



SOLUTION BRIEF

FlashStack: Energize IT



In today's fast-paced world, you rely on your IT organization to help you deliver positive outcomes. Although revolutionary technical and economic developments in data center technology abound, your organization likely isn't fully benefiting from these innovations. Why? Many IT environments are too complex, expensive, and risky to upgrade or change, or they aren't stable or flexible enough to incorporate dramatically new technologies.

FLASHSTACK: SMART INFRASTRUCTURE FOR TRADITIONAL AND CLOUD IT

Cisco and Pure Storage have worked together to deliver FlashStack™: smart infrastructure that provides value for both traditional and cloud models of IT service delivery. This powerful platform is simple to deploy, use, and maintain, and it is preintegrated with popular cloud platforms. Now your IT organization and infrastructure can flex, scale, and support the services, applications, and rate of change that your organization needs to maintain a competitive advantage. You can start with a typical data center deployment and then move to the cloud when you are ready, with just a few clicks.

EMPOWER YOUR BUSINESS

The pace of change continues to accelerate. FlashStack solutions deliver the always-on power you need to support your critical workloads, build your cloud, and compete like never before. FlashStack requires no

EMPOWERING

Support critical workloads, build a cloud, and compete like never before.

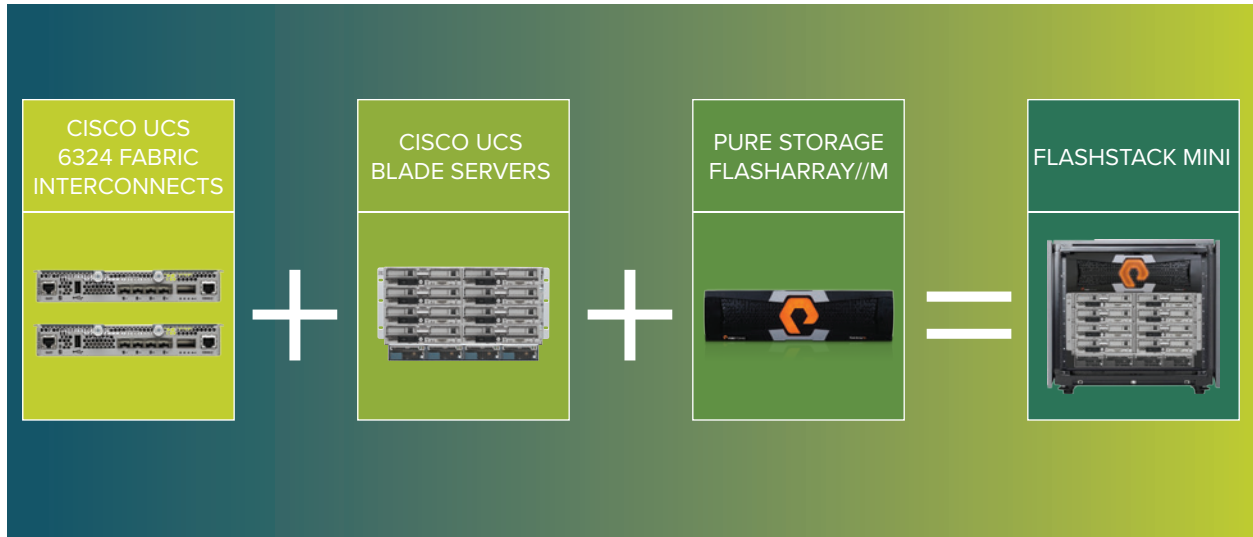
EFFICIENT

Choose among mini, small, medium, and large solutions to optimize your floor space, power, and budget.

EVERGREEN

Upgrade and scale the performance and capacity of your infrastructure without disruption.





compromises. We deliver market-leading computing, network, and storage resources from Cisco and Pure Storage in a converged infrastructure solution that is easy to deploy and use.

INNOVATE. Unlike other vendors, we don't focus just on computing and disk-storage capacity. Nor do we use only a fraction of the technologies available. FlashStack brings all these features plus the benefits of high-capacity, lower-cost flash memory to your IT infrastructure so that you can accelerate operations and results.

MOVE FAST. We recognize that your IT staff doesn't have time to waste. FlashStack is pretested and validated so that your staff doesn't need to spend time figuring out how to select, connect, integrate, test, and manage components. Whether you need to consolidate workloads, or support critical applications, virtual desktops, or private cloud service delivery on demand, our lab-tested architectures reduce risk and guesswork by providing your IT architects and administrators with guidebooks for implementation. By

reducing infrastructure deployment times and achieving faster time-to-value, FlashStack improves reliability, helping you fulfill your service-level agreements (SLAs) and giving your IT staff more time to focus on innovation.

INCREASE EFFICIENCY

People, infrastructure, and facilities are significant factors in data center operations. FlashStack provides an exceptionally efficient approach that allows you to right-size your infrastructure to meet your needs. We offer mini, small, medium, and large





configurations with reproducible designs to help guarantee sizing, performance, floor space, power, and cost every time. You can buy what you need now and expand as demands change.

SAVE. Industry-leading density and capacity configurations help reduce your need for costly data center space and lower your power and cooling costs. Built-in management and automation capabilities and integration with familiar tools, such as Cisco UCS® Director, VMware vRealize, OpenStack, and more simplify

infrastructure management, free your IT staff from repetitive and time-consuming tasks, and reduce the likelihood of errors due to misconfiguration.

UPGRADE. Pure Storage arrays used in FlashStack are engineered in a clean way, allowing every component to be upgraded without disruption. During operation you can upgrade storage controllers and nonvolatile RAM (NVRAM) to accelerate performance, update firmware, and add expansion shelves to increase capacity.

TRUST. Delivered by skilled resellers and closely supported by Cisco and Pure Storage, your FlashStack solution can be ready to go from day one. If you have questions, the FlashStack partner ecosystem, including single-call support delivered by Cisco, can quickly get you the support and customized services you need and help you accelerate your business.

GO EVERGREEN

The process of scaling your IT infrastructure to match your organization's growth needs to be simple—you have enough to





worry about. With FlashStack, you need to install the system only one time. Then you can upgrade without disruption. You can purchase models that meet your budget, performance, and capacity requirements today, or you can repurpose existing resources to build a FlashStack deployment with the benefits of an all-flash data center.



SCALE. When it is time to adapt, you can independently and incrementally scale or upgrade the performance and capacity of your infrastructure. You can add to or replace computing, network, and storage resources as needed, or you can add FlashStack systems to your existing deployment. As a result, you can start with what you need today and have confidence that the system can easily scale to 2 to 160 hosts and from 5 TB to 1.5 PB of storage, helping ensure that your IT infrastructure remains modern and valuable indefinitely.

MOVE FORWARD

If you want to break free of data center constraints, consider FlashStack solutions from Cisco and Pure Storage. Our efficient and evergreen configurations allow you to rightsize your data center and empower your organization, whether you need traditional or cloud-based IT. Whether small or large, your FlashStack solution can be ready to go from day one. If you have questions, the FlashStack partner ecosystem, including single call support delivered by Cisco, can quickly get you the support you need so that you can accelerate your business.

FOR MORE INFORMATION

For more information about FlashStack solutions, contact:

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