

How Google Anthos and OpenLegacy work together to make enterprises digital to the core



For most large enterprises the journey of digital transformation requires understanding and consideration of the specific challenges their complexity represents.

While in the past, public clouds seemed like the eventual end-state for any kind of modernization journey, today's thinking has shifted toward a more nuanced view: the future belongs to a hybrid of on-prem and multi-cloud solutions providing organizations the flexibility and confidence to deploy the right solution to the right environment.

Anthos is a modern application platform providing a consistent development and operations experience across exactly such hybrid and multi-cloud environments. Anthos lets you build, deploy, and manage applications anywhere in a secure, consistent manner. It helps customers run microservice-based applications at scale by creating a service mesh environment. Anthos also allows for easy coordination with cloud-based services.

One specific challenge enterprises struggle with is the challenge of incorporating legacy applications and assets into their modern digital strategy. While the option of migrating and re-writing these applications in a modern way is a solution, it is often prohibitively costly, effort-intensive and risky. Simply put—in many cases moving off legacy is not a real option.

Traditional integration approaches sought to solve this problem using previous architectures such as Service Oriented Architecture (SOA) that do not fit well in the world of containerization, microservices, and Agile and DevOps practices. They are slow to develop and test, offer little agility and add technical debt precisely when you try to move forward.

The OpenLegacy platform is designed to allow legacy assets to be used as digital assets without going through a traditional integration stack. In fact, it is a modern digitally-native and digital-driven solution that dramatically expedites and simplifies large legacy-heavy digital transformations.



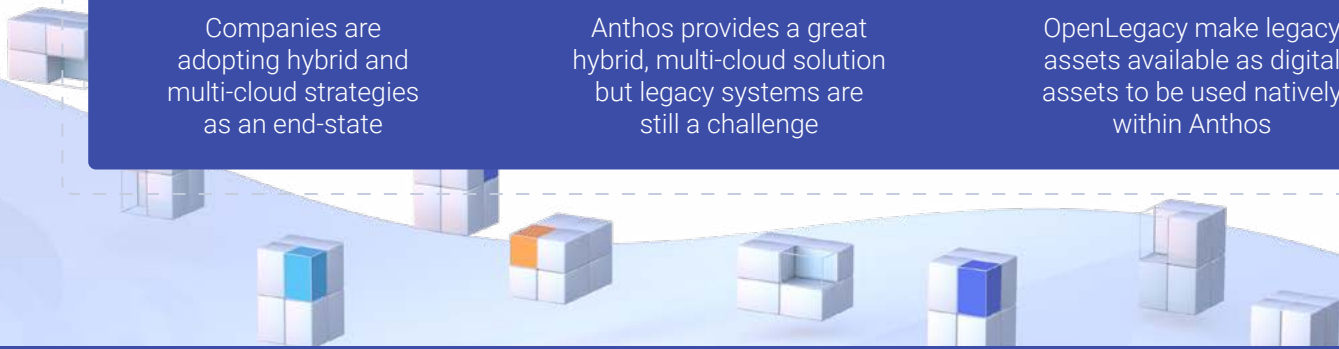
Companies are adopting hybrid and multi-cloud strategies as an end-state

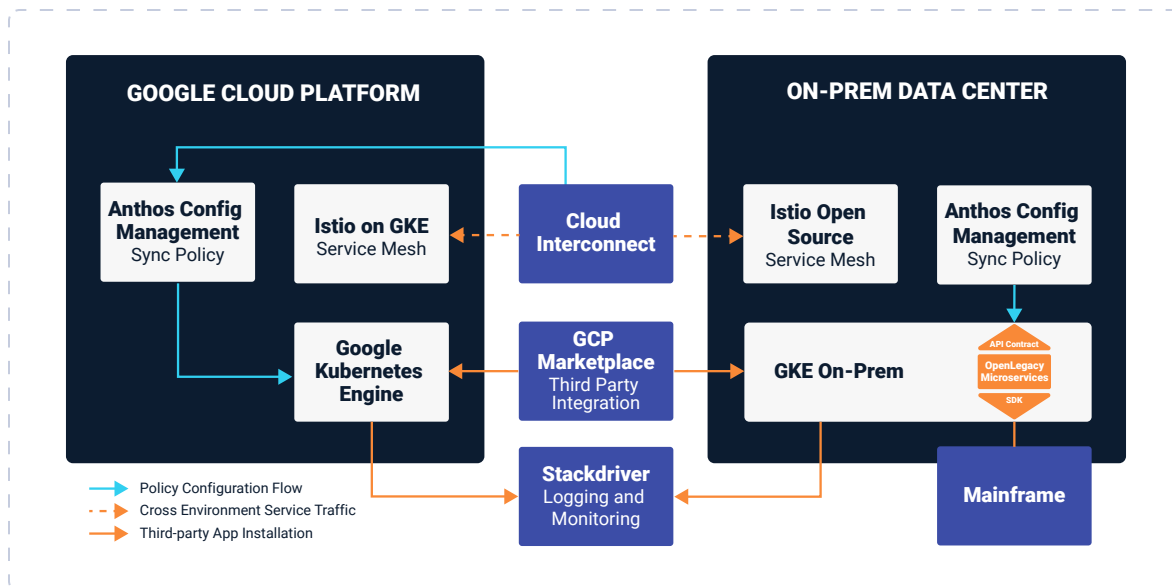


Anthos provides a great hybrid, multi-cloud solution but legacy systems are still a challenge



OpenLegacy make legacy assets available as digital assets to be used natively within Anthos





The OpenLegacy Digital-Driven platform enables legacy assets to act as digital ones by automatically generating microservices connected directly to the core systems. Everything connecting to the legacy system is self-contained within the microservice. This self-containment means there is no extra overhead and allows the mesh to focus on the choreography between microservices.

The OpenLegacy microservices use Docker containers, with additional YAML configuration files to plug the microservice into Anthos. Systems can enjoy the full benefits of Anthos, including logging, tracing, monitoring and discovery.

The OpenLegacy core benefits include automatic code generation, direct to legacy connections, and multiple deployment options.

Your workflow connects directly to the legacy system through the OpenLegacy microservice. The OpenLegacy code-first approach provides tremendous flexibility in implementing and maintaining legacy integrations. Template-based customization provides you complete visibility and access to the entire code-base of the microservice project.

Using Anthos together with the OpenLegacy platform, users can move to a modern, flexible and robust architecture that supports the business needs while leveraging the entire scope of the organization's past investments in a simple, native and fast manner.

About OpenLegacy

OpenLegacy's Digital-Driven Integration enables organizations with legacy systems to release new digital services faster and easier than ever before. It connects directly to virtually any core system, instantly creating microservice-based APIs that power exciting new digital services. OpenLegacy helps industry-leading companies drastically reduce costs and resources while helping them become digital to the core.