



## **Exigent®-DR — Automatic Drone Recognition**

Artificial Intelligence-based capability detects drones day or night, at a distance that allows effective security response.

Designed for airports, military bases, sports arenas and other outdoor venues.

Integrates with EOIR camera system and automatically notifies security via text or email alert, and tracks drone location in real time.

### **How Can I Learn More?**

- Visit our AI lab.
- Talk to an Arcarithm AI expert.
- Get a customized price quote.

For details call 866-533-1999 or email [randy.riley@arcarithm.com](mailto:randy.riley@arcarithm.com).

**Arcarithm is a technology solution provider of innovative, results-based solutions to government and commercial markets.**

Core competencies range from Advanced Artificial Intelligence and Machine Learning capabilities to Command and Control solutions and System of Systems Integration solutions.



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## **Detect, Identify, Alert and Track Drones Easier**



### **Exigent®-DR Automatic Drone Recognition**



## Current Protocols For Managing Drone Risks Fall Short.

Current surveillance camera systems are inadequate to detect drones at a distance that allows effective security response.

Even dedicated security professionals using the best camera system can't provide 100% real-time observation.

A pro-active solution is needed to detect drone threats in public areas to allow an effective defense.

Exigent<sup>®</sup>-DR, an Artificial Intelligence-based drone detection capability developed by Arcarithm for the US Army, offers that solution.



## Exigent<sup>®</sup>-DR Provides A Reliable, Integrated Method To:

**Detect** — autonomously detects drones against any background, day or night.

**Identify** — instantly analyzes imagery using AI algorithms to determine type of drone.

**Alert** — automatically notifies security officials via text message or email showing location and type of drone.

**Track** — follows the drone's location in real time.



## The Solution: Exigent<sup>®</sup>-DR

*Applying Artificial Intelligence to identify drones as early as possible to save lives and protect resources.*

Arcarithm's Exigent<sup>®</sup>-DR is a proven Artificially Intelligent-based drone recognition capability to identify drones and automatically send information to security resources without a human in the loop.

- Integrates with an EOIR camera system via an artificially intelligent equipped computer.
- Automatically notifies security resources to provide faster response time and take defensive and offensive action.
- Tracks the drone location in real time to provide a better defense.

## How Exigent-DR Works

