

Newsletter 1/07

February 2007

ELAMAN works closely with clients to develop a total system solution to their needs and to ensure that they are equipped, trained and manned to meet the formidable challenges in the field of communication.

Adding new products solutions to our portfolio is an ongoing process. Therefore from now on ELAMAN provides a Newsletter whenever important innovations are coming up.

Kind regards

Your Elaman
Team

GSM Monitoring System Semi Active: Falcon E+ System

The FALCON E+ system is designed and developed as a Semi Active OFF-THE-AIR GSM-Monitoring system. The system provides the option of both stationary and mobile operation. The FALCON E+ system deciphers A5.1 and A5.2 ciphering algorithms online. The system does not require the service provider's SIM for operation because it uses cloning of the target's phone in real time. Therefore, all the calls made by the target are billed into its account.



Mobile Encryption for Secure Communication

The ultimate solution for GSM communications protection. Now available on

new and most attractive devices, it benefits from a new audio solution that ensures complete absence of echo and provides best quality, comparable to that of a traditional phone call.



The device does not require special installation processes or complex settings. Encryption keys are easy to configure directly by the user, thus ensuring total privacy.

Smallest system on the market! Radio Monitoring System: Tracking Device GSM-GPS / Module GSM-A7 Box

The GSM-A7/Box is a GSM audio transmitter with integrated GPS module, motion detector, Lithium Ion accumulator, charging unit and switched output and logging function. It is a small sized device in a robust waterproofed alumi-



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- Audio Surveillance Network (ASN)
- GSM Monitoring System Semi Active
- Tracking Device GSM-GPS
- GSM communication protection: Mobile Encryption for Secure Communication
- Thuraya Monitoring System

The configuration and working parameters are controlled via SMS.

The device comes together with a laptop and administration software inclusive maplog tracking software with basic digital maps.

Audio Surveillance Network (ASN)

Audio Surveillance Network (ASN) is a complete solution for law enforcement agencies to collect, transmit, store and analyze audio coming from distant targets at a centralized location. ASN consists of both hardware and software elements suitable for building a countrywide audio surveillance system, or to conduct standalone tactical operations.

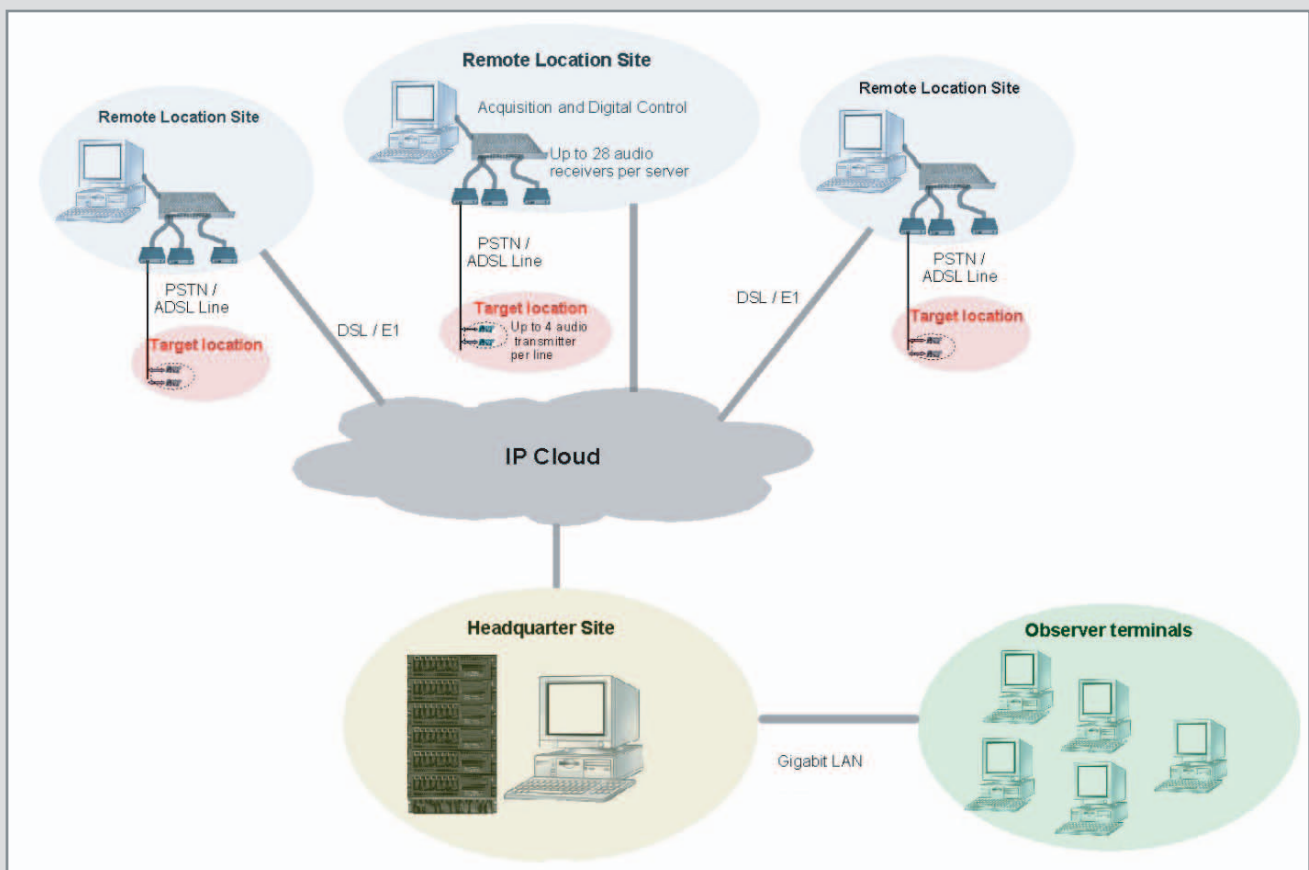
A typical ASN layout consists of various target locations, remote location sites, central headquarter and a set of observer terminals.

Audio is captured from a target location by audio transmitters containing tiny microphones, and transferred to the remote location site over a telephone line.

Usually, a remote location site exists near a location exchange. It contains a

large bank of receivers to collect audio from various target locations. The received audio channels are digitized and stored in a remote location server. The audio data is sent to the headquarters using a DSL or E1 link. The headquarters stores digital audio coming from a number of remote locations in a huge database. Observer terminals access the headquarters database using custom written audio surveillance software. An ActiveX based audio player offers audio analysis capability and on-line comment tag submission to the observers.

ASN is the only system of its kind that offers real-time audio surveillance from a number of distant targets from beginning to end.



A typical ASN layout

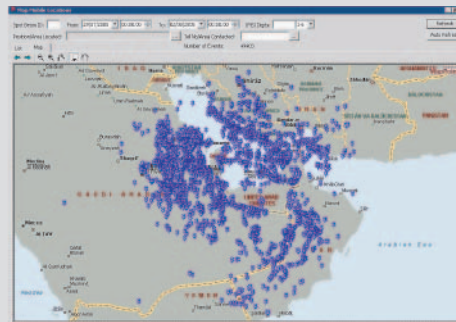


this is the only way to monitor the Thuraya network without involvement of the service providers.

Solutions are now on the market based on this approach including the possibility to decrypt the intercepted Thuraya calls in real time.

to discuss this in more details and also to provide our full experience in configuring such a system.

The system layout depends on the individual requirements and also on the foot print of Thuraya within the coverage area that should be monitored.



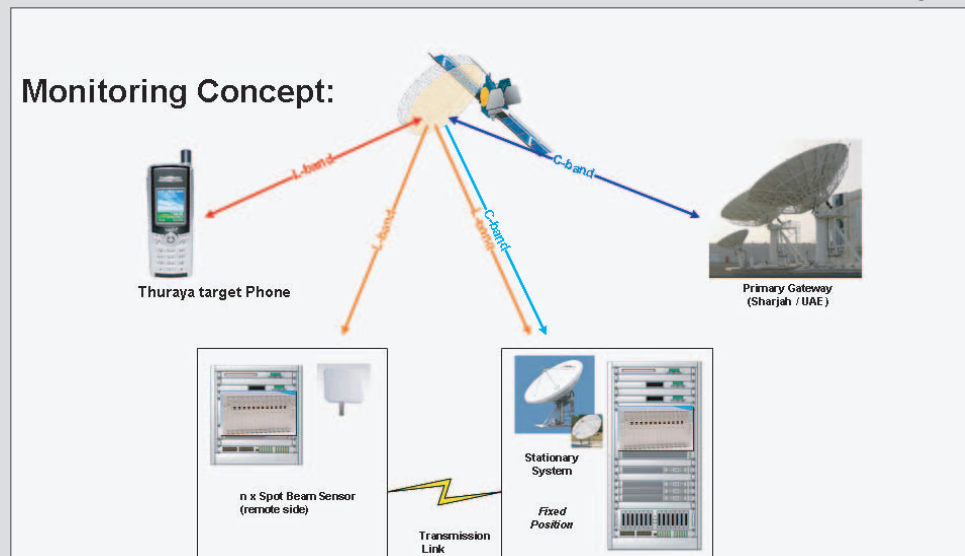
Screenshot monitored Thuraya activities incl. exact GPS positions

Monitoring System Thuraya

The huge success of Thuraya in the past years and the continues growth of subscribers for various Thuraya services (voice, Data, fax) makes the interception capability of the Thuraya network for Law Enforcement Agencies more and more to a vital factor.

Especially the possibility of passive monitoring of Thuraya is important as

Several system architectures are possible and we at Elaman would be glad



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