



Client Story

# Cloud Cost Containment: Insight Optimizes Databricks Spend With Intel Granulate

When Insight's Databricks consumption costs were ballooning with the scaling of its business, it looked for a way to identify bottlenecks and optimize data workloads without derailing operations.

## The vision: Cloud cost reduction for Databricks workloads

With business growth often comes increasing, hard-to-manage costs. For Insight, its Databricks® consumption reached 10% growth per month, sparking the need to look for a way to contain cloud costs without disrupting the exciting, consistent expansion of business. During an annual internal event called *Mastery*, a group of Insight teammates learned in a partner-led breakout about Intel® Granulate™, a SaaS solution that optimizes cloud spend through performance optimization. After a direct conversation with the presenters, Insight and Intel began an engagement to deploy a pilot of Intel Granulate on a Databricks cluster to see if it could help reduce spend.

*With Intel Granulate, organizations can improve performance of Linux-based workloads through the streamlined identification of bottlenecks in the runtime and autonomous, continuous app-level optimization. Companies can reallocate resources — by redistributing compute power to speed up other workloads, reinvesting savings into new innovations or cutting cloud costs.*

## Autonomous, continuous app-level optimization

To start, Insight decided to try out the Intel solution by applying it to one Databricks cluster, with plans to expand across other Azure® workloads if successful. The software identifies patterns of consumption and determines areas of inefficiency in cloud workloads. An Intel Granulate Proof of Concept (PoC) was enterprise-ready and developed efficiently, allowing the project to move forward at an accelerated pace, with no code changes needed.

## The outcome: Expedited reduction in costs without interrupting core business

The pilot proved to be extremely successful, with several inefficiencies identified and minimized. This allowed Insight to reduce the number of Databricks cores required for its workloads, as well as overall compute consumption. Most importantly, the more efficient cloud distribution led to a 28% reduction in costs from cloud use and downstream costs, such as storage and networking. With these savings, Insight is positioned to accelerate the remaining cloud usage while still lowering overall spend.



Industry:  
IT consulting

### The challenge:

Optimize cloud consumption while driving revenue in cloud-dependent areas of business.

### The solution:

Intel Granulate, a SaaS offering that identified inefficiencies in cloud workloads and helped redistribute spend

### Insight provided:

- Consulting Services

### Benefits & outcomes:

**28%** reduction in cloud, networking and storage costs

**21%** reduction in Databricks cores

PoC achieved with no code changes and minimal engineering efforts



Lowered compute consumption