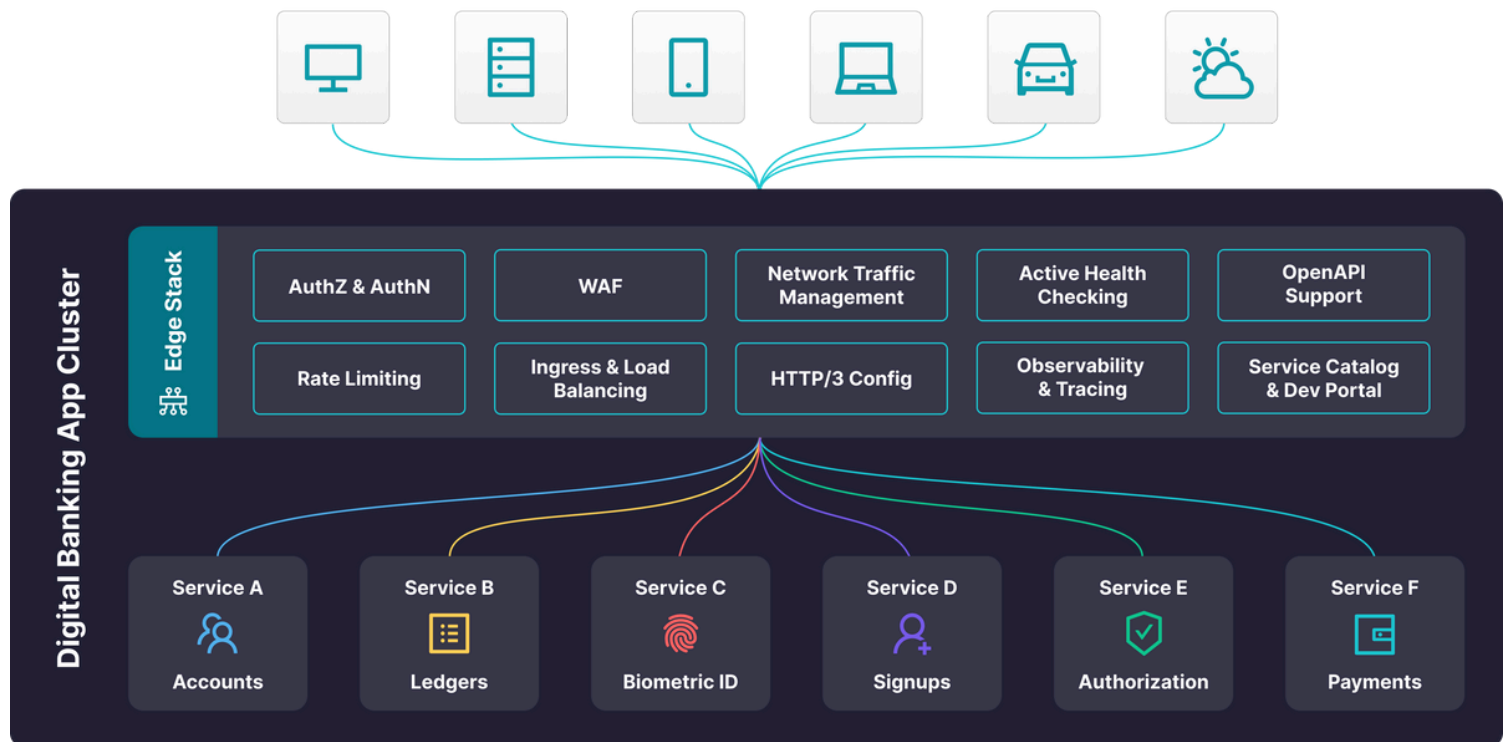


Secure and Scalable API Management

API Management for Modern, Cloud native applications

Ambassador Edge Stack is a **lightweight, flexible, and scalable** API Gateway that provides edge services to secure APIs for modern, high-availability applications built on K8s. **Easily configured** to work in your **Kubernetes environment**, with out-of-the-box support for the tools in your API Ecosystem and integration with your current developer workflows, Edge Stack is **purpose-built** for a best-of-breed API Management Strategy. Our deployment model, licensing model, and support expertise make it easy to get started and **cost-effective** as your applications scale.

Edge Stack Architecture



Developer benefits

- ✓ Decentralize API Dev
- ✓ Monitor APIs Granularly
- ✓ Test & Debug APIs Quickly
- ✓ Automate API Security

DevOps & Platform benefits

- ✓ Manage Costs Predictably
- ✓ Scale Horizontally & Vertically
- ✓ Delight your Developers
- ✓ Deploy confidently

Business benefits

- ✓ Dev Productivity
- ✓ Regulatory Compliance
- ✓ Data Security
- ✓ Infrastructure Reliability

Use Cases & Features

Edge Stack is the **easiest to use API Gateway** for Cloud-native applications, built on Envoy Proxy and Kubernetes. It provides state-of-the-art functionality for observability, availability, security, traffic management, developer onboarding, and edge policy management.

- **Security and Authentication at the Edge**
 - Integrates with Okta/Auth0, Keycloak, SSO, Google, etc.
 - Web Application Firewall
- **Flexible K8s management with Ingress Controller**
 - Cross-origin resource sharing (CORS)
 - Configuration options for centralized management and global policy specification
 - Developer self-services
 - Supports protocols: TCP, HTTP/1/2/3, gRPC, TLS, & mTLS termination
- **Simplified Traffic Management to Ensure High Availability**
 - Automatic retries, timeouts, circuit breakers, rate limiting, load balancing, continuous delivery support
- **Decentralized declarative workflows**
 - Dev-focused CRDs and operator-focused CRDS
 - Zero-downtime reconfiguration
 - Integrates with existing GitOps/K8s workflows
- **Edge policy management**
 - Declarative policy engine
 - Edge policy console
 - Observability and tracing integrations

BUILT ON



kubernetes

What Edge Stack customers say



Mercedes-Benz

"Ambassador makes it very easy for us to manage endpoints across all our regions worldwide and is able to seamlessly adapt and work with every region's 80 different endpoints, each with varying configuration requirements."

Nashon Steffen
Staff Infrastructure
Development Engineer



daisyhealth

"We like to consider Edge Stack a true pillar of our tech platform, both for its ease of use and quick time to market that it provides."

Lou Sacco, CTO



fluidtruck

"The ease of setup and maintainability is what I like most about Edge Stack API Gateway. Our favorite features are Mapping and Filter CRDs. It's the cherry on top for our CD pipeline."

Andrew Ellis, Head of DevOps

Edge Stack in action

[Edge Stack Documentation](#)

[Edge Stack API Gateway's Pivotal Role in the Daisy Health Platform](#)

This video highlights the critical role of Edge Stack in Daisy Health's platform, ensuring top-notch API security and efficient traffic management for both internal & external traffic.

{API:WORLD}

Edge Stack named
Best API Gateway
for Microservices

