Lucidity

2.5x ROI achieved in 60 days: A global manufacturer's storage optimization win

Challenges

- Heavy over-provisioning, with storage utilization often below 20% across a complex multi-tenant environment
- No safe or automated way to shrink storage, increasing the risk of downtime
- Ongoing migrations and fluctuating storage requirements made forecasting and manual rightsizing impractical

Solution

- Continuous storage rightsizing using Lucidity's NoOps approach, eliminating manual intervention and risky resizing
- Autonomous block storage optimization across live environments
- Data-driven identification of profitable and unprofitable storage volumes

Results

- **$50K+** in savings realized within two months of deployment
- **2.5x** ROI. From 20% to 75% average disk utilization
- **100+** manual tasks eliminated

Company at a glance

Industry
Manufacturing

Region
Global

Cloud Platforms
Microsoft Azure

Following a major acquisition, this global chemicals manufacturing enterprise found itself operating a complex, multi-tenant cloud environment on Microsoft Azure. With workloads spread across environments, the organization lacked a unified strategy for managing cloud block storage efficiently across its global footprint.

To avoid downtime in mission-critical applications, the team relied heavily on manual provisioning. Storage was routinely over-provisioned "just to be safe," with no automated way to shrink capacity when it was no longer needed. Combined with architectural constraints, these challenges made manual storage shrinking impractical, resulting in disk utilization falling below 20%.

Limited visibility into used versus provisioned capacity made it nearly impossible to distinguish between high-value and wasteful storage. Internal audits revealed that 43–47% of block storage spend was wasted, presenting a clear opportunity for immediate, hard-dollar savings.

The company chose Lucidity's autonomous, NoOps approach to storage optimization and deployed AutoScaler. Without requiring any architectural changes, AutoScaler went live in production on Microsoft Azure using Private Link to meet strict security requirements.

Within the first two months of deployment, the organization automated hundreds of storage-related tasks, freeing critical FTE resources and optimizing block storage provisioning. This resulted in $50K+ in immediate savings and delivered a 2.5x ROI on their investment. Following this success, the manufacturer is now expanding its Lucidity footprint by adding Lucidity Lumen to address its disk-tier and idle-volume challenges.