Densify

Densify is the **most advanced cloud & container resource management platform**, giving CloudOps automated cloud & container workload management, improved app performance, and financially prudent cloud resource selection.

Cloud Management Challenges

Amazon Web Services (AWS) provides a comprehensive set of services for building and hosting next-generation applications and their associated data. However, there are literally millions of ways to provision AWS resources. Many organizations buy or reserve resources that don't match their applications' demands. This creates:

- Manual effort to select the right cloud services
- Operational risks and application performance issues
- Increased cloud spend

Densify Solution Overview

AWS Resource Optimization Through Machine Learning

Densify's **Cloud-Learning Optimization Engine** (Cloe) uses machine learning to perfectly match application demands to available AWS cloud supply. It continuously learns workload demand patterns and precisely determines the optimal AWS resources needed to host them.

Cloe

Amazon EC2 Optimization
Densify analyzes workload patterns to precisely determine the best-suited instance types and sizes for each workload.

Auto Scaling Groups Optimization
Densify optimizes Auto Scaling Group node types and sizes, as well as scaling parameters, to better align with actual demand patterns.

Spot Instances Optimization
Densify generates Spot Instance optimization recommendations in the same way it does for AWS On-Demand purchasing models, driving higher resource efficiency.

Amazon ECS Optimization
By integrating with Terraform, Densify constantly and automatically optimizes container definitions based on machine-learned behavior.
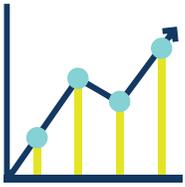
Amazon RDS Optimization
Densify understands what instance families and sizes are available for each database type in each region, enabling precise alignment of instance types with resource demands.

Reserved Instance & Purchasing Strategy Optimization
Densify helps teams purchase the right set of RIs based on the best-suited instance type and size for their workloads, ensuring they don't commit to the wrong set of, or unnecessary, RIs.

Amazon EKS Optimization
Densify learns the utilization patterns of containers and scientifically determines the optimal request and limit values, enabling Kubernetes clusters to run at higher utilization.

Densify Makes AWS Users Happier

Achieve Operational Excellence with Reduced Risk & Enhanced Application Performance

1. Better Application Performance & Stability

With patented machine learning technology, Densify ensures the optimal cloud resources are always supplied to cloud applications, delivering stability and reducing business risk.

2. Optimization Visibility & Continuous Optimization

Densify provides utilization and financial impact reports showing the "before and after" of optimization, giving your teams the confidence to implement recommendations while enabling continuous optimization.

3. High Level of Automation

Densify's machine learning technology automates the selection of perfectly matched resources, saving time and helping you achieve operational excellence.

4. Higher Operational Efficiency

Densify helps you achieve higher operational efficiency in selecting, purchasing, reserving and using cloud resources, ensuring your cloud apps alwasy make the best use of the latest, greatest, and coolest AWS resources.

Organizations Can Start Free in 15 Minutes

15 minutes is all it takes to get started. Densify collects cloud data in read-only mode, and results are produced in the first 48 hours. We engage as if you are already a customer—without any commitment required. Our rock-solid security and value propositions ensure a quick and comfortable start to the Densify experience.

Start Here:
www.densify.com/try