

How Shield Transformed Its Security Strategy with Cloud Detection and Response for Real-Time Protection

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AWS

Stream gives us the real-time insight and enforcement we need to protect customer data and move fast in the cloud. It's become a key part of our SecOps strategy."



Arye Shulman Ehrenreich
CIO, Shield

Shield is a technology company that provides AI-powered digital communication surveillance and compliance solutions for financial institutions. Their platform helps financial services organizations capture, monitor, and analyze large volumes of communications data to ensure regulatory compliance, reduce false positives, and uncover potential risks. Shield's end-to-end solution allows institutions to streamline their compliance workflows, offering tools for communication monitoring across various channels such as email, mobile, video, and more.

Benefits of Stream CDR

- Real-time detection of misconfigurations and compliance drift
- Streamlined visibility into configuration changes across cloud environments
- Continuous enforcement of compliance guardrails
- Reduced alert fatigue through context-driven detections
- Enhanced collaboration between development and security teams



The Challenge

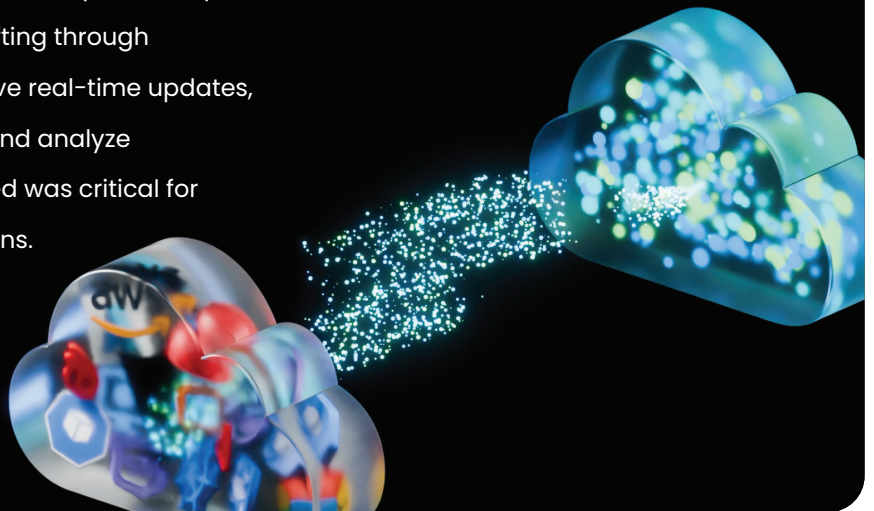
As a company operating in a highly regulated space, Shield faced a growing challenge in managing configuration changes driven by Infrastructure as Code (IaC). These frequent updates introduced compliance risks, with little visibility until after changes were deployed.

Operating under strict data governance policies, Shield needed a real-time solution to detect misconfigurations before they escalated and ensure that any deviations from internal guardrails were identified and addressed immediately.

WHY STREAM.SECURITY?

Shield selected Stream.Security to gain real-time visibility into cloud activities, enforce security policies proactively, and reduce the time and effort spent on sifting through context-less alerts. The ability to receive real-time updates, enforce security guardrails instantly, and analyze configuration impacts as they occurred was critical for Shield's compliance-focused operations.

CloudTwin®



Our Solution

Stream.Security deployed its Cloud Detection and Response (CDR) platform, powered by the CloudTwin™, to model Shield's dynamic cloud environment in real time. This gave the Shield team continuous visibility into configuration changes, compliance drift, and cloud activity across services like Kubernetes and AWS.


With these insights, the Shield team is now able to gain immediate impact analysis of any changes or anomalies in order to swiftly identify and address risky misconfigurations and behavior, enhancing overall security and responsiveness.

The platform enabled:

- Real-time visibility
- Automatic policy enforcement
- Security alignment & shared responsibility model




“Being able to receive a notification on my cell phone and immediately call the team to say, ‘Respond right now,’ is a total game-changer.”

 [View full story](#)




Arye Shulman Ehrenreich
CIO, Shield

Benefits

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Proactive Detection of Risky Changes

With Stream.Security, Shield can now prevent compliance breaches before implementation with automatic and instant surfacing of critical misconfigurations. At Shield, this significantly reduces the chance of business disruptions, and protects customer trust in an industry that deals with sensitive data (Finance).
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Enhanced Team Coordination

Security and engineering teams at Shield now collaborate more effectively through automated alerts and feedback on deployment risks. This alignment minimizes friction between teams, accelerating secure feature delivery and improving overall operational agility.
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Real-Time Policy Enforcement

Shield now stays audit-ready with continuous, real-time enforcement of compliance guardrails – leaving zero tolerance for drift. This makes compliance reporting simple and gives the Shield team confidence knowing that security policies are always enforced.
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Alert Noise Reduction

Stream’s contextual alerting significantly cuts down irrelevant alerts, allowing the Shield team to focus only on critical issues, for faster and more effective protection for the business.

Stream.Security is the industry’s only real-time detection and response solution purpose-built for the cloud. Powered by CloudTwin™ technology, Stream reveals attacker intent, using complete cloud visibility to safeguard your most critical assets and accelerate response to evolving cloud threats.

[Take Stream for a test drive and see the results for yourself >](#)