RV CONNEX

PRAGARN

ANTI-DRONE SYSTEM

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PRAGARN a leading-edge Anti-Drone system, future-proof and scalable Command & Control Platform, specializing in the effective integration of third party devices.

Drone technology has only further improved over the years, with state-of-the-art payloads as well as supporting equipment and systems, allowing for greater capabilities and cargo weight. This has prompted some users to utilize the drones for illegal activities, such as terrorism, interference, surveillance, transport of illicit substances, and violation of building safety laws and regulations.

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In particular, easily sourced Commercial Off-the-Shelf (COTS) Drones have made such a type of warfare possible, offering a Low, Slow and Small (LSS) aerial threat which is easily assembled and capable of a variety of different types of cargoes and operation.

Presently, the PRAGARN System is able to detect and mitigate the pressing threats associated with COTS Drones through a single platform that can be designed and customized in accordance with user requirements, in order to create a holistic air defense system.

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KEY BENEFITS

- Integration to a variety of detection systems from leading manufacturers, including ground-based radar.
- Display of detection information on 2D map.
- Collection of drone information from multiple detection sources.
- Support of ASTERIX protocol.
- Automatic surveillance and alerts.
- Identification and classification of drone information.
- Command and control of detected drones.
- Simulation of targets for training purposes.
- Recording of mission and operation data.
- Handover of target information.

DETECTION ➡ ACTION ➡ ELIMINATION

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The PRAGARN system is designed in accordance with Open Architecture, so as to act as a center of Command and Control in support of protection of critical sites and infrastructure. This can be done by integration and interface with drone detection, identification and mitigation solutions, so as to provide a high-performance, completely networked approach to addressing the threat of COTS Drones. Moreover, the system supports transfer of information via Tactical Data Link and Network Centric Operations.

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MAIN FEATURES

Data Link

Ground Based Radar & Interface

RF Tracking & Sensor Interface

Camera Interface

Simulation

Protocal Manipulation Interface

Notification and Surveillance Area

Jamming and Disabling

Cyber Intelligence

Map Situation Picture

Mobile Deployments

Directional Lasers, Net Guns & More

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Scalable, Future-proof Platform
for Real-time Drone Detection,
Identification, and Mitigation
Against Illicit Aerial Threats.

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Disclaimer: In keeping with our policy on continuous product
improvement, all specifications are subject to change at any time.

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