



amesys

SMINT – TACTICAL INTERCEPTION BASED ON EAGLE CORE TECHNOLOGY



MAIN FEATURES

THE EAGLE CORE TECHNOLOGY INTEGRATED IN A TRANSPORTABLE RUGGED COMPUTER FOR TACTICAL OPERATIONS

SMINT is a tactical system designed to record, store, analyze and display in real time information. This system is able to monitor a wide range of protocols, including mail, voice over IP (VoIP), webmail, chat, web browsing ...

- Pluggable directly on IP network with appropriate TAP
- Can be combined with ADSL or WiFi or Satellite sensors.
- Can analyze the content of network capture files (pcap files)
- Storage designed to record days of traffic.
- Able to analyze up to 10 Mbps full-duplex of incoming traffic in real time.
- Able to analyze E1 based link with specific captor.
- Ideal for operators or investigations that need a close surveillance of your suspects.
- Possibility to have multiple operators working on the same central device through highly secured connection.

GENERAL USE

SMINT can be plugged in the mirrored port of a switch or in an optical tap for example. Once plugged, the system records the IP traffic (with a data rate up to 10 Mbps), classifies and stores it in an ORACLE database.

The core technology in the **SMINT** system is able to recognize many IP network protocols and also the information of E1 Links. All network protocols are recognized through advanced techniques based on protocol syntax analysis, called **Deep Packet Inspection**, whereas competitive products do it through network port identification that can easily be misled.

The analyzing processes of **SMINT** are working on the most common used protocols: mail (SMTP, POP3, IMAP), Webmail transactions (hotmail, yahoo mail, gmail, ...) Voice over IP Conversations (RTP, SIP, H323, ...) Chat sessions (MSN, Yahoo!, AIM, ...), Peer to Peer file exchange, Web browsing, ...

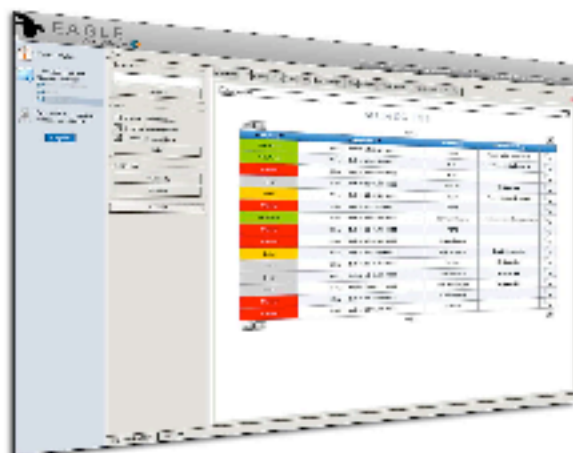
At any time, the end user can request the entire database in real time with an unlimited number of keyword, with an email address (sender or receiver), with phone numbers, with the type or name of attached files or with the caller or callee name in audio conversations.

SENSORS AVAILABLE

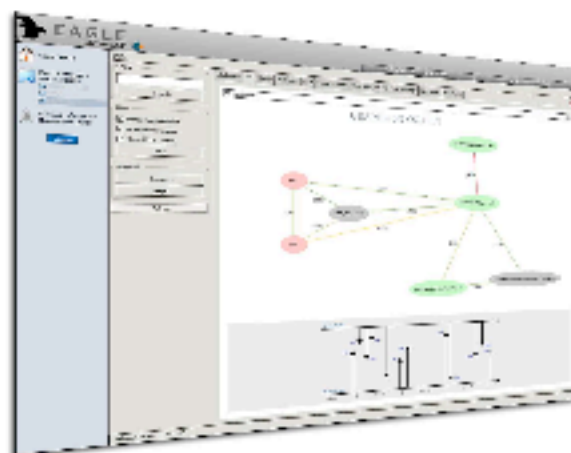
SMINT is the perfect answer for **tactical operations**. It can natively be plugged on any E1 or IP network, but it can also be used in combination with Satellite sensors, ADSL tap or even WiFi probes provided by Amesys. For example, with the WiFi probe, you will be able to select a specific access point (Open, WEP encrypted or WPA encrypted) and then have access to all communications going through this access point.

A WIDE RANGE OF DECODED PROTOCOLS

With the **SMINT** system, the investigator is able to access to the information in its original form. This feature is available for all the protocols recognized by the system – VoIP conversations (including proprietary codecs like ISAC), Chat conversation, Web browsing, Emails ...



The Graphical User Interface



A representation of Social Network

AN EXTENDED AND MULTILINGUAL SEARCH ENGINE

Thanks to the ORACLE database indexation and to the intelligent search engine, **SMINT** will return **valuable data** to each keyword request. **SMINT** is built on a cross search engine which gives always **appropriate and relevant results**. This research can be done in many different languages (English, French, German, Arabic, Russian ...)

TECHNICAL DETAILS

Linux based architecture	Processing based on virtual machine architecture
Dual quad-core processor	Possibility to replay recorded capture
16GB of RAM (DDR2 ECC)	Accept remote secure connections for multiple investigators
Two 500 GB Hard disks	Social Network automatic representation
Optional 500GB Removable Hard Disk	

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