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## E-Detective

### VoIP Detective – VoIP Interception (2010)

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[www.ed-system.sg](http://www.ed-system.sg)

# Introduction to VoIP-Detective

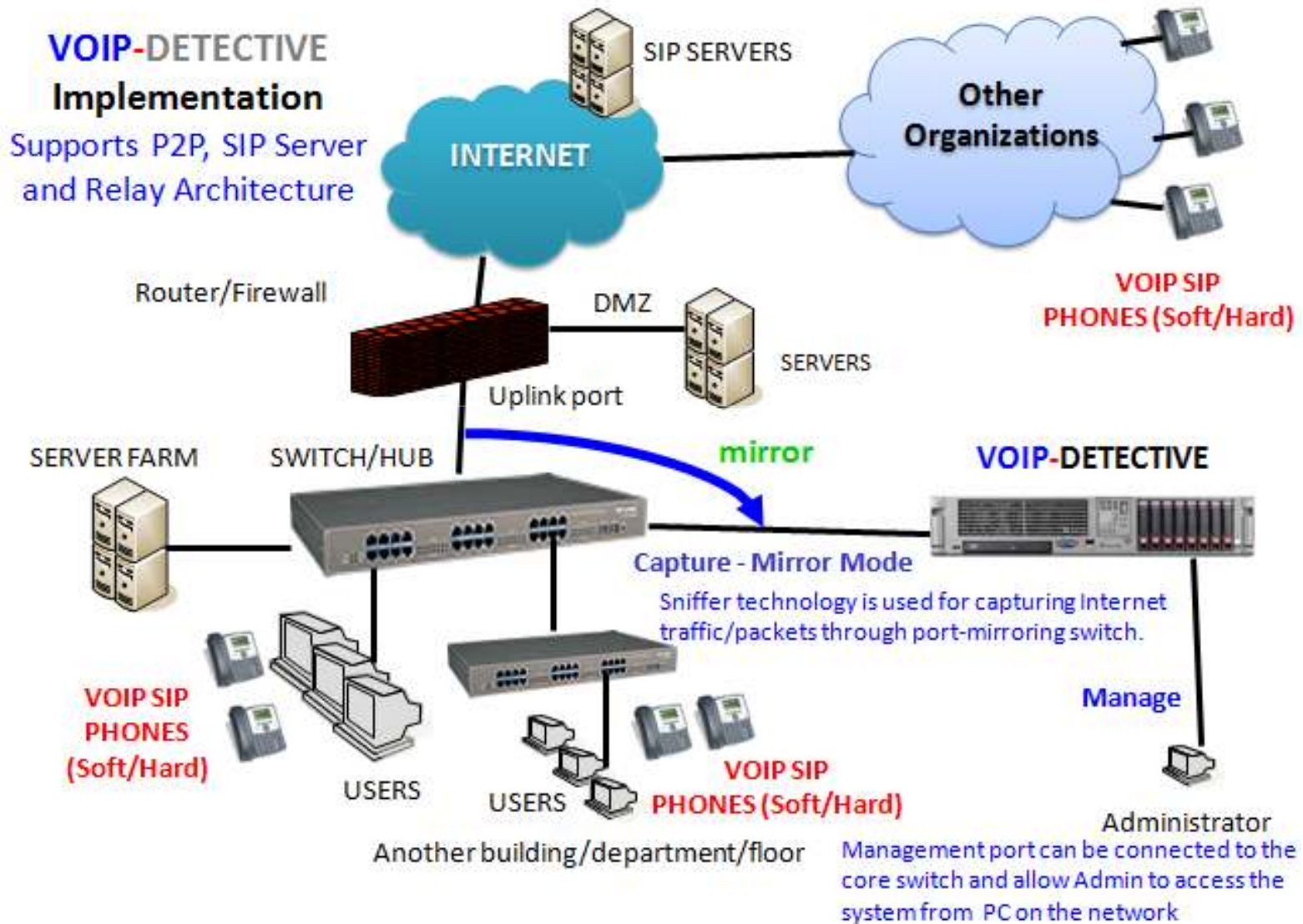


User may opt to purchase the complete Appliance (Hardware + Software) or only purchase Software from us. User may use their own dedicated server for installing the software.

- ❖ Capable to intercept and capture (through Mirror Mode or Tap Deployment), decode and reconstruct VoIP RTP sessions.
- ❖ Supports voice calls of SIP and H.323.
- ❖ Supported CODECS: G.711-a law, G.711-u law, G.729, G.726 and ILBC.
- ❖ Capable to play back the reconstructed VoIP sessions.



# VoIP-Detective Implementation Diagram



# VoIP-Detective: Reconstructed Voice Calls

Date/Time, Account, Caller No, Called No, Mode, Type, CODEC, File Name and Time/Duration



The screenshot shows a web-based interface for VoIP call logs. At the top, there is a toolbar with various icons and a search bar. Below the toolbar is a table with the following columns: NO., Date-Time, Account, Caller, Callee, Mode, Type, Codec, File Name, and Time. The table contains five rows of call records. A red box highlights the header row and the first five rows of data. A red arrow points from the header text above to the 'File Name' column. Another red arrow points from the 'File Name' column to a play button icon overlaid on the table.

NO.	Date-Time	Account	Caller	Callee	Mode	Type	Codec	File Name	Time
1.	2009-03-25 16:39:53	192.168.6.8	8610044407	8610000104	peer to peer	SIP	G723	VOIP_VXdHcR.wav	10 Sec
2.	2009-04-28 11:21:57	192.168.1.132	8610044420	8610044421	peer to peer	SIP	iLBC	VOIP_i9d6zK.wav	58 Sec
3.	2009-04-28 11:12:44	192.168.1.132	8610044420	8610044421	peer to peer	SIP	G729	VOIP_HKr7PR.wav	50 Sec
4.	2009-04-28 11:07:32	192.168.1.132	8610044420	861				VOIP_DN1QFr.wav	1 Min 3 Sec
5.	2009-04-28 11:04:19	192.168.1.132	8610044420	861				VOIP_JKofpk.wav	1 Min 2 Sec

total 5 Total Page 1 Current Page 1

Play back of reconstructed VOIP file

# References – Implementation Sites and Customers

- ❖ Criminal Investigation Bureau
- ❖ The Bureau of Investigation Ministry of Justice
- ❖ National Security Agency (Bureau) in various countries
- ❖ Intelligence Agency in various countries
- ❖ Ministry of Defense in various countries
- ❖ Counter/Anti Terrorism Department
- ❖ National Police, Royal Police in various countries
- ❖ Government Ministries in various countries
- ❖ Federal Investigation Bureau in various countries
- ❖ Telco/Internet Service Provider in various countries
- ❖ Banking and Finance organizations in various countries
- ❖ Others



**Notes: Due to confidentiality of this information, the exact name and countries of the various organizations cannot be revealed.**



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# Thank You !

**Decision Group**

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