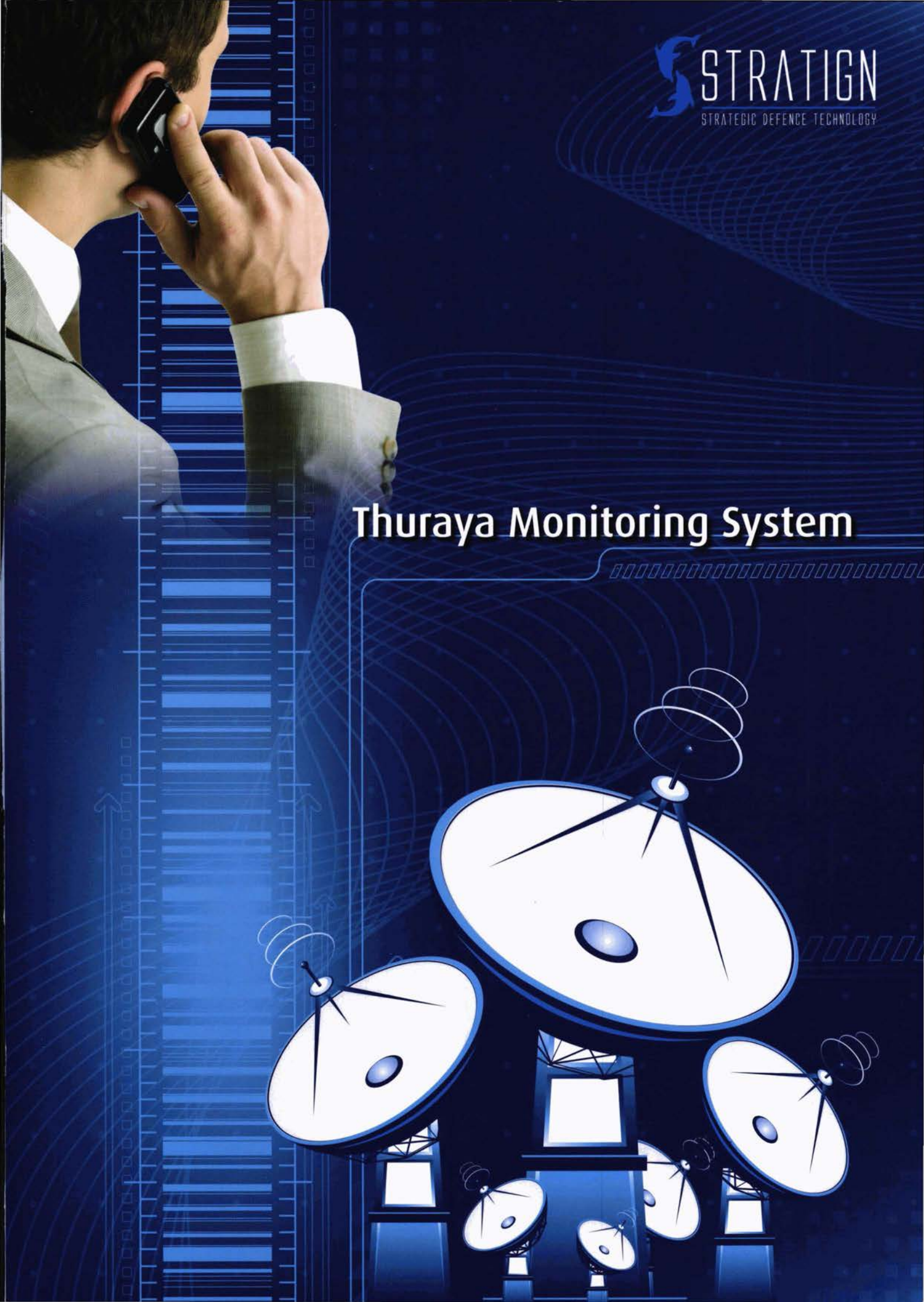
STRATIGN

STRATEGIC DEFENCE TECHNOLOGY

Thuraya Monitoring System



Introduction

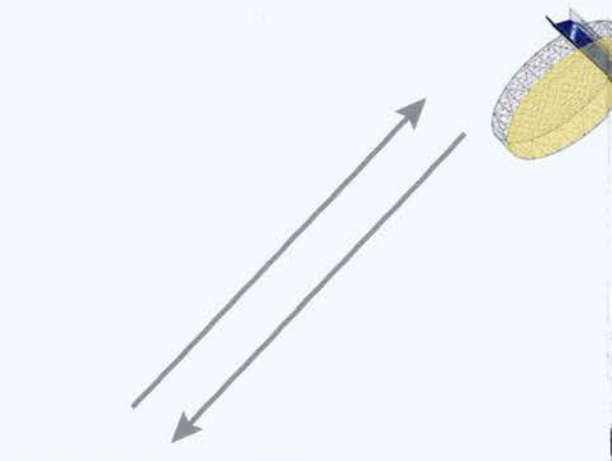
Thuraya Satellite provides mobile communications to over 140 countries around the world, Thuraya offers a congestion-free network that now covers most of the planet, encompassing Asia, Africa, Australia, the Middle East and Europe, nearly 60 per cent of the world's population. The emergence in the technological features and rapid growth in the subscriber base of Thuraya Satellite Communication System has made monitoring Thuraya Communication very important for Government intelligence agencies worldwide. Stratign provides intelligence organizations and national security government agencies with advanced solutions for interception, collection, processing and analysis of Thuraya communications. The System is capable of real time Deciphering Thuraya traffic to provide decoded VOICE, SMS, FAX and DATA sessions along with Geo-location and Call Related Information of the intercepted terminals.

Tactical Thuraya Monitorin

Tactical Thuraya monitoring, decrypting and logging solution, is capable of monitoring, deciphering and logging Thuraya traffic including Voice, SMS, Fax and Thuraya IP. The system is designed to monitor Thuraya communications on the L-Band uplink and downlink channels, the system is completely passive and does not interfere with the normal communication and hence its presence cannot be detected. The ruggedized make

Tactical System Operation

MONITORING CONCEPT



Thuraya Gateway at Sharjah

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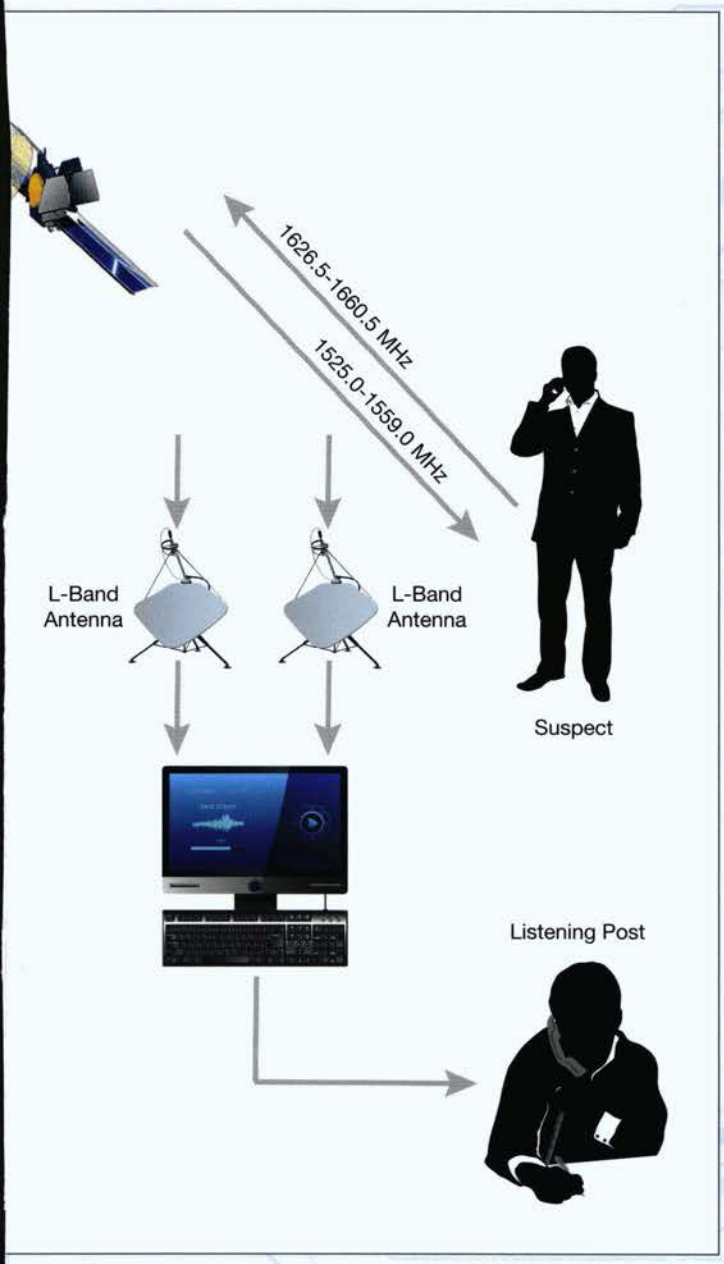
and portability of the system makes it ideal for quick strategic deployment. The user friendly GUI and simple system configuration, significantly reduces the training time required for the operator.

In standard configuration, the system is capable of monitoring 1 Spot beam and a maximum of 12 duplex calls in that spot beam.

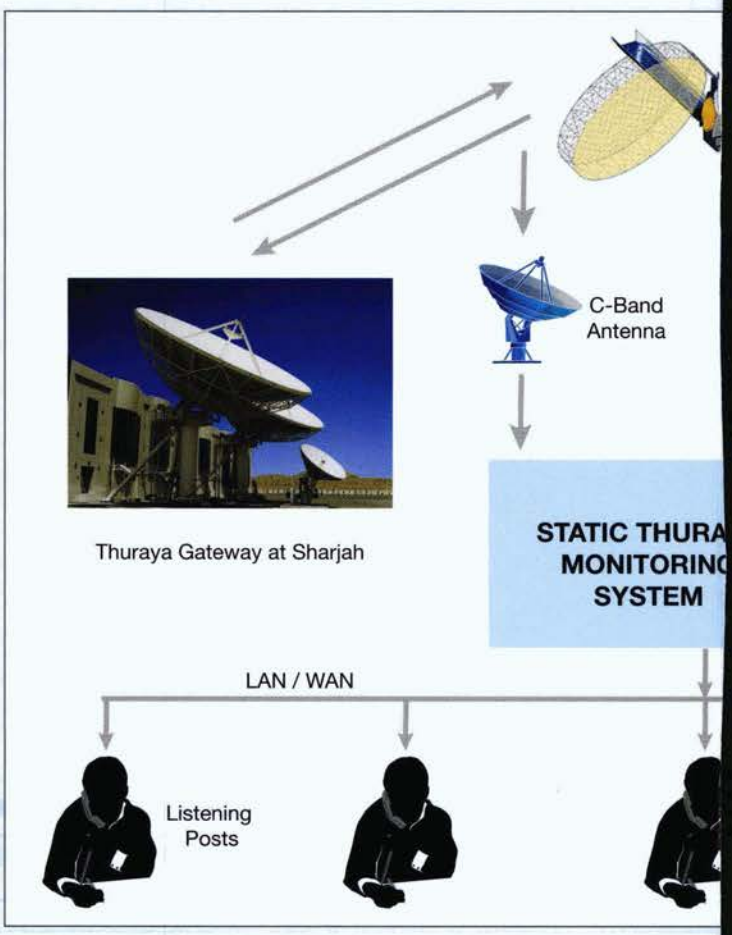


Strategic Thuraya Monitorin

The Strategic Thuraya Monitoring System is designed and developed as a 100% Passive Monitoring System which is capable of monitoring, deciphering and logging Thuraya Communication including Voice, SMS and Data. The Strategic Thuraya Monitoring System is capable of providing both side of the communication (full duplex call), call related information along with the location of the Thuraya Phone by monitoring of both L & C-band. System is designed and integrated to intercept Thuraya Communication from both Thuraya-2 and Thuraya-3 Satellite.

Standard configuration of the system provides monitoring of minimum 7 spot beams and 84 duplex calls simultaneously.

Strategic System Operation



About Stratign

Stratign FZCO is a UAE based company, providing High Grade state of the art Communication Intelligence solutions for defense and law enforcement agencies globally. Established in the year 2002, the company has a very strong presence in Middle East, South East Asia, Africa, Europe, Latin America and CIS countries. Continuous endeavor in the field of R&D with committed and highly skilled manpower, providing precise solutions for the challenges faced by the customers has made Stratign a well known entity within a short span of time. We are committed to provide competent technologies at an affordable price to defense and law enforcement government Agencies, we would like to offer you our strategic products on GSM, Thuraya Monitoring and Satellite Monitoring etc. The user-friendliness and capabilities of these systems have made them immensely popular among various agencies world wide. Stratign is uniquely positioned to offer latest technological, cutting edge mission-critical products systems and customized solutions for Communication Surveillance, Signal Analysis, Communication Security and Jamming Systems. All solutions meet the best quality or military Standards.

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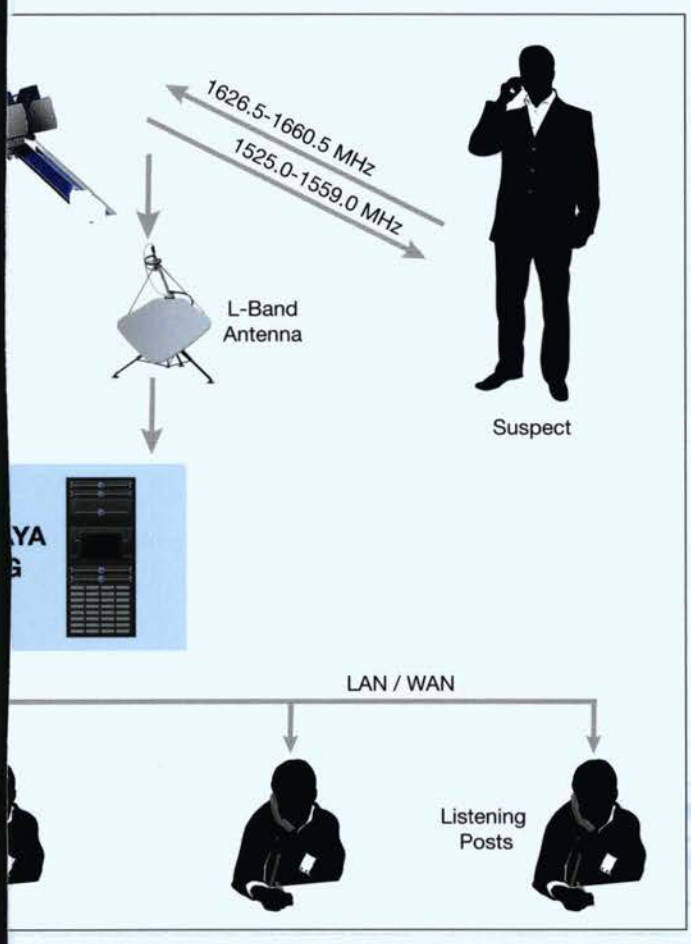
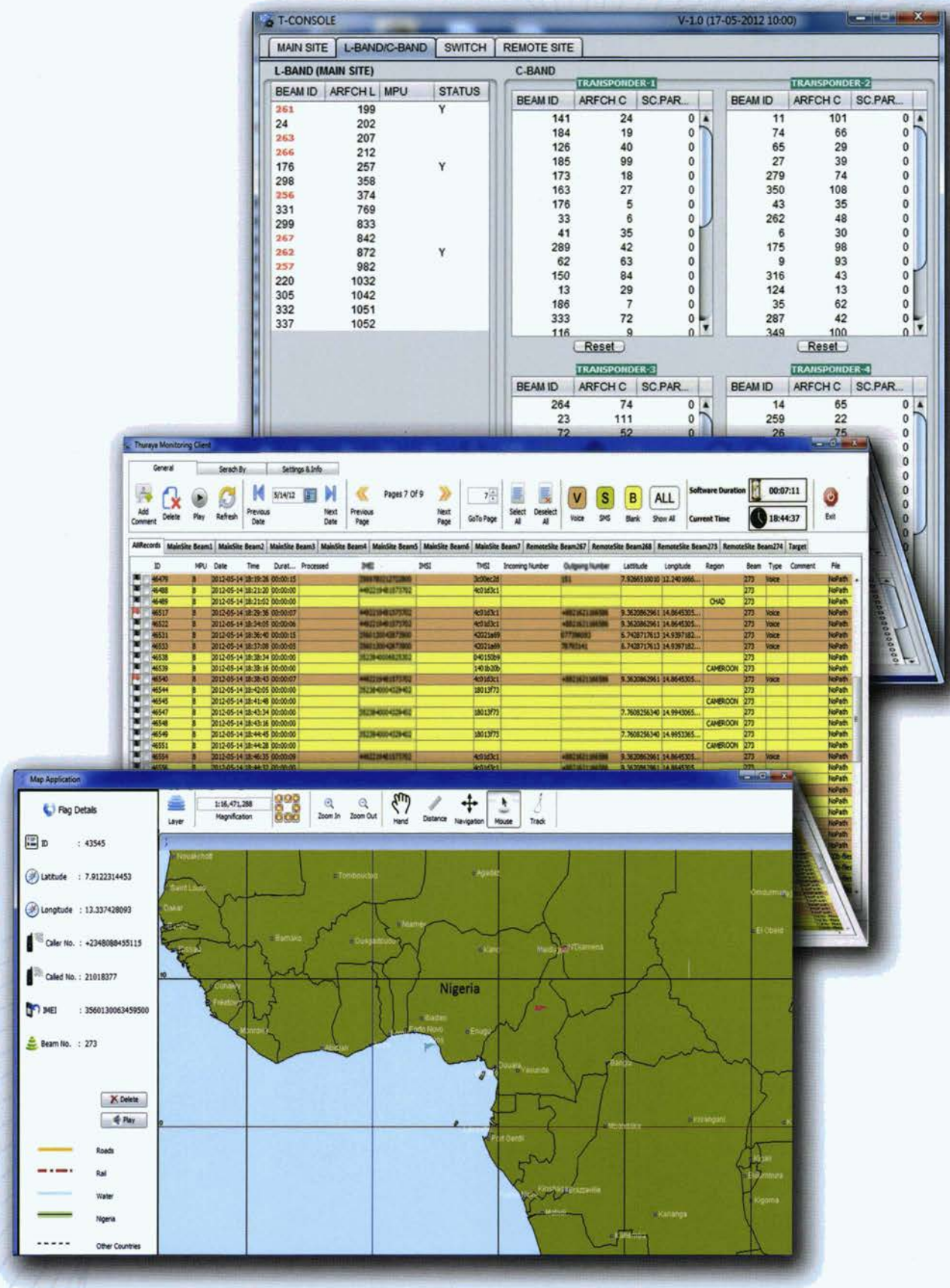
Coverage of Stratign's Stratergic Thuraya Monitoring System can be extended to monitor full duplex communications beyond 7 spot beams with additional groups of up to seven spot beams anywhere within the Thuraya coverage area by combining it with multiple Tactical Systems. The Remote Tactical systems are connected to the strategic systems via an always-on connection such as a leased line, WAN, or satellite link (e.g. VSAT). This allows Remote Tactical systems to work as an integrated part of the strategic system.



Features of Thuraya Monitoring System

- System is designed to intercept Thuraya Communication from both Thuraya-2 and Thuraya-3 Satellite.
- System monitors Voice, SMS and Thuraya IP communication.
- System automatically decrypts all the Thuraya communications in real time.
- Apart from Voice, SMS and Data, the system is capable of intercepting and displaying Spot beam ID, Date and Time of call, TMSI, IMSI, IMEI, Latitude and Longitude of target, Telephone number of called party, Telephone number of the calling party, Direction of the call flow (Incoming Call or Outgoing call), Call type (Voice or SMS), Duration of call (With start time and end time).
- The location of the target is mapped on Digital MAP.
- The GIS mapping software integrated with the system is based on industrial standard products and has the capability of displaying finer details. The software has the option for Zoom in and Zoom out. With a closer zoom the user can view contour, terrain, roads, tracks, towns, villages etc.
- All Intercepted information is stored in a database which can be easily accessed by the operators using a simple GUI.
- Option for search, sort and analyze calls in the database to generate calling patterns, call frequency etc.
- Option for searching calls from a predefined geographical area from digital map.
- Systems automatically detect and identify the Voice, SMS and Digital Fax communication.
- The system can intercept calls, initiated from PSTN to Thuraya, Thuraya to PSTN and Thuraya to Thuraya terminals.
- All Thuraya Communication in the coverage is intercepted.
- Systems automatically scans the available spot beams and provide the spot beam ID, Latitude & Longitude of center of the spot beam, Channel Number.
- System is capable of detecting new switching schema during which new frequencies are allocated to L-Band and C-Band mapping. The system has unique capabilities to detect these new frequencies in a very short time.
- Modular architecture of the system allows further expansion of the system.


T-CONSOLE
V-1.0 (17-05-2012 10:00)
MAIN SITE
L-BAND/C-BAND
SWITCH
REMOTE SITE
L-BAND (MAIN SITE)
BEAM ID
ARFCH L
MPU
STATUS
C-BAND
TRANSPONDER-1
TRANSPONDER-2
TRANSPONDER-3
TRANSPONDER-4
BEAM ID
ARFCH C
SC.PAR...
Reset
Thuraya Monitoring Client
Map Application
Flag Details
ID : 43545
Latitude : 7.9122314453
Longitude : 13.337428093
Caller No. : +2348088455115
Called No. : 21018377
IMEI : 356013006345950O
Beam No. : 273
Delete
Play
Roads
Rail
Water
Nigeria
Other Countries
Nigeria