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EMPOWERING LAW ENFORCEMENT AGENCIES WITH SMART RF CYBER SOLUTIONS & SECURE COMMUNICATION

Indian Innovation for the Safe World

AI, ML Driven HW, SW Solutions & System of Systems with 100% IP Ownership

SHYAM

VNL

Step into the Future of Secure Mobile Communications RF Cyber Security Surveillance and Mobile Intelligence.
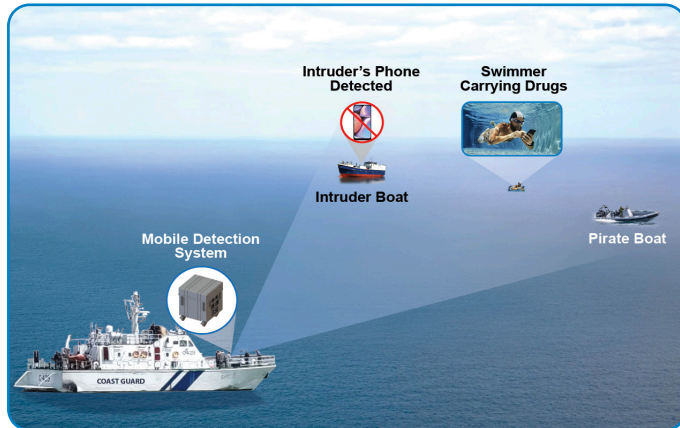
TRUE Identity Detection, a pathbreaking innovation in RF cyber mobile intelligence, designed for Homeland Security, Prisons, Secure Buildings, Mansions, Sensitive Installations & ResQMobil Disaster Management System, Border Intrusion Detection System, Secure Mobile Broadband for HLS & Rural Mobile Broadband Solutions.

SHYAM
VNL

CAWCAB
TECHNICAL SOLUTIONS

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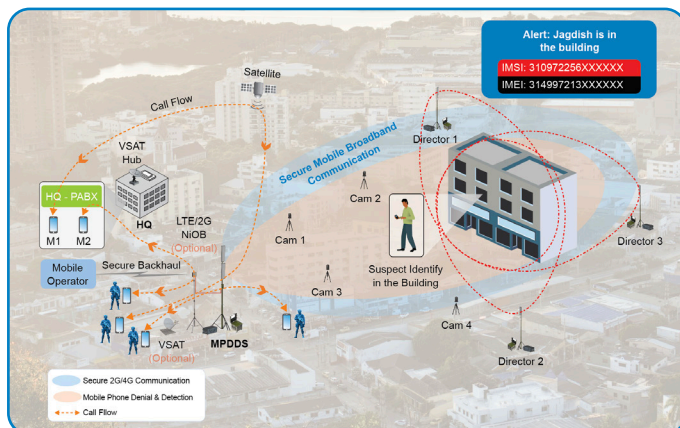## DETECTING DRUG TRAFFICKERS ON DIFFERENT TERRAINS, SEA AND OCEAN

Detect & Track locations of the Drug Traffickers & Smugglers on Land Borders, Desert or Mountains, Sea and Oceans on boats or any human with phone crossing by physically swimming

- **Detect Drug Trafficking**: System detects the drug carriers on body & using mobile phone to coordinate with handlers for delivery on land or shores.
- **Detecting & Identification of known Drug Carriers & new recruits**: System detects IMSI, IMEI data of all mobile devices and individuals from the target. Mobile data detected identifies the SIM card origin.
- **Analytics & Intelligent Software**: from the mobile data manifest and corroborate the trends of the organized group or individuals identified for more effective monitoring of their movements.
- **Use Cases**: Maritime security, smuggling of arms, precious metal or restricted items, drug trafficking by sea, seaport movement control, coastal area monitoring, entry-exit of docking of yards for vessels and boats.

FOLIAGE-PENETRATING HUMAN DETECTION SYSTEM

Scrupulous Intendance with Surveillance in Foliage with 100% Detection

- **Field Proven**: 100% Detection & Location in Dense Forests & Remote Areas.
- **Critical Protection**: Uncover Hidden Humans around Vital Sites.
- **Versatile Deployment**: Manpack, Tripod, Fixed, Vehicle, Drone/Balloon, Helicopter.
- **Lightening-Fast Setup**: Rapid Deployment.
- **Seamless Networking**: Situational Awareness (SA) & Integrates with Other Solutions.
- **Locate Mobile Devices**: with 1-Meter Accuracy.

TRUE ID DETECTION IN THE BUILDINGS / RESTRICTED AREAS

Strategic Tactical Operations for Police & HLS Surveillance

- **Swift Target Presence Detection** in the Targeted Buildings / Areas.
- **Across Generations**: Covering 2G, 3G, 4G, & 5G+
- **Remote Eyes Everywhere**: Video Surveillance and Situational Awareness.
- **Secure Connectivity**: Private Mobile Voice, Video and Data for Security Forces.
- **Live Connectivity for Security Forces using secure private network**, when public network is shut down during riots or Security Operations.

PRISONS & STRATEGIC INSTALLATIONS COMMUNICATION GUARD

Prisons & Strategic Installations with 100% Denial, Detection & Location of the mobile Communication devices

- **100% Mobile Service Denial**: Ensuring absolute denial of all mobile services within its coverage area.
- **100% Mobile Device Identification**: Every Mobile device within the premises is precisely identified.
- **100% Mobile Device Locator with 1 Meter Accuracy**: Mobile Device Locator System (MDLS) offers unmatched precision in pinpointing suspicious target mobile within the Prisons & Secure Buildings.

CICG - CRITICAL INFRASTRUCTURE COMMUNICATION GUARD

Protecting Strategic Infrastructure Sites

- **Identity Check for Entry Exit of Critical Infrastructure** Deploying systems at check posts leading to critical infrastructure mitigates risks.
- **Ensuring restricted communications inside & outside** the Critical Infrastructure, to deny communication to approaching intruders.
- **Real-time monitoring and dissemination of intelligence with advanced Command and Control software.**
- **Integration with Government Systems/Data Bases.**
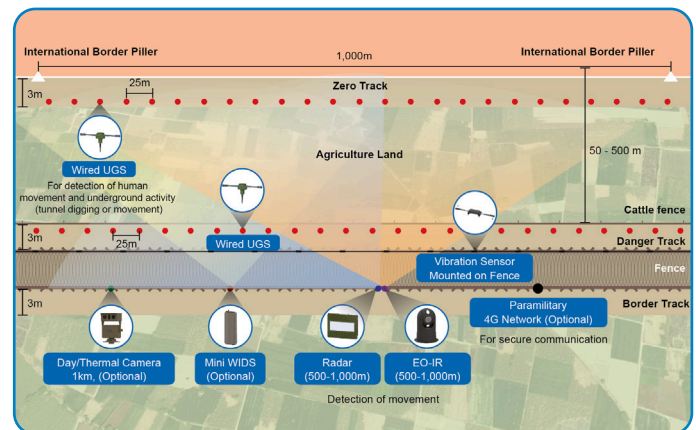
MCG - MANSION COMMUNICATION GUARD

Communication Management System for Mansions, Secure Offices and facilities

- **100% Mobile Operator's Services Denial**: Ensuring absolute denial of all mobile services within its coverage area.
- **100% Mobile Device Identification**: Every Mobile device within the facility is identified, addressing the issue of phones within mansions/office worldwide.
- **Locating Mobile Devices within 1 Meter Accuracy.**
- **Mansion Wireless Communication – MWC**: Private Secure mobile Communication (without Web, Broadband, Camera) for mansion Staff only.
- **Complete control** over who inside the mansion is allowed to use all or a limited number of services like voice, SMS and data.

TrueiDetect - SCREENING AT IMMIGRATION & CHECK POSTS

Ensure 100% Screening at Entry & Exit to Airport, Seaport, Police Check Post, Toll, etc

TrueiDetect: Proactive Security. Real-time Intelligence - TrueiDetect provides complete automated control and encompasses the following capabilities:

- **Detection, Identification and Location** - Mobile phones and communication devices at check posts, Aero Bridge, Immigration Counter by integrating cellular data with intelligence information, such as biometrics, official and National IDs.
- **Non-intrusive Data Reporting** - Conducts non-intrusive Identification and data reporting, ensuring comprehensive surveillance without disrupting passenger flow.
- **Multi -SIM Awareness**: Detects all Mobile Details of each SIM in a device.
- **Future-Proof**: Covers 2G, 3G, 4G, 5G +

BORDER AND PERIMETER INTRUSION DETECTION SYSTEM

Intelligent Border Guarding: Intrusion Alerts Voice, Video and Data

- **Real-time Intelligence gathering** with multi-sensor data fusion and Command & Control.
- **Precision Intrusion Detection**: 4-meter accuracy
- **24/7 Vigilance**: Day and Night Operation.
- **Instant Tamper Alert**: Sensor Security.
- **Minimized False Alarms**: Built in Signatures of humans, animals for automatic verification and ensuring near Zero False Alarms.
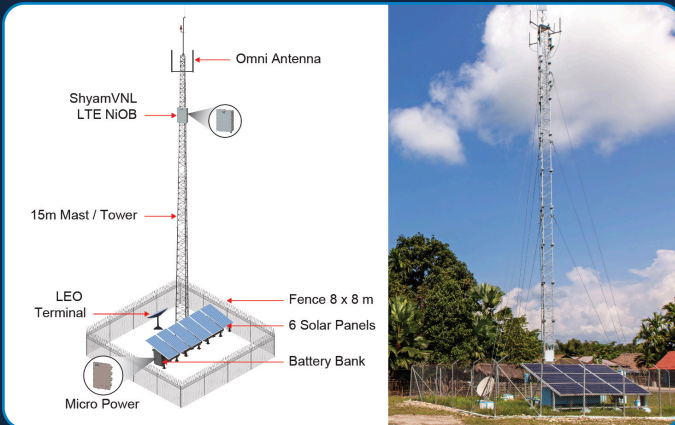
INSTANT SECURE MOBILE BROADBAND NETWORK

A High-Speed, Private Secure LTE Network

- **Swift and Self-Contained**: Built in Battery & Antenna in Manpack.
- **Instant Deployment**: Operational in 10 Minutes.
- **Operator-Independent**: No Dependency on MNO.
- **V-Sat, MW Connectivity** for Local Agencies and HQ.
- **Versatile Mounting Options**: Manpack, Vehicle, Helicopter / Drone (for Large Area Coverage).

ResQMobil - COMMUNICATION FOR DISASTER MANAGEMENT

Instant Mobile Communication for Rescue Team and detects human presence from rubble or mines

- **Lightning-Fast 4G Network** Setup for Response Team.
- **Unmatched Identification**: Detects Human Life.
- **Compassionate Outreach**: SMS for Health Status.
- **Precision Matters**: Locate Victims with 1 Meter Accuracy.
- **Independent Readiness**: Deployable in just 30 Minutes.
- **Multiple versions**: Manpack, Vehicle, Fixed and Airborne.

RURAL MOBILE BROADBAND NETWORK

End-to-End 4G/LTE Broadband Network for Rural, Remote, Deserts or Jungles without Communication Networks

- **Quick & Easy Installation**: Operational in 3 days.
- **Solar powered and self-sustainable**: Faster ROIs for large & small networks.
- **Remote management**: Optimized for low OPEX & sustainable business case.
- **Enhanced Quality of Service**: 4G/LTE- broadband including internet & IPTV.
- **Secure, Robust and Reliable**: All-weather proof, carrier-grade fault tolerance.

TAILOR MADE SECURE MOBILE BROADBAND NETWORK

A High-Speed, Private Secure LTE Network for Voice, Video and Data

- **Advanced Communication for Tactical Operations**
- **Situational Awareness** for All Entities
- **V-Sat, MW Connectivity** for Local Agencies and HQ
- **Versatile Mounting Options**: Manpack, Vehicle, Helicopter / Drone (for Large Area Coverage)
- **Parallel Multi Segment Routing**
- **Ruggedized All Weather Operation**
- **Remote Disabling of Compromised handset**