Lucidity

How a global airline accelerated their cloud migration with Lucidity

Challenges

- Massive over-provisioning of their block storage led to cost overruns and lack of forecasting
- One central team in charge of optimization across many app owners strained engineering time
- App performance was at risk due to unplanned downtimes

Solution

- The global airline autonomously rightsizes its block storage with Lucidity AutoScaler
- Eliminated management and maintenance work across their block storage, enabling one central team to serve many app owners effectively
- Cut out block storage disk waste so they could reallocate budget more efficiently

Results

- **$90K/month** savings, a **75% ROI**
- **4x** increase in disk utilization, from 20% to 80%
- **8000** expand and shrink tasks automated

Company at a glance

Industry
Transportation

Region
Americas

Cloud Platforms
Azure, AWS

This airline is one of the largest airlines in the world, with over $50B in revenue. They undertook a lift and shift move to the cloud a few years ago, and their reliance on block storage has continuously increased as their cloud usage grows. They primarily use Azure, with some presence in AWS.

When the cloud team took stock of their migration and the impact of the cloud on their costs, they realized that they were dealing with huge amounts of overprovisioning unevenly spread across their block storage disks, with some disks going massively underutilized, and others hitting capacity and causing downtime. With one central team responsible for manual optimization across many app owners, this was an overwhelming position that led to spiraling costs and put performance at risk.

To solve this problem, the airline chose Lucidity AutoScaler to manage and optimize their block storage in Azure without requiring code or infrastructure changes. With Lucidity, their cloud team can expand and shrink storage without friction, saving time and money, and avoiding downtime. To further reap the benefits of automation and cost savings, they also brought in Lucidity Lumen, which streamlined their disk tiering management, improving cost/performance ratios across their disks.

With their block storage provisioning automated and optimized, this airline is seeing accelerated cloud adoption, more predictable cloud bills, and have gotten rid of their unplanned block storage-related downtime.