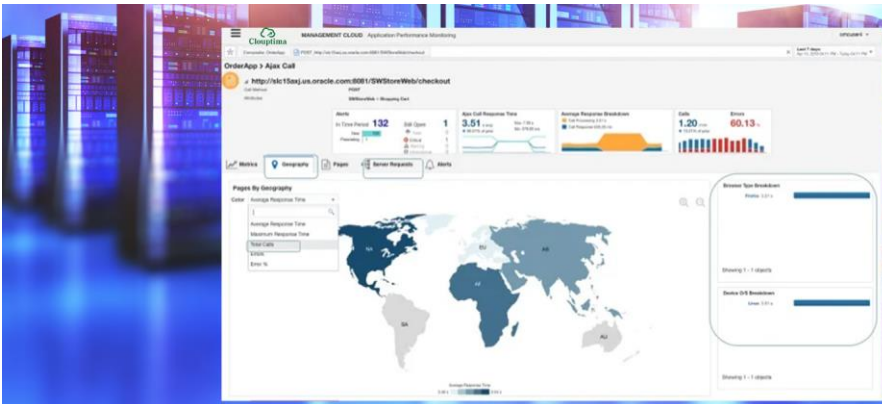


Clouptima Inc.

535 Mission St 14th floor, San Francisco, CA 94105
1 (877) 818-1442
info@clouptima.com

PROPOSAL FOR • PARTNERSHIP



Our product is for ...

Performance optimization that's *10x* faster or requires *10x* less resources, particularly for microchip simulation, AI, healthcare cloud, and video editing. In the future, our software will also provide extra dynamic optimizations, security patches and power management, incorporating *machine learning*.

How It Works

Our solution dynamically transforms components of the target application into Kubernetes microservices across multiple servers, data centers, and cloud environments. This scalability enables the utilization of significantly larger computing resources—up to 1000 times more CPUs and memory—especially during peak loads. As a result, the strain on the target server is greatly reduced. Additionally, on-premises systems can be taken offline, thereby freeing up cloud resources and optimizing overall resource consumption.

Our product **stands out** as it can seamlessly integrate with existing applications and platforms. Even if an application has already been designed as microservices, our solution can further optimize it.

Pricing

\$3,000 monthly / server or cloud cluster
\$0.5 / preferred stock

Risk/Opportunity

1. US Patent, 17/814,528.
2. \$400B addressable market.
3. Off-loading vs. publishing.
4. Distributed memory.
5. Kubernetes zero downtime.
6. Optimizations using AI.
7. High tech letters of intent.
8. **Co-building** with a provider.
9. SaaS management console.
10. Manual installation as well.
11. On AWS Marketplace.
12. Free version on Docker Hub, `docker run <options> clouptima -e <app>`
13. Integration with containers.
14. Clusters on customers' AWS.
15. Clusters on-premises as well.
16. **Partially runs on benchmark.**
17. Nima [in](#) is a compiler expert.
18. 7 years fulltime contribution.
19. IPO exit strategy.

Our Proposal

Our organization has developed an innovative solution aimed at enhancing productivity and reducing costs for businesses in the high-tech industry. This solution operates within a hybrid cloud environment using on-premises Kubernetes, which is why we are seeking to co-sell with a cloud provider.

The Objective

- Need #1: Speed up.
- Need #2: Reduce costs.
- Need #3: Reduce server strain.
- Need #4: Prevent software crashes.

The Opportunity

- Goal #1: Data centers and the cloud.
- Goal #2: Resource management.

The Solution

- Recommendation #1 Layering Clouptima™ Enterprise between the application and Kubernetes.

Execution Strategy

Our partner will provide a secure hybrid cloud infrastructure to the client, including all necessary security layers. Through our website, users can securely manage their resources. Additionally, by logging into their own AWS accounts, users can leverage the full flexibility of AWS.



Figure 1: AWS Features

Technical/Solution Approach

We leverage a blend of classic algorithms, programming languages design, Just-in-Time compilation, dynamic optimization, REST API, and Redis cache. We will incorporate GenAI to further refine optimization heuristics and trade-offs.

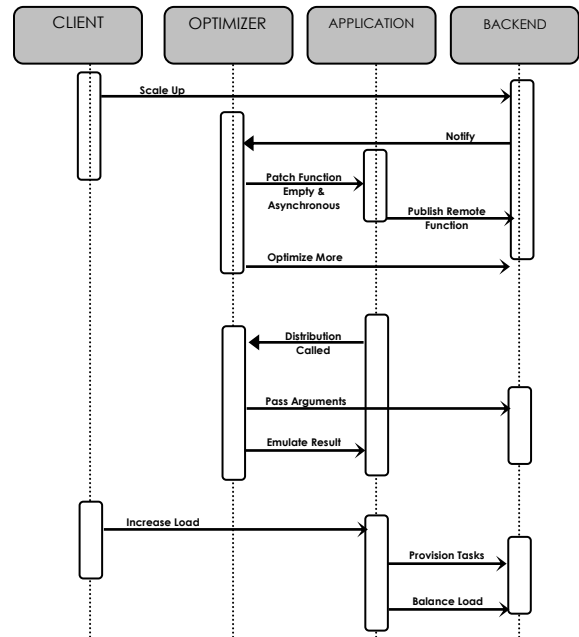


Figure 2: Automatic Distributed Computing

Solution Deliverables

Deliverable	Description
Docker image	Docker clients automatically download and run it from Docker Hub. It is also available on CD.
Hybrid cloud and on-premises Kubernetes	Provision of hybrid cloud environments with secure Kubernetes clusters on desktop computers (if desktop-based) and internal data centers. Each layer offers different power and latency and can operate independently.
Customer's cloud	AWS account for customers with Kubernetes clusters.
Account on our cloud	SaaS monitoring and management. The configuration can be offline too.