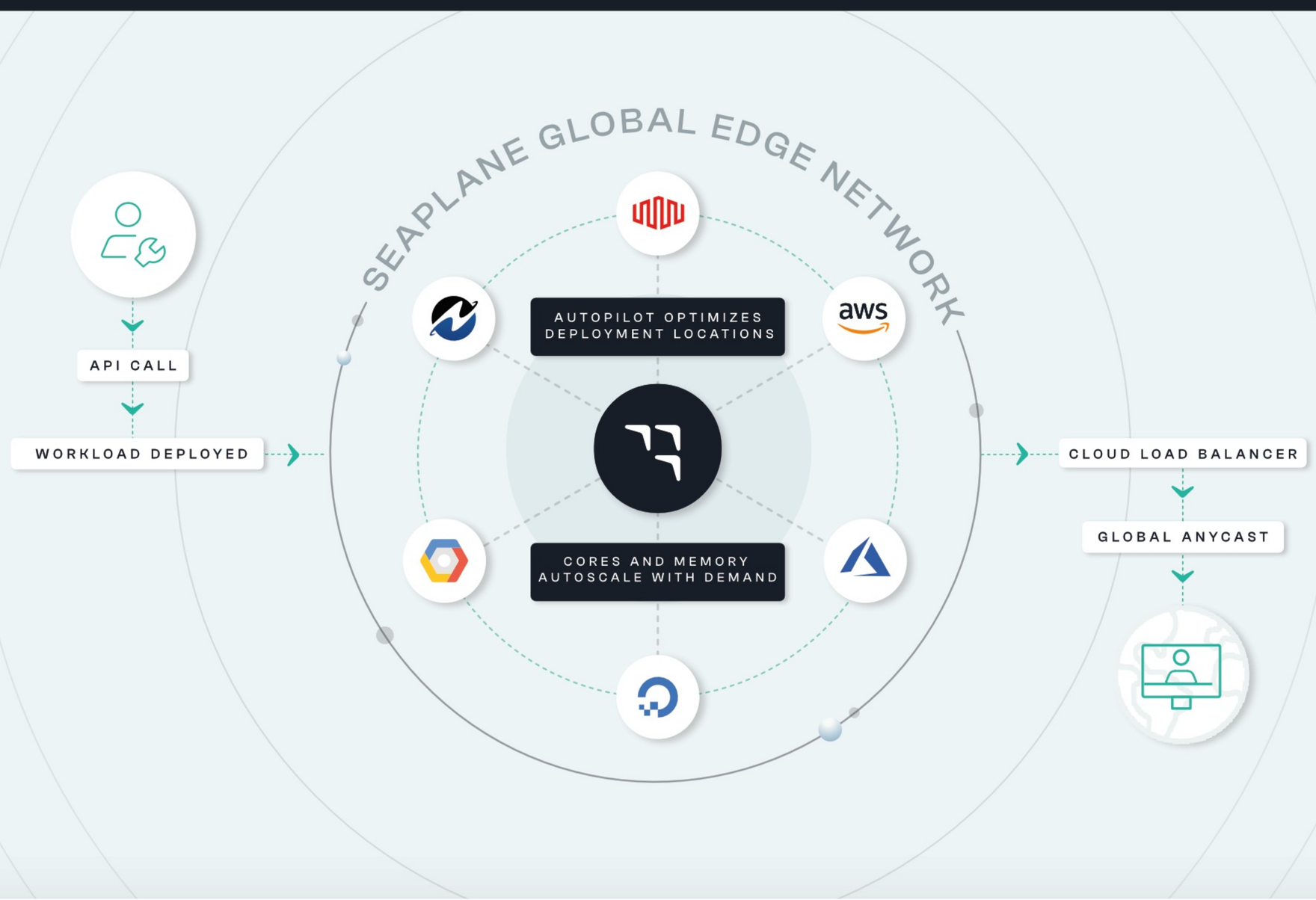
Introducing seaplane



Simple, Global Deployments

- Deployments made with Seaplane are multi-region, multi-cloud, and edge enabled by default.
- No need to rewrite your application, adopt a new framework, or bolt on any new services.
- Use your favorite provider's managed services while benefitting from every major provider's capacity.

How does it work?

Using Seaplane is as easy as making an API call. Simply point Seaplane to your container registry, express operational constraints via CLI, Python or RUST SDK, or within the API itself, and let Seaplane manage the rest.

No infrastructure provisioning required.

How does it work?

Seaplane is a global control plane that uses the optimal combination of public clouds, bare metal providers, and edge resources to deliver applications when and where they're needed. With Seaplane, developers can focus on shipping apps, not building infrastructure.

Optimized Experiences

- Seaplane's Autopilot feature finds the best cloud, edge, and bare metal resources for your traffic, continually shifting for optimal performance.
- Deployments autoscale horizontally and vertically — you only pay for what you use.
- Build and set standard configurations to streamline deployments across teams.

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seaplane

The seaplane Global Network

Seaplane's Global Network treats edge deployments and cloud deployments as one and the same; all part of a seamless, managed continuum of multi-cloud to edge. With a combination of PoPs, bare metal providers, and public clouds, Seaplane delivers your applications to users everywhere

- A continually expanding global backbone of PoPs orchestrates deployments and brings applications and data right to the user.
- Includes all major cloud providers like AWS, GCP, Azure, and OCI
- Includes bare metal providers like Equinix and NetActuate.

Expand, Scale, and Stay Up

- If one resource or region goes down, Seaplane automatically reschedules your workloads.
- As new users crop up in new locations, additional deployments support the increased demand.
- Edge locations enable high performance and low latency, for a global userbase.

Data Locality Made Easy

- Seaplane shields app-level developers from infrastructure fragmentation via CLI-based business logic expression.
- Cross-cutting policies can be applied to all current and future deployments.
- Region locking, provider exclusion, and total number of deployments can all be managed at an organizational, rather than individual, level.

How does it work?

Business logic can be expressed with simple commands. Here's an example of region locking a workload for compliance:

```
{
  "regions_allowed": [
    "XA",
    "XC",
    "XE"
  ],
  "regions_denied": [
    "XU"
  ],
  "providers_allowed": [
    "AWS",
    "GCP"
  ],
  "providers_denied": [
    "DigitalOcean"
  ]
}
```