Telepresence for Docker

Simplify how your teams develop on Kubernetes

Devs don’t need to be Kubernetes experts

Kubernetes (K8s) is a popular foundation for producing cloud-native application platforms, but like any developer tool, K8s has its own set of challenges.

Telepresence for Docker empowers teams to accelerate time to market and optimize cloud costs through simplified K8s development. By connecting local development machines to a remote K8s cluster, your teams can harness the combined benefits of flexible local development and the integration provided by a cloud development cluster. Additionally, by enabling the sharing of a cluster across the entire team, you can leverage the expertise of your K8s specialists to handle complex K8s tasks, allowing other developers to benefit from their work without needing extensive knowledge of K8s. This approach keeps developers within their familiar workflows using familiar tools, leading to enhanced productivity and faster delivery of value to customers.

It’s all about the developer experience

Increase productivity by 50%

We’ve eliminated the complexity around K8s set up so developers can stay focused on rapid application development. Our local-to-remote setup lets devs instantly make code changes and catch bugs without ever having to deploy to production. This streamlines application time-to-market by maintaining access to their local tools and workflows.

> Take it from a developer working in FinTech who reported debugging an issue in five minutes with Telepresence for Docker, an action that otherwise would have taken an hour. Telepresence for Docker enables instant updates without the need for redeployment or repackaging images because of the direct connection between local development environments and a remote K8s cluster.
>
> An ERP provider reduced bugs in their continuous integration process by 25% by enabling developers to test code against dependencies earlier. Shifting testing left helped avoid missed delivery deadlines by catching bugs earlier in the development process.

Improve developer collaboration

Shared developer environments make collaborating with teammates and other stakeholders a breeze. Teams

can effortlessly preview work in progress, even on a developer's local machine, enabling immediate feedback on code changes. This access to immediate feedback ensures that collaborating with teammates is easy.

Reduce cloud costs

We've eliminated the need for dedicated development clusters or virtual machines for each developer. This decreases reliance on costly cloud resource usage helps organizations reduce total cost of ownership.

A cloud computing and virtualization technology company saw this in action when they were able to consolidate 50 individual developer clusters into five shared development environments. They ultimately reduced administrative burden and simplified the process of keeping application versions up to date. This resulted in significant cost savings and a measurable return on investment.

Develop modern apps for fast cloud deployment

Remote-to-local environment integration

Telepresence for Docker securely connects developer's local machines to a shared remote Kubernetes cluster. They'll have the feeling of working in a local environment, but the power of the cloud behind them, eliminating the need for constant deployments and allowing for seamless code iteration and testing. This reduces the strain on laptop resources when deploying large services locally.

Secure preview URL

Developers can generate a secure "preview URL" that brings all Kubernetes development and testing into a shared space. This lets teams instantly preview and share changes with one another, streamlining the debugging process. All of this is done before deploying.

Developers from global enterprises are using Telepresence for Docker to collaborate and reduce costs.

Discover how Telepresence for Docker can help you accelerate developer productivity by downloading the Telepresence extension.