ZeroEyes Government Solutions and Picogrid Announce Coastal Alert System for Waterside Security



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EL SEGUNDO, California/PHILADELPHIA, Pennsylvania – May 1, 2025 – ZeroEyes Government Solutions (ZEGS) and Picogrid announced the ZeroEyes Coastal Alert System (Z-CAS), an integrated waterside security solution that protects U.S. military bases and critical infrastructure from maritime threats.

Z-CAS fuses ZeroEyes' AI-powered threat detection with Picogrid's advanced base defense capability to deliver real-time detection and tracking of vessels, unauthorized personnel, and firearms in coastal environments. The system

has already undergone successful testing with both Air Force and Navy users.

ZeroEyes Government Solutions, a wholly owned subsidiary of A.I.-based gun detection leader ZeroEyes, provides real-time threat analytics for defense and national security applications. Picogrid delivers the core infrastructure for Z-CAS, including the Legion software platform for sensor interoperability and the Lander and Helios hardware nodes for rapid deployment and sustained operations in austere environments.

With over 280 DoD installations located near water, Z-CAS directly addresses the urgent demand for autonomous, low-overhead coastal defense—especially as unmanned surface vessels and maritime threats increase. Unlike traditional security approaches, Z-CAS operates with minimal operator burden while enhancing situational awareness and response time.

“Z-CAS combines proven technology from both companies into a field-ready system that improves security of critical infrastructure without adding operator burden,” said Dustin Kisling, Executive Vice President at ZEGS.

“Picogrid systems are already deployed globally to secure military sites,” said Martin Slosarik, Co-Founder and Head of Growth at Picogrid. “Integrating ZeroEyes’ AI into our existing architecture gives commanders new tools to defend critical infrastructure—without sacrificing the speed, mobility, or interoperability they demand.”

Z-CAS offers a scalable, cost-effective solution for safeguarding personnel and high-value assets at ports, forward bases, special events, and mobile deployments.