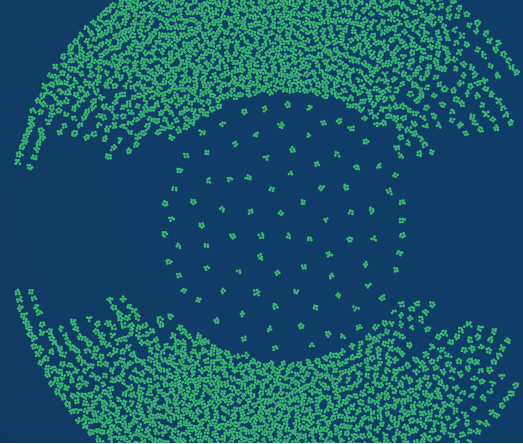**TECHNICAL BRIEF**

Chronosphere Lens

Bring observability data into focus

Chronosphere Lens delivers dynamically generated, service-centric views for both troubleshooting and proactive exploration. It allows developers to intuitively navigate the complex landscapes of their systems using their own mental model, not the raw observability data (metrics, logs, traces, events).

By turning raw data into actionable insights and streamlining complexity into a navigable roadmap – all while speaking the language you understand, we're empowering your developers to troubleshoot efficiently and drive meaningful innovation.

The Challenge

Developer inefficiency is a hidden but substantial cost for organizations. Technically, it results in deployment delays and complicates troubleshooting. From a business standpoint, these delays lead to lost competitive edge, revenue gaps, and churning customers. Most concerning, is the toll it takes on developers—increased burnout and dissatisfaction as they sacrifice valuable coding time, nights and weekends, to on-call incidents.

Navigating, investigating, and remediating in a cloud native world has many challenges that impact developer efficiency:

Over-Reliance on "Hero" Developers or SREs

Cloud native complexity often falls on a few "hero" devs or SREs, lengthening Time-to-Remediation (TTR) during incidents due to intricate, evolving systems.
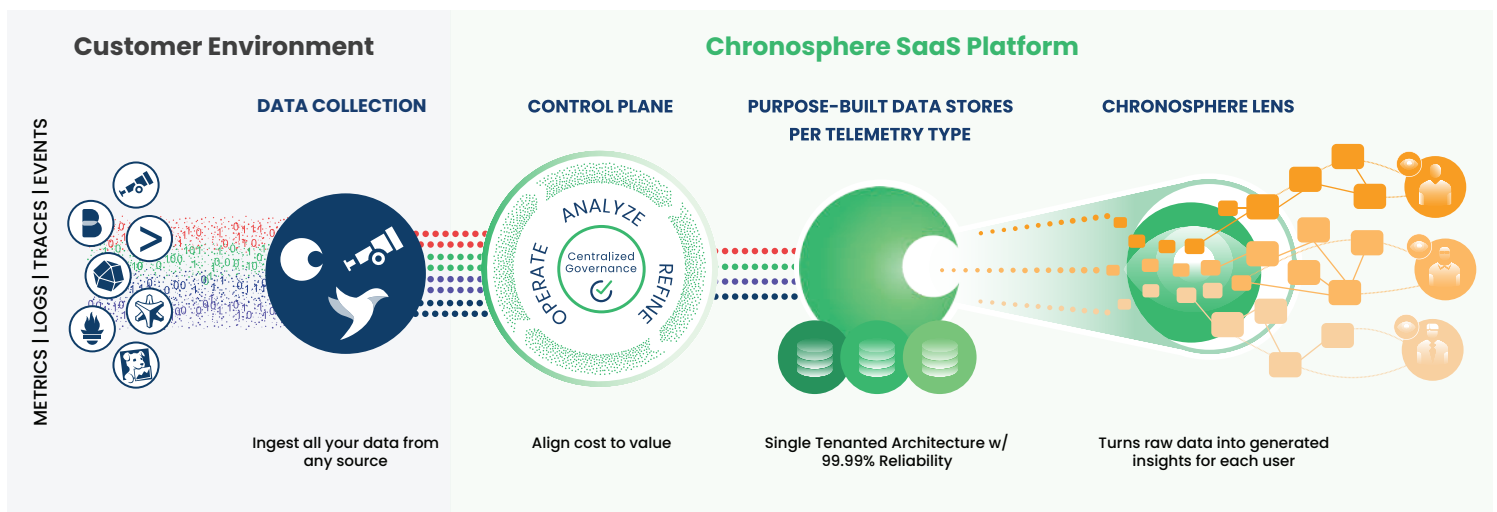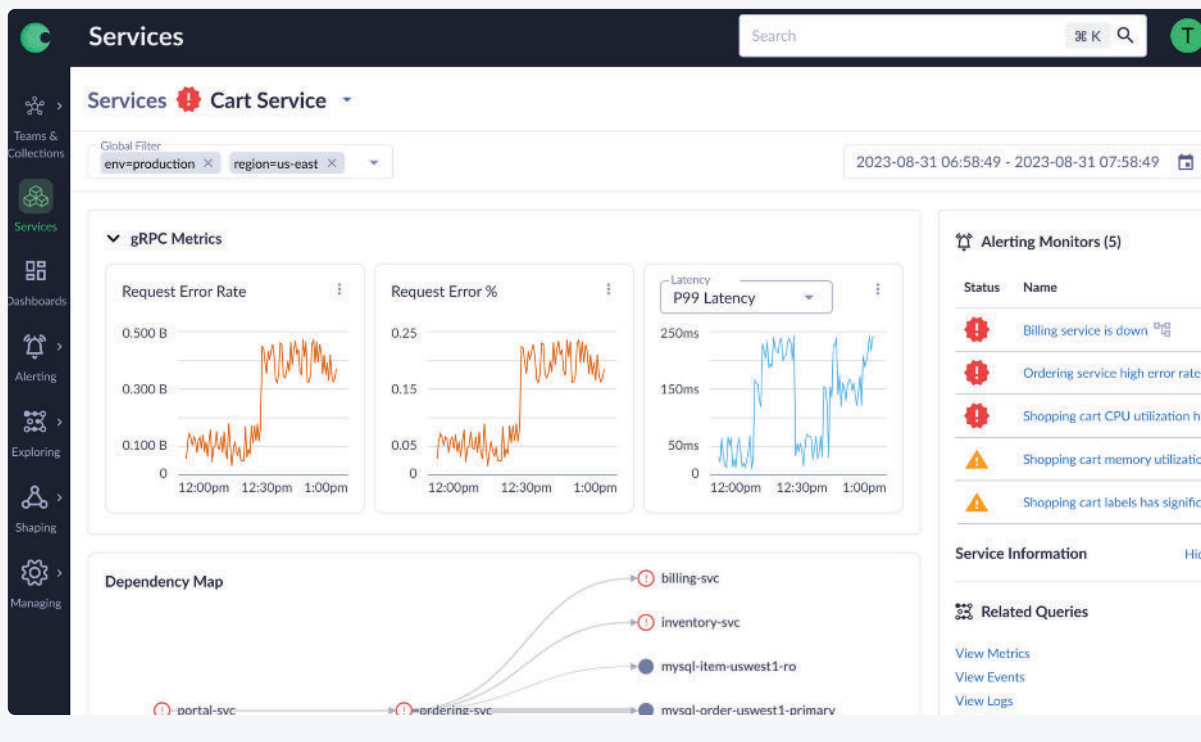
Fragmented Visibility and Response

Developers grapple with fragmented data and uncorrelated anomalies in complex environments, leading to prolonged customer-facing incidents and revenue loss.

Tools That Don't Match Developer Mental Models

Current observability tools often misalign with the developer's thought process and the "you build, you run it" workflow, causing cognitive load and inefficiency due to the lack of service-centric features.

Customer Environment | **Chronosphere SaaS Platform**

METRICS | LOGS | TRACES | EVENTS

DATA COLLECTION — Ingest all your data from any source

CONTROL PLANE — ANALYZE · OPERATE · REFINE · Centralized Governance — Align cost to value

PURPOSE-BUILT DATA STORES PER TELEMETRY TYPE — Single Tenanted Architecture w/ 99.99% Reliability

CHRONOSPHERE LENS — Turns raw data into generated insights for each user

How We Solve It

Automated Service-Centric View

Gain real-time, dynamic visibility into your services without manual configuration. Our automated service-centric views contextualize and centralize performance metrics, system behavior, and service dependencies in one unified panel.

Automated Service Discovery

Forget manual registrations. Chronosphere Lens continuously scans your environment to identify new services and updates as they happen. Get up-to-date listings and dependencies automatically, enhancing your situational awareness and accelerating issue resolution.

Global Service List

Manage and track all your services in a unified global list that not only simplifies cross-team communication but also provides real-time performance indicators for each service. Recognize service ownership and its current status to make data-driven decisions all from a single, comprehensive view.

Key Benefits

Improve Developer Productivity

Distributing expertise and responsibility **enhances workflow efficiency**, reduces bottlenecks, encourages proactive problem-solving, and nurtures a healthy working environment, **retaining valuable team members.**

Reduce Operational Overhead

Elimination of fragmented visibility into metrics, events, traces, and logs allows developers to act more swiftly; **shortens customer-facing incidents;** and **increases release velocity.**

Decrease Time-To-Remediation

Aligning Chronosphere Lens with developer and cloud native practices frees cognitive overhead. This enables quicker problem-solving and provides more time for **creating innovative, revenue-generating features** that address customer needs.

About Chronosphere

Chronosphere is the only cloud native observability platform that puts engineering organizations back in control by taming rampant data growth and cloud native complexity while accelerating innovation. Faster alerts and issue resolution ensures responsive and reliable cloud native workloads underlying the most valuable services at leading organizations like DoorDash, Robinhood, and Abnormal Security. Teams at organizations of all sizes trust Chronosphere to help them drive competitive advantage and world-class customer experiences while reducing engineering burnout and eliminating lock-in.

chronosphere