Data Sheet

Solve Flow Control and Storage Scale.

The enterprise of today is a hybrid landscape of data! The patchwork quilt of interconnected on-premises systems, SaaS applications, microservices, and edge devices across multiple public and private clouds generate enormous volumes of diverse data. Given the amount of data insight-driven businesses need, it has become supercritical for organizations to use modern technologies like AI, ML, and automation to derive more value from their data and go from data to insights superfast.

What makes all of this even more challenging is maintaining the highest security and compliance standards for the data that drive their businesses.

Battling data sprawl and complexity

Battling data sprawl while simultaneously deriving valuable insights from data is a tough battle. We cannot overstate the importance of solving the challenges of managing the complexity of the data landscape today and transforming it into insights that fuel critical business decisions. Enterprises today are finding it hard to keep up with the rate at which data is increasing in complexity. According to Forbes, 90% of the world's data was generated in the last two years alone, at an alarming rate of 2.5 quintillion bytes each day.

Machine and observability data make up a significant percentage of this data sprawl. Unfortunately, the challenges mentioned above of deriving value, controlling the sprawl and complexity, unlocking insights, and governance also apply to machine and observability data.

An analysis of the abilities of current observability data management systems reveals deficiencies too glaring to overlook. They can neither control data flow in terms of relevance and volume nor provide store data in a way that enables real-time access to data when needed. These are not good problems to have given the role in-time, relevant, and high-quality data plays in unlocking transformational insights.

Solving the flow control and storage problem

We've faced the flow control and storage problem in the real world before - with water. We solved these problems by building dams that provide storage and enable flow control simultaneously. Using dams, we can channel water at the right time and in the right quantities to the correct targets like irrigation, power generation, mining, etc., while storing it such that it is available on-demand and in real-time.

If we abstract this example and apply it to data management, we get data dams. Enterprises need to deploy data dams and move beyond the traditional concept of data lakes that are increasingly turning into data swamps today.

Enabling flow control and scalable storage with LogFlow

Apica's LogFlow built on InstaStore leverages this concept to ensure that data critical for your business insights and processes is always available to the systems, teams, and SMEs that need it, on-demand and in real-time. LogFlow ingests all kinds of machine and observability data from any source at any volume and velocity.

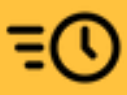
A significant portion of machine data is noise and is irrelevant. LogFlow analyzes ingested data using AI and customizable rules and filters to drown out the noise and reduce data to its entirely relevant state. LogFlow's data forwarding and replay system channels highly relevant data to the correct targets at the right time, in real-time.
InstaStore stores a copy of 100% of all ingested data and provides real-time access to all data, regardless of when LogFlow ingested it into the system. LogFlow has the precious capability of replaying desired data sets from any timeframe to the desired targets.

InstaStore virtually guarantees limitless storage and the lowest possible cost by using object storage as the primary storage layer.

By using InstaStore with LogFlow, your business can achieve:

100% enterprise control and governance over data sprawl

Better insights into data



Better efficiency due to reduced time and effort

Precise analytics and business insights