

i-Mediator System

Sample Hardware-Server Photo (for Illustration Only)



General Function and Specification

Appliance Based	Yes
Hardware - Server Type (Tower or Rackmouted form factor with 1U, 2U etc.)	Scalable and Flexible, Standard Hardware includes HP 380 series, Dell PowerEdge and IBM series etc.
Level and Size of Implementation	Scalable - fullfil X2 provision and X3 data stream from 3G, 4G to ISP Telco Size Network Deployment.
Mode of Operation	Passive and Active Mode of Operation. Also work with network traffic broker for passive operation
Network Interface	Management and data interfaces on X2 and X3 data input, and HI2 and HI3 output
Data Throughput	Up to 500 Mbps
Access GUI	Web Access GUI - IE
Storage Size	Scalable by Requirement

Data Provision and Correlation

Target Type	<ul style="list-style-type: none"> - ISP account/RADIUS - CPE MAC address/RADIUS - IP address - MSISDN/GTP-C
Packet Pre-processing	- GTP-C, GTP-U, RADIUS....
Interception Adaptor	<ul style="list-style-type: none"> - Passive Interception: DG certified IP Probe - Active Interception : L3/L4 switch, B-RAS, SGSN/GGSN, HA/CSN, S-GW...
Data Delivery for LEMF	<ul style="list-style-type: none"> - Proprietary Handover Interface. DG Handover Interface - ETSI TS 102 232-1/3/5 - ETSI ES 201 671

Administrative, Management Functions

User Management	Yes, available. Admin - Group Admin, User, Analyst.
Case Management	Yes. Through HI1 interface
Capacity per 1U server	- Concurrent Target: Max 300 targets - Provision Targets: 5000 targets
High Availability	- Active/ Active - Active/Stand by
Data Export and Backup - Schedule and Manual Capabilities	Yes.
Other Features, Functions and Capabilities	
Others - Features and Functions or Complimentary Solutions	1. HTTPS/SSL Interceptor (Router, Proxy and Offline Mode), 2. E-Detective - Real-time Raw Data (PCAP) File Reconstruction Tool, 3. Wireless-Detective - WLAN Interception and Real-Time Reconstruction System, 4. iMonitor - viewing data record, 5. EDDM - for protocol decoding on data stream from i-Mediator, 6. Data Retention Management System
Target Market	Law Enforcement Agencies (Military, Police, Intelligence, National Security, CID etc.), Telco and ISP