

AI Native PaaS

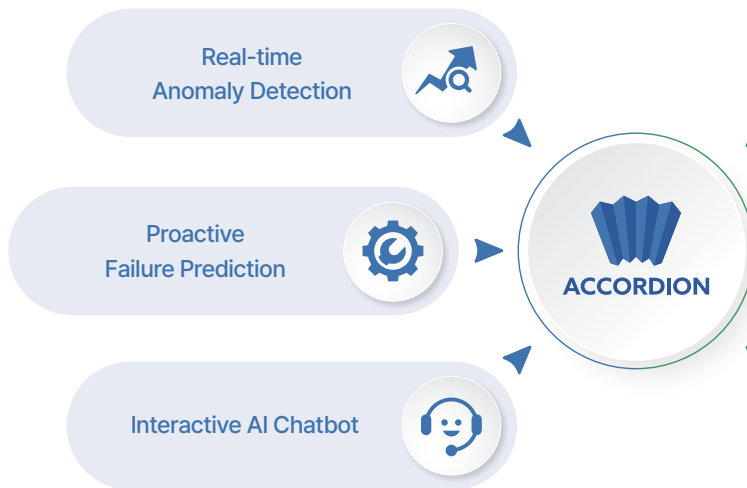
ACCORDION



Accordion 3.0 What's New?

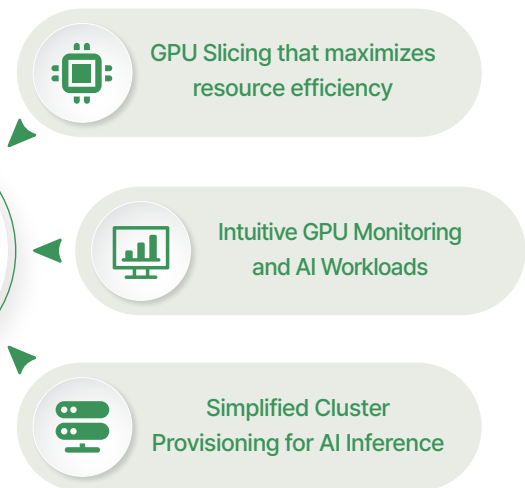
AI for Accordion

Thinks and operates by itself.



Accordion for AI

Provides the optimal infrastructure for AI models, inference, and serving.



Accordion 3.0 Core Features

Maximizing Visibility & Multi-Cluster Control

Multi-Cluster Integrated Management & Intuitive Dashboard



It integrates and manages multiple Kubernetes clusters from a single console, featuring a completely redesigned UI/UX that allows users to understand the status of complex infrastructure and applications at a glance. It accelerates incident response times by providing intuitive control and monitoring across the entire system.

Full-Stack Observability

OpenTelemetry-Based Integrated Tracing



By adopting the OpenTelemetry standard, it logically collects and analyzes Metrics, Logs, and Traces. Even in complex distributed environments, it precisely tracks service invocation paths and performance bottlenecks, enabling rapid root-cause analysis.

Intelligent AIOps

Anomaly Detection & AI Chatbot Integration



It analyzes infrastructure and application data through machine learning-based AIOps to detect anomalies proactively. Seamless integration with an AI Chatbot provides operators with real-time alerts and failure predictions, enabling proactive issue resolution.

Non-Disruptive Service Deployment

Blue/Green & Canary Support



It provides a high-availability architecture that responds flexibly to traffic fluctuations, ensuring business continuity. With full support for Blue/Green and Canary deployment strategies, it allows for risk-free, non-disruptive service updates.

Integrated GPU Resource Management

Granular Layered Monitoring

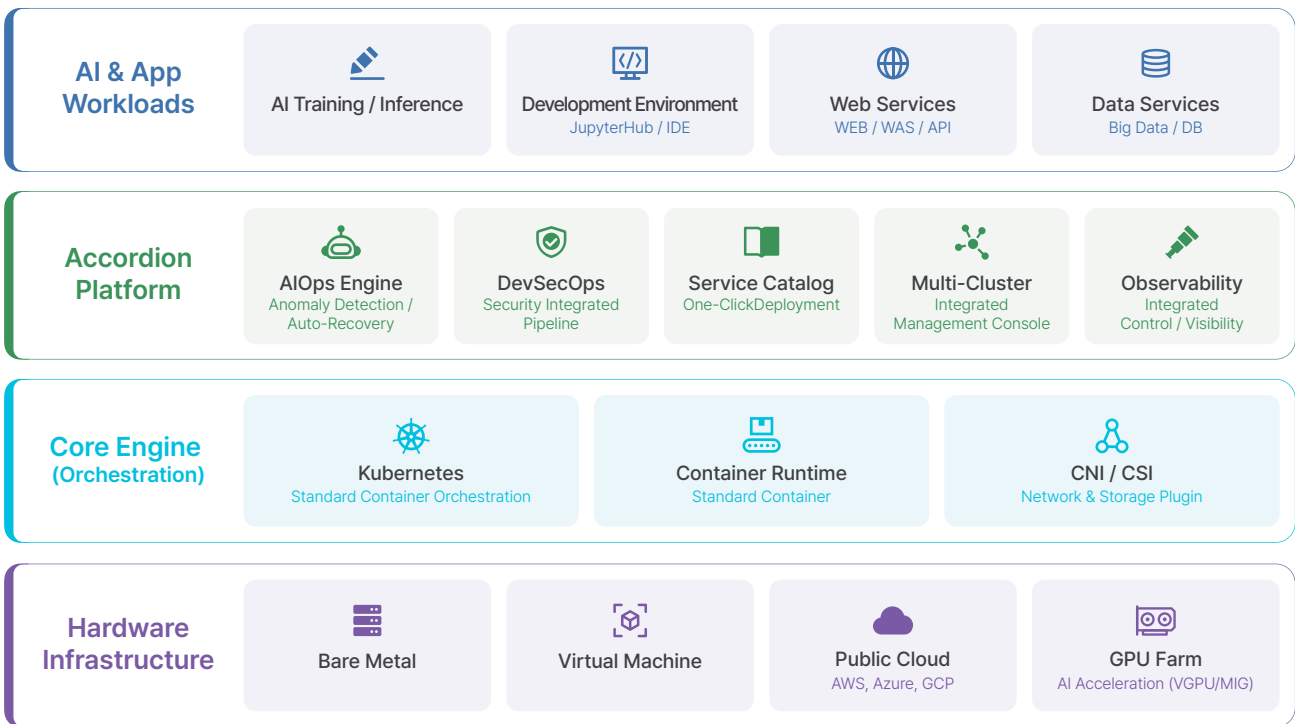


It delivers comprehensive GPU resource visibility for running AI and high-performance workloads. By closely monitoring the allocation and usage of sliced GPUs at the node, namespace, workload, and pod levels, it maximizes resource efficiency.

ACCORDION

ACCORDION has evolved into a next-generation infrastructure platform optimized for AI environments, backed by proven PaaS technology.

It maximizes resource efficiency by supporting anomaly-detection and failure-prediction-based AIOps, on-premises-ready AI chatbots, and granular GPU monitoring down to slicing environments. In addition, it integrates and controls distributed system resources on a single screen. By automatically analyzing patterns to prevent failures in advance, ACCORDION provides the most intuitive and efficient infrastructure operations solution for enterprises entering the AI era.



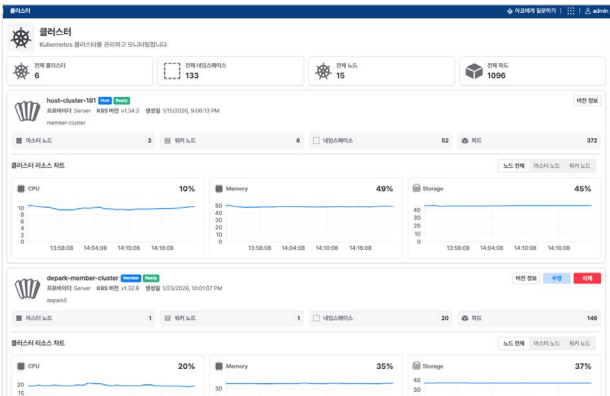
Expected Effects



ACCORDION

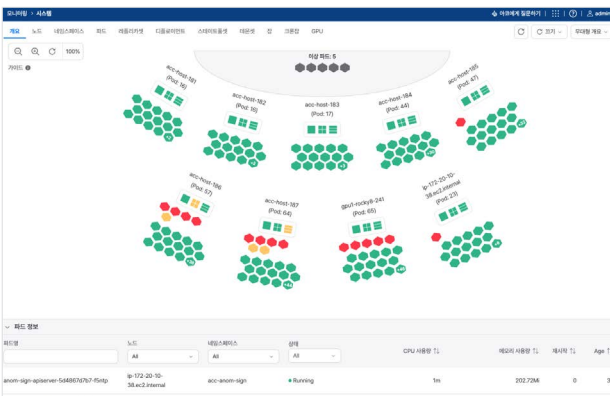
Key Features

Multi-Cluster Integrated Management



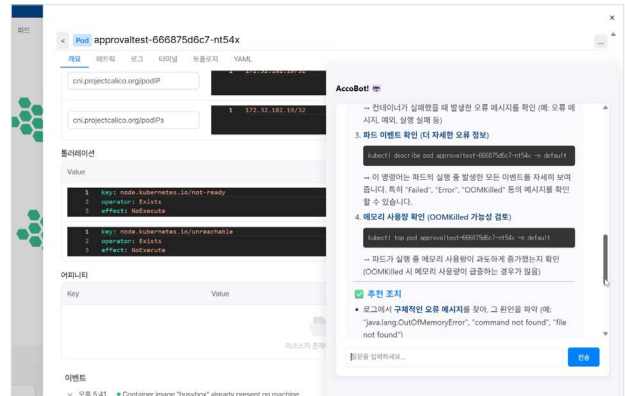
- Single-pane-of-glass management for heterogeneous Kubernetes clusters
- Reduced management complexity by integrating distributed infrastructure resources
- Seamless infrastructure integration without vendor lock-in

Integrated Monitoring: Infrastructure & Application Observability



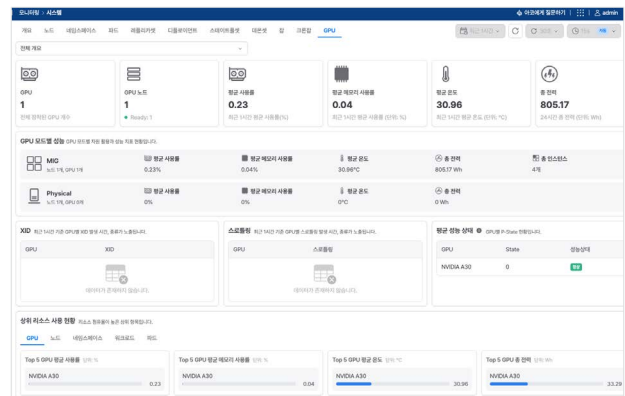
- End-to-End (E2E) full-stack observability
- Real-time system metric analysis based on topology maps
- Early detection of service delays and performance bottlenecks

ChatOps



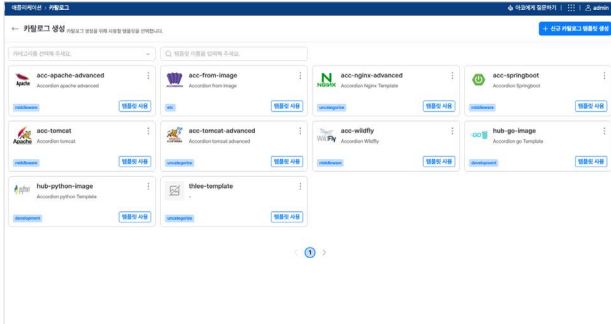
- Proactive detection of pod-level anomalies powered by AIOps
- Deep Root Cause Analysis (RCA) and rapid troubleshooting guides via an interactive AI chatbot
- Enables even non-Kubernetes experts to resolve infrastructure failures with ease

Integrated Monitoring: AI Infrastructure (GPU) Management



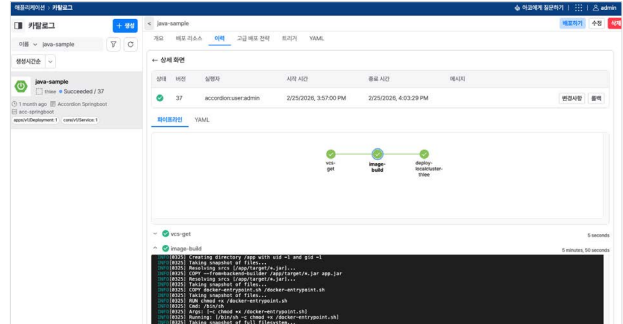
- Layer-by-layer analysis of sliced GPU resources
- Real-time visualization of GPU utilization and occupancy status on a per-pod basis
- Maximized ROI through optimized resource allocation for AI inference services

Enterprise Service Catalog & Lifecycle



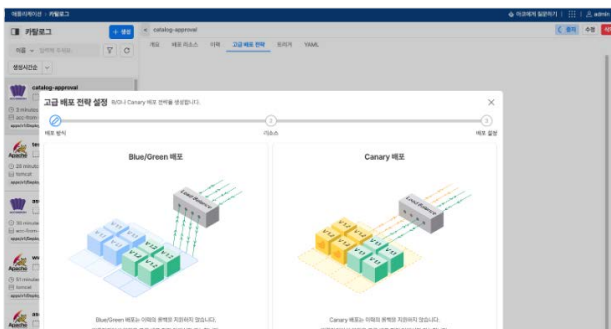
- Manage applications systematically with a centralized catalog
- Provide proven, standardized templates

DevSecOps-Based Automation Pipeline



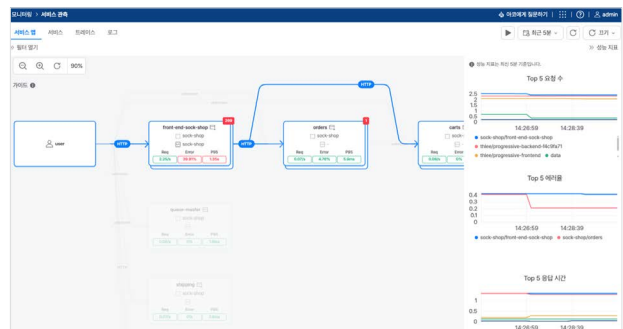
- Streamline CI/CD pipeline management with one-click automation
- Enhance container image security through real-time vulnerability scanning and deployment policies

Non-Disruptive Service Deployment Strategy



- Support Canary and Blue/Green deployment strategies
- Ensure business continuity with zero-downtime deployment

E2E Monitoring: Microservice Bottleneck Tracking



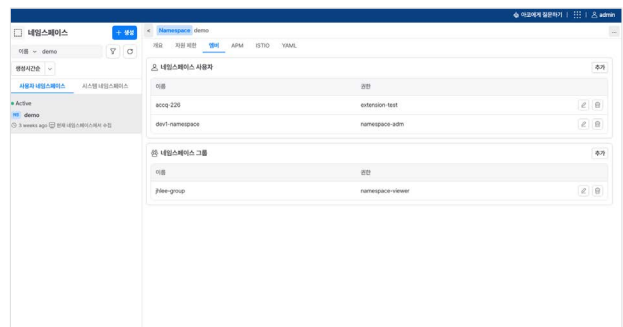
- Visualize architecture intuitively with service maps
- Pinpoint and track transaction bottlenecks between microservices

Custom Dashboard: Add Business-Specific Metrics



- Offer a wide variety of interactive charts
- Build custom monitoring dashboards with drag-and-drop widgets

Tenant-Based Independent Working Environment



- Provide isolated working environments for departments and affiliates
- Enforce access control by cluster and namespace

Check out the various service pages provided by Accordion!

ACCORDION TECH

A comprehensive knowledge base providing technical insights and product resources essential for operating Accordion and Kubernetes.

tech.accordions.co.kr

ACCORDION HUB

A repository where you can download a variety of CI/CD templates (catalogs, pipelines, and tasks) designed for Accordion.

hub.accordions.co.kr

ACCORDION DEMO

Explore the Accordion Demo Center—the ultimate cloud-native solution—complete with easy-to-follow tutorial videos.

accordions.co.kr/demo

Reliable Technical Support Service

Mantech Solution offers systematic technical support and maintenance services through our dedicated service center, ensuring 24/7 uninterrupted operations. We deliver effective, prompt, and accurate support to safeguard our customers' IT assets. Additionally, we provide continuous remote assistance through our online support channels and share valuable technical resources via our knowledge portal.



24/7 Service Center
1833-7790



General Manager



Technical Support SE



R&D Laboratory

Certifications



KCSP



GS Certified



Public Procurement
Registered Product



TTA Verified



K-PaaS Compatible

For more information, please scan the QR code below.



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