

Get more out of Oracle with NVMe-based IBM FlashSystem™

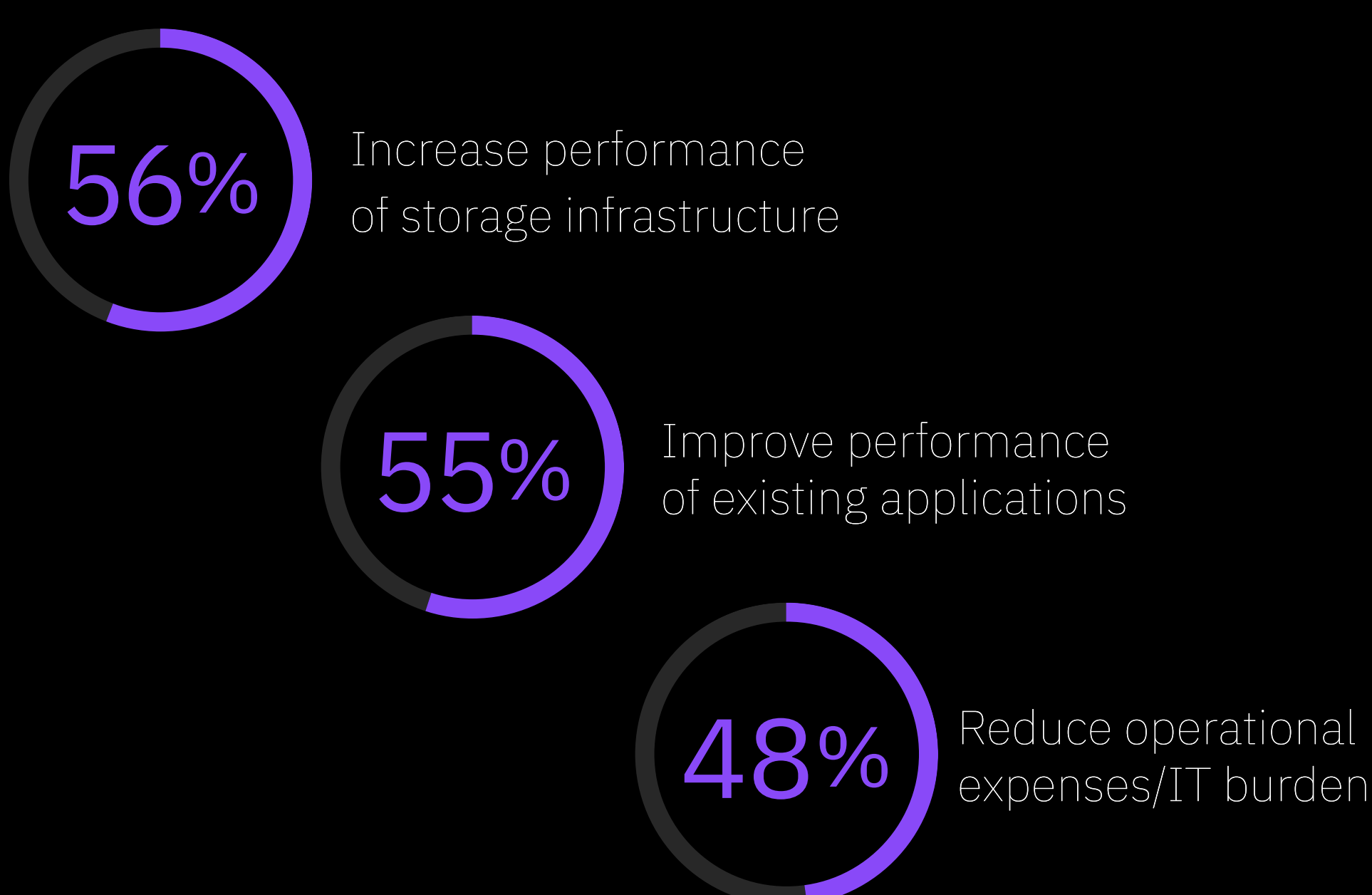
In a data-driven world, optimal decisions can be reached faster using optimal technology. To analyze and transact data in near real time, you need fast access to data—especially for mission-critical apps such as Oracle.

An IBM FlashSystem™ 9200, 32Gb/s NVMe-enabled infrastructure helps speed data access and improve application performance. The possibilities? More informed decisions and cost optimization.

[Read the ESG Performance Report](#)

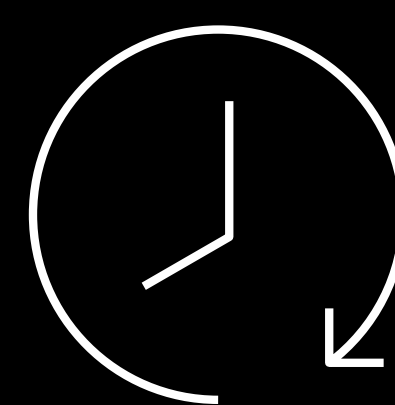
Top Reasons Organizations Adopt NVMe

ESG conducted a survey to understand the reasons driving organizations' adoption of on-premises NVMe-based flash storage.

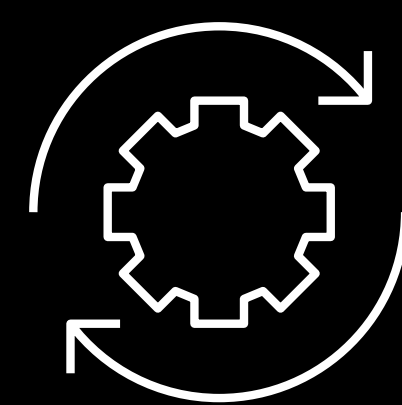


The Potential Benefits of End-to-End NVMe

As with most things, the whole is greater than the sum of its parts. Using NVMe supported flash storage alone cannot solve all the potential I/O bottlenecks of a workload. Enabling end-to-end 32 Gb/s NVMe over Fibre Channel connectivity—from the host through the SAN to the flash array—can expand the full bandwidth and increase performance by about **10X**.

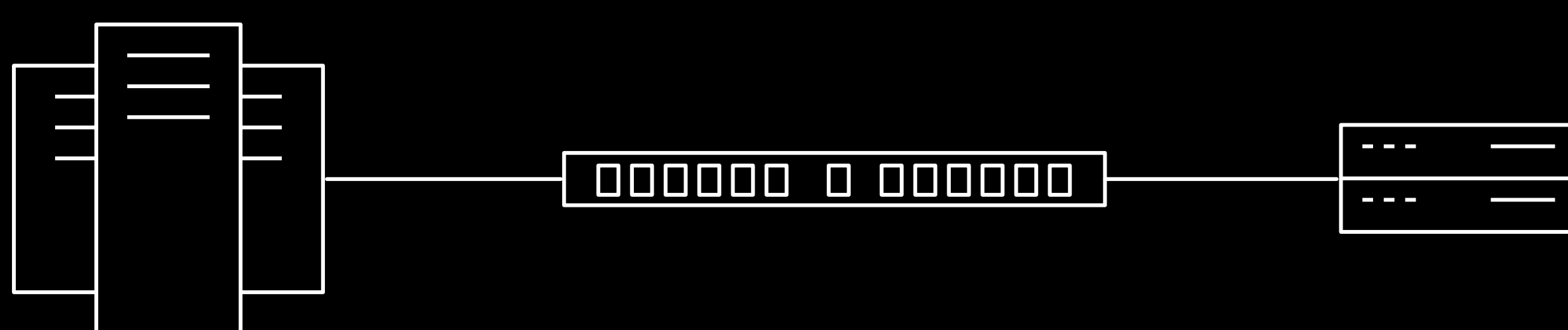


ACCELERATE BUSINESS EXECUTION



OPTIMIZE OVERALL EFFICIENCY

End-to-End 32 Gbps NVMe/FC

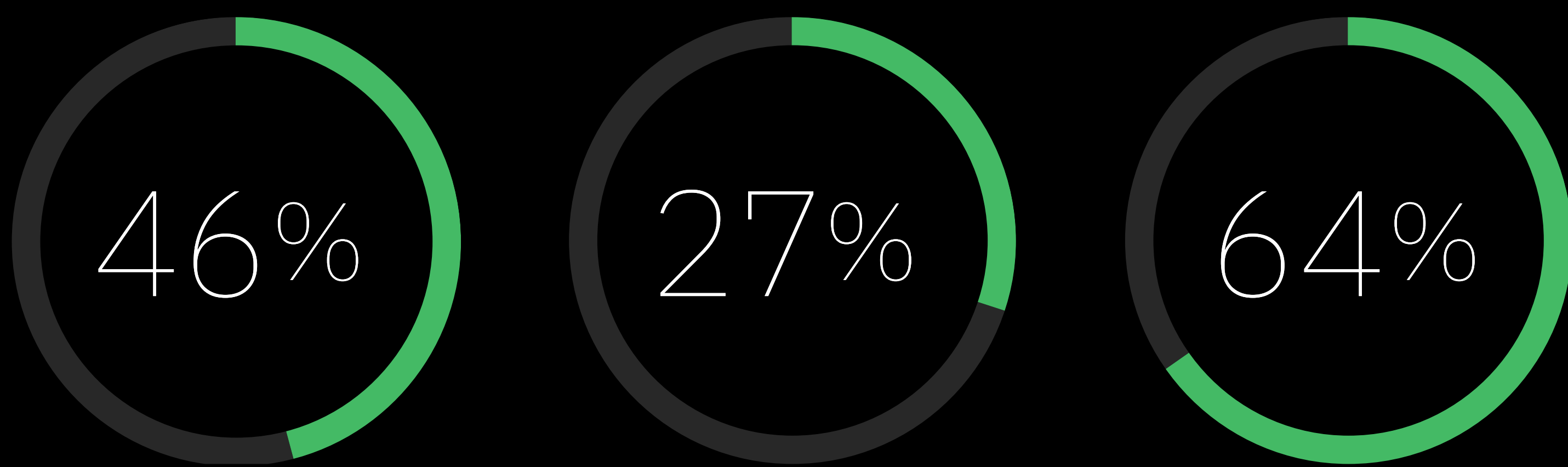


Oracle 12c Database App & Server

IBM Storage Networking b-type

IBM FlashSystem™

Faster analytics can help drive informed decisions and can potentially deliver more impact to the business



Reduced Query Completion Time

More new orders per minute

Improved CPU utilization

For More Information:

[Read the ESG Performance Report](#)

[Learn more](#) about the IBM FlashSystem Family

[Learn more](#) about the IBM Storage Networking b-type Family

* This ESG Technical Validation was commissioned by Broadcom and is distributed under license from ESG.

- Simulated Oracle workload (transactional workload)
- Source: ESG Research Report, [Data Storage Trends in an Increasingly Hybrid Cloud World](#)
- Source: [Optimizing Oracle Database Efficiency and Performance with 32G End-to-end NVMe](#)