
Last login: Fri Mar 24 14:14:04 on tts/49
;1[f
```

Applet TelnetPlayerApplet started

URL Borrowing Log



E-Detective System - Microsoft Internet Explorer

Address https://192.168.1.230/main.php

Conditions : HTTP - 192.168.1.35 / ~ /

No.	Date / Time↑	URL
1.	2006-04-01 14:13:52	pa.yahoo.com
2.	2006-04-01 14:13:49	row.bc.yahoo.com
3.	2006-04-01 13:55:41	row.bc.yahoo.com
4.	2006-04-01 13:55:38	tw.knowledge.yahoo.com
5.	2006-04-01 13:55:38	
6.	2006-04-01 13:55:26	
7.	2006-04-01 13:55:24	
8.	2006-04-01 13:55:22	
9.	2006-04-01 13:55:21	
10.	2006-04-01 13:55:21	
11.	2006-04-01 13:55:20	
12.	2006-04-01 13:55:20	
13.	2006-04-01 13:55:19	
14.	2006-04-01 13:55:18	
15.	2006-04-01 13:55:18	
16.	2006-04-01 13:55:18	
17.	2006-04-01 13:55:18	
18.	2006-04-01 13:55:18	
19.	2006-04-01 13:54:39	
20.	2006-04-01 13:54:38	

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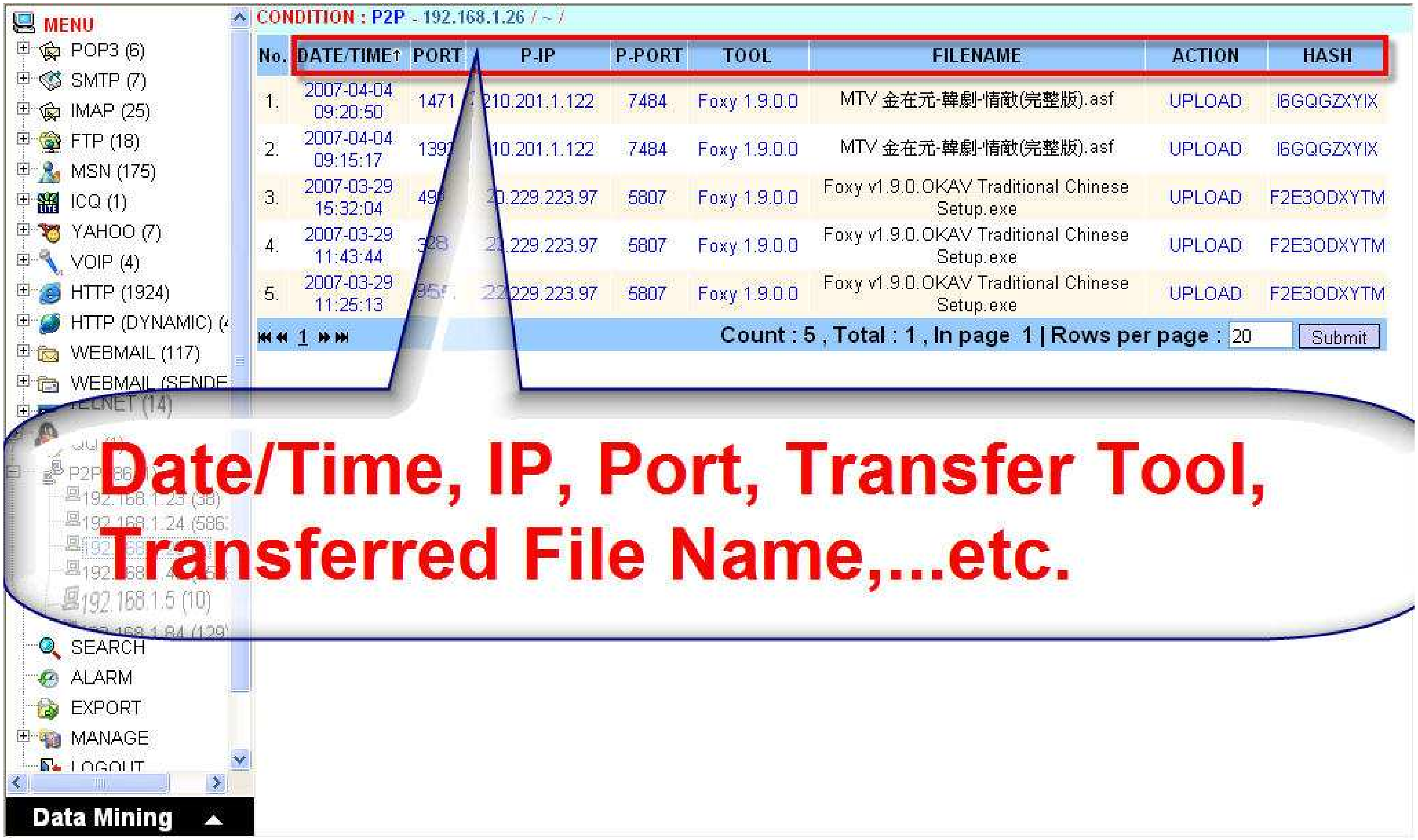
Yahoo! - Microsoft Internet Explorer

Address http://www.yahoo.com/

P2P Communications Log



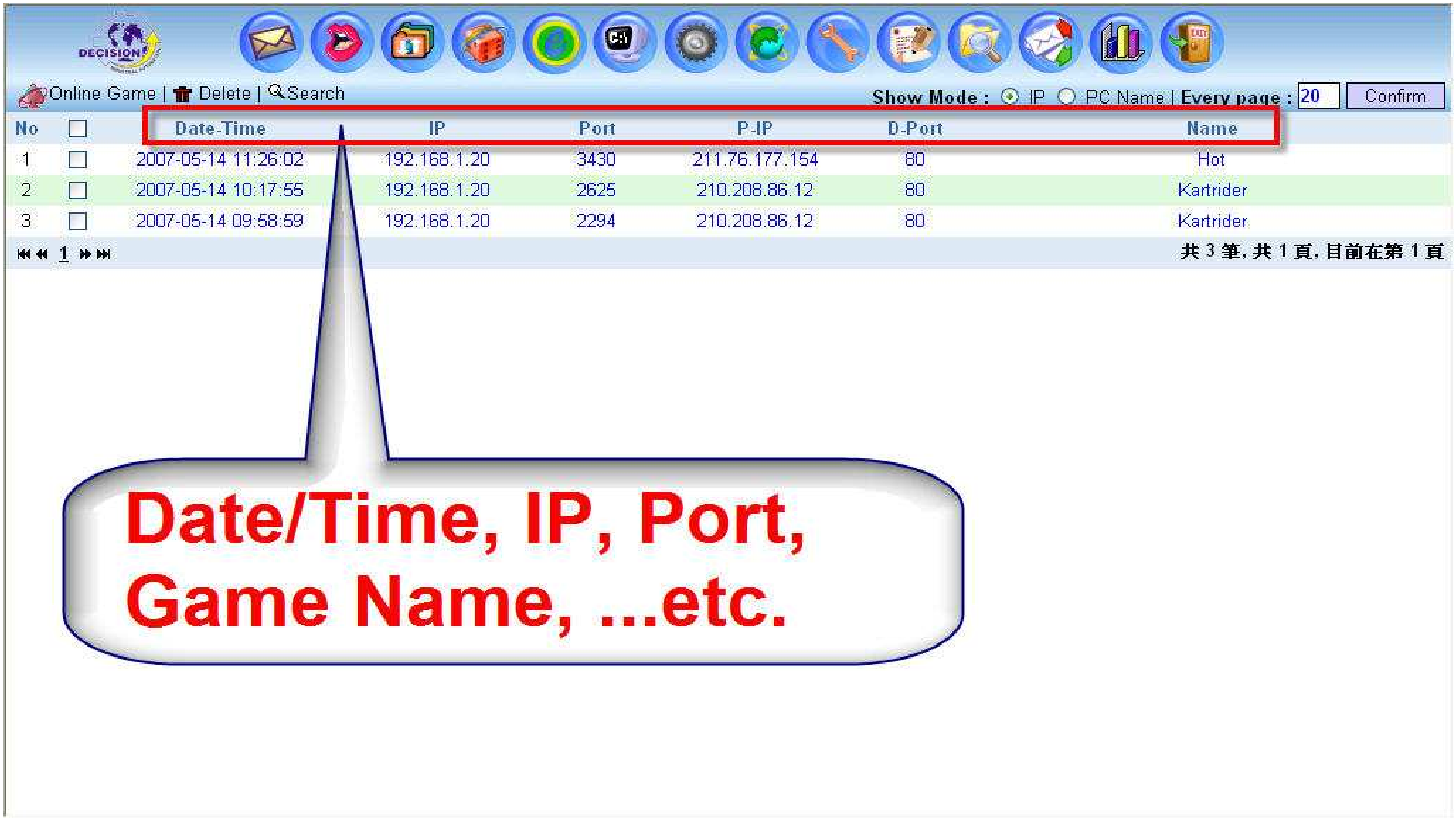
CONDITION : P2P - 192.168.1.26 / ~ /

No.	DATE/TIME↑	PORT	P-IP	P-PORT	TOOL	FILENAME	ACTION	HASH
1.	2007-04-04 09:20:50	1471	210.201.1.122	7484	Foxy 1.9.0.0	MTV 金在元-韓劇-情敵(完整版).asf	UPLOAD	I6GQGZXYIX
2.	2007-04-04 09:15:17	1392	10.201.1.122	7484	Foxy 1.9.0.0	MTV 金在元-韓劇-情敵(完整版).asf	UPLOAD	I6GQGZXYIX
3.	2007-03-29 15:32:04	49	20.229.223.97	5807	Foxy 1.9.0.0	Foxy v1.9.0.OKAV Traditional Chinese Setup.exe	UPLOAD	F2E3ODXYTM
4.	2007-03-29 11:43:44	328	22.229.223.97	5807	Foxy 1.9.0.0	Foxy v1.9.0.OKAV Traditional Chinese Setup.exe	UPLOAD	F2E3ODXYTM
5.	2007-03-29 11:25:13	955	22.229.223.97	5807	Foxy 1.9.0.0	Foxy v1.9.0.OKAV Traditional Chinese Setup.exe	UPLOAD	F2E3ODXYTM

⏮ ⏪ 1 ⏩ ⏭ Count : 5 , Total : 1 , In page 1 | Rows per page : 20 Submit

Date/Time, IP, Port, Transfer Tool, Transferred File Name,...etc.

Online Game Log



Online Game | Delete | Search

Show Mode : ◉ IP ○ PC Name | Every page : 20 Confirm

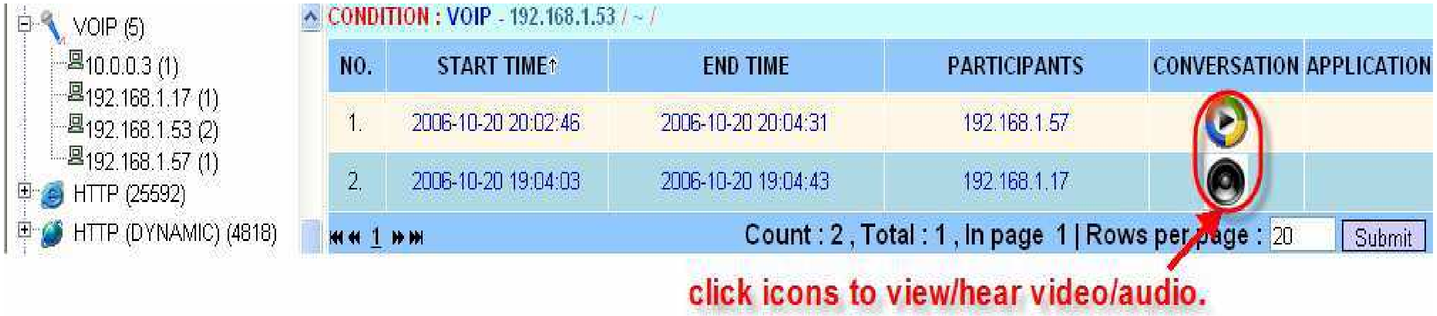
No	□	Date-Time	IP	Port	P-IP	D-Port	Name
1	□	2007-05-14 11:26:02	192.168.1.20	3430	211.76.177.154	80	Hot
2	□	2007-05-14 10:17:55	192.168.1.20	2625	210.208.86.12	80	Kartrider
3	□	2007-05-14 09:58:59	192.168.1.20	2294	210.208.86.12	80	Kartrider

⏮ ⏪ 1 ⏩ ⏭

共 3 筆, 共 1 頁, 目前在第 1 頁

Date/Time, IP, Port, Game Name, ...etc.

VOIP and Web Cam Log

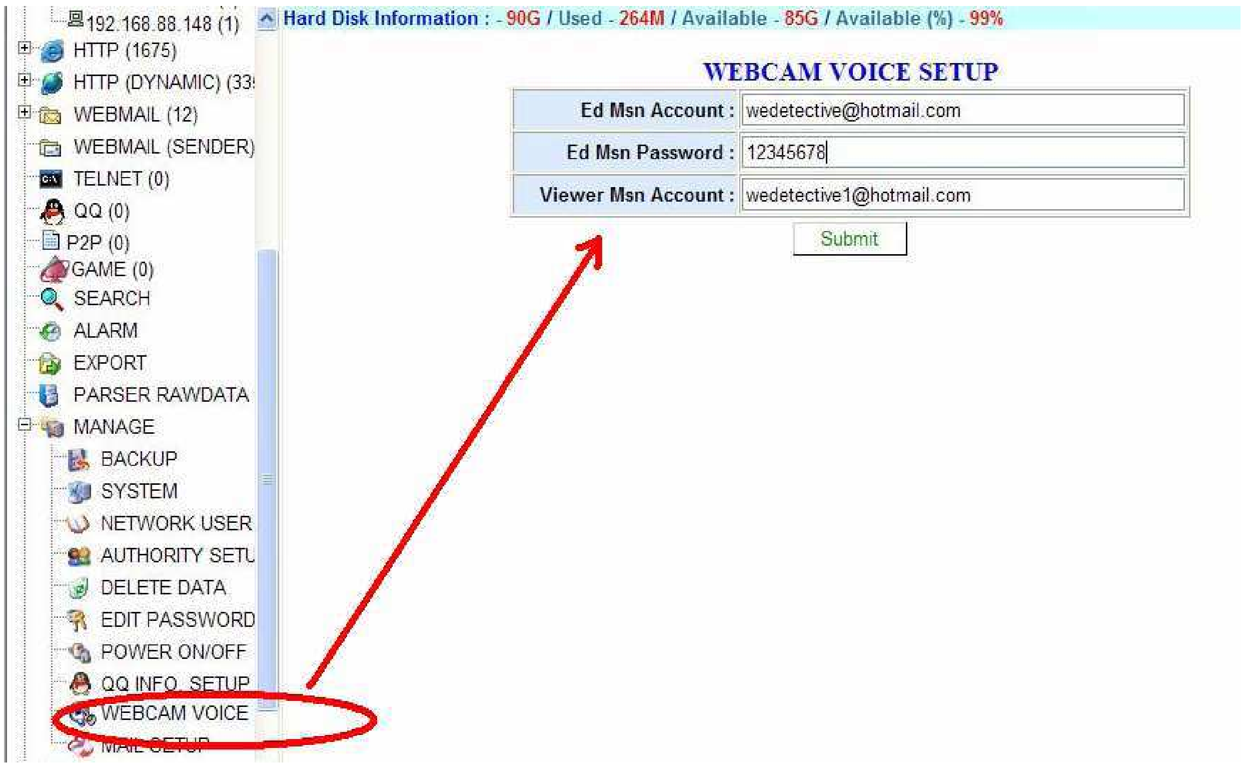


CONDITION : VOIP - 192.168.1.53 / ~ /

NO.	START TIME↑	END TIME	PARTICIPANTS	CONVERSATION	APPLICATION
1.	2006-10-20 20:02:46	2006-10-20 20:04:31	192.168.1.57	▶	
2.	2006-10-20 19:04:03	2006-10-20 19:04:43	192.168.1.17	🔊	

⏮ ⏪ 1 ⏩ ⏭ Count : 2 , Total : 1 , In page 1 | Rows per page : 20 [Submit]

click icons to view/hear video/audio.



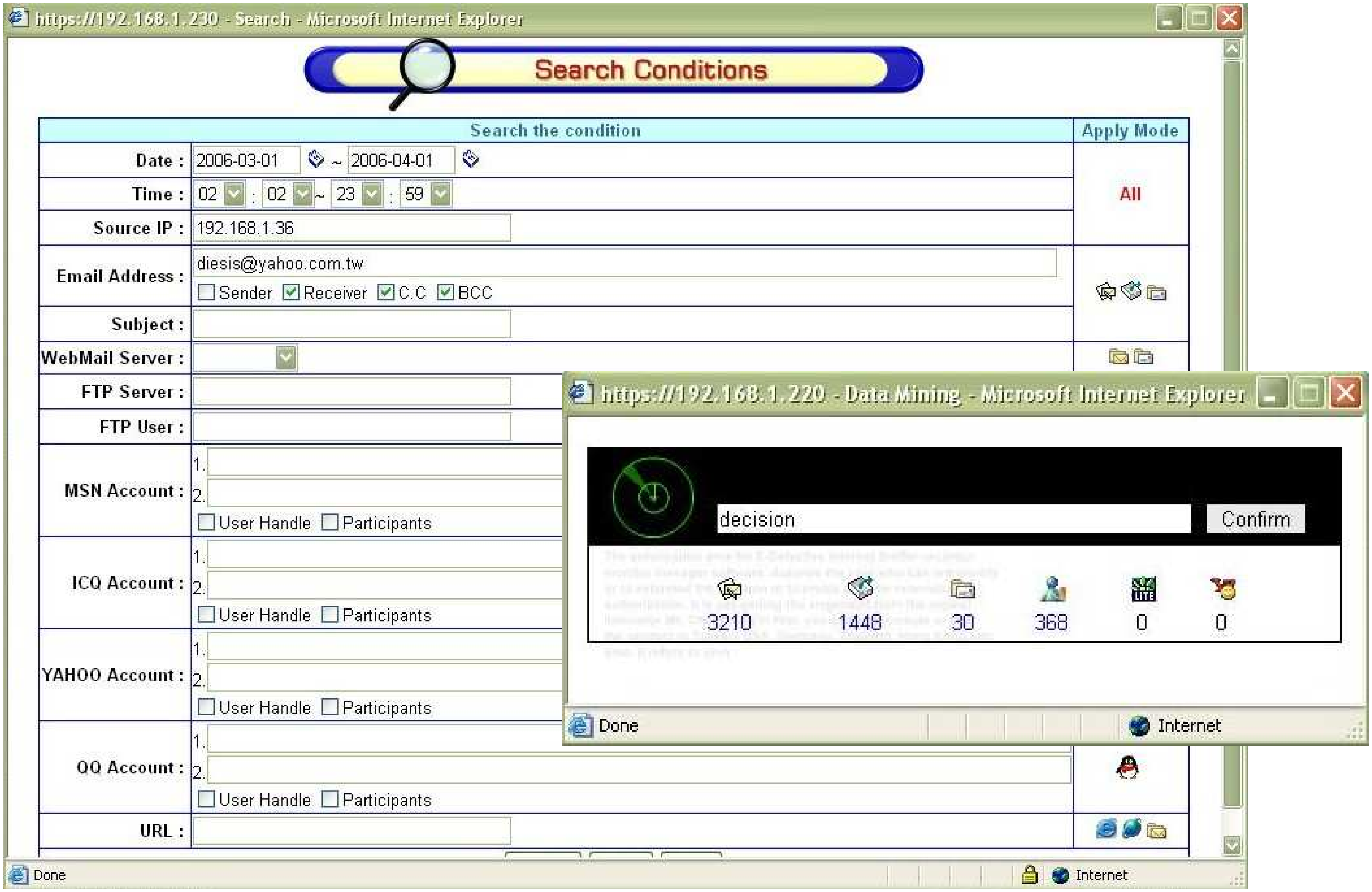
Hard Disk Information : - 90G / Used - 264M / Available - 85G / Available (%) - 99%

WEBCAM VOICE SETUP

Ed Msn Account :	wedetective@hotmail.com
Ed Msn Password :	12345678
Viewer Msn Account :	wedetective1@hotmail.com

[Submit]

Search and Data Mining



https://192.168.1.230 - Search - Microsoft Internet Explorer

	Search the condition	Apply Mode
Date :	2006-03-01 ~ 2006-04-01	All
Time :	02 : 02 ~ 23 : 59	
Source IP :	192.168.1.36	
Email Address :	diesis@yahoo.com.tw □ Sender ☑ Receiver ☑ C.C ☑ BCC	
Subject :		
WebMail Server :		
FTP Server :		
FTP User :		
MSN Account :	1. 2. □ User Handle □ Participants	
ICQ Account :	1. 2. □ User Handle □ Participants	
YAHOO Account :	1. 2. □ User Handle □ Participants	
QQ Account :	1. 2. □ User Handle □ Participants	
URL :		

Done Internet

https://192.168.1.220 - Data Mining - Microsoft Internet Explorer

decision Confirm

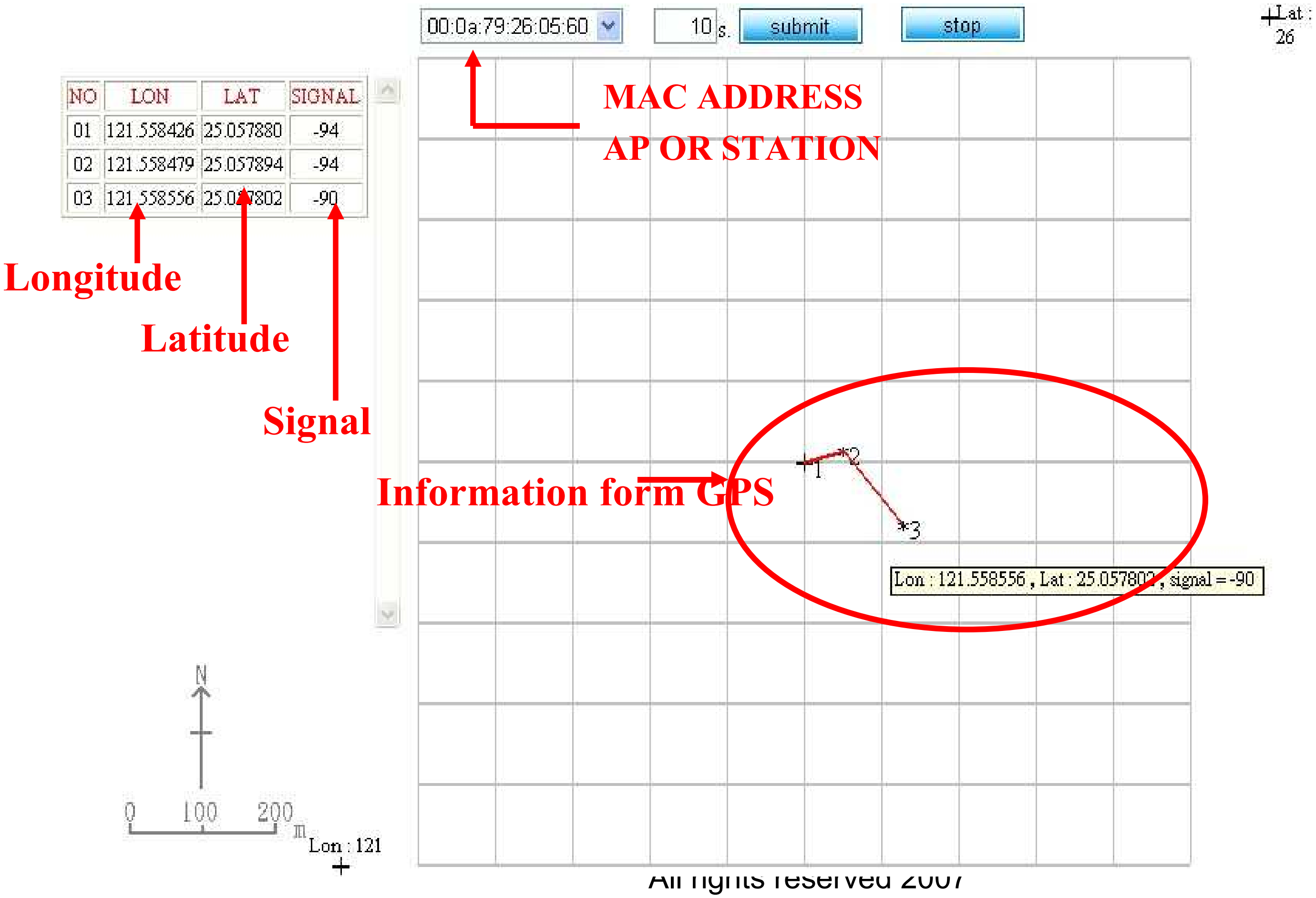
3210 1448 30 368 0 0

Done Internet

All rights reserved 2007

GPS Orientation

E-Detective may work with a GPS (Global Positioning System) kit to locate the geographic longitude and latitude, and measure the signal of APs or STAs.



00:0a:79:26:05:60

10 s.

NO	LON	LAT	SIGNAL
01	121.558426	25.057880	-94
02	121.558479	25.057894	-94
03	121.558556	25.057802	-90

Lon : 121.558556 , Lat : 25.057802, signal = -90

MAC ADDRESS
AP OR STATION

Longitude

Latitude

Signal

Information form GPS

Information of detectable Wireless LAN AP includes

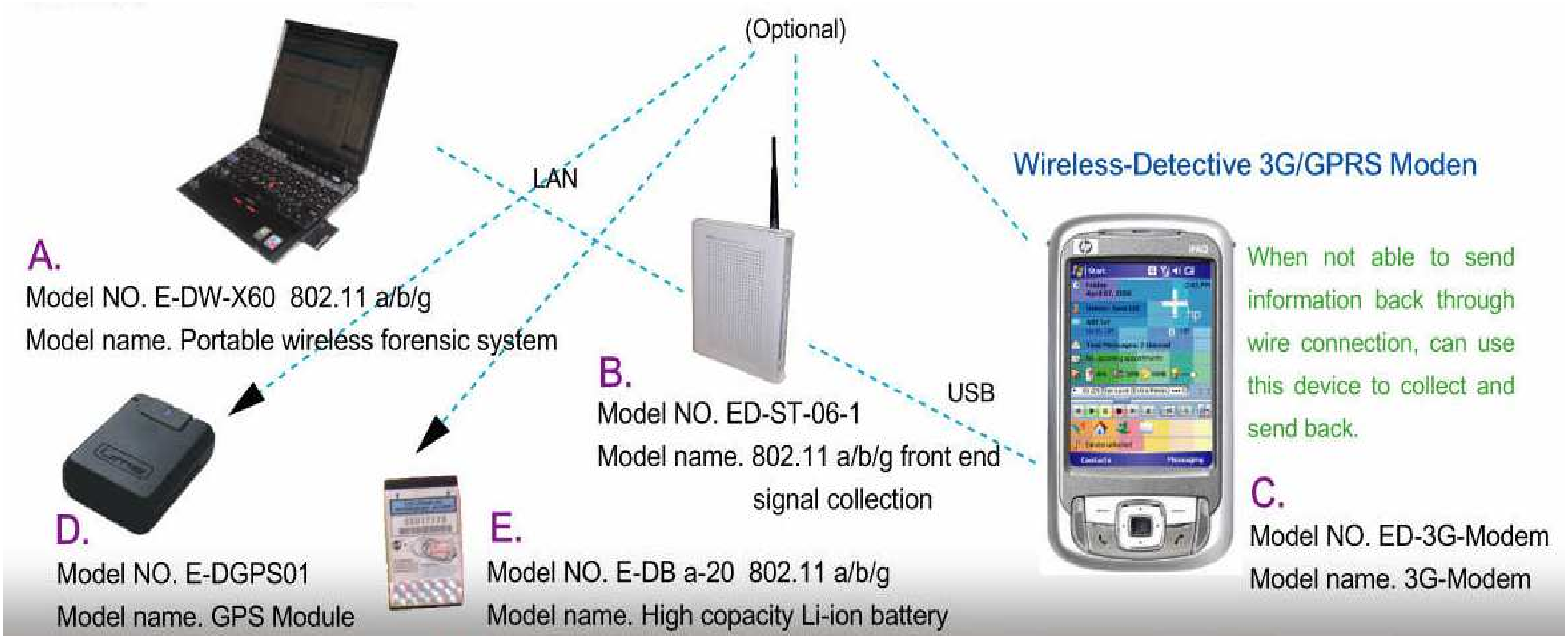
- BBSID of AP (MAC address)
- Channel
- Number of STAs
- Encrypted packets and status
- Data packets
- Additional information of AP
  (Example, manufacturer of AP, AP IC)
- Noise level and signal level
- SSID or ESSID
- Type of Wireless LAN: Probe Ad-hoc or Infra
- Amount of transferring Wireless LAN packets
- …Etc

Information of detectable Wireless Station (STA) includes

- Number of encrypted packets through STA
- Non-encrypted packets through STA
- IP Address and MAC address of STA
- Manufacturer of each STA (the one has been authenticated)
- The highest transferring rate of STA
- Noise level and signal level of STA
- Type of STA (Established, To-DS or From-DS)
- …Etc.

Wireless E-Detective Models

We offer various models and options to meet different operational requirements



Wireless-Detective 3G/GPRS Moden

A.
Model NO. E-DW-X60 802.11 a/b/g
Model name. Portable wireless forensic system

B.
Model NO. ED-ST-06-1
Model name. 802.11 a/b/g front end signal collection

When not able to send information back through wire connection, can use this device to collect and send back.

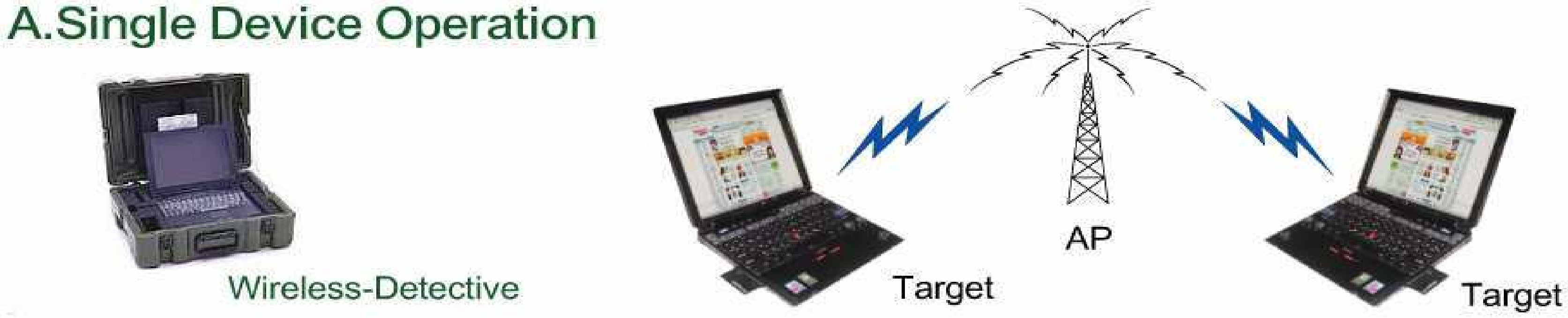
C.
Model NO. ED-3G-Modem
Model name. 3G-Modem

D.
Model NO. E-DGPS01
Model name. GPS Module

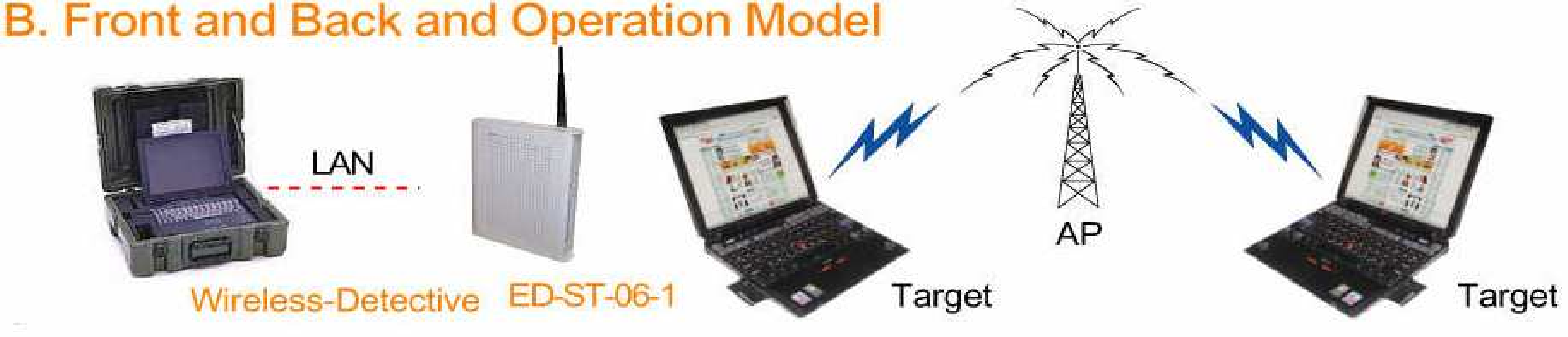
E.
Model NO. E-DB a-20 802.11 a/b/g
Model name. High copacity Li-ion battery

Wireless E-Detective Models Application

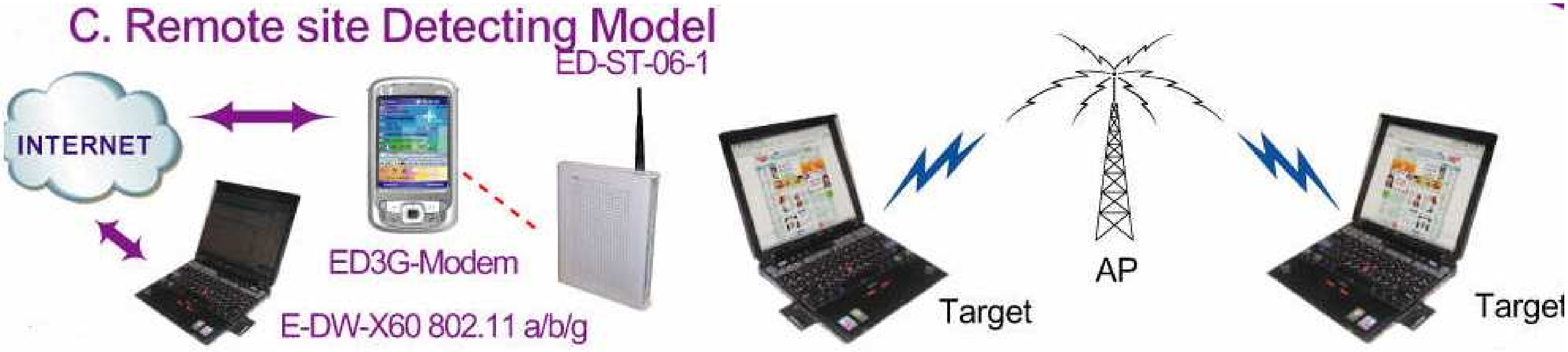
A.Single Device Operation



B. Front and Back and Operation Model



C. Remote site Detecting Model



Application Sample

Taiwan Police used Wireless E-Detective to crack down network fraud

- The Network Auction Fraud in Taiwan converted to a wireless pattern since 2003, and network fraud has not been easy to be cracked by police, until the XX Police Bureau, for the first time in Taiwanese Police Authority's history, to adopt a brand new technique innovated by Decision-Computer International Co., Ltd., to successfully arrest the suspect.

- The 3X years old suspect with last name called Chen lived in XX city who used wireless Internet accesses to avoid the police from tracing him, was a typical cheater of cyber auction. He thought he could hide himself behind the curtain of wireless network, but he never imagined that Decision Computer Co., had invented a high technology weapon call "Wireless Detective".

- If you like to know details of this news, please refer to the report of United Daily News of Taiwan on 18th, July, 2006, by reporter Miss Yee Shaen Lu. Instance illustration demonstration

Frequently Asked Questions (1)

1. **What is Wireless E-Detective system?**

   Wireless E-Detective is an Internet Surveillance and Wireless LAN forensic device which sniff wireless packets (802.11a/b/g) standard from the air and construct a real time decoding or reconstruction of the packets to original data or content.

2. **Who need Wireless E-Detective system?**

   Legal Interception bodies, Government, Police, Military, Private Investigation etc. Event ISP which deploy WLAN can use this tool as a WLAN vulnerability accessment tool.

3. **Is Wireless E-Detective system a software or an appliance?**

   Wireless E-Detective system is an appliance (Software loaded into customized IBM notebook).

4. **What Operating System E-Detective system used?**

   Wireless E-Detective system uses customized Debian (Linux OS).

Frequently Asked Questions (2)

5. **What is the coverage range that Wireless E-Detective can sniff and capture the wireless packets?**

   Wireless E-Detective sniffs and captures effective wireless packets within the range of 0-20 meters for indoor (due to walls, furniture etc blockage), 0-100 meters for outdoor (with line of sight). However, if a high gain directional antenna is used, Wireless E-Detective can cover a wider area.

6. **Can Wireless E-Detective system determines the direction of the targeted user (STA) or AP?**

   Yes, with the use of an external directional antenna, Wireless E-Detective can be used to estimate the direction of the targeted user (STA) or AP. With the use of external directional antenna, the direction with the strongest signal strength can be approximated as the directional of targeted STA or AP.

7. **Can Wireless E-Detective system determines the location of the targeted user (STA) or AP?**

   External directional antenna can approximate the direction of the STA/AP with certain degree of error. The error can be reduced with more Wireless E-Detective systems use in different location to determine the direction of the targeted STA/AP. By utilizing the signal strength methodology, Wireless E-Detective system can be used to estimate how far the targeted STA/AP is from it. Therefore, combining these two parameters, it will be possible to estimate the location of the STA/AP but with certain degree of error.

Frequently Asked Questions (3)

8. How many wireless networks can be captured by Wireless E-Detective system?

   Wireless E-Detective can capture wireless packets from AP or from Wireless STA. Wireless E-Detective can identify a specific AP or STA in order to start the capturing process. However, Wireless E-Detective can also capture all Wireless AP/STA from a single channel. For instant, Wireless E-Detective can capture all Wireless AP/STA utilizing channel 1 at one time. For capturing of more than 1 channel at one time, more Wireless E-Detective system will be needed.

9. Why there is nothing appeared on the menu although packet capturing has already been started and the number of bytes captured is accumulating?

   Ensure that Tomcat and Openraw services have been started. Besides, make sure that the signal strength of the targeted (captured) AP or STA is more than 20. If the signal strength value is lower than that, the possibility of missing/loss wireless packets is high. With not completed packet, Wireless E-Detective will not be able to reconstruct the full contents.

Frequently Asked Questions (4)

10. **How long does Wireless E-Detective takes to crack WEP key?**

    Capturing of Wireless packets depends on the wireless network activity (active or non-active). Cracking of WEP key depends on the number of effective packets (IVs) captured.

    For 64-bit WEP key, Wireless E-Detective normally takes 30-45 minutes (for active network) to capture enough packets (40,000) and decrypt it in less than 5 minutes.

    For 128-bit WEP key, Wireless E-Detective normally takes 1.5-2.0 hours (for active network) to capture enough packets (200,000) and decrypt in less than 5 minutes.

    Note: The times to capture and decrypt can vary based on Wireless network condition.

11. **Can Wireless E-Detective crack WPA key?**

    This is a customizable option by our R&D team based on customer requirement and commitment. WPA has been created due to the lack of security for WEP. Therefore, the challenge to crack WPA key is very high. Currently, the only method for WPA key decryption is brute force (dictionary attack/password list attack) method where the successfully rate is very low.

12. **Can Wireless E-Detective be customized to meet customer requirement?**

    Yes, our R&D team can study the requirement by users and customize base on user's requirement. The customizable options include add in additional functions and features, interfaces etc.

Frequently Asked Questions (5)

13. **Can E-Detective system filter MAC and IP address?**

    Yes, Wireless E-Detective comes with the filtering function: In Time Condition Filtering and Dump Filter Condition. It can set the condition to capture MAC, IP addresses predefined. For more details, please refer to Wireless E-Detective user manual.

14. **Why is Wireless E-Detective system is superior than other freeware or software products?**

    Wireless E-Detective system consists of software and hardware (appliance in term of IBM laptop) which is small in size and light to carry. Wireless E-Detective comes with complete equipment (with additional PCMCIA Wireless Card and USB GPS receiver) for Wireless LAN forensic usage and the GUI is user friendly. The Wireless E-Detective system is a total WLAN forensic solutions that is capable to do capturing/sniffing of wireless packets (802.11a/b/g), decrypting of encrypted wireless network (WEP), decoding/reconstructing of wireless packet raw data into exact format (according to protocols) and content, management functions etc. On the other hand, freeware products only can do certain functionality without full features, and likely not user friendly (user need to have some knowledge of the software system for installation and configuration). Other paid software products also are not user friendly (need user to have some knowledge of the system for installation and configuration) and come with uncomplete features. Furthermore, there are already many Government and Forensic Departments that have used Wireless E-Detective in their operation.

Thank You

E-DETECTIVE®