



Insurance tech company saves \$1.2M annually with Lucidity



Challenges

- This insurance tech company required a large block storage footprint to run ML and fraud workloads
- Their cloud storage needs were scaling faster than their budget could handle
- They were unable to optimize storage internally and manage seasonal workloads

Solution

- They autonomously rightsize their Managed Disk with Lucidity AutoScaler
- Reigned in costs and kept their block storage ideally utilized on an ongoing basis
- Optimized cloud block storage autonomously without app or infrastructure changes

Results

- **40%** reduction in cloud storage spend, with \$1.2M in savings
- **50%** improvement in disk utilization from 50% to 80%
- **45K** manual expand and shrink tasks automated

Company at a glance

Industry
Insurance Technology

Region
United States

Cloud Platforms
Microsoft Azure

This insurance technology company is a leader in AI solutions for insurers. With a modern, technical product leveraging AI and ML workloads, they built a modern cloud stack on Microsoft Azure to support it. Their solutions leverage a significant amount of Azure Managed Disk, and they quickly realized that their cloud storage costs were running high and increasing every day.

To address this, they sought a way to reduce costs without rewriting their ML and fraud workloads that leveraged the block storage. Manually optimizing storage at their scale would have required hundreds of engineering hours they simply didn't have. The process would also have been highly error-prone. As a result, they looked for a solution that could autonomously right-size their managed disks, allowing them to handle both known and fluctuating workloads safely and efficiently.

To get a handle on climbing costs without requiring them to refactor or pause their machine learning workloads, they chose Lucidity AutoScaler to manage and optimize their block storage in Azure without requiring code or infrastructure changes. With Lucidity, they are able to rein in spend, making it more predictable and in line with their scale, and have been able to do so without slowing down or otherwise impacting their crucial workloads.

With their Azure Managed Disk expansions and shrinks automated and optimized, this insurance tech company has realized an over 40% reduction in their block storage spend with \$1.2M in savings, and fully autonomous capacity management without major hands-on effort.