2022 R14

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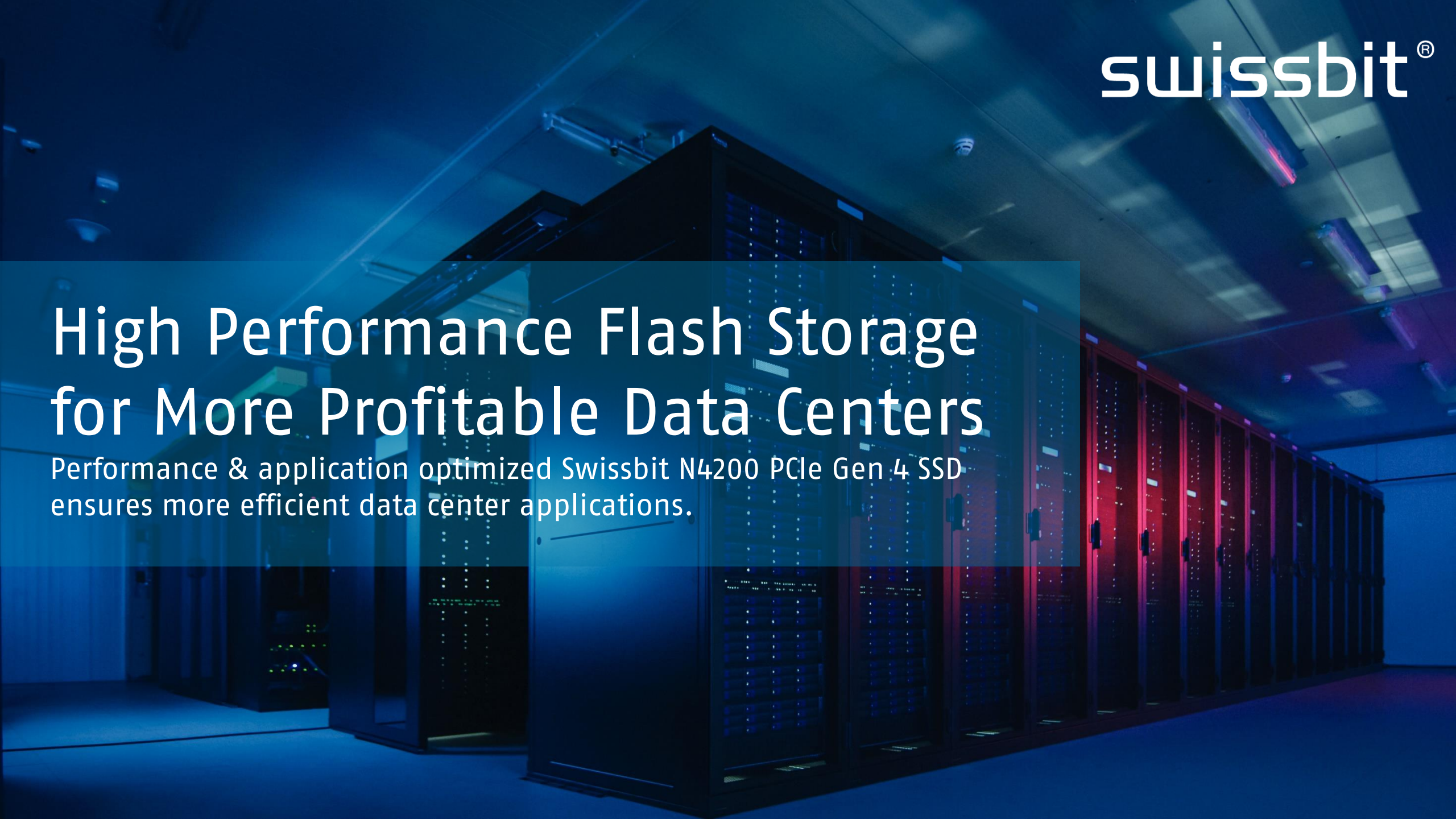
Disrupting the Data Center SSD Market with Custom Swissbit SSD Solution

Performance & application optimized Swissbit N4200 8TB / 16TB
PCIe 2.5" U.3 SSD ensures more efficient data center applications



High Performance Flash Storage for More Profitable Data Centers

Performance & application optimized Swissbit N4200 PCIe Gen 4 SSD ensures more efficient data center applications.

Challenges: Environment at Data Centers Getting More Complex

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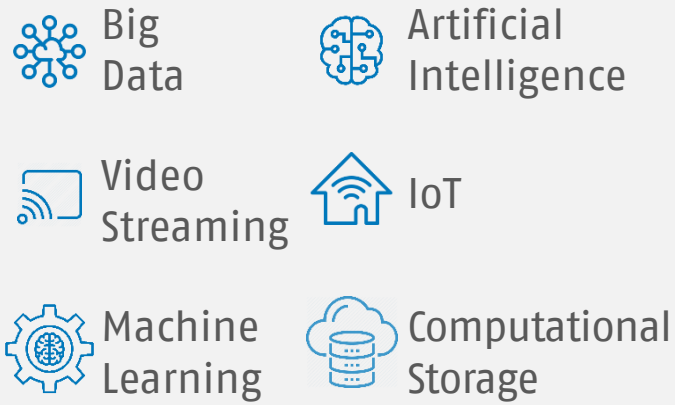
Staggering amount of
various cloud applications



Applications are getting
increasingly complex

One-size-fits-all SSDs based upon HDD concepts not designed for this complexity

Issues & Workarounds Driving High Costs and Inefficiency

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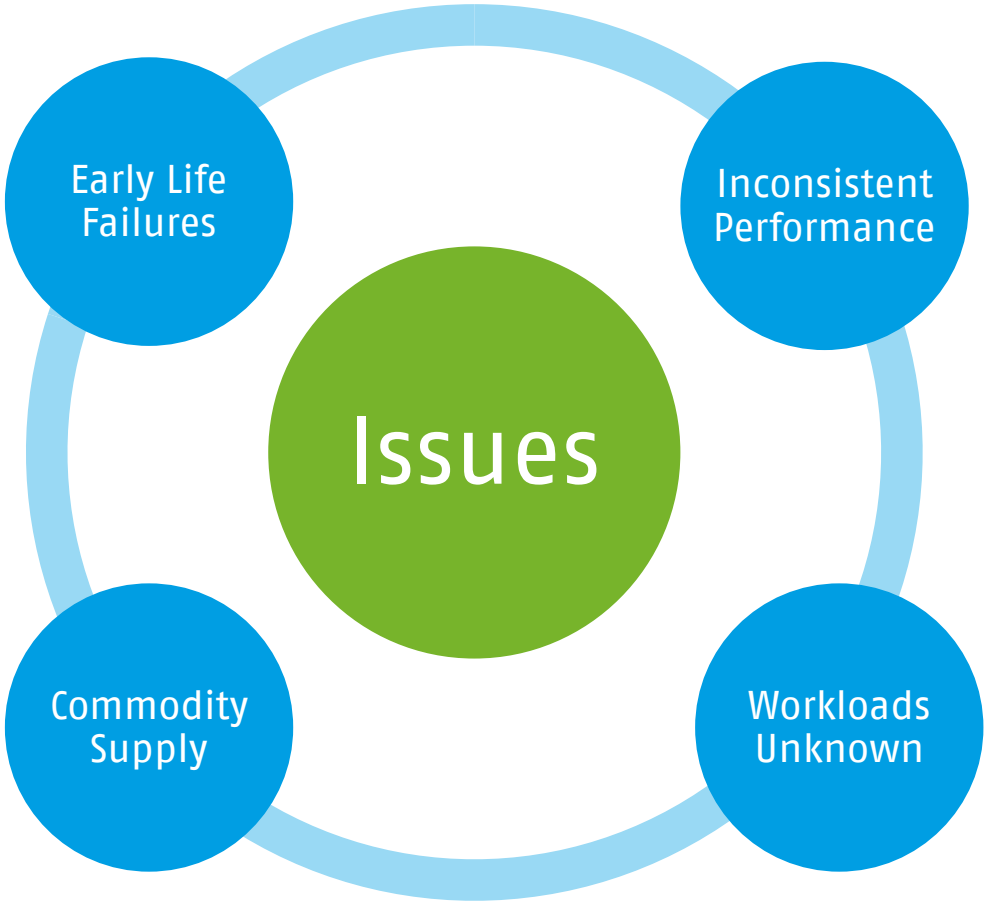

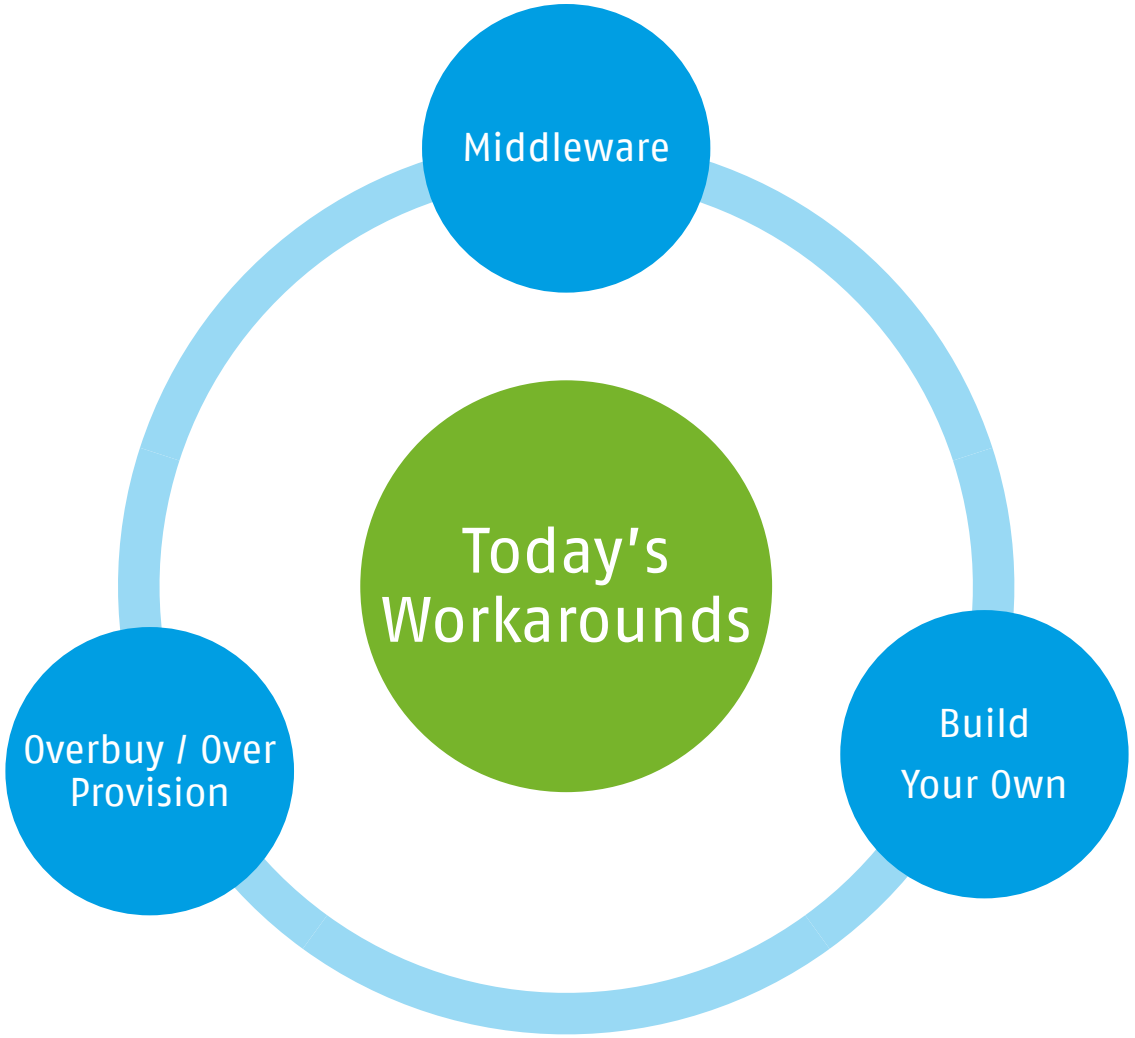

Our Solution: Application Centric Optimization

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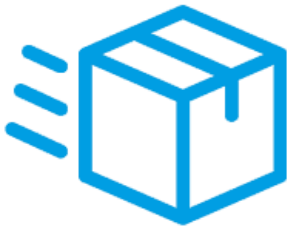
Test Trial
at Customer Site

Optional:
Tuning & Test

Swissbit SSD
& Delivery

Test trial with optimized standard firmware, analyzing the application behavior in real-life environment and understanding how flash is really used.

One-time service fee (NRE) for additional custom tuning and custom optimization of the SSD features and tailored application centric firmware in collaboration with customer.



Custom Swissbit SSD ready to meet exactly the solution needed with cost-saving direct supply model.

Value We Create: Savings up to 20m USD annually*

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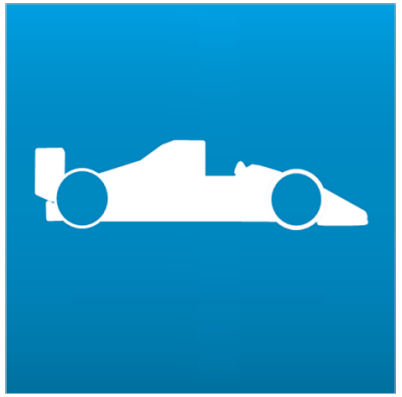
Swissbit makes data center applications more efficient and profitable by providing custom SSD solution with application centric optimization without system modification ensuring:

Best application performance throughout the drive life



Up to 5x higher sustained performance, latency and endurance

Reducing SSD costs up to 30% for real life workload

Overall higher profitability by doubling drive life and increasing service fees

* assuming 5k units per month, $1000 each, 30% fewer

The Product We Offer: Data Center Optimized SSD

We offer performance & application optimized PCIe SSD products that ensure more efficient data center applications.

Swissbit N4200 PCIe SSD

Enterprise / Data Center PCIe SSD

- Optimized for real life applications
- Long utilization
- Sustainable performance

Firmware

- Firmware optimized to your workload
- Tailored Firmware
- FW designed in US

Services

- Trusted Supply Chain
- Manufactured in Germany
- Cost-saving direct supply model

Beating Data Center Competition under Real Workload

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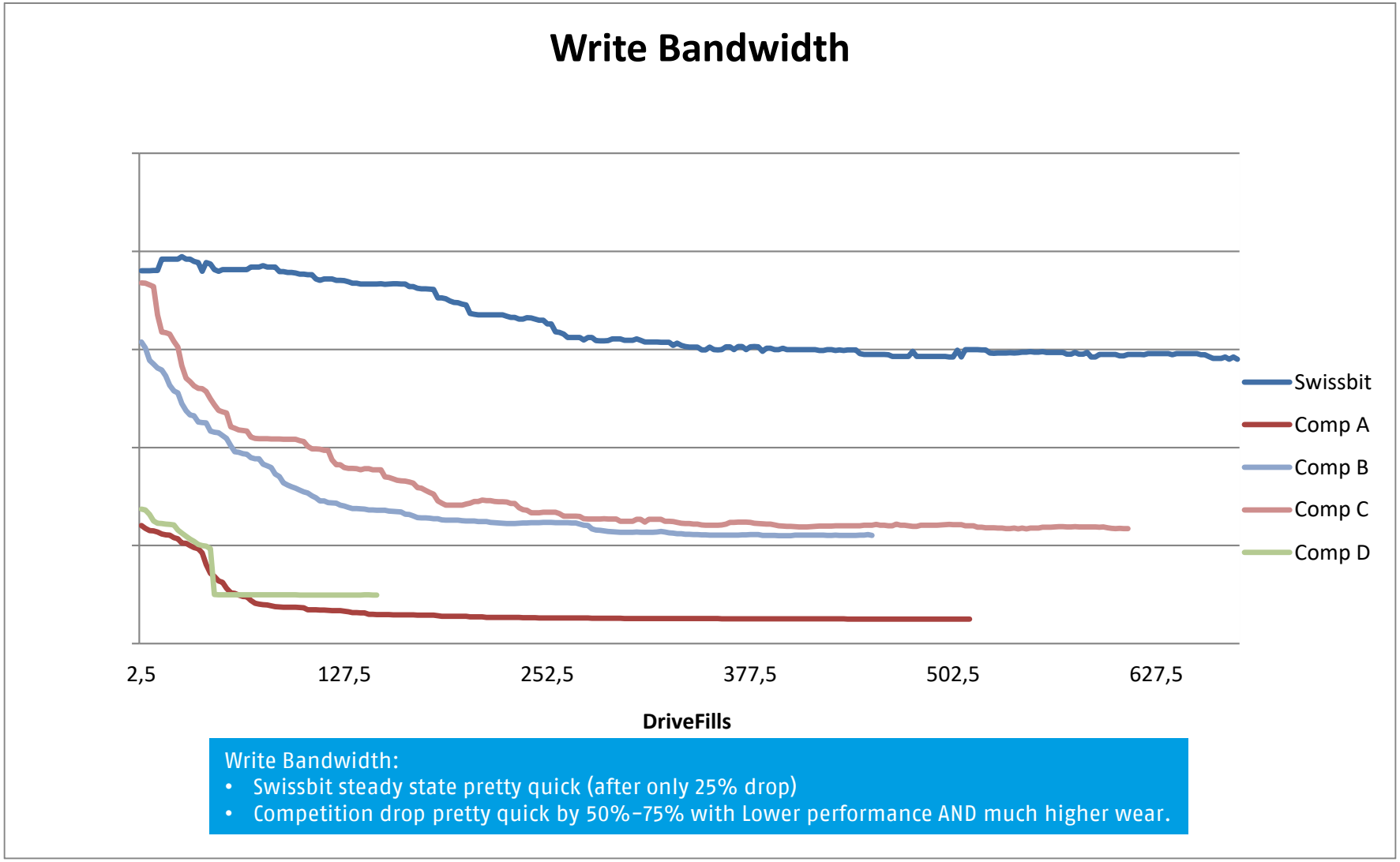
Write Bandwidth over lifetime



The Unique Benefits Result in Reduced Total Cost of Ownership

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We provide highly reliable flash storage that reduce total cost of ownership (TCO) with savings up to 20m USD annually (assuming 5k units per month, $1000 each, 30% fewer).

Lower Operations Cost

Designed to robustness

Endurance Optimized

High sustained performance

Lower Life-time Cost

Reduced maintenance cost

Lower cost per rack unit & per performance

Best-in-class service & support

Higher Profitability

Increasing number of customer application on same rack space

Increased revenue per rack space

Reduced capital spending for maintaining high performance

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Reliable Storage & Embedded IoT Applications

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