



How a life sciences company cut their cloud storage bill in half and saved >\$1M a year with Lucidity

Challenges

- Massive overprovisioning to avoid any potential downtime created significant ongoing waste
- Managing storage manually was creating an operational burden on engineering
- Cloud costs were growing at a rate significantly higher than their committed spend

Solution

- This life sciences company autonomously handles its Azure Managed Disk provisioning with Lucidity AutoScaler
- Intelligent expansions and shrinking reclaims engineering time and budget
- Seamless Azure integration required no data migration or infrastructure changes, and is 100% application-agnostic

Results

- **\$1.1M** a year in cloud block storage savings
- **2.5x** improvement in disk utilization from **30% to 75%**
- **>50%** reduction in monthly cloud storage bill

Company at a glance

Industry Life sciences	Region EMEA	Cloud Platforms Azure
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This company, a global leader in life sciences testing and laboratory services, operates a complex, multi-tenant Azure environment supporting diverse business units including food testing, forensics, and core laboratory operations. With operations spanning multiple regions and ongoing acquisitions expanding their cloud footprint, they required a scalable solution to optimize storage costs without impacting application performance or requiring extensive manual intervention.

As a company with a large and growing storage footprint, they found themselves in a situation where they were spending \$300K+ per month on Managed Disks, and, as a result, had a target of ~30% cloud cost reduction. However, they lacked visibility into determining where waste lied within that large monthly spend. They could not clearly understand the gap between provisioned capacity and actual usage, so were unable to manually reduce waste on their own. Their existing tooling helped with reporting, but could not act on optimization and cost reduction, so the problem of disk waste remained unsolved.

To start acting on actually reducing waste and cloud costs, they partnered with Lucidity to implement intelligent, autonomous cloud block storage optimization across their Azure environment with AutoScaler. With AutoScaler, the organization was able to improve storage utilization from 30% to 75% on day one, and keep it at that level autonomously as their data changed over the coming weeks and months. This came with no data migration or infrastructure changes, or downtime when shrinking live volumes.

With an immediate 50% reduction in their cloud storage spend and over \$1M in annual cost savings, this life sciences company is set to continue their growth trajectory without drowning in high cloud costs and storage waste.