

GitOps Continuous Delivery (Flux CD)

Enterprise for Flux CD is a Cloud Support service providing enterprise-grade support, assurance, and enablement for Flux CD in regulated, cloud-native environments. The service enables organisations to adopt GitOps-based continuous delivery securely and at scale, embedding governance, resilience, and auditability into Kubernetes operations without introducing proprietary lock-in or hosted control planes.

Service Objectives

- Enable secure, compliant GitOps adoption using Flux CD
- Strengthen platform resilience and operational consistency
- Provide assurance for regulated and high-trust environments
- Reduce delivery risk through supported, validated configurations

Service Scope

The service applies to Kubernetes-based, cloud-native platforms where Flux CD is used for continuous delivery. It focuses on support, assurance, and operational enablement of Flux CD components and does not provide cloud infrastructure, a hosted SaaS platform, or application-level delivery services.

Supported Components

Enterprise for Flux CD provides support for upstream Flux CD open-source components, including source, kustomize, helm, notification, and image automation controllers, within supported configurations validated by ControlPlane.

Key Capabilities

Enterprise Support for Flux CD

Provision of structured, subscription-based support for Flux CD components, including case management, troubleshooting, and resolution guidance aligned to enterprise operating models.

Security and Vulnerability Assurance

Assessment and guidance on CVEs affecting supported Flux CD components, including severity evaluation and coordination of qualifying patches where available.

Configuration Assurance and Governance

Support for declarative, Git-based configuration aligned to upstream best practices, reducing configuration drift and unauthorised operational changes.

Resilience and Operational Stability

Guidance on supported versions, upgrade paths, and compatibility to maintain platform stability across Kubernetes and Flux CD releases.

GitOps Enablement

Enablement of GitOps operating models through validated patterns that support auditability, traceability, and separation of duties.

Service Initiation and Access

Service activation occurs upon confirmation of entitlement. Customers are onboarded via a support portal, enabling authorised users to raise and manage support cases.

Service Constraints

The service supports Flux CD within validated, upstream-supported configurations only. Custom builds, unsupported versions, or unvalidated integrations fall outside scope. Flux CD operates solely within Kubernetes environments and provides no standalone user interface or hosted control plane. Availability and resilience depend on the customer's Kubernetes and cloud platform configuration.

Customer Responsibilities

Customers must maintain appropriately skilled authorised users, perform initial issue triage, and operate Flux CD within supported configurations. Access to relevant systems and information is required to enable effective support and resolution.

Assurance and Auditability

The service supports auditable GitOps workflows and includes rights to verify licence usage and supported deployment scope, ensuring transparency and compliance.

Outcomes and Value

- Reduced operational risk in GitOps adoption
- Improved audit readiness and delivery assurance
- Increased platform stability and resilience
- Enterprise confidence in open-source Flux CD usage

About the Supplier

The service is delivered by a specialist cloud-native and security consultancy with deep involvement in the Flux and CNCF security ecosystem, supporting organisations where trust, compliance, and resilience are critical.