SOLUTION BRIEF

Pure Storage for Payment Processors

Smart, simple data solutions built for the modern payment processor

Performance, security, scalability. These principles define our approach to storage solutions for the payments processing industry. Global leaders in financial services and payment processing rely on Pure for their critical applications and technology, supporting growth in a rapidly evolving sector. Driven by a shift to eCommerce, mobile, and card-not-present transactions, transformation in the payments industry is accelerating, prompting a record number of mergers and acquisitions in the process. Pure's industry-leading reliability and non-disruptive upgrades have what it takes to meet payment providers' new requirements for speed, scalability, and simplicity.

As the Industry Grows, So Does the Competition

According to Insider Intelligence, online retail sales surged to $794.5 billion in 2020, totaling a record-breaking 14.4% of all US retail that year.

As the world goes digital and e-commerce surges, the payment processing industry is experiencing a huge transformation, expanding quickly at around 10% growth in the US and 8% globally each year. This coincides with an increase in IT spending, with the total global payments industry spend for data centers currently around $13.5 billion a year and expected to triple by 2025. The industry's rapid transformation has continued to drive new data management requirements for speed, scalability, reliability, and simplicity. Plus, new entrants in the space have stepped up the competition by offering improved convenience and cutting-edge experiences. Providers are also rapidly modernizing their legacy payment platforms to meet the demands of modern payment processing.

High Performance

- Get latencies as low as 150 microseconds (μs) plus 99.9999% availability
- Increase efficiency with an all-flash array
- Improve gateway uptime and response time
- Advance service levels

Modern Data Protection

- Modernize backup and recovery environments
- Meet compliance obligations
- Protect application data
- Ensure data privacy

When Microseconds Matter, Pure Delivers

For payment processors, top performance is a necessity to achieve faster transaction handle times and effectively meet SLAs. To meet increasing customer and merchant expectations, it is imperative for providers to adopt reliable, high performance technology that ensures maximum gateway uptime. Reliability and consistency are also crucial, making data available with consistent latency, across all workloads and even during upgrades.

Pure Storage FlashArray//X delivers the low latency and continuous uptime needed to keep up with industry demands and meet critical SLAs. Latencies as low as 150 microseconds (µs) along with 99.9999% availability make Pure's all-flash arrays the industry-leader in enterprise storage. Featuring a range of options for on-premise, hybrid, and multicloud, Pure helps you avoid merchant dissatisfaction through flexible and efficient APIs, broad interoperability, and the ability to support a wide range of Point of Sale (POS) solutions.

Get Modernized Data Protection with Pure

Data breaches, fraud attempts, and ransomware attacks cost money and can damage brand reputation. This, along with increasing data security and privacy regulations, means payment processors require top data security to protect revenues, meet customer expectations and adapt to the latest regulations.

Pure Storage modernizes data protection by simplifying data storage across the enterprise for efficient, always-on data accessibility and end-to-end data encryption:

- Purity ActiveDR™ seamlessly protects application data across almost any distance while minimizing both recovery points (RPOs) and recovery times (RTOs)
- FlashBlade® provides instant snapshots and rapid restore (up to 270 TB/hr) capabilities
- Pure FlashRecover™ helps you improve business resiliency, achieve full availability, and protect application data while modernizing your backup and recovery environments

Scale-out Storage

- Enjoy flexible expansion and non-disruptive upgrades
- Receive all-flash storage built for any workload
- Improve longevity and scalability with lower TCO

Faster Time to Market

- Accelerate development and data recovery
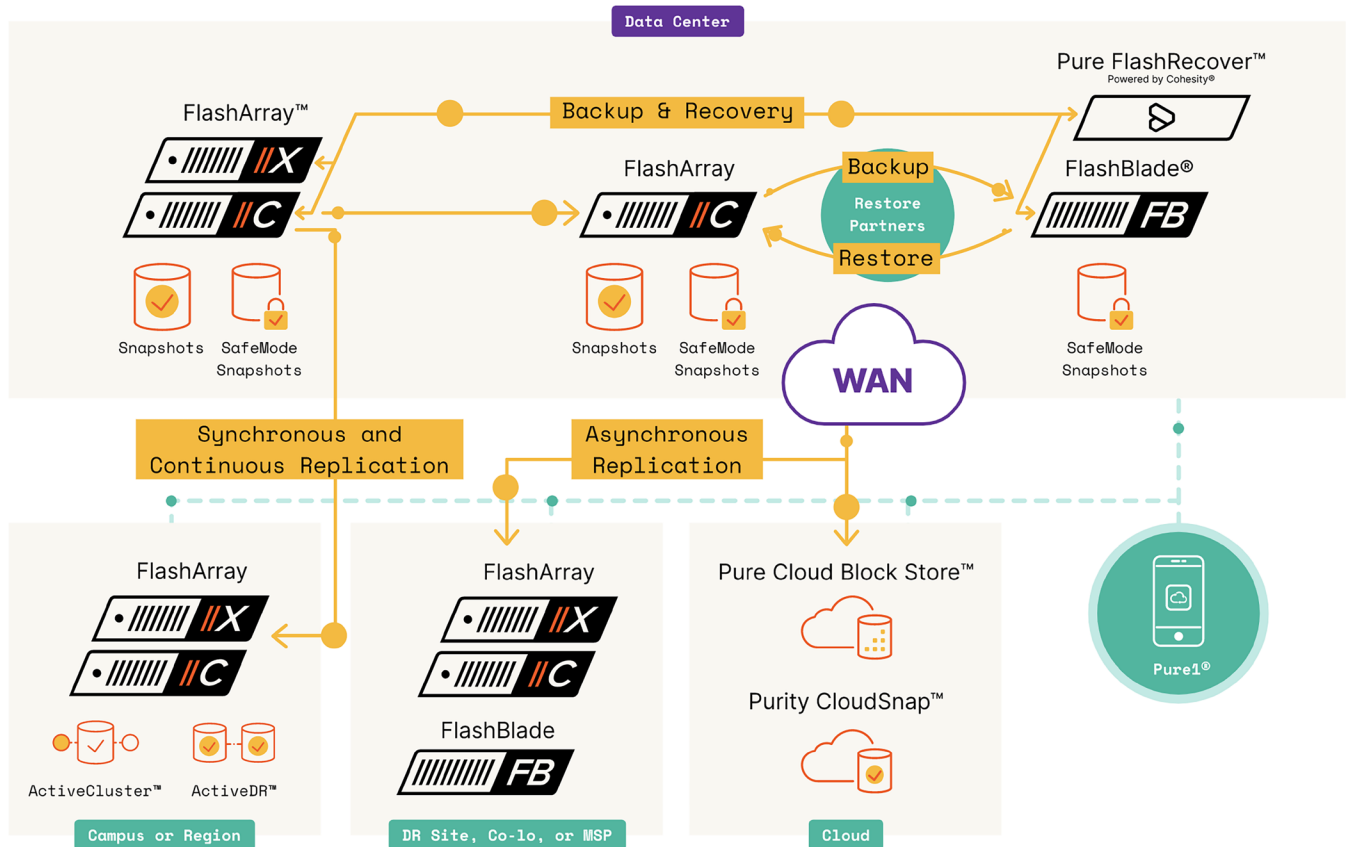- Increase IT and DevOps productivity
- Leverage next-gen intelligence

Figure 1. A comprehensive ecosystem for protecting your data. Pure Storage provides payment processors with end-to-end protection across the data center, remote sites, and the cloud that is simple, fast, efficient, and lets you easily use your valuable backup data for other purposes.

Scalable Solutions Built for You

Payment processing providers demand scalable storage solutions in order to keep up with increasing payment volumes and massive industry and merchant growth.

Pure provides all-flash, scale-out storage built for high-performance file and object storage that operates across a broad range of workloads. Pure as-a-Service™ and Evergreen™, the industry's first subscription-based storage experience, frees providers from costly upgrades through future-proof architecture. For full flexibility, Pure's storage services can handle any protocol and any tier plus multiple clouds in a single environment. Now, providers can have the innovation and competitive edge of an upgrade without the expensive, disruptive process. Pure's non-disruptive upgrades and capacity additions along with simplified management frees IT staff to work on higher value projects while leveraging data to launch new products. This means reduced risk and lower TCO leading to higher profitability.

Accelerate Time to Revenue

Pure as-a-Service is built to accelerate time to revenue for payment processors through unfettered data access, automated and consolidated DevOps, and next-gen intelligence:

- Utilize a broad array of automation platforms to accelerate software builds, versioning, and debugging
- Gain competitive advantage through accelerated next-gen analytics and AI
- Leverage data into actionable insights to drive revenue

Plus, with Portworx 2.8 integration, Pure delivers container ready infrastructure which allows DevOps teams to take full advantage of optimized data management. Infrastructure teams are freed to focus on delivering a policy driven environment that handles all enterprise requirements such as security, encryption, and uptime.

The Established and Trusted Payment Partner

Payment processors need knowledgeable partners to provide deep insights and expertise that help them modernize their legacy payment platforms and continuously innovate to stay ahead of the competition. With the right tech, solutions, and strategies, Pure Storage is the trusted partner for payment providers and Pure is committed to helping industry leaders meet their storage needs. See for yourself the results we've generated for our customers such as Ingenico and Paygroup.

> "There are several reasons we went with Pure Storage, but ease of management, performance and data reduction capabilities came to the fore. That saves our team a lot of time that we can now spend on innovation."

ERCAN EROL, PLATFORM IT MANAGER AT INGENICO

> "We used to report around 90 hours of overtime per month, now we report an average of 10 hours. This has had a positive effect on the company's cash flow."

JOSE LUIS GODOY, IT INFRASTRUCTURE ASSISTANT MANAGER AT PAYGROUP

The Tools to Deliver Fast, Reliable Transactions With Ease

Our customers have spoken: Pure Storage has a Net Promoter score of 83.5 against an average score of 40, putting us in the top 1% of B2B companies for the fifth year in a row.

Pure Storage provides all-flash data storage technology, allowing payment providers to achieve industry-leading performance and efficient end-to-end encryption at a low total cost. Through a single, scale-out storage platform that enables firms to utilize data to optimize transactions, Pure Storage accelerates modern AI workloads and improves transaction approval rates. While legacy systems are complex and difficult to manage, Pure is simple and easy to use featuring API-defined storage services, simple management tools, and actionable analytics. Pure lets payment providers pay only for what they need, when it's needed, and painlessly upgrade to the latest innovations. With the boost in uptime that Pure brings, you'll accelerate time to revenue faster than ever.

Somewhere in Pure's range of products you'll find the technology solution that's right for you. Ready to discover the Modern Data Experience from Pure Storage?

Discover More

purestorage.com

800.379.PURE

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