Power Real-Time Intelligence with FlashStack and Splunk

For thousands of organizations, Splunk has become mission-critical. But it's still a very demanding workload. FlashStack can dramatically improve Splunk Enterprise deployments by accelerating data ingest, indexing, search, and reporting capabilities—giving businesses the speed and intelligence to make faster, more informed decisions.

THE DEMANDS OF SPLUNK ENTERPRISE

Splunk enables businesses to gain real-time insight from the massive amount of machine data generated by their IT systems and technology infrastructure. Organizations are then able to act on real-time events, improve service levels, and deliver superior business results. To operate in real time, a Splunk® cluster must be able to continuously ingest and index huge quantities of data, while concurrently processing large numbers of ad hoc queries and complex reports. These operations generate intensive, random read and write workloads that the underlying storage must be able to cope with or else storage bottlenecks will cause slowdowns—delayed data availability, unhappy end users, and critical incidents that are missed.

FLASHSTACK SOLUTIONS

FlashStack™ solutions are enterprise-class integrated infrastructure from Cisco and Pure Storage. It is a tightly integrated combination of Cisco UCS® Integrated Infrastructure and Pure Storage® FlashArray storage.

FAST

Intel® Xeon® Scalable processors and consistent sub-microsecond latency eliminates performance challenges

FLEXIBLE

Easy and dynamic scalability without downtime

TRANSFORMATIVE

Technical innovation without the need to rip and replace

VALUE

TCO below the cost of disk with industry-leading data reduction and 10x savings on power, cooling, and space

- **IMPROVED INGEST AND INDEXING RATES**
  Increase the rate and amount of data ingested
  Reduce the time taken for data to become available

- **IMPROVE CONCURRENT USER REPORTING**
  Increase report frequency and the number of reports run
  Improve reporting time

- **VIRTUALIZE**
  Without compromising performance

- **IMPROVE SEARCHES**
  No impact on performance of other critical operations

- **ENTERPRISE-GRADE AVAILABILITY**
  Delivers high availability, consistent performance, and nondisruptive operations

SCALE CONFIDENTLY AND SEAMLESSLY

Starting at 30 TB usable capacity in the FlashStack™ //M10 and scaling up to 1.5 PB usable in the new //X, FlashStack provides an all-flash storage solution for every budget and need.

MOVE FORWARD WITH FLASHSTACK

If your IT infrastructure is holding your business back, it's time to consider FlashStack. With our data center architecture, you can move from inflexible systems to an agile platform that supports dynamic business operations.

LEARN MORE

- *Splunk on FlashStack* solution brief

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AT A GLANCE