



Exigent®-GR — A Proven Solution

The Exigent®-GR gun detection capability is based on AI technology developed by Arcarithm for the US Army. The technology was originally developed to detect both drones and guns, based on the concept that a larger operational space allows more reaction time.

Recognizing the value of the AI-based detection capability, our US Army customer recommended Exigent-GR as a school gun defense system. The scope has since expanded to include malls, arenas, churches and office buildings. Exigent-GR works with existing facility security cameras.

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.

**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 Guns As Early As Possible



Exigent®-GR
Automatic Gun Recognition



Gun Detection:

A Serious Challenge for Security, Risk Management and Law Enforcement Personnel.

Current security camera systems require a human to identify gun threats.

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

An effective, proactive solution is needed to identify guns before they enter the building and shots are fired.

Exigent®-GR, an Artificial Intelligence-based gun detection capability developed by Arcarithm for the US Army, offers that solution.



Exigent-GR provides a reliable, integrated method to:

Detect — autonomously detects people with guns as early as possible, before shots are fired.

Identify — instantly analyzes imagery using AI algorithms to determine type of gun (long gun vs. pistol).

Alert — automatically notifies security officials via text message or email showing person with the gun, their location and type of gun.

Track — follow the suspect's location in real-time, even if the gun has been discarded.



The Solution: Exigent®-GR

Applying Artificial Intelligence to identify guns as early as possible to save lives.

Arcarithm's Exigent-GR is an AI-based visual recognition capability that identifies humans with guns using an existing camera system, instantly sends a detailed mass alert to security resources, tracks the gun and sends updates.

How Exigent-GR Works

