



DRONE DEFENDER SYSTEM



The Need

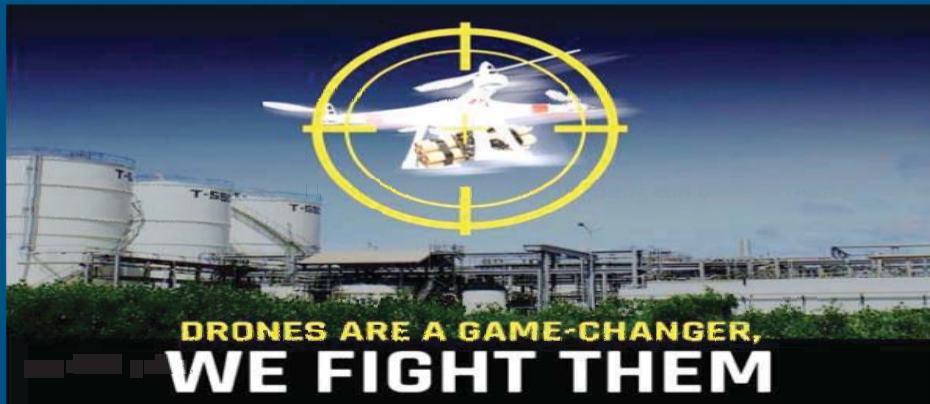
PROVIDE EFFECTIVE ANTI – DRONE & AIR DEFENSE SOLUTION



Illustration

The Drones Threats

The rapidly growing use of small sized, combined with recent technological advances, dramatically increased the risk of being utilized for hostile and/or damaging activities:



Typical Missions

Home Land Security



- Anti RCIED Jammers
- Civilian Anti Drone Solution
- Eavesdrop Protection
- Anti Riot Jammers
- SWAT Team Tactical Jammers

Correctional Facilities



- Cellular Phone Jammers complete Solution with dedicated Software
- Selective Jamming
- Combined Solutions

Military & Defense



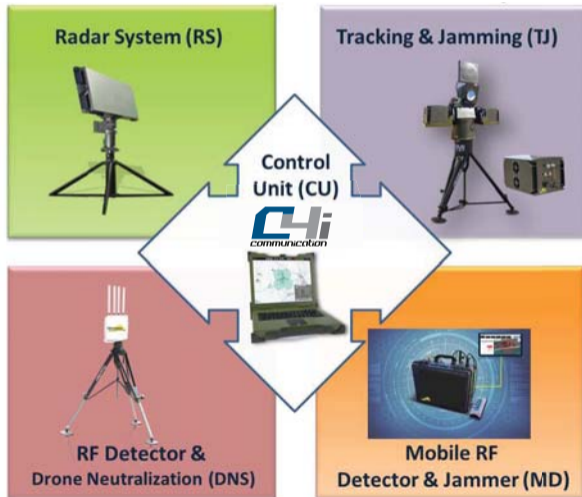
- Anti RCIED Jammers
- Convoy Protection Jammers
- Solider Protection Jammers
- Eavesdrop Protection
- RF Countermeasures
- Radar Amplifiers
- Custom Made Solutions

Security & Intelligence



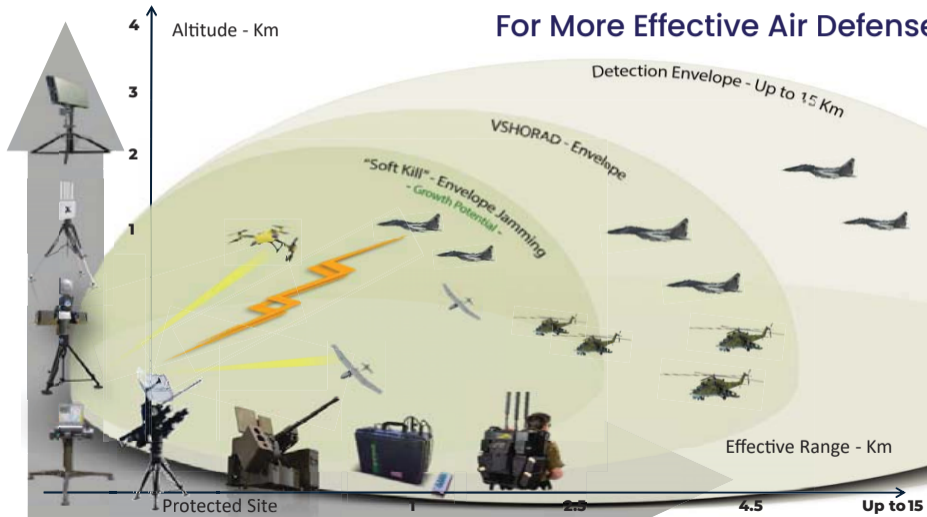
- Convoy Protection
- Cellular Interception
- Tailor Made Protection Solution for VIP.
- Eavesdrop Protection

Drone Defender



- A state-of-the-art, highly effective, Combat-Proven Air Defense Solution against wide range of targets.
- The System incorporates multiple sensors; Radar, E/O IR camera, and SIGINT RF Detector deliver a real-time Aerial Situation Picture with “0” false alarms.
- The System enable effective Detection, Classification, Identification, Neutralization and Takes Over the Drones.
- The System is compact and mobile, with Fast Deployment capability in the fixed strategic assets or in the temporary missions.
- The System can combine “soft & hard” Solution adding Remotely Controlled Weapon System (RCWS) or MANPADS missiles against hostile UAV's .

For More Effective Air Defense Capability



RCWS

- ☒ Day / Night Camera Detection /Investigation
- ☒ Existing weapons
- ☒ Improved accuracy
- ☒ "Smart shooting"
- ☒ Tracking & Drone Jamming



Radar System (RS)

- Multiple target detection
- Track while scan
- Detection
- Tracking
- Classification



Tracing & Jamming (TJ)

- Day / Night Camera Detection
- Identification
- Investigation
- Tracking
- Drone Jamming



RF Detector & Drone Neutralization (DNS)

- RF Drone Detector
- Operator location
- "White list"
- Drone Neutralization
- Takes Over
- Drone safe landing



Legend:

- LAN connection - 
- Wireless - 
- Video - 
- Possible Integration - 

- Target SIGINT Detection
- Identification
- Drone multidirectional Jamming
- Alarm (SMS)
- Autonomous



RED SKY 2 -MD Unit

- Centralized Display
- Controls all System
- Target cueing/ tracking
- Optimization
- BIT
- Special functions



Control Unit (CU)

- Backpack Jammer
- wireless target assignment
- Drone multidirectional Jamming



Mobile Jammer (MJ)







Demonstration ART / TSOA 16-2





**COMBAT
PROVEN**



List of Attendees:

- Police
- Prisons Authority
- Military Office of the President of the Czech Republic
- Czech Air Force 25 GBAD Rgt
- Prague Airport
- Air Force and Air Defence Military Technical Institute
- DJI Authorised Retail Store TELINK s.r.o





- Operational – the system can carries out the Air Defense mission against the Drones threat in an Effective and Efficient manner.
- All in One - Complete execution of all tasks in one system.
- Complete End-to-End - the system enables Drone Detection, Classification, Identification and Neutralization as required in the Daily Operation.
- Combat Proven - the system took place in Operational Activities in Thailand and in other countries.
- Open Architecture - with the possibility of connectivity to external systems and superior headquarters.
- User Friendly System - Ease in operating, training of operators and technical staff In a relatively short time.
- Easy to maintain- The system is in a Military Standard, reliable and does not require special effort to maintain it.



- Operational Flexibility
- User Friendly System
- Effective Protection from UAVs
- "Soft & Hard Kill" Configuration
- Cost Effective Solution



The Most Effective Low Altitude Air & Drone Defense Solution



THANK YOU



EXPERIENCE THE DIFFERENCE
YOUR SECURITY & SAFETY PRODUCTS