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School of Informatics, Computing, and Cyber Systems

## SSD Observability, **Analytics, & Insights Platform**

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## **Our System** Running on **Linux Virtual** Solid State



Store

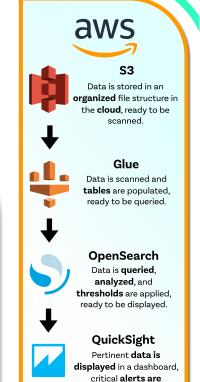
**Analysis** 

Manually

**Analyze** 







configured for

notifications.

## **Problem**

**Drives** 

**Current Workflow** 

Individually

Collect

- There is currenty no efficient system to collect, store, and analyze device performance data beyond the application-level, making it impossible to predict certain critical errors in SSD's.
- · Current manual, per-drive approach to drive performance analysis is time consuming and resistant to automation.
- The data storage industry lacks a centralized platform for organizing and displaying data.



- resulting in industry leading error prediction and preventative action.
- · Automate collection and analysis of data.
- · Store and organize data using cloud solutions.
- · Visually display critical findings and long-term data.
- · Connect all elements in an efficient, reliable, compatible, and easy-to-maintain system.