

AIR & MISSILE DEFENCE INDIA 2024

19 July 2024 - Air Force Auditorium, Subroto Park, New Delhi

INDIAN INNOVATION FOR THE SAFE WORLD



RF-DDS -
RF Drone
Detection System



DDR - Drone
Detection
Radar



8 Band, 900 W
Omni Drone
Jammer



8 Band, 200 W
Vehicle Mounted Drone
Detector & Jammer



8 Band, 8,000 W
PT Mounted Drone
Detector & Jammer

INTRODUCING DRONE DETECT & DEFEAT SYSTEM

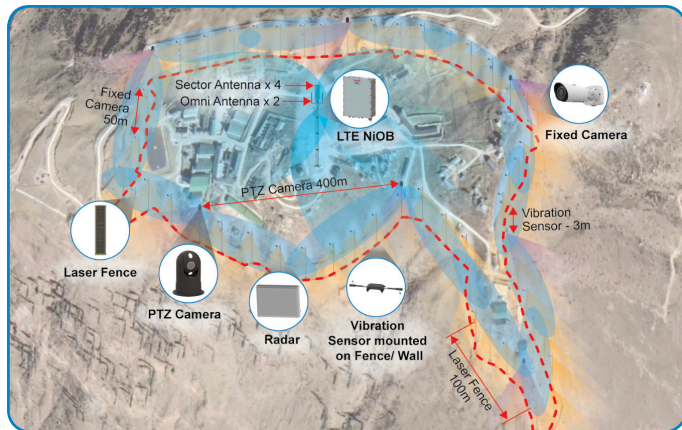
AI, ML Driven Intergated HW, SW Solutions & System of Systems with 100% IPR Ownership



Cutting-edge Drone Detection & Jamming Solutions, Perimeter Intrusion Detection Systems, Mobile Phone Presence Denial & Detetcion and Secure 4G/LTE Mobile Broadband Communication Systems.

PERIMETER INTRUSION DETECTION SYSTEM & SECURE COMMUNICATION

Intelligent Perimeter Intrusion Detection System with 4G/LTE Network for Campus & QRT



- **Real-time Intelligence gathering** with multi-sensor data fusion and Command & Control.
- **100% Pre Alert**
- **Precision Intrusion Detection:** 4-meter accuracy
- **24/7 Vigilance:** Day and Night Operation.
- **Minimized False Alarms:** Built in Signatures of humans, animals for automatic verification and ensuring near Zero False Alarms.
- **Enhanced Quality of Service:** 4G/LTE- broadband including internet & IPTV.
- **Secure, Robust and Reliable:** All-weather proof, carrier-grade fault tolerance.

COMPREHENSIVE PROTECTION FOR STRATEGIC BUILDINGS

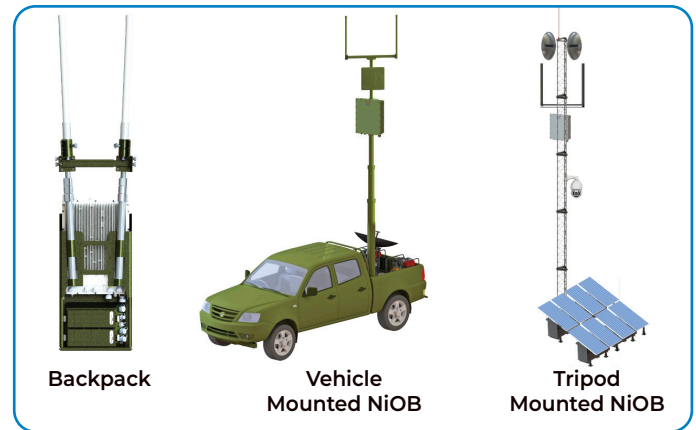
Detection & Denial of Mobile Services in Entire Strategic Premises



- **Automated Identification** - System verifies the individuals entering the premises, ensuring comprehensive security coverage.
- **RF Sanitization** - Ensures the strategic building area remains RF sanitized, safeguarding against unauthorized mobile device usage.
- **Suspicious Activity Alerts**
- **Walkthrough Mobile Phone Detection**
- **Detecting, Identification & Locating**
- **Integration with other Government Systems/Data Bases**

SECURE 4G/LTE MOBILE BROADBAND COMMUNICATION

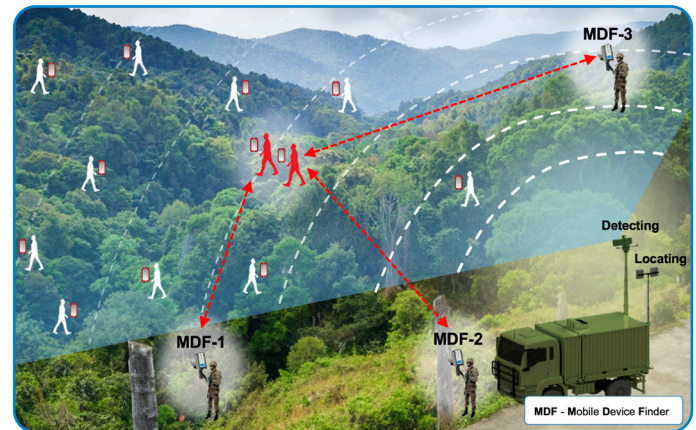
Secure 4G/LTE Captive Communication for Fixed Premises and Tactical Operations



- **Advanced Communication for Tactical Operations**
- **V-Sat, MW Connectivity** for Local Agencies & 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**

FOLIAGE PENETRATING - HUMAN DETECTION & LOCATING 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:** Tripod, Fixed, Vehicle, Helicopter.
- **Fast Setup:** Rapid Deployment.
- **Seamless Networking:** Situational Awareness (SA) & Integrates with Other Solutions.
- **Locate Mobile Devices:** with 1-Meter Accuracy.

SVMS - SECURE VISITOR MANAGEMENT SYSTEM

Entry Intelligence: Secure, Monitor & Manage Mobile Devices for Enhanced Security



- **Secure Visitor Management System** at Entry/Exit and Reception
- **Pre-approve visitors** with QR code based verification
- **Automatically detects all Mobiles**, even undisclosed
- **Alert** after permissible visitor time limit
- **Future-Proof:** Covers 2G, 3G, 4G, 5G & more
- **Upgrade with Geo Fencin**
- **Application Areas:** Air HQ, Air Station & Strategic Building's Reception Area

SMG - SECURE MEETING ROOM

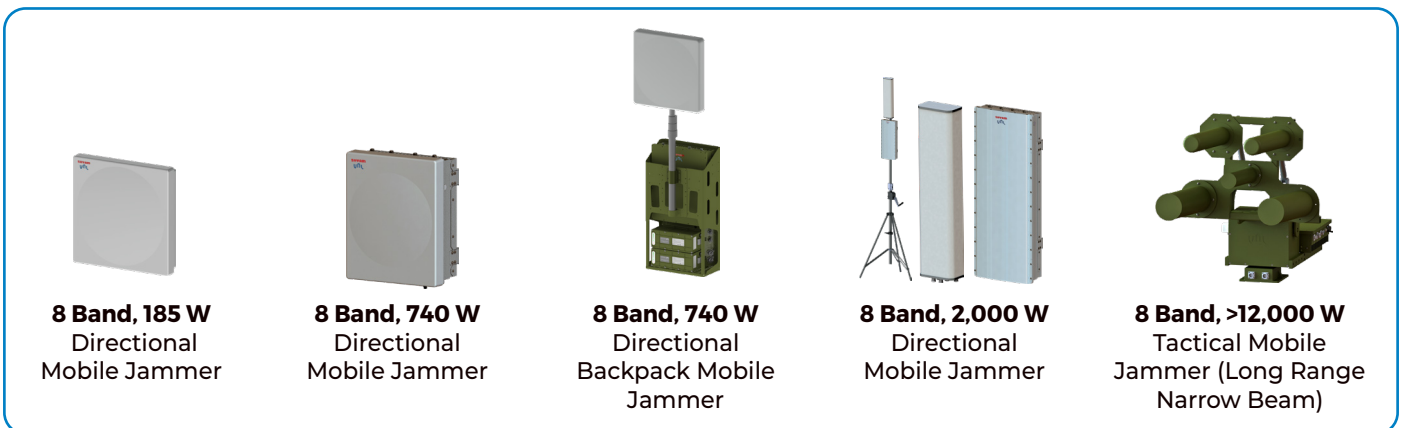
No Mobile Spying & Evesdropping - Mobile Free Protected Ops & Situation Rooms



- **Guaranteed 100% Denial & Detection** of mobile phones
- **Swift and Comprehensive Blockage**, Safeguarding Against Espionage
- **Secure Private Network for official use** Voice & SMS Services While Data is Blocked
- **Tailored to Fit:** Modular & Scalable for Various Area Sizes
- **Stay Informed:** Detect SIM and Device Changes
- **Application Areas:** War Rooms, Strategic Command Center & Missile Bases

MOBILE PHONE JAMMERS

Fixed & Portable Mobile Jammers & Directors



8 Band, 185 W
Directional
Mobile Jammer

8 Band, 740 W
Directional
Mobile Jammer

8 Band, 740 W
Directional
Backpack Mobile
Jammer

8 Band, 2,000 W
Directional
Mobile Jammer

8 Band, >12,000 W
Tactical Mobile
Jammer (Long Range
Narrow Beam)

Only for Sale to Indian Govt. Approved Specific Organizations and for Export

INSTANT DRONE DETECT & DEFEAT SYSTEM

Omni & Directional Handheld & Man Portable Light Weight Drone Jammers Products

RF-Scanner



RF-DDS
RF Drone
Detection System

Radar



DDR -
Drone Detection
Radar

Handheld



8 Band, 725 W
Handheld Drone Gun



8 Band, 2,750 W
Handheld Drone Gun



8 Band, 75 W or
6 Band, 140 W
Handheld Drone Jammer

Backpack



8 Band, 550 W
Omni Backpack
Drone Jammer



8 Band, 1,800 W
Directional Backpack
Drone Jammer

Vehicle Mounted & Portable



4 Band, 40 W
Vehicle Mounted Drone
Detector & Jammer



8 Band, 200 W
Vehicle Mounted Drone
Detector & Jammer



8 Band, 200 W
Portable Drone
Detector & Jammer



8 Band, 1,800 W
High Power Directional
Drone Jammer



8 Band, 740 W
Portable Drone
Detector & Jammer



8 Band, 900 W
Omni Drone
Jammer

Tripod Mounted



8 Band, 185 W
Networked
Directional Drone
Detector & Jammer



8 Band 740 W
Drone Detector &
Jammer (Omni /
Directional)



8 Band 8,000 W
PT Mounted
Drone Detector
& Jammer

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Unleash the power of innovation with Shyam VNL

Explore our comprehensive suite of solutions that empower every sector we serve to thrive in a secure and connected world.