SOLUTION BRIEF

Transform Healthcare Operations with VDI

Improve local and remote staff productivity while delivering a Modern Data Experience™ to IT.

Hospital and care provider staff need rapid access to patient data if they want to deliver exceptional care. Real-time access to clinical and electronic health record (EHR) data allows teams to diagnose and treat patient concerns and ensures that back-office processes like billing run smoothly. But accomplishing real-time data access for distributed workforces is no easy task. It requires a secure virtual desktop infrastructure (VDI) built on modern storage designed for speed, simplicity, and efficiency.

The Key to Clinician Productivity

The speed at which clinicians and other teams can serve patients is dependent on how quickly they can access data and how much data is available to them. VDI provides a powerful platform for consistent, secure access to that data. VDI delivers a common experience and data access to staff, whether they are using a terminal, tablet, or laptop to retrieve data. It also ensures a common security model for accessing data, minimizing the risk of an electronic Protected Health Information (ePHI) breach.

But VDI is only as good the storage that underpins it. As image and record sizes increase, legacy disk or flash systems can harm VDI implementations with poor performance, limited scaling, and downtime during upgrades. These issues can cause slowdowns or an inability to access records, which in turn upsets patients and decreases clinician productivity.

A Modern Data Experience for VDI

A Modern Data Experience provides the best way to ensure your clinical and back-office staff can deliver the best possible patient experience—inside and outside the physician's office. We built the Modern Data Experience for VDI on four concepts embodied in our portfolio of advanced, all-flash solutions.

Improved Productivity

- <1ms latency lets staff get data quickly.
- Benefit from FlashArray's 99.9999% uptime and non-disruptive upgrades
- Boot thousands of desktops in minutes.

Secure Data Retention

- Pure's VDI security and always-on encryption minimize risks.

Operational Efficiency

- Get 10:1 average data reduction.
- Both floating and dedicated desktops have similar reduction ratios.

Fast matters: We have designed every Pure solution to accelerate access to data. Pure solutions leverage flash technology to help VDI solutions serve data to clinical staff and billing teams faster, so patients spend less time waiting. And because it's built on next-generation NVMe, your investment is future-proof, minimizing risks that what you buy today can become outdated tomorrow.

Cloud everywhere: Deploy your VDI solution in-house or tie it to a public cloud, vendor-neutral archive, or managed service provider. Pure solutions integrate with the cloud, supporting your ongoing digital transformation efforts. You can buy, lease, or consume our systems as a service, aligning to cloud consumption models for simplified accounting.

Simplicity: The most common issue that plagues VDI installs is complexity. Scaling to support a rapidly growing number of users can easily result in configuration challenges that risk downtime or a lower-than-expected ROI. Pure solves this with a system that is simple to configure – from anywhere – and offers AI-driven, proactive support as well as workload modeling. These capabilities let you resolve issues before they become outages and plot upgrades before VDI slowdowns occur.

Continuous innovation: Pure Storage has consistently led the industry in our approach to customer relationships. When you buy from Pure Storage, we offer controller upgrades, array software, and even flash storage upgrades with our eligible Evergreen subscriptions so you aren't surprised with hidden costs. And with a proven track record of non-disruptive upgrades, choosing to update carries no risk of unplanned downtime.

These benefits combined with powerful enterprise data services—replication, clustering, data reduction, encryption, and more—deliver a solution that grows with you. With Pure, you can eliminate unnecessary risk, improve staff productivity, and deliver superior patient care.

Additional Resources

- Read how [Atlantic Health](#) and [Lafayette General Health](#) are improving access to data to provide better patient care.

- Download an ebook to learn how you can [Realize the Promise of VDI with Flash Storage](#).

- See how you can integrate FlashStack™ with [VMware Horizon](#) and [Citrix Desktop](#).

- Download an infographic to see how Pure VDI solutions solve the [six biggest VDI challenges](#) IT leaders face today.

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