

Stakeholders can access the information from our devices in real-time via web or mobile applications through our hardware, firmware & applications.



### Comprehensive Solution

Our light & audio sensors capture the mosquito wing beat frequency and the Artificial Intelligence layer identifies mosquito species and gender based on the frequencies. Our proprietary IoT platform, true.one, collects the data from the sensors and sends it to the cloud.



### Technology

Current research is focused on autonomously identifying the disease carrying mosquitoes, known & unknown viruses carried by mosquitoes, and locating larvae sites using drones.



### Current Research Focus

Get real-time mosquito information to optimize the resources. Save time, money and resources.



### Real-time Intelligence

## PUBLIC HEALTH CONTEXT

- ❑ Vector-borne diseases account for more than 17% of all infectious diseases, causing more than 1 million deaths annually.
- ❑ More than 3.9 billion people in over 128 countries are at risk of contracting dengue, with 96 million cases estimated per year.
- ❑ Malaria causes more than 4 lakh deaths every year globally, most of them are children under 5 years of age.
- ❑ World Health Organization/Centers for Disease Control and Prevention/European Centre for Disease Prevention and Control recommends better surveillance systems.

## Raxa Security Services Ltd.

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offers



Developed by



as a

Preferred Business Partner

Moskeet helps in the eradication of Mosquito – Borne Diseases

## About us

- ❑ RAXA Security Services Limited, an ISO 18788:2015 and ISO 9001:2015 certified GMR Group Company, provides high level security & safety solutions with well trained manpower to Industrial and Business Establishments.
- ❑ RAXA specializes in undertaking technical security projects whose scope includes access control, CCTV surveillance, perimeter intrusion detection, anti-sabotage and anti-terrorism measures, command & control centres, etc.
- ❑ RAXA has partnered with several leading and upcoming technology companies to provide safety and security solutions with latest / innovative technology. One such business partner is TrakitNow – A True IoT Company, who have developed a very innovative product/solution to predict mosquito borne diseases.

## Moskeet

Moskeet, a Smart Mosquito Control Management solution, helps in the eradication of mosquito-borne diseases. Moskeet is the world's first commercially available mosquito trap that can autonomously detect the mosquito species. Moskeet is designed and developed as an affordable solution for underdeveloped and developing countries.

## Features & Benefits

An innovative and unique design that captures a broad spectrum of mosquito species using multiple attractants and sensors.



**Smart Trap**



**Smart Surveillance**

A Moskeet network can autonomously detect and report mosquito count, gender and species in real time.

Users can remotely monitor the operational health of the devices as well as remotely configure & upgrade at any time and from anywhere in the world.



**Monitor Effectiveness**



**Intelligent & Predictive Analytics**

View Mosquito Maps by location, gender & species. Experience the power of contextual reporting. Receive critical alerts on emergency situations & disease outbreaks. Proactive approach to mosquito control.