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Alluvio Unified Observability Platform

A secure, highly available and scalable SaaS platform for cloud-native observability services.

Leverage the power of cloud for scale, elasticity, and resiliency. When organizations invest in an observability platform that unifies data, insights, and actions across IT, they can resolve problems faster by eliminating data silos, resource-intensive war rooms, and alert fatigue.

Common IT Challenges

Highly distributed and dynamic IT environments make it difficult for IT teams to deliver seamless digital experiences to customers and employees.

- Siloed domain-specific monitoring tools flood IT with massive volumes of data and alerts but fail to provide context or actionable insights.

- Manually correlating information across disparate monitoring sources is time-consuming and requires scarce, highly experienced staff.

- Discrete monitoring tools also require excessive effort for administrative functions like security, authentication, provisioning, and integration with configuration management databases and third-party ITSM/AIOps solutions.

As a result, IT spends too much time on manual tasks required to run the business and not enough on projects to grow the business.

The Alluvio Unified Observability Platform

The Alluvio™ Unified Observability Platform provides comprehensive, standards-based cloud-native capabilities for deploying and administering Alluvio unified observability services. Deployed on Azure, the Alluvio Unified Observability Platform supports a suite of SaaS-based observability tools that IT can deploy quickly, administer securely, and scale seamlessly.

With advanced AI and ML-powered analysis and workflow engines, the Alluvio platform enables new services that streamline repetitive tasks so IT can deliver better digital experience.

The Alluvio platform centralizes authentication, privacy, and provisioning so IT can efficiently administer multiple observability services. Its capabilities for ingesting, correlating, and storing massive volumes of data support observability use cases for today's highly distributed IT infrastructures.
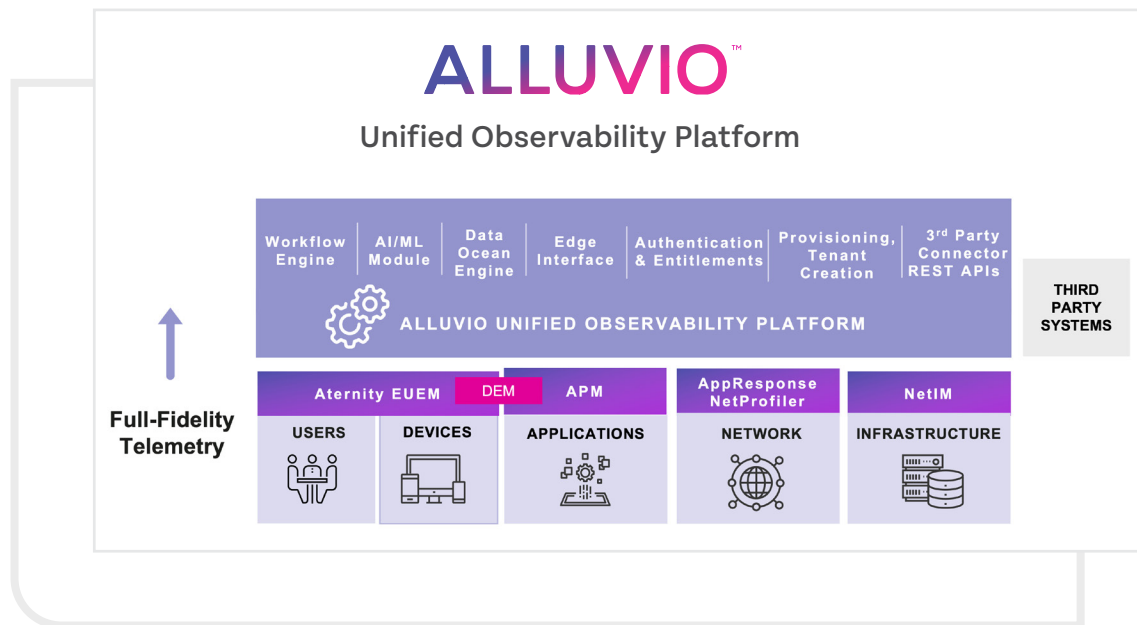
Advanced AI and ML-powered Analytics

The Alluvio platform's workflow engines and advanced AI and ML-powered analysis can be leveraged across observability services to streamline repetitive tasks so IT can resolve problems faster and deliver better digital experience.

- **Workflow Engine**: An extensible workflow engine powers runbooks and provides a novel way of interacting with data.

- **AL/ML**: The platform's AI/ML capabilities are designed to replace the rules-based alerts of traditional systems which fail to provide the context IT needs to resolve issues.

Scalability and Reliability

The Alluvio Unified Observability Platform is built on Azure and uses cloud-native services that are elastic and highly scalable. It is designed using industry best practices to deliver secure, highly available solutions, 24x7 around the world.

- **Data Ocean**: The Alluvio Data Ocean enables IT to manage ever more complex IT environments by gathering the data and objects needed, then stitching them together in response to a user's question.

- **Alluvio Edge**: The Alluvio Edge enables customers to keep large volumes of full fidelity data on-premises or close to its source for economic and security reasons,

while securely streaming only the required data to the cloud in response to on-demand queries from Alluvio platform services.

- **Availability and Disaster Recovery**: We maintain comprehensive Disaster Recovery procedures in different availability zones, and we test them monthly for each environment.

Security and Privacy Standards

Riverbed's Alluvio SaaS teams leverage tools, technologies, and processes such as the Riverbed privacy by design framework to design, build, deploy, operate, and maintain a strong foundational security platform. The Alluvio SaaS team undergoes rigorous audits by third-party services.

- **Compliance**: The platform is GDPR compliant. We expect certifications for SOC 2 Type II and ISO 27001 by the end of 2022 and FedRAMP after that.

- **Regional Data Centers**: The Alluvio Unified Observability Platform will run in multiple regions across the world to comply with local regulations and data privacy needs. We have regions available in the U.S. and Germany, with additional regions to follow.

Centralized Administration

The Alluvio Unified Observability platform centralizes authentication and provisioning so IT can efficiently administer multiple observability services without having to rebuild processes.

- **Authentication**: The Alluvio Unified Observability Platform supports SAML 2.0 for user management and authentication, so administrators can leverage their own identity provider for a secure seamless login experience aligned to the organization's access policies.

- **Provisioning**: Tenant creation, usage and billing are handled centrally by the Alluvio platform, giving administrators one place to track consumption, invoicing, and billing across various observability services.

- **Third-Party Connector/REST APIs**: Through open REST APIs, the Alluvio Unified Observability Platform adds value to a broad ecosystem of third-party tools by both ingesting telemetry from other data sources and exporting actionable insights to ITSM or AIOps tools.

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Riverbed — Empower the Experience

Riverbed is the only company with the collective richness of telemetry from network to app to end user that illuminates and then accelerates every interaction so that users get the flawless digital experience they expect across the entire digital ecosystem. Riverbed offers two industry-leading solution areas – Alluvio by Riverbed, an innovative and differentiated Unified Observability portfolio that unifies data, insights, and actions across IT, so customers can deliver seamless digital experiences; and Riverbed Acceleration, providing fast, agile, secure acceleration of any app over any network to users, whether mobile, remote, or on-prem. Together with our thousands of partners, and market-leading customers across the world, we empower every click, every digital experience. Learn more at riverbed.com/unified-observability.