Product Benefits

- Gain actionable intelligence through visibility of your environment, from the private network to the public cloud
- Rapidly detect advanced threats and indicators of compromise
- Grow your security with your business while lowering operational overhead
- Greatly reduce false positives with higher fidelity alerts supported by underlying observations
- Attain a stronger security posture across the enterprise, including the public cloud

Product Overview

Secure Cloud Analytics provides comprehensive visibility and high-precision alerts with low noise, without the use of agents. Organizations can also monitor their cloud security posture to ensure configuration best practices and adherence to internal policies, thereby limiting potential risk and exposure of their cloud infrastructure. Secure Cloud Analytics is a cloud-based, Software-as-a-Service (SaaS)-delivered solution. It detects ransomware and other malware, data exfiltration, network vulnerabilities, system, event and configuration risk, and role changes that indicate compromise.

Product Features

Network and cloud analytics
Provides fully automated, real-time analysis of device-level network traffic and patterns of communication for visibility across all devices and resources operating in the public cloud and on the private network.

High-fidelity security alerts
Delivers actionable intelligence while reducing false positives, enabling smarter security actions.

Built-in SecureX platform
Unify visibility, simplify threat response and enable automation with the industry’s broadest, most integrated security platform.

Risk and posture Monitoring
Quickly identify misconfigurations and changes that could introduce risk to the cloud environment, aligned with industry best practices or your internal policy.

Software as a Service (SaaS)
Adds the ease of use, ease of deployment, and flexibility that organizations need to deploy security at scale.

Entity modeling
Provides a behavioral model of every device and entity on the network that is used to automatically identify sudden changes in behavior and malicious activity that is indicative of a threat.
Product features continued

**Automatic role classification**
Identifies the role of each network device and cloud resource automatically based on its behavior.

**Agentless deployment**
Consumes native sources of telemetry and logs from the network and Amazon Web Services (AWS) cloud instances with no need for specialized hardware or software agents.

**Monitoring private network/hybrid environments**
Detects threats and anomalies in the private network as well as your public cloud resources using a single tool to streamline security operations and workflows.

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### How it works

Secure Cloud Analytics provides visibility and threat detection in AWS infrastructures. It is a cloud-delivered, SaaS-based solution that can be deployed easily and quickly. The solution can be deployed without software agents, instead relying on native sources of telemetry such as its Virtual Private Cloud (VPC) flow logs. Secure Cloud Analytics models all IP traffic generated by an organization's resources and functions whether they are inside the VPC, between VPCs, or to external IP addresses. It integrates with additional Cloud Service Provider APIs like Cloud Trail, CloudWatch, Config, Inspector, Identity and Access Management (IAM), Lambda, and many more.

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### Differentiators

- Automated monitoring and visibility. Secure Cloud Analytics provides visibility to every AWS asset and user. Machine learning and modeling algorithms lead to a deeper understanding of normal activity while providing automatic threat detection.
- Easy to use. Leveraging embedded AWS tools like VPC Flow Logs, Inspector, Config, and Cloud Trail Secure Cloud Analytics requires little setup. There are no agents to install, AMIs to deploy or rules to write. Metered version also available.
- Extremely Low noise. Secure Cloud Analytics uses unique dynamic learning of your asset's behavior to generate high-fidelity time saving alerts. Customers have historically rated 95% + of alerts generated as "helpful".

Solution available in [AWS Marketplace](https://aws.amazon.com/marketplace/details/014666001488388/secure-cloud-analytics/)