

Hybrid Arrays Are Dead

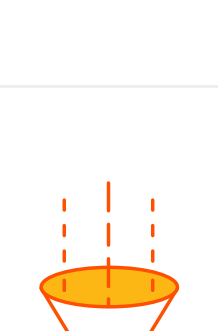
Pure Storage® FlashArray//C signals the end of hybrid storage.



What's wrong with hybrid arrays?

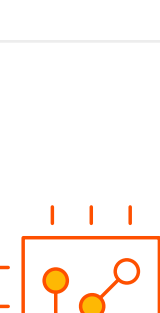
Higher Cost

Hybrid arrays rely on expensive persistent memory to overcome the slower performance of off-the-shelf QLC storage.



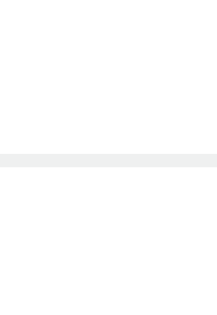
Slower Performance

Hybrid arrays use a varied mixed of storage media types resulting in inconsistent array performance.

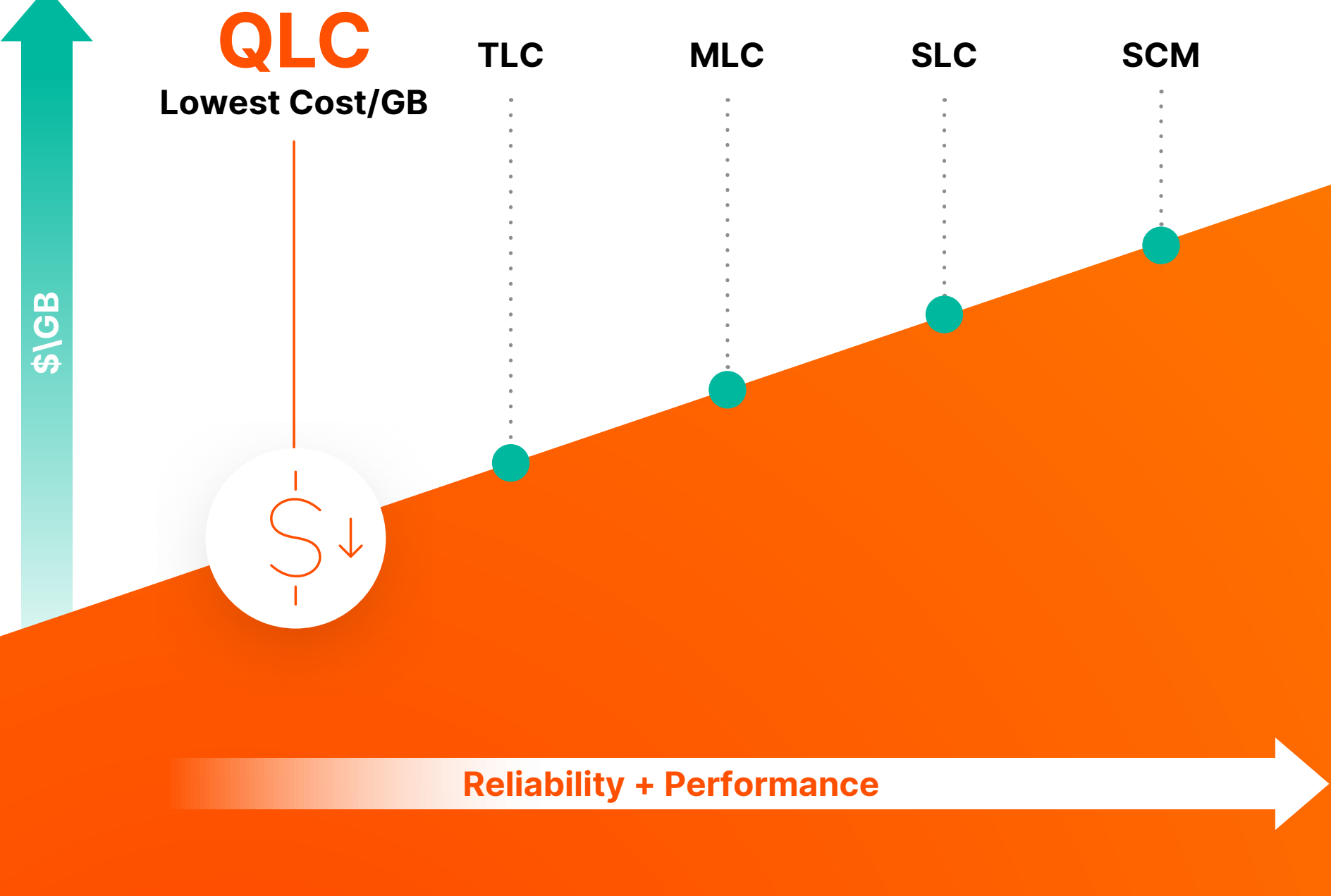


Inconsistent Features

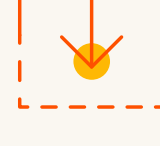
Hybrid arrays differ from vendor to vendor, handling workload demands differently depending on the degree of feature set completeness included or what can be purchased separately.



A new generation of flash is shaking up SSD economics.



But standard QLC has technical challenges.



Lower endurance



Lower performance



Low signal strength

THE HOLY GRAIL

What if there was a way to get QLC economics without sacrificing performance and endurance?



Enterprise class endurance



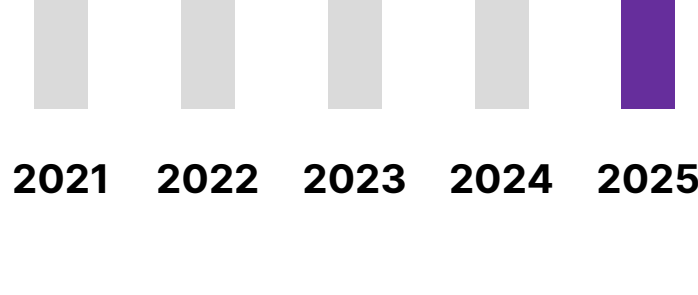
Performant for a range of workloads



Lower cost than hybrid arrays

Future state of storage arrays.¹

QLC is the future



QLC adoption will accelerate to more than

50%

by 2025

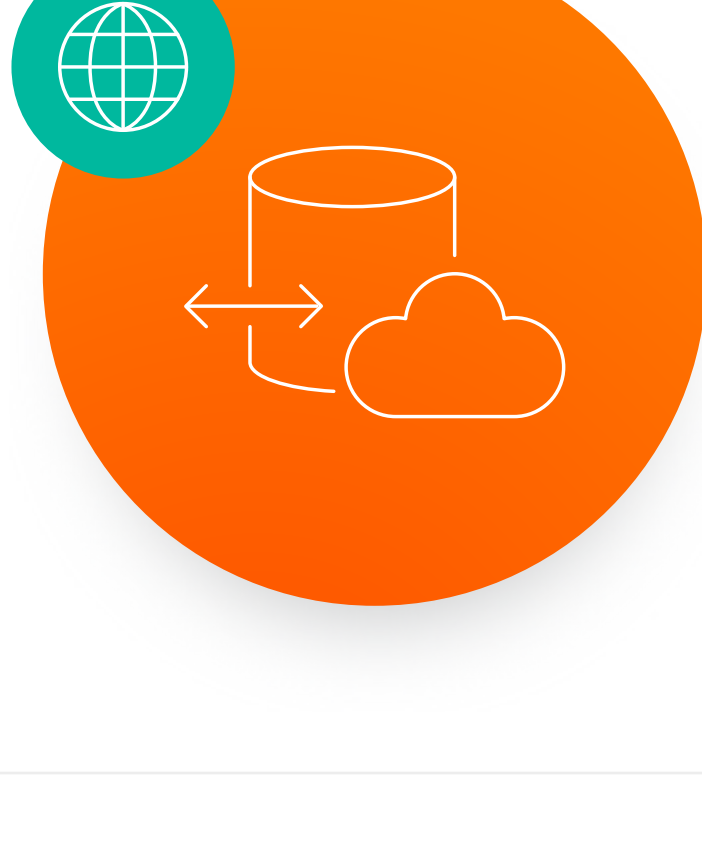
Performance can't be compromised

NVMe, NVMe-oF, and SCM account for a vast majority of storage deployed to tackle **performant workloads**.



Data protection is crucial to business continuity

Global DRaaS and hybrid-cloud solutions account for increasing share of **backup, DR, and cybersecurity** solutions.



Operational workloads need both capacity and performance, but not at a premium.

Workload Consolidation

All capacity-oriented workloads

Data Protection

Enterprise RPO/RTO and data integrity



DevTest

Clone your infrastructure efficiently, as many times as you need to

Disaster Recovery

Reliable recovery to any device, anytime

ALL-QLC FLASHARRAY™

Pure Innovation



ADAPTIVE I/O CONTROL

Better performance

Adaptive flash QoS, ensuring consistent 2-4ms latency

PREDICTIVE RESILIENCY

Intelligent protection

Telemetry down to the flash block level, with continuous monitoring via Pure1®

SMART ENDURANCE

Enterprise grade

Maximize drive lifetime

FlashArray//C makes hybrid arrays obsolete.



Right-sized capacity



Enterprise-grade availability and reliability



Consistent performance



Lower cost than hybrid storage

Optimize your data center storage with

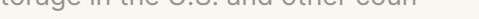
Pure's new QLC-based FlashArray//C.

Learn more at

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¹ Gartner 2020 Strategic Roadmap for Storage, July 1, 2020