

Real-time visibility into stacks, sensors, and systems

Why InfluxDB?

- Built for developers, InfluxDB provides visibility across all your stacks and applications.
- From nanosecond precision to 99.999% uptime, InfluxDB can handle the toughest standards at scale.
- Deep insights for unified metrics and events.
- Capture and analyze untapped data from virtual and physical assets to seize new opportunities.
- Can handle millions of metrics a second and identify patterns, predict the future, control systems, and turn real-time and historical insights into action.

Product overview

InfluxDB is a purpose-built data platform designed to handle all time series data, from users, sensors, applications, and infrastructure. It seamlessly collects, stores, visualizes, and turns insight into action. InfluxDB puts the power in your hands with developer tools that make it easy to get started quickly with less code.

Product features

Built for time

InfluxDB is a high-performance data store written specifically for time series data. It allows for high throughput ingest, compression, and real-time querying. InfluxDB can handle millions of data points per second.

Get data from everywhere

Getting insights from your systems, stacks, and sensors is easy. InfluxDB connects to Telegraf, a plugin-driven server agent for collecting and sending metrics and events from almost anywhere.

Deeper insights

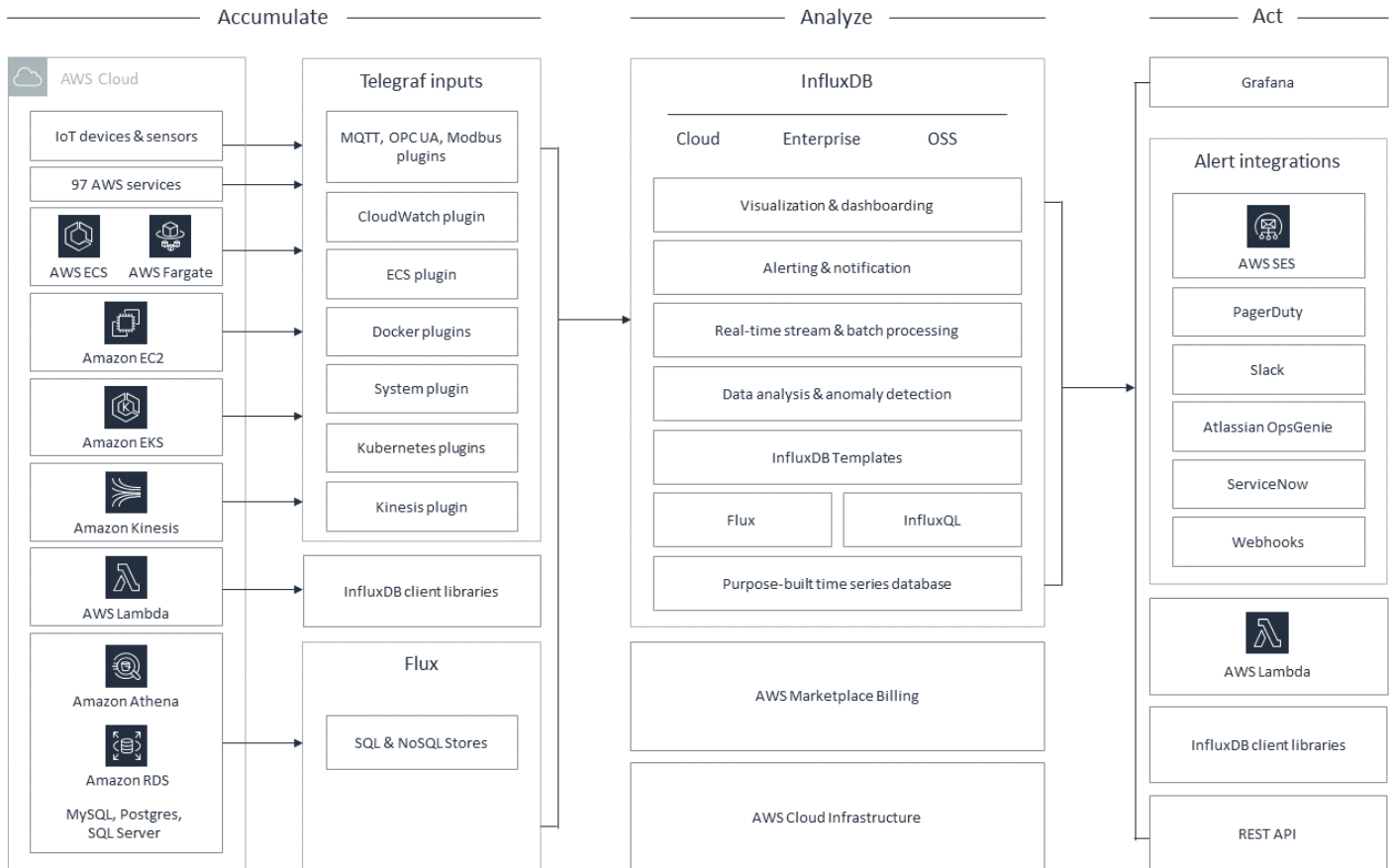
InfluxDB is equipped with Flux, a powerful language that allows developers to see across time. Now it is possible to find hidden meaning in data, more accurately detect anomalies, power notifications, and act in time.

High performance

With a rapid ingestion rate – up to millions of metrics per second – and highly efficient compute, InfluxDB offers downsampling and compression functions. It is up to 100 times more powerful than non-specialized time series solutions.

How it works

InfluxDB empowers developers to build internet of things (IoT), analytics, and monitoring software. It is purpose-built to handle the massive volumes and countless sources of time-stamped data produced by sensors, applications, and infrastructure.



Differentiators

- Grow your organization with enterprise-grade security allowing developers to build anywhere: edge, cloud, on-prem.
- Ingest metrics, events and logs in a high-performing time series database capable of ingesting millions of data points per second.
- Perform analytics to get faster detection, and resolution, or set up alerts or anomaly detection with a simple click.

How Houghton Mifflin Harcourt Gets Real-Time Views into Their AWS Spend with InfluxData



Houghton Mifflin Harcourt

About Houghton Mifflin Harcourt

As a global learning company, HMH specializes in pre-K-12 education content, services and cutting-edge technology solutions for today's changing landscape. Available through multiple media, the company's content meets the needs of students, teachers, parents and lifelong learners, no matter where and how they learn.



About InfluxData

InfluxData is the creator of InfluxDB, the open-source time series database. The technology is purpose-built to handle the massive volumes of time-stamped data produced by IoT devices, applications, networks, containers and computers. InfluxData is headquartered in San Francisco with a workforce distributed throughout the U.S. and across Europe.

Challenge

The company needed real-time cost visibility into its many accounts, each of which manages its own services. They lacked that closed loop of feedback into what their infrastructure decisions are costing. They needed a more dynamic and automated way to track metrics.

Solution

With the real-time visibility, time to value, and control that InfluxData has provided, Houghton Mifflin Harcourt's Bedrock Platform Technical Services team is now able to better align performance with the fiduciary aspects of infrastructure operation.

Benefits

- Robust and performant tagging
- Retention policies fundamental to InfluxDB
- Continuous Queries / Kapacitor that provide first-class workflows
- Suite of tools in one platform working to a common goal

“ Houghton Mifflin Harcourt (HMH) needed real-time cost visibility into its many accounts. Each month, they ingest about 23 million line-items they convert into points that represent the billing for one hour. With the real-time visibility, time to value, and control that InfluxData has provided, HMH can align performance with the fiduciary aspects of infrastructure operation. They can view spend by product and hourly cost as well as break down their run rate by certain products. ”

Robert Allen, Director of Engineering, Houghton Mifflin Harcourt

Data Points

450K+

InfluxDB databases running now

#1

Out of ranking of Top 15 time series DBs

Additional Resources

- [Video: InfluxDB on AWS](#)
- [InfluxData and AWS](#)

Solution available in [AWS Marketplace](#)