Storage Guardian

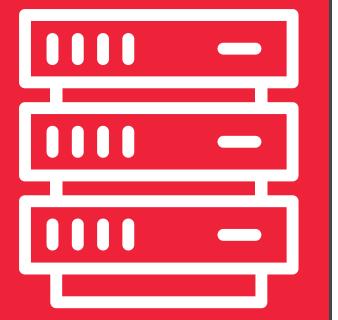# CASE STUDY:

Storage Guardian Reduces Data Center Footprint by 80% and Power Consumption by 78% with StorONE: The Most Efficient Storage Platform

storONE™
THINK RESULTS™

INTRODUCTION

Storage Guardian isa leading DRaaS and hosted backup provider that delivers rapid, reliable offsite backup and recovery to organizations that cannot afford downtime. As their customer base and data volumes grew, they faced a growing challenge: their storage infrastructure had become complex, inefficient, and unsustainable. To continue delivering world- class backup and recovery services without spiraling costs or complexity, Storage Guardian needed a storage transformation.

THE CHALLENGE

Storage Guardian set out to reduce the complexity and physical sprawl of their infrastructure while lowering energy consumption and increasing long-term scalability. Their existing environment required nine full cabinets, multiple systems, and significant operational overhead to support growing workloads.

They needed a solution that would:

- Reduce physical data center footprint
- Support both high-performance and high-capacity needs
- Eliminate constant migrations caused by hardware lifecycles
- Lower power and cooling costs
- Provide consistent performance for critical workloads

"Before StorONE, we needed nine cabinets to run our infrastructure. Today we do more with just two."

Omry Farajun, Founder, Storage Guardian

THE SOLUTION

Storage Guardian selected StorONE, built from the ground up for efficiency, flexibility, and simplicity. By combining high-density hard drives and high-performance flash within a single, unified system, StorONE enables service providers to consolidate infrastructure while supporting a wide range of workloads.

With this unique hybrid approach, Storage Guardian slashed their data center footprint from nine cabinets to just two, **an 80% reduction,** all while boosting the performance and reliability of their backup and recovery services. They cut power consumption from approximately **45 kW to just 10 kW**, achieving major sustainability gains and unlocking a full suite of enterprise data services from a single platform.

"StorONE gave us a reliable, high-density platform that simply works."

Omry Farajun, Founder, Storage Guardian

THE RESULTS

The move to StorONE delivered measurable gains across power, space, and operational agility:

- **80% Reduction in Data Center Footprint:** From nine cabinets to two
- **78% Lower Energy Costs:** Significant reduction in power draw and thermal load
- **Increased Agility and Flexibility:** Scale capacity and performance with standard hardware
- **Consistent High Performance:** Across backup, disaster recovery, and cyber-resilience workloads
- **Simplified Operations:** Fewer systems to manage, faster provisioning, and better responsiveness

The StorONE platform enables Storage Guardian to consolidate all critical storage and backup workloads onto ONE single system. As demand grows, they can scale by simply adding industry-standard drives — avoiding vendor lock-in and expensive forklift upgrades.

> "We have reduced our energy consumption, freed up valuable data center space, and gained flexibility, all while delivering better service to our customers."
>
> *Omry Farajun, Founder, Storage Guardian*

KEY BENEFITS AT A GLANCE

- 80% smaller data center footprint
- Reduced power and cooling costs
- Simple scalability with off-the-shelf hardware
- Lower total cost of ownership
- Built-in support for multiple protocols and workloads
- Robust data protection and security
- Faster backup and recovery times

LOOKING AHEAD

This deployment brings StorONE's vision of efficient and sustainable infrastructure to life: fewer racks, lower costs, and better service delivery.

With StorONE, Storage Guardian has dramatically reduced its data center footprint and power consumption while gaining the flexibility, scalability, and performance to grow without compromise.

The StorONE platform empowers service providers to simplify operations, strengthen security, meet sustainability goals, and deliver more value - all at once. This is the future of infrastructure: leaner, smarter, and built to deliver more with less.

In one word, efficient.

Store More. Stay Fast and Secure. Spend Less.