Intelligence is Your Edge
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The Future of Security is Powered by AI and Intel

Written By Deep Sentinel TEAM

Traditional security systems are failing when it matters most. With [95% of triggered home alarms proving to be false](#), many major police departments across the U.S. — including, as of October 2024, Seattle — are no longer responding to home alarms without verification of an emergency. This leaves businesses and homeowners vulnerable, relying on outdated solutions that do little to prevent crime.

As traditional alarm systems fall short, it's time to rethink how homeowners and businesses approach security. That's where Deep Sentinel comes in.

[Deep Sentinel is redefining security for homes and businesses](#), proving that stopping crime isn't just about reacting — it's about anticipating threats before they escalate. Unlike traditional alarm systems that simply record footage or notify authorities after an incident, Deep Sentinel's security system is able to stop crimes from happening in the first place.

Here's how it works: [Deep Sentinel's cameras use advanced AI algorithms](#) to constantly monitor and analyze activity. When a potential threat is detected, the live feed is instantly streamed to a team of highly trained guards who are watching the live feed 24/7. Their proprietary AI is able to detect suspicious activity in just 5-7 seconds, with live human guards stepping in within 30 seconds. These guards can then intervene in real time, using two-way audio to disrupt crimes in progress and contact law enforcement when necessary.

Achieving this level of performance requires cutting-edge tech, and Deep Sentinel's partnership with Intel has been instrumental in making it happen. By leveraging Intel technology, Deep Sentinel has optimized its system for real-time video processing and threat detection when it matters most. Intel's OpenVINO toolkit enables Deep Sentinel to accelerate AI inference at the edge, ensuring that every intervention is made with speed and precision.

"Intel has given us a reliable, standardized framework to ensure that every Deep Sentinel security system operates with the same level of performance and accuracy," says Morgan Bell, VP of Engineering at Deep Sentinel. "That level of consistency is crucial for a system that's designed to help protect people from potential harm"

Intel's technology has also provided a critical foundation for Deep Sentinel's scalability. In an industry where reliability is non-negotiable, Deep Sentinel requires hardware that delivers uniform performance every time. Intel's solutions ensure that each security system operates with the same high standard, allowing the company to scale its operations quickly without sacrificing quality or dependability.

"Intel's support has been invaluable," Bell adds. "As a young company trying to revolutionize a space, being able to move fast is key — and Intel has made it easy for us to scale without compromising on quality."

By continuing to innovate with Intel's AI and computing advancements, Deep Sentinel is setting a new standard in proactive security. As threats become more sophisticated, this partnership ensures that businesses and homeowners have access to the most advanced, AI-driven protection available — providing peace of mind when it matters most.

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