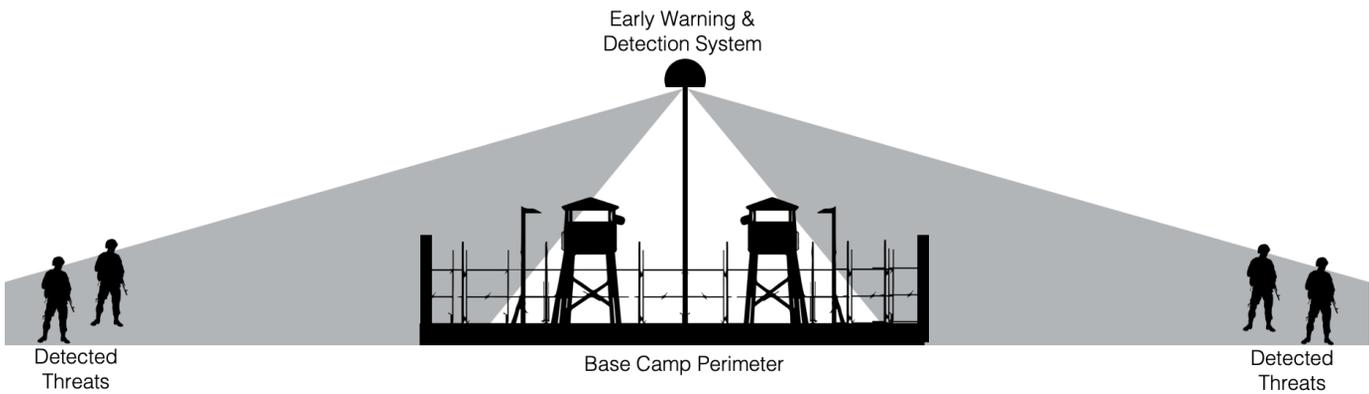
An aerial photograph of a tropical forest. A large, dense area of green trees and palm trees covers most of the frame. In the upper left, there is a cleared, rectangular area with a grid-like pattern of small green plants, possibly a plantation or agricultural field. A thin, light-colored path or road runs vertically through the center of the forest. The overall scene is lush and green, with varying shades of green and brown from the ground and tree trunks.

# Early Warning System (EWS)

Providing life-saving tactical advantage by pre-empting potential attacks and intrusions.

In many operations, where lives depend on the outcome, pre-emptive information received can be success or failure. Various factors such as the timeliness, accuracy, relevance and interpretation of information plays a large role in the ability to use information for tangible tactical intelligence advantage. Governments and militaries are continuously exploring new technologies that can be implemented to gather fore warning information that can ultimately save human lives. When it comes to deployed military bases and military camps in volatile environments, where the early detection of potential insurgent attacks is a top priority.

## EWS Deployed at a Base Camp

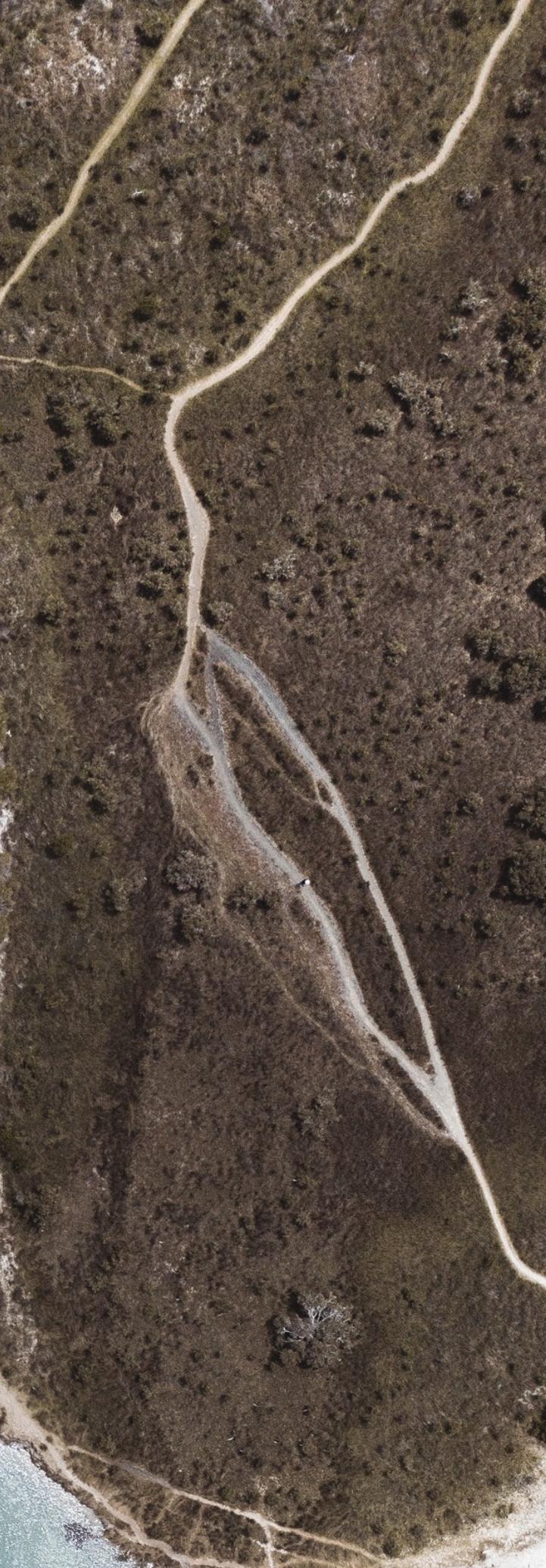


Detect rising threats,  
before they occur.

The EWS system is designed to provide tactical advantage through pre-empting potential attacks. The system provides target information over the surveyed coverage area, which will alert users and operators of changes in normal behavioural patterns. This allows users to deploy quick reaction units for investigation, before an attack can happen.

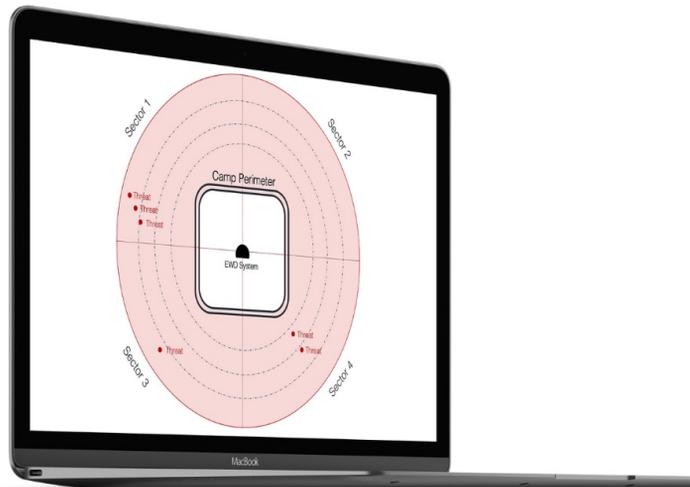


Where GSM coverage is available, threat location information can be transmitted to smart devices.



## How the technology works

The system makes use of an active and or passive detection modules that scans a wide band of typically used frequencies in quick succession over the target area. The detected frequencies can range from Military HF, VHF, commercial VHF and UHF, and frequency bands used by GSM network providers. This means that during a scan, active insurgent devices can be detected, which is why intelligence and insight on normal activity patterns is vital to the success of the systems success rate. When unusual activity is detected and identified within the target area, the system will provide range and direction to the active target device or devices, which will be displayed on a visualisation dashboard, such as a desktop computer or mobile device, allowing operators to alert or deploy quick response forces.



Visibility of coverage zones on a user-friendly dashboard

# System Advantages

## Early Warning

The system provides pre-emptive intelligence that allows for investigation and pro-active prevention of attacks or intrusions before they occur.

## Small Form Factor(SWaP)

System modules are small, lightweight and discreet making it easy to transport and discreet to install with low power consumption.

## Simple to Operate

The system is controlled on a single unified, easy to use dashboard interface

## Customisable

Optional additional system modules including:

- IMSI Catcher
- Private LTE Module
- Queue to Slew Camera
- Audio Demodulation
- Heartbeat Detection
- Customer Specific Add-Ons

# Installation and Operation

The EWD system is simple to install, installations depend on typical target terrain type and topography. Single and multiple deployments are supported in single area with overall system command and control. In instances where multiple deployments are used, centralised command and control of all units is supported. The EWD system can be disguised in many formats to hide the installation from public view.

