Polar detects shadow data and sensitive data flows for Ocrolus

Industry	Region	Champion
Financial Services	North America, EMEA	Julian Cohen, VP of Security

> “In only a few minutes, we were able to deploy Polar and gain immediate insights about our shadow data.“
>
> **Julian Cohen, VP of Security**

Challenges

- ✗ Understand, catalog, and classify sensitive data
- ✗ Continuously and automatically discover all cloud sensitive data
- ✗ Understand and control access to sensitive data
- ✗ Mapping all data flows and specifically identifying anomalous ones

Results

- ✓ Shadow Data
  (data stores that security didn’t know about)
- ✓ Multiple flows of sensitive data and anomalous access to data
- ✓ Inventory of third-parties that have access to the company's datastores
- ✓ Routes between accounts, environments (including higher-to-lower environment data flows), and regions (including cross-border data flows)

The values achieved by using Polar:

- **Automated Data Inventory**
- **Detection of Anomalous Access To Sensitive Data**
- **Continuous Discovery of Shadow Data**
- **Monitoring of Data Movement In Real Time**

Why Does Ocrolus Need Data Protection?

As a cloud company operating in the space of financial services, dealing with sensitive customer data is not a rare occurrence for Ocrolus. The company processes and stores sensitive data every day. In fact, data is the driving force behind their product and thus, they will do everything they possibly can to protect it.

The company's data security needs are the following:

1. Understand, catalog, and classify sensitive data
2. Continuously and automatically discover all cloud sensitive data
3. Understand and control access to sensitive data
4. Mapping all data flows and specifically identifying anomalous ones

Before using Polar, detecting, classifying, and labeling cloud data was so time-consuming and costly for Ocrolus, it was impossible to maintain on a regular basis. Now, the whole process has become completely automated. The Polar platform allows Ocrolus' security team to view an automatically and continuously updated data inventory and map all sensitive data.

In addition, security team members can always use the "Live Map" feature to track data flows and highlight anomalous ones. Overall, Polar enables Ocrolus to focus on the things that matter the most; data vulnerabilities and compliance violations.

Why are existing solutions in the market not enough?

There are a lot of cloud security solutions out there. Some handle misconfigurations in the cloud infrastructure, some tackle compliance and privacy, and some focus on access risks. However, there are no other solutions which unify and automate data discovery, classification, data flow mapping, and remediation of exposed sensitive data into one platform.

Cloud Security Posture Management (CSPM) solutions, for example, simply lack the data context. They cannot answer the data questions Ocrolus cares about, like: "what sensitive data do we have?", "where is it stored?", "how is the data flowing", "is it exposed?", etc.

Polar's solution doesn't replace CSPM solutions, it compliments them in a way that adds the most important layer of security, a data-centric layer which focuses strictly on data security, best practices, and compliance. Something, as noted, other solutions simply cannot do.

The things you like about using the Polar Platform

"Working with the technical team at Polar has been a pleasure. The team has always shown a great level of professionalism and service, from the very beginning, through the entire PoC process, and into today."

The company's data security needs are the following:

Automated Data Inventory

Completely eliminates the need for manual operations. The data inventory is being automatically and continuously updated, allowing the company to move forward with development at their desired speed, without sacrificing security

Detection of Anomalous Access To Sensitive Data

Polar allows Ocrolus to monitor what 3rd-parties they have in their environment and whether these have access to sensitive data

Continuous Discovery and Coverage

Not a single datastore goes unnoticed. Whenever someone on the team has a question or concern about data - all they have to do is open the Polar platform and look at the relevant dashboard

Monitoring of Data Movement In Real Time

Polar monitors data movement and data access in real time and provides the team at Ocrolus with actionable insights whenever something goes wrong

About Polar Security

Polar Security is the pioneer of the Data Security Posture Management (DSPM) platform. Our goal is to help cloud companies see, follow and protect everything they build and run in AWS, Azure, GCP, Snowflake, and Databricks.

Our data security, governance and compliance platform operates in an autonomous fashion, allowing cloud security and compliance teams to continuously monitor, classify, follow and protect their sensitive data continuously and in real-time.

The Polar Security solution is agentless, leaving zero impact on performance. It is also non-intrusive - designed with read-only permissions. The solution connects within minutes (plug-and-play) and is ready to provide value almost instantly.

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