

The Journey to Storage Modernization

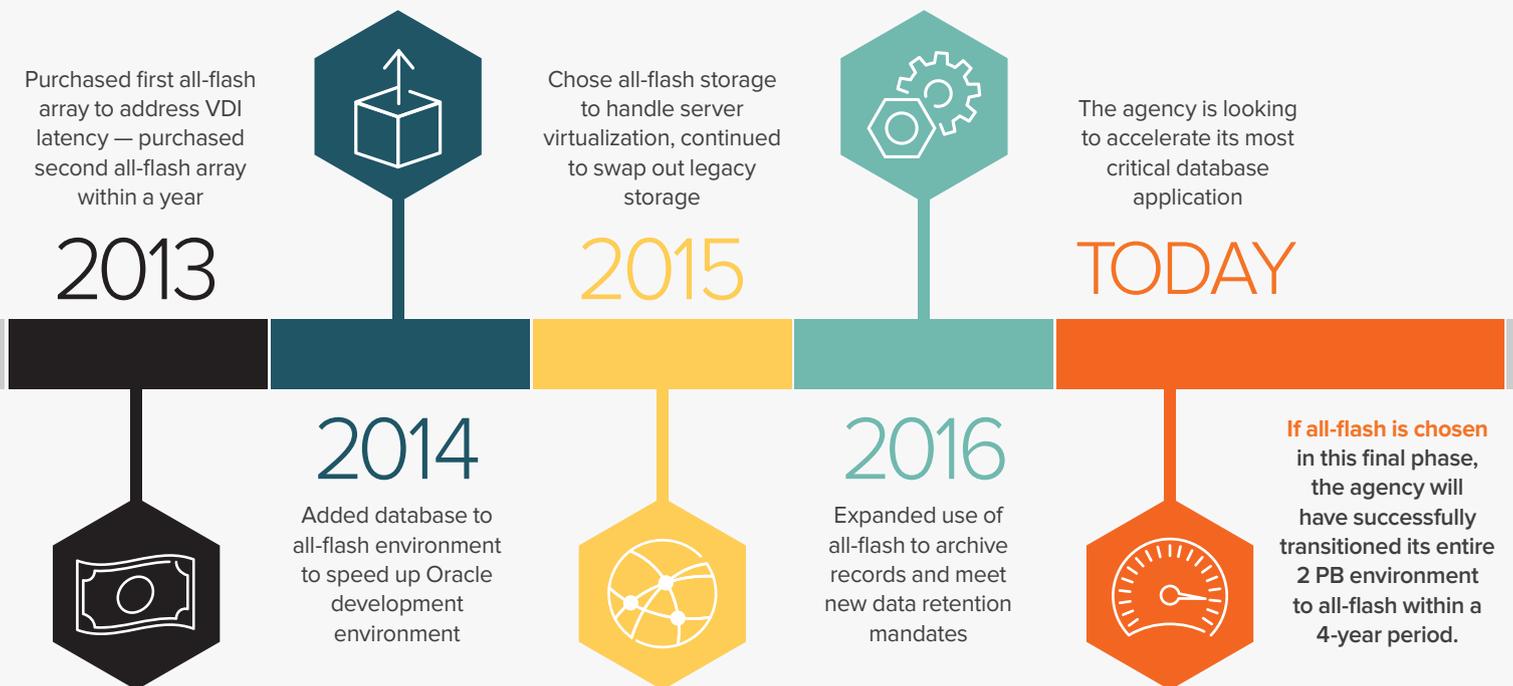
A Platform to Handle Tomorrow's Demands, Today

In 1956, IBM introduced the first disk drive, which was the size of a large wardrobe, had a capacity of 3.75 MB and was leased for \$3,200 per month. Flash forward 60 years and hard disk drives are now the last mechanical relics in an otherwise digital data center. So what's replacing the long-standing, large-footprint spinning disk? Flash storage — a cost-effective, scalable, high-capacity, high-throughput storage platform.

By moving from spinning disk to flash storage, government agencies can save time and money while improving citizen services. Legacy technology is costly — 75 percent of the federal IT budget is spent on operations and maintenance, according to the Government Accountability Office. When they just maintain the status quo, agencies can't respond to changing business and citizen needs. Citizens want fast, reliable access to government services from any device.

One Agency's Journey

Agencies need a storage platform that can handle these modern demands. Leaders at one large government agency recognized they needed technology to propel them into the future and adopted some all-flash storage in 2013. Although they knew they were ahead of the curve in adopting flash, they felt their existing technology was quickly becoming obsolete.



At every stage, the results proved the business case to continue moving to all-flash. In addition to its performance gains, the agency has achieved **78 percent cost savings (\$122 million over 12 years)**, and an **80 percent reduction in power, space and cooling**.

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