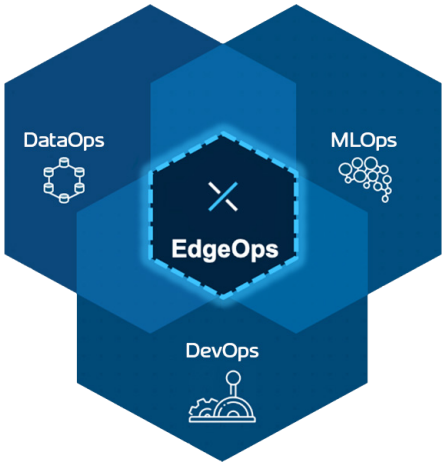
EdgeOps Datasheet



Key Features

- Ultra-lightweight, low-latency, run-anywhere Operational Pipelines
- Centrally managed pipeline orchestration and versioning
- Low-code graphical pipeline builder
- Edge-native AI/ML inference with integrated MLOps
- Multi-Source distributed data collection, storage, and analytics
- Distributed Database with Data Mesh architecture
- Inexpensive, non-disruptive deployment model
- Self-managed, self-contained, and user owned
- Seamless scaling with modern microservices architecture
- Easily extendable and flexible
- Supports any AI/ML use case
- Pre-packaged ML models for non-expert use

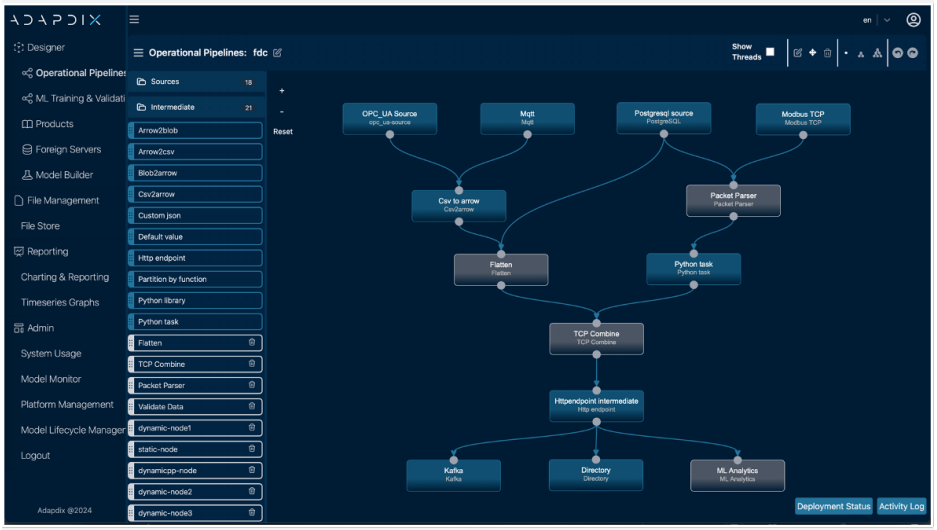
Customer Benefits

- Easily integrate new sources of data
- Accelerate AI/ML and solution development
- Increased reliability of AI/ML in production environments
- Focus on Business Logic
- Reduced cloud and data transport costs
- Optimizes solutions requiring distributed analytics and operation in hybrid system architectures

Unlock Analytical Data

Artificial Intelligence and Machine Learning (AI/ML) have made their way into every aspect of our modern society. From micro day-to-day interactions to the macro global economy, AI/ML continues to have profound impacts on the way goods are consumed and delivered. As a result of its success, there is a push in every industry to leverage AI/ML in daily operations, and software that fails to leverage its benefits risks falling behind in a competitive landscape.

EdgeOps is a full-featured, extensible, data automation and analytics platform designed to enhance existing offerings by making it easy to integrate any source of data and enrich it with in-stream AI/ML capabilities. Whether you are looking to offer pre-packaged solutions or integrate fully customizable machine-learning features, EdgeOps provides production ready AI/ML analytics including integrated MLOps tooling, and the ability to connect new sources of data from edge to the cloud. The platform can be used in any industry, but its edge-first, horizontally scalable architecture is particularly well suited for use cases requiring on-premise data storage or analytics, data sovereignty, continuity of operations, or the need for federated multi-site data analysis.



Comprehensive EdgeOps Platform Capabilities

Distributed Database

Offload production systems and store multi-variate data from distributed sources with the ability to build, deploy, and manage in-stream AI/ML models. The edge-first, data mesh architecture maintains data close to the source allowing data and AI/ML features to remain geographically distributed while retaining performant access to federated data via parallel, distributed, and highly available queries – providing users real-time access to data of any size.

Integrated MLOps

The EdgeOps Platform provides a simple way to take models from concept to production. In a single environment, data scientists can perform exploratory data analysis, track model experiments, train and version models, deploy them at scale, and continuously monitor their performance. Integration with third party model registries is possible but not required.

Operational Pipelines

Access, transform, and enrich valuable data from any source. Our intuitive pipeline manager makes it easy to build and deploy powerful automations into any environment. Centralized management provides secure, flexible, and scalable data orchestration that supports efficient and reliable operation at the scale required for organizations to deliver data-centric analytics and insights.

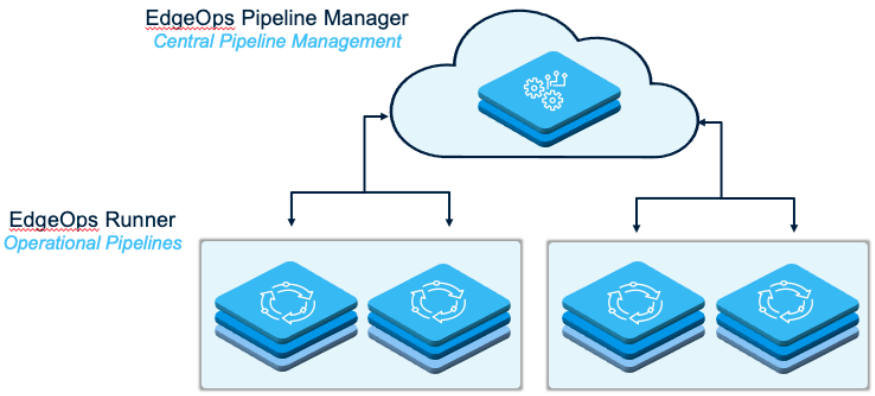
EdgeOps Datasheet

Flexible Product Offering

The Adapdix EdgeOps Platform is designed to be extremely versatile, capable of enhancing existing product offerings by seamlessly integrating AI/ML capabilities and managing the entire ML lifecycle. Additionally, the platform abstracts the difficulties of data collection and management, allowing partners to focus on business logic to accelerate application delivery or simply unlock new sources of data. For partners without existing products, the platform can also be used for building complete, production ready, end-to-end solutions, managing everything from data collection, processing, storage, and dashboarding, to AI/ML analytics and third-party integrations/automations. Access to EdgeOps as a white-label offering allows partners to rebrand the platform and deliver it as part of a unified solution to end customers.

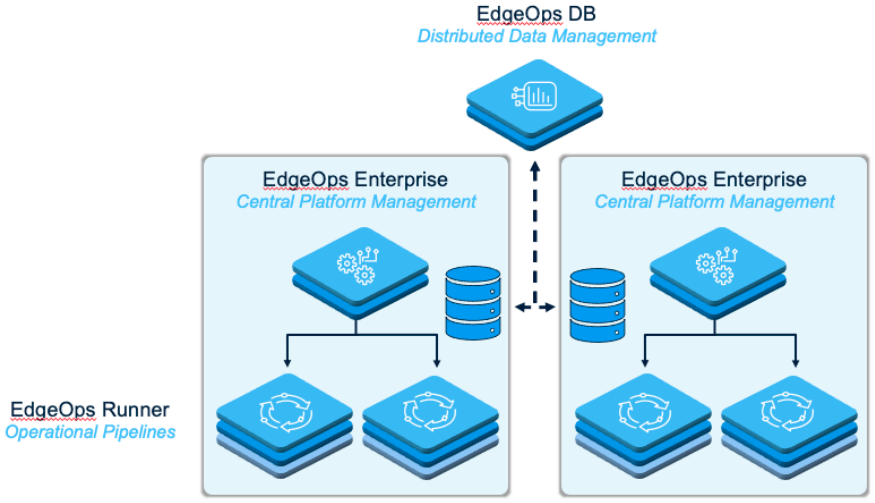
For maximum flexibility, EdgeOps comes in two product offerings: EdgeOps Pipeline Manager and EdgeOps Enterprise. EdgeOps Enterprise includes the full, self-contained, and self-managed platform, whereas EdgeOps Pipeline Manager is a cloud-first alternative designed for centrally managing Operational Pipelines. Both have flexible deployment models to ensure compliance with end customer needs.

EdgeOps Pipeline Manager



- Deploy Operational Pipelines anywhere Docker is supported
- Centrally create and manage globally distributed Operational Pipelines
- Low-code Operational Pipeline builder
- Automatically package and deploy AI/ ML models for real-time inferencing
- Flexibly connect and transform new sources of data

EdgeOps Enterprise



- Completely self-contained, edge-optimized installation and management
- EdgeOps Database supporting Data Mesh architectures
- Data analytics and visualization for analysis and monitoring
- Integrated MLOps for AI/ML lifecycle management
- Create and manage Operational Pipelines independently per location
- Low-code Operational Pipeline builder
- Automatically package and deploy AI/ML models for real-time inferencing
- Flexibly connect and transform new sources of data