



Cybersecurity company optimizes over 600TB of Managed Disk with Lucidity



Challenges

- Rapid, massive data growth made their unoptimized storage a significant impact on budget and COGS
- Lack of tooling and a large block storage footprint made manual storage management difficult
- Limited native visibility made it hard to see where their problems were most acute

Solution

- This cybersecurity company rightsizes their Azure Managed Disk with Lucidity AutoScaler
- Cut out block storage disk waste so they could reallocate budget more efficiently
- Created an optimization layer that drives savings without impacting performance

Results

- **600TB+** optimized
- **\$900K+** saved in cloud storage costs
- **120K+** expands and shrinks automated

Company at a glance

Industry Cybersecurity	Region Global	Cloud Platforms Azure
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This cybersecurity company, one of the world's largest cyber resilience firms, has shifted strongly to a cloud-first, SaaS platform strategy. Given the nature of their business and data, they require large-scale data retention and storage, with tight SLAs. To handle this, they operate a complex Azure environment with a large and rapidly growing Managed Disk footprint managed through Terraform.

As a data-heavy company, cloud storage represents a significant portion of this company's cloud bill, significantly increasing its costs of goods sold (COGS) and reducing its margin profile. Supporting and maintaining storage made up a significant percentage of the platform team's time, as they were faced with frequent storage growth and efforts like migrating from V1 to V2. This made it hard to focus on higher impact initiatives.

Facing the cost and time impacts of this massive scale, they set out to find a better way to manage and optimize their Azure Managed Disks. To do so, they implemented Lucidity AutoScaler to rightsize their block storage in Azure autonomously without requiring code or infrastructure changes. With Lucidity, their Managed Disks automatically expand and shrink as the data requires, maintaining an ideal 65%-80% disk utilization with zero downtime.

With their Managed Disks rightsized today and the peace of mind to know that their continued data growth will be optimized in the future, this cybersecurity company has eliminated manual storage management, recouped significant wasted spend and avoided future costs, all with no performance impact in a complex Azure environment.