IP <u>Tr@pper</u> ISS Dubai 2007 🕒

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Operational Requirements ()

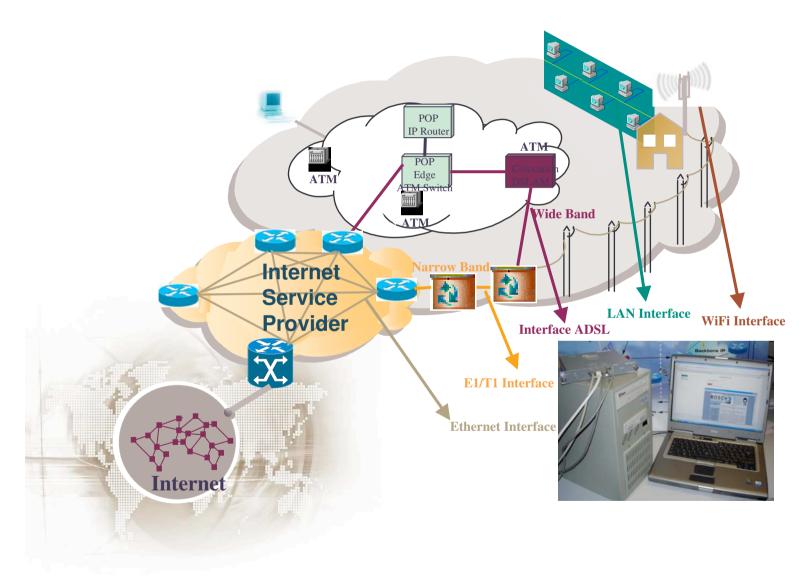
- Autonomous facility for IP Monitoring :
 - Traffic Analysis
 - (Intranet)
 - for Internet (Internet access point)
 - among mail servers
 - for dedicated line as "Internet Cafés"
 - for Wireless connection as WIFI
- Proposed Interfaces
 - LAN: Ethernet 10/100/1G
 - ADSL
 - WIFI
 - ATM
 - (WiMax)



IP Monitoring Access point (+)





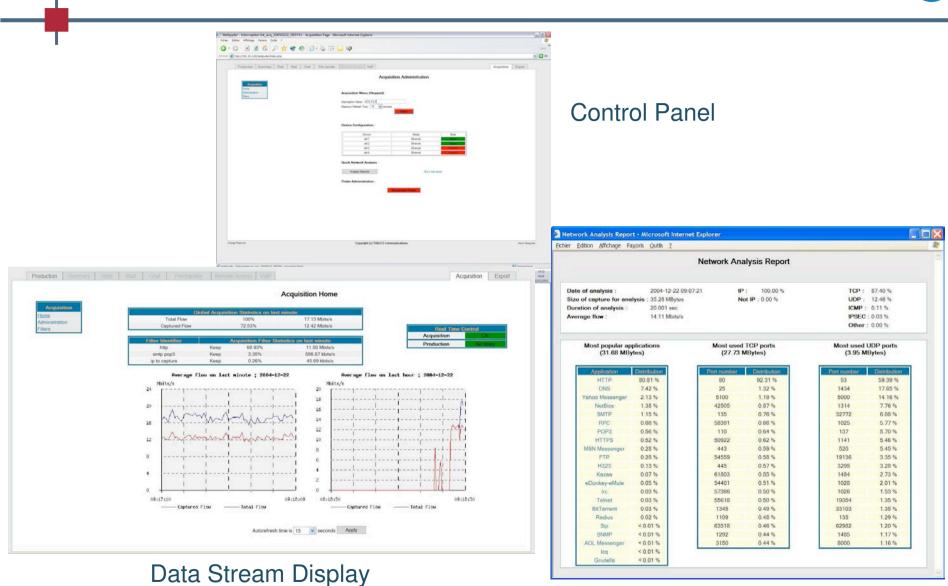




Functions (

Passive monitoring through capture Tap equipment TR@PPER ■ Real Time Filtering on port Front filter Nb, protocols, IP @ range Possibility to import IP traffic Int / ext Secured Stockage of all <u>Д</u> monitored Data storage Automatic detection and decoding: web, mail, VoIP, data Local or remote operation exploitation Operation filtering Text mining Optional **Optional** ■ Link analysis **Toolkit** Encryption detection & information

Traffic Analysis and Acquisition Control

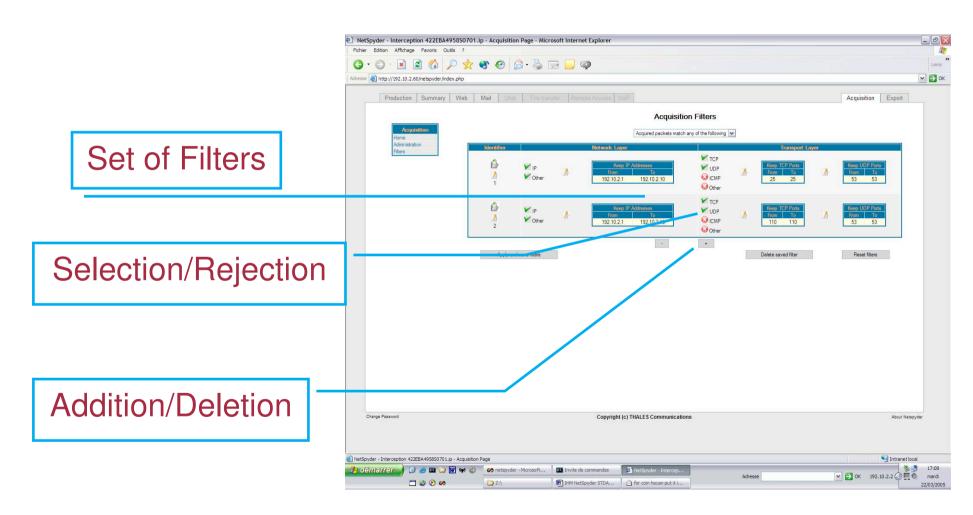


Protocol used





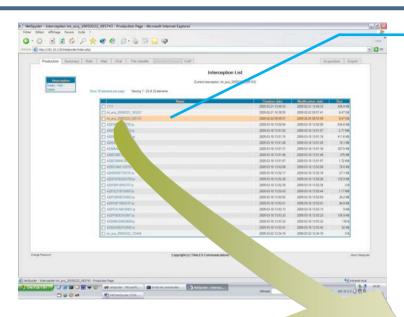






IP Acquisition list: IP Application Summary

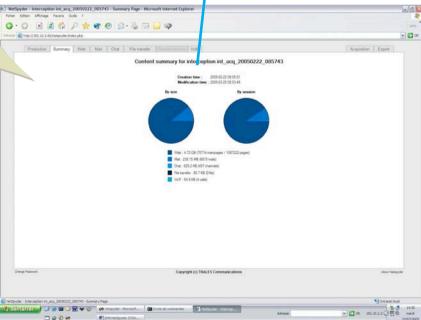




File Selection

Automatic Application Display

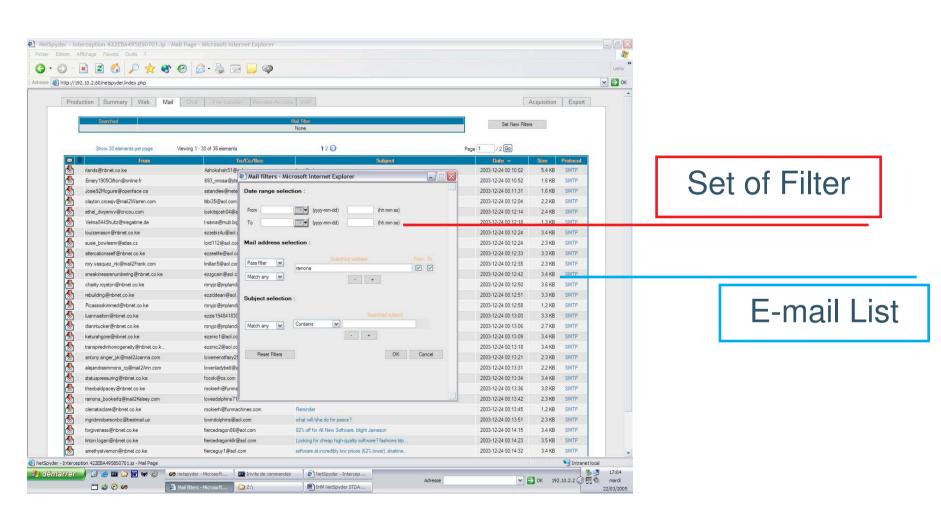
- Automatic Processing
- Automatic display of Identified Data as: web, mail, VoIP, chat, ftp
- Front filtering
- Back filtering
- Remote control
- Data importation or exportation available (pcap format...)











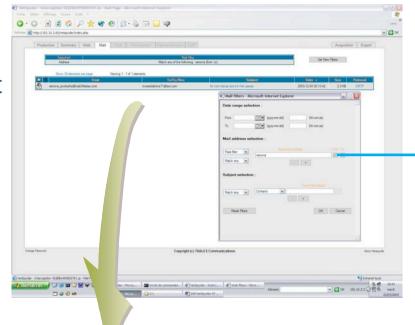


Operation : e-mail 😉



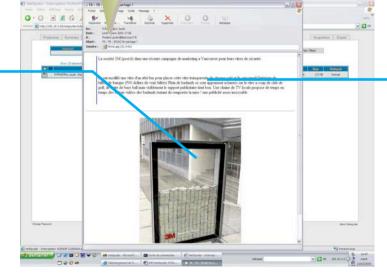


Mail Filtering Result



Operation Filter

Attached File



Mail Content

Mail Display

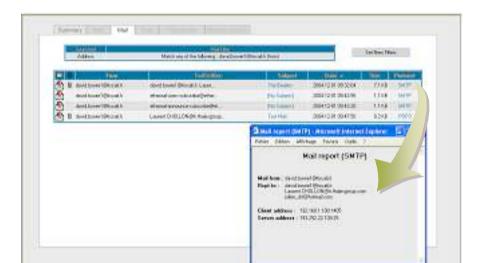


IP Operating Tools : Mail Reports 🕒

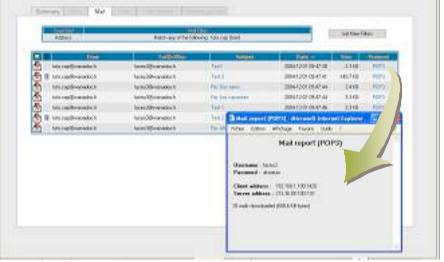




SMTP Report



POP 3 Report

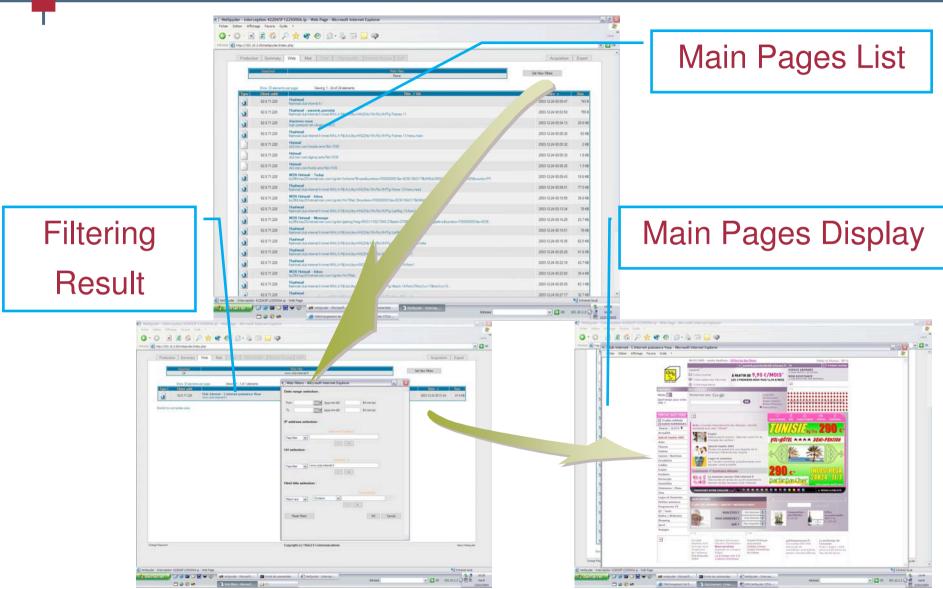




IP Operation Tools : Web





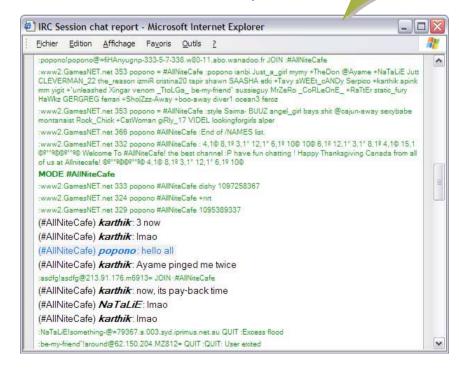


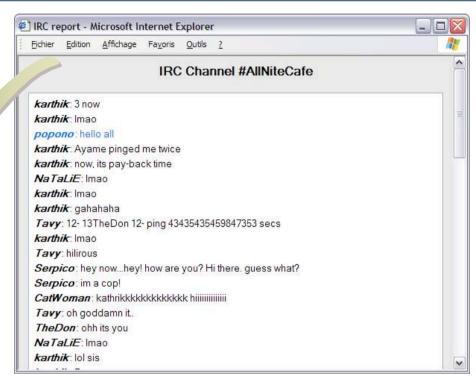


IP Operating Tools : Chat







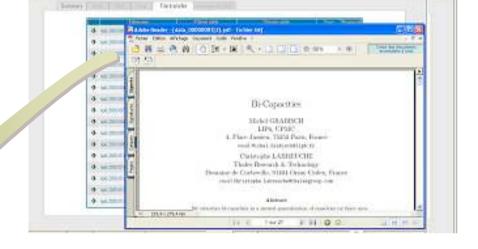




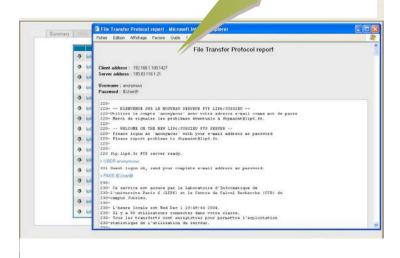
IP Operating Tools : File Transfer







FTP Report

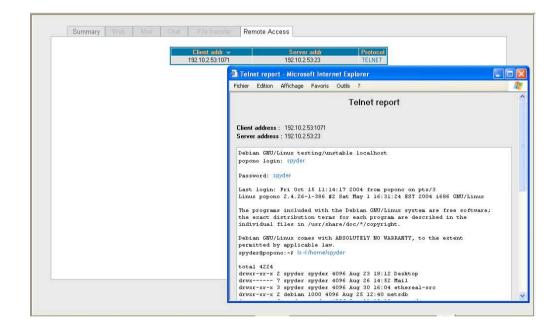








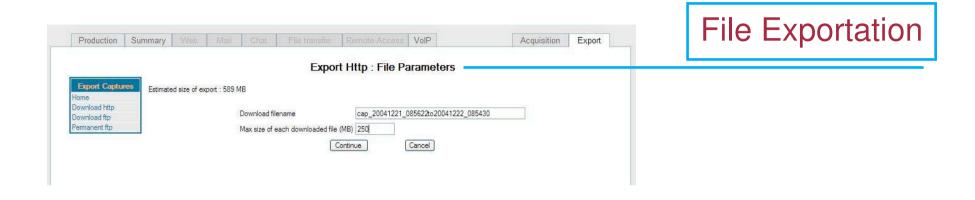












File Importation

Export with http: File creation and Download

Export with http: File creation and Download

Export with http: File creation and Download

Export of selected capture from 2004-12-21 09:56:22 to 2004-12-22 09:54:30

File (1) from 2004-12-21 09:56:22 to 2004-12-21 09:56:45

Download ftp

Permanent ftp:

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