

# Sonrai Dig Identity and Data Governance Platform



## Challenges

### Identity Access and Data Risks Across AWS accounts and 150+ services

Identity and data access complexity are exploding in cloud environments. Tens of thousands of pieces of compute, thousands of roles, and a dizzying array of interdependencies and inheritances. Legacy, First-generation security tools miss this as evidenced by so many breaches. How does customers have visibility across all their accounts, identities, roles, permission policies and the resources that are being accessed in one dashboard and having manageable risk score? How do you identify new data stores, track data movement, prevent from exposing crown jewel data without manual reviews and scripts?



## Sonrai Dig Solution

### Eliminates the identity and data risks with auto-remediation bots

Sonrai Security provides a centralized and automated Identity and Data Governance platform for cloud. Sonrai Dig is delivered as a SaaS platform, that is built on a sophisticated graph that continuously identifies and monitors every possible relationship between identities (user and non-users) and data that exists inside the customers' AWS environment. Advanced analytics provided on top of that graph allows users to continuously secure their environments. It leverages built-in ML based governance automation and auto remediation to react at the speed of the cloud and ensure that risks don't become incidents. Swimlanes and Intelligent workflows enable escalations, certifications and risk-exception handling and provide role-based access control for workloads, teams and cloud platforms to ensure adherence to policy. Sonrai Security increase productivity when security and compliance is of a concern.

## Customer Benefits



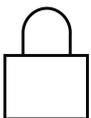
### Accelerated Deployment to Production

Reduced the security audit time from weeks to few hours. The platform increased the Audit coverage to 100% , made it continuous, facilitated Infosec teams to exceed their SLAs. This led to 40 more apps into production.



### Maximize Efficiency and Enforce Compliance

Automation and workflow eliminated 90% (10K) findings in one month and replaced Gen1 tool. That led to increased innovation velocity. 100's of custom cloud control objectives span identity, data and platform governance to meet and exceed regulation mandates were delivered.



### Reduce Risk and Increase Security Coverage

Uncovered 100's of identity risks and excessive privilege missed by manual reviews. 200+ Production AWS accounts automatically baselined and monitored. 100% Security Posture Management for all the Cloud services.



### Auto Remediation

Governance Automation Engine automatically dispatched prevention and remediation bots, provided safeguards in the form of code promotion blocks and ensured end-to-end security and compliance.

## Sonrai Security on AWS

It all starts with [shared responsibility](#) model that AWS evangelizes about. Sonrai helps with customers' responsibility of "Security in the Cloud". Help Cloud Infrastructure, SecOps teams with an automated platform to have visibility across all identities and data risks. Sonrai can help eliminate those risks and thus accelerates the production deployment of workloads and accelerates their business outcomes.

Manual compliance checks, audit and enterprise approval processes slow deployments. Joint customers have used Sonrai Dig to eliminate bottlenecks and speed up the process from several weeks to hours, ensuring high quality of checks.

Audit and security teams of large enterprises more closely scrutinizing cloud expansions. Sonrai Dig is used daily on the basis of a cloud security operating model that streamlines workflow and communication between audit, security, cloud, and DevOps teams. This accelerates procurement.

## Sonrai Dig Features



### Identity Access Risk and Governance

**Who and what has access rights? How did they get access?**

Uncover all identity and data relationships between people and non-people identities (admins, roles, compute instances, serverless functions, and containers) across all AWS accounts and all Data stores. Sonrai Dig graphs all access paths to enforce least privilege and workflow enables certification of identities. Other features such as Separation of duties, Privilege escalation, Toxic Combinations and Dormant identities are addressed.



### Data Protection and Governance

**What or who can access this resource, from where, and what did they do?**

Inside Sonrai Dig, our Crown Jewel Monitor relentlessly monitors your critical data sitting inside object stores (e.g., AWS S3, EBS) and database services (e.g., CosmosDB, DynamoDB, RDS). Suspicious access activity or undesirable changes in access rights are flagged and audited for continuous compliance. Other enhanced features are Data sovereignty monitoring, Data asset inventory, Create custom controls and compliance dashboards and monitoring PII data movement.

## Case Study: Risk Management Solutions (RMS)



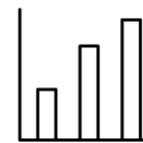
### Challenges

RMS adheres to comprehensive compliance checks and mandates since they hold data for many companies across the globe. Tracking data movement and access is critical for mandates like GDPR. RMS wanted greater insights into identity and how data was accessed by workloads.



### Solution

- Tactical issues and platform configurations that needed remediation.
- Unmanaged legacy cloud accounts that were interacting with RMS core cloud accounts.
- Gaps in security best practices that needed to be addressed at the development level.



### Results

RMS was able to identify and establish all trust relationships between accounts. Compliance and platform posture gaps were quickly addressed as Sonrai Dig identified problems at their source. Finally, the Sonrai platform's continuous monitoring of identity, access, and least privilege ensures best practices are adopted across RMS DevOps teams.

## Get started with Sonrai Security solutions on AWS

Visit AWS [Marketplace](#) or APN Partner [website](#) to purchase or talk to us today at [AWSTeam@sonraisecurity.com](mailto:AWSTeam@sonraisecurity.com)