

Boost Performance, Efficiency and Insights with All-Flash Solution



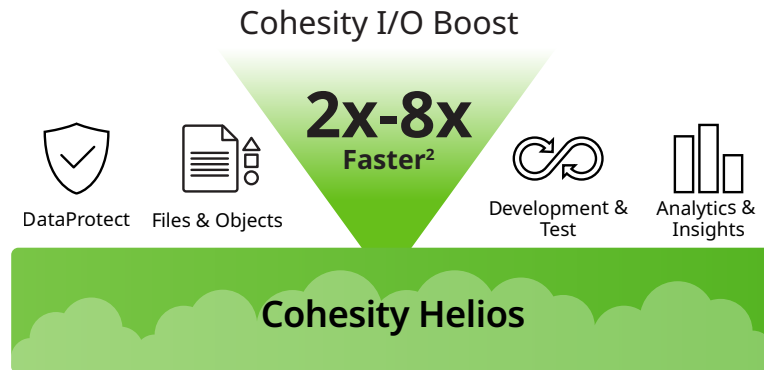
Key Benefits

- Lower TCO than disk-based alternatives
- Increased productivity
- Faster time to data reuse and value

According to IDC, the adoption of All Flash Arrays (AFAs) is rising in popularity for big data and analytics, technical computing, content and media streaming, backup, and disaster recovery workloads.

Many organizations today are moving toward a diskless data center, embracing all-flash for all data because of its superior speed and lower total cost of ownership. With all-flash solutions, IT teams are better positioned to realize incredibly fast performance for backing up, recovering, accessing, and deriving insights from all of their data.

For the first time, a comprehensive solution powered by I/O Boost technology in [Cohesity Helios](#) and supported on certified servers from Cisco, Hewlett-Packard Enterprise (HPE), Dell, and Intel is available to enterprises worldwide. It offers an integrated way to simplify, streamline, and speed data management. It accelerates backup to meet the most demanding recovery. It also speeds NAS workloads for quicker data access, offers unmatched efficiency, and allows organizations to do more with their data faster. The result: lower TCO than disk-based alternatives, increased productivity, and faster time to value.






Power Your Data Management with I/O Boost

Cohesity-certified all-flash systems with I/O Boost deliver 2x-8x² performance improvements for backup, files and objects, disaster recovery, and other data management use cases compared to equivalent disk-based systems without I/O Boost.

The capability delivers better performance, efficiency, and faster time to value—all through an enhanced architecture for storing and accessing metadata for faster metadata-intensive operations on certified all-flash servers. For example, it supports seamless and parallel storage and access for metadata and data, intelligent placement of data and metadata on flash, and optimized quality of service policies to maximize peak performance for workloads. Moreover, it makes flash-based systems more affordable with even greater consolidation.




Realize the Benefits of the Diskless Data Center

Compared to disk-based alternatives, Cohesity’s all-flash data management future-proofs IT environments while delivering business benefits.

<p>Increased Productivity</p> 	<ul style="list-style-type: none"> Gain predictable performance across traditional and modern workloads—wherever they reside Experience 2-8x² performance improvement compared to disk-based alternatives Meet demanding SLAs with flash-optimized performance Experience instant mass restore and continuous data protection at flash performance
<p>Lower TCO</p> 	<ul style="list-style-type: none"> Extend all-flash to backup and recovery, file and object services, dev/test, and analytics workloads for infrastructure standardization with primary systems and simplified operations Accelerate solving mass data fragmentation with even greater consolidation Enjoy cost-effective all-flash solutions enabled by superior data reduction Boost sustainability by lowering IT costs, footprints, and carbon emissions with all-flash data management
<p>Faster Time to Value</p> 	<ul style="list-style-type: none"> Go beyond using data as insurance to discovering insights faster with Cohesity Marketplace apps on certified all-flash servers Accelerate data reuse for dev/test, security, and compliance—at scale Boost business continuity with faster replication for disaster recovery Speed information searches at scale for recovery and content analysis

Discover the Right Certified All-Flash Solution for Your Organization

Cohesity delivers I/O Boost in Helios together with the following Cohesity-certified all-flash enterprise servers from these proven partners, so you have the flexibility to choose a solution that suits your business needs:

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|  | <ul style="list-style-type: none"> Cisco UCS C220 M5 |
|  | <ul style="list-style-type: none"> HPE ProLiant DL360 G10 |
|  | <ul style="list-style-type: none"> Dell PowerEdge R640 |
|  | <ul style="list-style-type: none"> Intel Server System R1208WF, R2208WF |

1. IDC: Moving Towards an All-Flash Data Center Era to Accelerate Digital Transformation, 2021.
 2. Performance metrics vary depending on workload and certified server.

Learn more at [Cohesity.com](https://www.cohesity.com).
 For configuration information, please visit www.cohesity.com/products/certified-platforms



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