

Accelario Continuous DataOps Platform

Eliminate DevOps bottlenecks and deliver access to high-quality, privacy-compliant data any time, any place.

The Challenge: Data is one of the last remaining roadblocks in the DevOps process

The adoption of DevOps, CI/CD and other modern dev methodologies is making unfettered, continuous access to high-quality, privacy compliant data a strategic priority. Engineering teams in high performance organizations require a constant stream of fresh, production-like data for development, testing, integration, enablement and incident troubleshooting

To ensure that their teams are working at full capacity and delivering at high velocity, organizations must shift their data provisioning strategy towards continuous data refresh cycles while maintaining compliance with regulatory-driven data privacy issues. Yet, many organizations are still struggling to eliminate data

bottlenecks and empower deployment flexibility, while ensuring that data access policies are compliant. Engineering teams don't have the time to wait for data teams to deliver their data and still meet their deadlines. Traditional Test Data Management practices simply aren't capable of meeting the data needs of modern application development processes.

The Solution: Privacy-driven, ongoing refresh of production-like data

Accelario's Continuous DataOps Platform simplifies data access and accelerates data provisioning without compromising on privacy and security requirements. This innovative, self-service solution continuously delivers production-like data via an automated, fully-compliant pipeline. With Accelario, organizations benefit from a cost-effective data management solution that accelerates delivery velocity by eliminating data bottlenecks.

Accelario's Continuous DataOps Platform is comprised of four distinct modules which are available both as stand-alone, individual solutions as well as a holistic, comprehensive DataOps management platform:

- › **Data Virtualization.** Provides a self-service virtualized data provisioning system that can deliver virtual databases to as many DevOps environments as needed without increasing the storage footprint. These database copies contain anonymized, production-like data, from any point in-time, of the production databases. Virtual databases can also be shared with teammates and integrated with CI/CD pipelines while providing additional abilities including rollback, duplication, and managing data versions like code.
- › **Data Masking.** Enables in-place masking via an intelligent, sensitive data search engine to easily locate and mask production sensitive data, irreversibly and in accordance with predefined masking policies (e.g. GDPR, HIPAA). Masked data is transformed into production-quality data which preserves referential integrity with minimal user intervention throughout the masking process.
- › **Data Copy.** Copies source data into the target database, either on-prem or in the cloud, in a fast, secure and user-friendly manner. It provides on-the-fly masking for maximum privacy protection and optimal subsetting capabilities.
- › **Synthetic Data.** Generates full synthetic databases with enhanced test coverage to meet the most rigorous Dev/QA test requirements. Synthetic generation rules are automatically assigned, and so require minimal user intervention throughout the synthetic data generation process.

The Accelario Advantage:

- › **Self-service**
 Transform complex, DBA-reliant data provisioning processes, such as data refreshing, rollbacks and data sharing, into simple, one-click workflows that anyone on the dev team can handle.
- › **Virtual**
 Clone data into virtual databases that require zero storage allocation inside the DevOps environments and provide accurate test data coverage with integrated subsetting and synthetic data generation capabilities.
- › **Continuous data refresh cycles**
 Ensure that the most up-to-date test data is available in real-time or on-demand.
- › **Compliant**
 Sensitive data search and data masking ensures that your organization maintains compliance with the strictest data privacy regulations.
- › **Automated**
 Automate data operations via a rich API to ensure streamlined compatibility with CI/CD and modern software delivery pipelines. Integration with DevOps tools like Jenkins and Ansible Tower empowers automated data provisioning.
- › **Deployment flexibility**
 Full support for deployment in on-premises, hybrid cloud and multi cloud, including AWS, Azure and Oracle cloud environments.

Accelario Continuous DataOps Platform provides a “one-stop shop” for the full spectrum of DataOps services

How It Works: Solution By Accelario

