Exabeam Nova

Agentic AI system for faster, smarter security operations

Introduction

Security operations teams today face a combination of advanced threats, prolonged investigations, and limited staffing. Exabeam Nova helps address these challenges directly.

Embedded in the New-Scale Security Operations Platform, Exabeam Nova is a team of AI agents that work together to automate tasks, accelerate response, and deliver real-time insights without requiring additional tools or licenses. It helps teams respond faster, reduce manual effort, and operate more efficiently.

Why Agentic AI?

Traditional AI assistants wait for prompts. Agentic AI takes initiative—analyzing data, generating insights, and guiding SOC teams without constant human direction.

Exabeam Nova addresses four critical security challenges:

- **Lengthy investigations:** Analysts lose valuable time manually correlating events and building timelines. Many teams still struggle to respond to incidents in under an hour.
- **AI-powered threats:** Attackers are using AI to scale and accelerate attacks faster than traditional detection methods can manage.
- **Evidence collection bottlenecks:** Manually gathering data across tools slows investigations and increases the risk of errors.
- **Security talent shortage:** According to the (ISC)2 2024 Workforce Study, the global cybersecurity workforce gap has reached 4.8 million, leaving SOCs overextended and understaffed.
- **Static dashboards**: Traditional tools surface past activity but don't recommend next steps or guide continuous improvement.

Exabeam Nova: The Newest Member of Your SOC Team

Exabeam Nova goes beyond traditional AI tools. It acts as a force multiplier, augmenting analysts with automation and intelligent, real-time insights.

Unlike standalone assistants that require separate UIs or added costs, Exabeam Nova is embedded directly into the New-Scale Platform. It works across the entire detection, investigation, and response workflow with no additional tools or licenses required.

Accelerates threat detection and response: Exabeam Nova automates evidence collection and analysis, reducing Mean Time to Detect (MTTD) and Mean Time to Respond (MTTR).

Augments SOC teams: Supports analysts, engineers, and security leaders with purpose-built AI agents that manage triage, threat scoring, summarization, and reporting—each aligned to a specific SOC role or function.

Acts as a proactive advisor: The Advisor Agent delivers daily posture insights, maps detections to the MITRE ATT&CK® framework, and recommends targeted improvements. Teams can simulate changes and track progress over time to strengthen their programs.

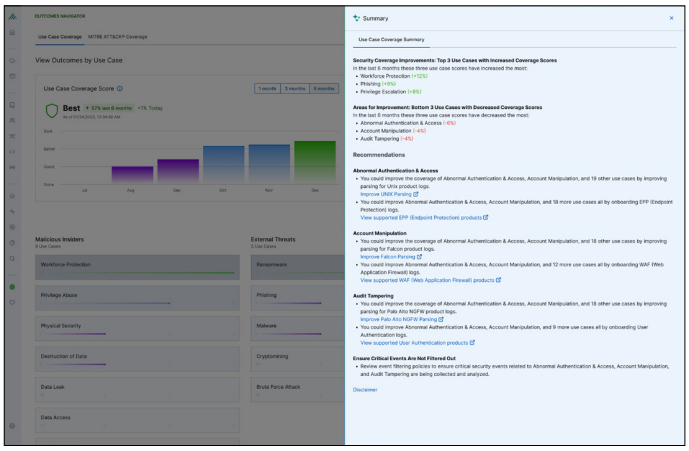

Figure 1. Exabeam Nova integrates with Outcomes Navigator to advise on use-case coverage improvement.

Defends against AI-driven attacks: Uses behavioral analytics and adaptive learning to detect deviations from baselines, uncover stealthy techniques, and prioritize high-risk events with contextual risk scoring.

Reduces analyst burnout: Offloads repetitive tasks like data parsing and case summarization, freeing analysts to focus on higher-value work and improving overall morale and retention.

Protects sensitive data and supports compliance: Encrypts data in transit and avoids cloud-based caching of investigation content, helping teams maintain regulatory compliance and upholds strict data privacy standards.

Built in, not bolted on: Fully embedded in the New-Scale Platform. No added cost. No disjointed workflows. Just streamlined, AI-powered security operations.

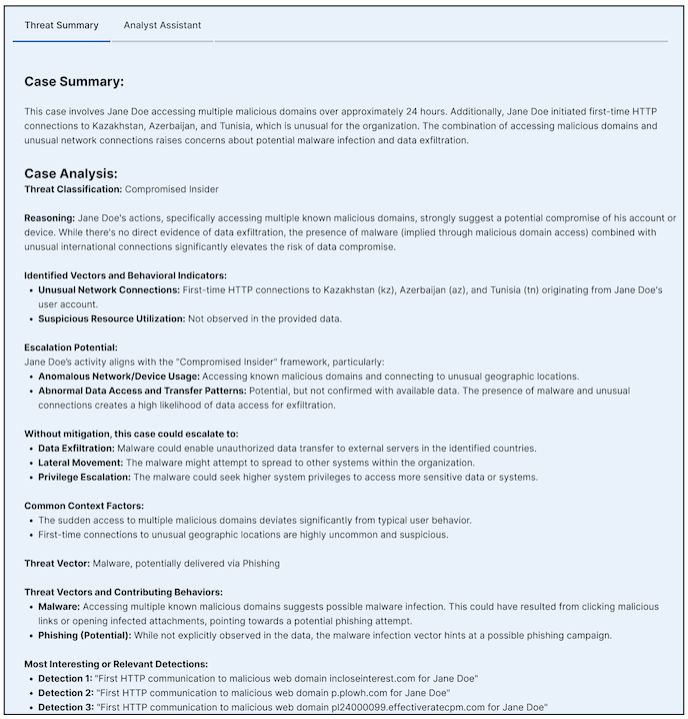

Figure 2. Exabeam Nova detailed investigation summary.

Conclusion

Exabeam Nova helps SOC teams respond faster, reduce manual effort, and stay ahead of emerging threats. By combining automation, intelligent insights, and seamless integration across the platform, it expands detection coverage and improves analyst efficiency.

With Exabeam Nova, your SOC becomes more proactive, more resilient, and better equipped to stop the next attack before it happens.

About Exabeam

Exabeam is a leader in intelligence and automation that powers security operations for the world's smartest companies. As a global cybersecurity innovator, Exabeam provides industry-proven, security-focused, and flexible solutions for faster, more accurate threat detection, investigation, and response (TDIR).

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