![sonraí SECURITY + snoop]

CASE STUDY

Snoop Protects Open Banking Platform with Sonrai Dig

Snoop is a fintech start-up, established in spring of 2019 by a team of former senior managers at Virgin Money headquartered in the United Kingdom. Drawing on their heritage of building consumer champion brands and solutions, as well as the opportunities fostered by Open Banking, the co-founding group wanted to create an application which would deliver personalized advice to users across all of their spending – including direct debits and payment accounts.

Snoop enables users to connect all of their bank accounts, credit cards and payment cards to a single cloud-based platform, and then uses artificial intelligence to analyze their spending and transaction patterns. The powerful application has a three-pronged approach to protecting their data..The first is "to keep an eye on their [consumer's] bills, and make sure they aren't being ripped off". The second one sees Snoop scouring the internet to provide money-saving recommendations tailored to things consumers already buy. And the third is money management, showing consumers all their bank accounts in one place. All of Snoop's insights on consumers are powered by Open Banking, which allows Snoop to connect to bank accounts and credit cards, without ever needing to see login details.

While Snoop is not a bank, it does interface with systems that handle customers' financial information and is regulated by the FCA, Open Banking regimes, and more. As such, enterprise security solutions and a robust approach to identifying and managing public cloud risk was critical from the outset of our partnership.companies across the globe. Tracking data movement and access is critical for mandates like GDPR.

This case study examines how Snoop benefits from an identity and data governance solution while building a cloud native app, and how they confidently continue to become an industry disruptor.

The Problem

Snoop leadership realized they needed to secure their cloud naitive app from the onset. Snoop wanted to build a data driven business that was solely cloud native. They wanted an identity and data governance solution that could not only protect access to their differentiated data and AI, but govern identity access to their cloud native platform.

Snoop's small team needed help with managing the multiple aspects of AWS including policy enforcement, cloud security, and governance. Risks due to security and compliance violations are huge challenges for a cloud native company with a small team. Snoop needed a way to ensure that their own cloudbased platform was secure and configured to least-privilege and other cloud security best practices.

"As an open banking service Sonrai is an essential part of our AWS infrastructure security. The platform helps us minimize risk, manage access and comply with ongoing compliance requirements"

— Jem Walters,
Co-Founder & CTO, Snoop

The Goals

Reduce identity risk & complexity

Snoop wanted to eliminate all potential identity risks. They wanted to improve tracking, reporting, and monitoring of all identities – graphing all trust relationships between identities and their permissions. Because it is very complex to keep track of what identities have access to what in AWS, and the permissions each identity may use, Snoop needed a comprehensive solution. With Sonrai Dig, Snoop can map every trust relationship, inherited permission, and policy for every entity. They can identify all excessive privilege, escalation, and separation of duty risks across their AWS roles and accounts. Snoop was looking for tools to help monitor and track identity and data resource access.

Reduce data risk & complexity

Snoop's data is their most important asset and any disruption to it could be catastrophic to their business. Their goal was to effectively manage their data access in AWS. Snoop wants to know who and what has access to the data and the potential risks at all times. With numerous identities with rights and privileges to access data, Snoop decided that Sonrai Dig could help them to continuously monitor both their identities and data. With Sonrai's graph they are now able to map what has access to data and how that access is made possible. This enables them to enforce only those Identities that need access are provisioned. If anything changes that expands access, they are notified or access is automatically revoked with enforcement options.

The Results

Sonrai Dig's identity and data governance made Sonrai Security the perfect fit for solving Snoop's challenges. Sonrai partnered with Snoop in 2020 to help them with identity governance, data governance, and reporting.

As a result of Sonrai Dig, Snoop was able to

- Reduce risk in their public cloud
- Gain visibility and control of identity and data activity
- Get to and maintain least privilege access
- Simplify operations

Identity and access risks were easily identified and systematically removed leveraging the Sonrai Dig platform. As a dynamic start-up, Snoop required the ability to move from proof of concept to production quickly and without complexity. Snoops small team leveraged the value in gaining comprehensive visibility into their groups, policies, identities, roles, accounts, permissions, and trust relationships across all of their AWS cloud accounts. Sonrai Dig integrated seamlessly with out-of-the-box identity risk frameworks and delivered the visibility within days of all 'effective permissions' for data and identities and helped to remediate uncovered risks.

The integration allowed Snoop to de-risk their public cloud of identity and data concerns. With risks identified and removed, activity monitoring improved across their AWS environment. Through identifying interactions and originating identities, Dig was able to identify and continuously monitor all trust relationships across all accounts giving comfort that any unusual activity against sensitive data would be flagged and remediated.

Snoop leverages Sonrai Security to govern its PCI regulated workloads to AWS and increase agility and innovation across the team, while maintaining continuous compliance. This means compliance and platform posture gaps are quickly addressed as Sonrai identifies problems at their source. In addition to powerful graphing capabilities that allows this customer to review security posture in real-time to discover any compromised workloads, open ports, or misconfigurations, Sonrai allows administrators to take the necessary actions to rapidly mitigate risk. With automated monitoring and policy enforcement, Sonrai helps Snoop strengthen their cloud security, simplify cloud operations, and reduces risk in their public cloud helping them get to and maintain least privilege.

Want to see Sonrai Dig in action?
Request a demo today!