



GRANULATE

Real-time Continuous Optimization



GRANULATE

Improve Performance. Reduce Compute Costs.

Reduce
Costs by

60%

Reduce
Response Time
by

40%

Increase
Throughput

5X

Code
Changes

0

Company Snapshot

Growing customer Base, Partnerships initiation

Trusted by leading brands

Technology Partnership



DATADOG



APPDYNAMICS

15.6M in Funding



Founded 2018

+40 Employees

+50 Customers

Patented Technology

In 3 Locations

London Tel Aviv New York

Complexities of Managing Compute

Optimization Challenge

Operating Systems are built for *general purpose* use and are *not Application-Aware*, resulting in inefficiencies and bottlenecks resulting in untapped *performance gains* and *high infrastructure costs*.

Increasing Infrastructure Cost And Complexity

Optimization At Scale Is
Highly Complex



Technical Expertise

Requires deep OS
internals understanding



Outside Core Business

Distraction from product
& business logic



Dynamic Environments

Ever changing workload
& resource consumption



Shared Responsibility

Responsibility shared
between R&D & DevOps

Leading To **Unfulfilled**
Performance Potential

2-5X

Untapped Performance

30% - 40%

Utilization

Tens Of Billions USD In Wasted Compute Costs Annually

The Market

Compute. Everywhere.

Linux Based



*80% of production workloads run on Linux

Every Architecture



The Time For A New And Different Approach For **Performance And Cost Improvements**



Real-Time Continuous Optimization

- Autonomous performance management based on adapting a machine to the specific load applied to it at any given moment.
- Facilitate an application-aware host, constantly optimizing to unleash significant performance and cost improvements.

Our Solution

Real-Time Continuous Optimization

1. Automatically Analyze

Granulate automatically learns your application specific resource usage patterns and data flow

2. Continuously Optimize

Granulate tailors OS-level scheduling and prioritization decisions regarding CPU, locks, caches and memory accesses



3. Improve Performance

Granulate reduces response time and increases throughput of every machine

4. Reduce Compute Costs

Leverage improved performance to reduce cluster size and downsize compute resources

Use Cases – Cost Reduction Optimization



Easy Installation and Integration

Simple Implementation

Start With A Single VM



No Code Changes

Zero R&D Efforts



Quick ROI

Quick Value Within Minutes



GRANULATE Is Infrastructure Agnostic & Integrates With All Architectures

Hybrid, Multi Cloud & On Prem



Dozens of Enterprises &
Startups Adopt Granulate

**Because it Saves
Time & Money**

Reduced
Costs by

60%

Reduced
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40%

Increased
Throughput

5X

R&D
Efforts

0

2020 Summary

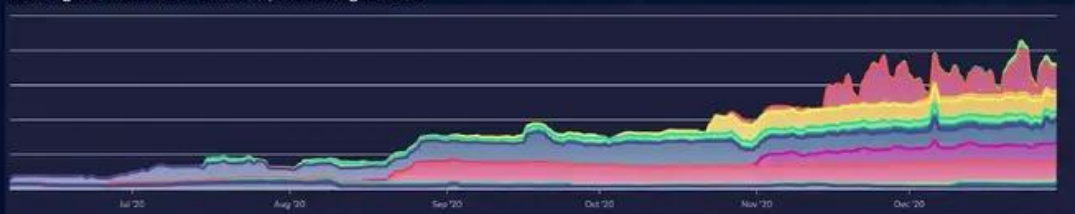
2020 in Numbers



2020 Summary

Increased Usage of the Product

Total Agent Core Hours- Over 300,000 Managed Cores





GRANULATE

Contact us at **info@granulate.io**

Or visit **www.granulate.io** for more information