

Ensure Success for High-Visibility VDI Solutions— From Architecture Through Deployment

SwishData Corporation helps you select the right technology, develop a plan, and implement entire Virtual Desktop Infrastructure (VDI). If, like many organizations, you've firmly concluded you must move to VDI, you're looking for benefits such as:

1. **Significant cost savings**
2. **Ease of administration**
3. **Enhanced productivity through user mobility**
4. **Significantly improved data security and data management**

These benefits are often accepted as foregone conclusions. But because VDI is always so visible, *how* you achieve them is just as important as *whether* you achieve them. That's why SwishData focuses on making sure your VDI implementation is *completely seamless* as well as *completely successful*.

The Challenges to VDI Design

IT managers are extremely concerned about how their users will be affected by any project and how to minimize any disruptions. Virtualizing user desktops will directly impact every single user, making VDI projects highly visible and **MUST** succeed the first time. So how do you pick a solution? How do you test it? How do you implement it? What products must be included to meet all the requirements for a complete VDI solution? How does an agency make sure a VDI deployment will provide expected benefits?

VDI is an engineering and architecting intensive project. It's essential to complete a successful proof of concept (POC) with a representative group to test the environment and design. Depending on the size of the eventual user base, it may be necessary to conduct several POCs that increase in size and scope. Organizations may not have the manpower or expertise they can devote to integrating all the technologies involved, much less to planning or orchestrating a successful POC.

SwishData brings a track record of success with VDI projects in the federal government to help with these challenges.

Around the beltway, SwishData is known for its ability to innovate and solve technical problems. Our engineering expertise enables us to help you select the right technologies for your VDI project and to develop detailed project plans with proven methodologies from past deployments. When you're ready, SwishData will implement your entire VDI project—from the first step of a POC to the final hand-off of the infrastructure to your team.

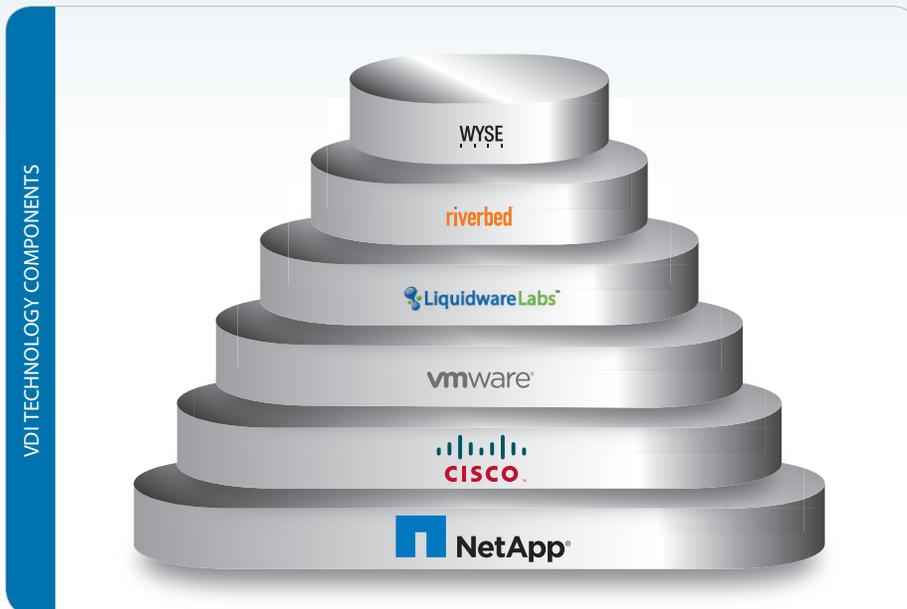
50% cost reduction
for desktops
and laptops

50% VDI storage
reduction

99% backup
success
for user
data

100% removal
of data
outside
data center

A Better Design From the Ground Up



SwishData uses **NetApp storage** because of its efficiency and performance advantages within VDI infrastructures. NetApp storage requires 50% less capacity and its industry-leading Flash Cache architecture makes boot storms a thing of the past.

Computing for VDI must be efficient for virtualization and simple to manage. That's why the **Cisco Unified Computing System (UCS)** platform is SwishData's choice for compute nodes in a VDI infrastructure. This platform offers on-demand elasticity and management flexibility with a better TCO than other compute platform choices.

The largest component of the VDI project is the virtualization application itself. **VMware's View** combined with **vSphere** offers users the most freedom and performance while giving IT administrators comprehensive control of a responsive and agile environment. These features are what make VMware View the most widely deployed and trusted VDI solution.

Profile management using **Liquidware Labs** makes ongoing VDI administration far easier. The Liquidware Labs solution may be the smallest part of the investment in a VDI solution, yet it offers a lasting improvement in user and administration satisfaction. SwishData uses Liquidware Labs during deployment and recommends customers use it for ongoing administration.

Riverbed application delivery and network optimization technologies reduce network demand and accelerate VDI performance. Stingray virtualized load balancing solves high-volume challenges. Steelhead network optimization reduces response times to significantly improve user experience as well as the success and ongoing performance of VDI architectures.

VDI user terminals can range from a current laptop or desktop to Bring Your Own Device (BYOD) or to secure zero clients with no OS to boot or data to retain. SwishData uses **Wyse** to provide a highly secure, yet affordable solution for providing endpoint access to the VDI environment. It delivers an uncompromised, zero-client experience to users—no matter where they are.

SwishData Puts It All Together

SwishData has specialist-level expertise in every element of a successful VDI deployment (not just one or a few). Our VDI solutions are based on industry-leading technologies. We have extensive experience in matching technologies to mission requirements and actually installing them. We manage the entire VDI implementation lifecycle—from architecture to deployment, training, and ongoing support. So you can avoid coordinating multiple vendors, reduce your risk, and accelerate deployment.

SwishData is your one-stop, single point-of-contact partner for desktop virtualization.

SwishData

DATA PERFORMANCE ARCHITECTS

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About SwishData

We're the data performance architects. SwishData ensures the performance, affordability, and security of your agency's data infrastructure through both architecture and deployment.

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