Lawful Interception System

ND-IM007

The ND-IM007 is developed for law enforcement authorities to monitor the telecom networks in definite period for purpose of crime investigation by warrant order from court according to law.

The system consists of the following modules:

- iMediator - for lawful interception operation as mediation platform
- iMonitor - for warrant administration process to TSP network center and monitoring system in LEA Monitoring Center
- EDDM - for lawful interception operation as content reconstruction
- iMedia Gateway - for lawful interception operation on circuit switch
- HTTPS-Interceptor - 2 types of HTTPS Interception Solution for LAN (forward proxy) and Telecom networks

Main Features

- Full spectrum of product portfolio from Mediation Device to LEMF
- For lawful interception on both fixed and mobile networks
- Compliance with ETSI and 3GPP standards
- Getting target IRI and CC data from Telecom and Internet service providers
- Decoding 140+ protocols as well as 40 mobile protocols
- Handling HTTPS intercept and decoding
- Data retention capability for long term tracking and reporting
- Easy to deploy and manage with high security

AMS
apollo microsystems

Application:
Wi-Fi & Lawful Interception System

Lawful Interception System

Appliance based	Yes (user could only purchase the software and install the software on his own dedicated server)
Hardware-rackmounted server type (1U, 2U etc.)	Scalable, flexibles and customized hardware
Target network level and scale	Scalable - from small IP networks up to telco distributed network infrastructure in pop communication center
Ethernet and LAN Internet content monitoring real-time capturing	Real-time capturing and reconstruction
Mode of operation	Proxy Mode (P model) Router Mode (M-model) Implementation.
Network interface-management and capture	Ethernet 10/100/1000Mbps by default Network connection can be converted to fiber optic by external connector
Data packet intake capacity	Up to 1.2 Gbps
Raw data parsing throughput	Up to 200 Mbps
Access GUI	Web Access GUI-IE
Storage size	Scalable for demand
NIC port	3-1 for management, 2 for interception

Internet Protocols Supported-Decode and Reconstruction on Https/Ssl Part

Webmail	Yahoo Mail, Gmail, Windows Live Hotmail, Hinet, Hotmail Standard, PCHome, URL, Giga, Yam, Seednet, Mail.tom.com, Doxinternational Mail, Gawab, Prodata Mail, Go2canada Mail, REDIFF, Zimbra, Intljob, Mediahub, QQ Mail, Nocglobal, Canu...etc.
Instant Messaging (IM/Chat) -Login Session for Web-based Service	Yahoo Messenger, Windows Live Messenger(MSN), IRC, ICQ, UT Chat Room, Gtalk, Yahoo Web Chat, MSN Web Chat, Skype Voice Call Duration Log
HTTPS	Content reconstructed, upload and download and request
Social network-login session & content	Facebook, Twitter, Plurk, Wretch, Pinterst, QQ Space

Deliverables

iMediator	x 1
iMonitor	x 1
EDDM	x 1
iMedia Gateway	x 1
HTTPS-Interceptor	x 1
User Manual	x 1

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