ProHawk AI: Revolutionizing Vision in Every Environment

Government Acquisitions

Challenge

Many industries face the challenge of poor visibility in real-world conditions such as fog, rain, snow, glare, and darkness, which can lead to ineffective surveillance, missed incidents, and inaccurate data analysis. Cameras and sensors often cannot overcome these visual obstacles, resulting in blind spots that affect safety, security, and operational efficiency. Upgrading hardware can be costly and still doesn't address these environmental barriers.

Solution

GAI partnered with ProHawk to provide a powerful, real-time computer vision solution that restores clarity to video feeds and images, even in the most challenging conditions. Using patented algorithms, ProHawk transforms live video streams by correcting visual impairments like poor lighting, weather conditions, and obstructions, delivering clear, actionable visuals. This software-based solution works with existing cameras and sensors, enabling faster, more accurate decision-making without the need for costly hardware upgrades.

Benefits

Enhanced Safety and Security:
Detect suspicious activity, breaches, or hazards in real-time across all environments and lighting conditions.

Improved Operational Efficiency:
By resolving poor visibility issues, ProHawk accelerates decision-making and response times.

Cost Savings:
Extend the lifespan of existing video infrastructure without expensive camera or lighting system upgrades.

Scalable and Fast:
ProHawk integrates seamlessly with existing systems, delivering real-time clarity with less than 3 milliseconds of latency.

How ProHawk Works

ProHawk's AI-powered software analyzes video pixel by pixel in real time, correcting for environmental and lighting conditions. Using NVIDIA's advanced GPU technology, ProHawk delivers clearer video streams, allowing both human operators and AI systems to detect objects, threats, and anomalies up to 20 times farther and 1000% faster than standard solutions. The solution is deployable from edge to cloud, making it accessible for industries worldwide.

ProHawk Use Cases:

How can ProHawk make an impact?

Perimeter Security:

ProHawk is deployed in critical infrastructure and government facilities to enhance surveillance, detecting threats in fog, darkness, or rain with unmatched clarity.

Airport Safety:

Airports leverage ProHawk to improve security by monitoring perimeters and terminals in low visibility, detecting unattended bags and unauthorized access

Maritime Operations:

A digital human can guide new ProHawk improves visibility for vessel inspections and port security, even in murky water and severe weather, ensuring quick identification of structural damage and unauthorized activities.

Energy & Utilities:

ProHawk helps utility companies prevent outages by enhancing the visibility of potential faults in equipment and infrastructure, even in poor weather conditions or at night.

By partnering with GAI and ProHawk, organizations can enhance their operational efficiency, improve safety, and lower costs, all while utilizing their existing camera infrastructure.

ProHawk is a cutting-edge solution that brings unparalleled clarity to video, no matter the environment.

GAI at a Glance

Government Acquisitions, Inc. (GAI) is a leader in providing practical, end-to-end IT solutions to the federal government focusing on Artificial Intelligence, Automation, Analytics, Cybersecurity, and the Infrastructure to support every step of the way.

Backed by over 30 years' experience, GAI's team members work side-by-side with your agency and our IT partners to modernize, optimize, and deliver unparalleled mission support. #GAIisAI

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