

VDI Without Compromise

SimpliVity's marketing-leading hyperconverged infrastructure solution delivers VDI without compromise – the ultimate user experience, with superior economics. It is ideally suited to run VDI workloads, with unique benefits including:

- Simplified deployment with hyperconverged, x86 building blocks
- Ability to start small and scale out in affordable increments—from pilot to production, including the ability to connect existing servers for additional compute capacity
- Independently validated, unmatched VDI performance for a superb end-user experience
- Highest density of desktops per node in the hyperconverged category
- Enterprise-class data protection and resiliency

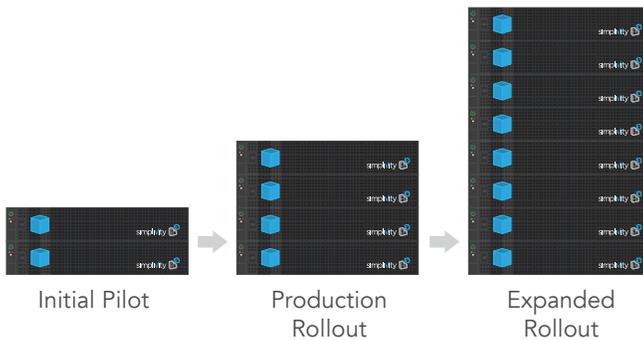
Top Challenges of VDI

1. **User Experience** - The success or failure of a VDI project often hinges on user adoption. If users are plagued by constant delays, outages, data loss, or interruptions, they are likely to reject the solution and leave the organization stuck with a costly investment and little to show for it.
2. **Return on Investment** - On the other hand, if the cost to deliver an adequate user experience is far beyond the expected returns, the project is likely to be considered a failure because of a lack of return on investment. Factors that contribute to ROI include the initial cost per desktop, ongoing operating costs, and the costs to expand the infrastructure as demand increases.
3. **Project Risk and Complexity** - The journey towards desktop virtualization can be daunting, with many unique requirements to navigate, including the high volatility of desktop workloads compared to server workloads. Traditional infrastructure solutions add to this complexity by requiring multiple products such as servers, SAN, storage, and data protection software, with multiple points of management, in order to deploy, manage, and protect virtual desktops.

Why SimpliVity for VDI?

SimpliVity is a recognized market and customer satisfaction leader, offering the industry's most complete hyperconverged infrastructure platform. The SimpliVity solution goes beyond compute, storage, and storage networking to converge all IT infrastructure and advanced data services for virtualized workloads - including data efficiency, data protection, and mobility - onto x86 servers. SimpliVity hyperconverged infrastructure is the ideal solution for addressing the challenges of VDI environments.

1. **Deliver the ultimate desktop experience** - SimpliVity offers unmatched, Login VSI-validated desktop performance and ultra-fast desktop provisioning for a superb end-user experience. Built-in resiliency, backup, and disaster recovery keeps desktops operating without interruption.
2. **Get superior economics** - SimpliVity delivers more desktops on less hardware than any other hyperconverged vendor, supporting up to 250 desktops per node or more, without sacrificing performance or high availability. Organizations can even connect existing servers for additional compute capacity, to increase performance without adding costs.
3. **Simplify with hyperconvergence** - SimpliVity makes it easy to deliver a virtual computing environment users will love. The SimpliVity solution takes the complexity out of VDI by converging all IT infrastructure and data services for virtual desktops in a single x86 building block.
4. **Scale as you grow** - from pilot to production - SimpliVity's building block approach helps to align IT investments with demand. It reduces sizing risk by allowing organizations to start small and quickly scale out as the number of users and desktops increases.



Customer Perspective

“Before SimpliVity, IT was constantly flooded with support tickets due to our VDI performance. We were doing the best we could to manage and make incremental improvements to the infrastructure, but we realized that we needed to find a better solution than a traditional SAN. SimpliVity has been the ideal solution for us. We were able to reduce our data center footprint, reduce power costs, and, most importantly, our users are finally happy with our VDI performance.”

– Adam Borecki, Systems Analyst, Guelph Hydro



To read more, view [SimpliVity's Customer Testimonials](#).

Citrix and VMware Ready

SimpliVity has tested large-scale VDI deployments using both VMware and Citrix VDI solutions on SimpliVity hyperconverged infrastructure. The results have been validated and published in the form of several reference architectures. These documents provide a blueprint for designing and deploying highly scalable and resilient hyperconverged infrastructure for [VMware Horizon](#) and [Citrix XenDesktop](#) implementations.

Login VSI Validated Performance

To-date, SimpliVity is the only vendor to undergo rigorous independent validation by Login VSI, the industry standard benchmarking tool for virtualized workloads. Highlights from SimpliVity's Login VSI validated testing include:

1. Deployed 1,000 knowledge worker desktops in 70 minutes
2. Deployed 250 knowledge worker desktops per node and scaled to eight nodes (2,000 desktops), with peak and predictable performance well below the VSI_{max} Threshold
3. Configured 1,000 knowledge worker desktops in 1,000 seconds - 2.8x faster than the standard benchmark

Solution Summary

SimpliVity's marketing-leading hyperconverged infrastructure solution delivers VDI without compromise – the ultimate user experience, with superior economics. With a simple building block approach, proven reference architectures, and Login VSI validated performance, SimpliVity reduces complexity and makes it easy to size, architect, and deploy infrastructure supporting VDI. To learn more, visit www.simpliVity.com/VDI.



For more information, visit:

www.simpliVity.com

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