Desktop Transformation – Barriers to Entry

Organizations seeking to embrace desktop transformation are often constrained by several challenges imposed by traditional approaches to desktop virtualization. These include:

• Up-front CapEx costs for the storage, compute and network infrastructure required to support virtualized desktops and applications
• The incremental cost to add capacity with predictable performance
• Integration of solution components from different vendors, and the lag between when desktop capacity is needed, and when infrastructure is eventually placed in service
• Delivering consistent levels of application responsiveness to workers at the branch office, often constrained by WAN performance and lack of on-site IT support

This lack of predictable performance and linearity in scaling can cause desktop transformation initiatives to fail for any workers located outside very large, centrally located campuses.

EVO:RAIL with Horizon

EVO:RAIL with Horizon enables organizations to cost-effectively and quickly transform physical desktops into secure virtual workspaces with a hyper-converged infrastructure appliance (HCIA) that’s optimized for the branch office, and is easier to procure, deploy, manage, and scale as demand grows.

Features and Benefits

Radically Simplified Infrastructure

Powered by VMware’s Software-Defined Data Center and Horizon 6, EVO:RAIL with Horizon includes EVO:RAIL software for accelerated infrastructure deployment, enabling IT to get desktop infrastructure up and running in no time at all.

Start Small, Pay Less

Organizations that are just getting started in their desktop transformation journey can begin by deploying a small environment with as few as 25 end users and cost-effectively grow their environment as needed without sacrificing performance. This represents a dramatic savings over physical desktops and laptops.

Better Performance at the Edge

EVO:RAIL with Horizon bypasses the challenges posed to centralized desktops accessed over the WAN. The EVO:RAIL appliance is deployed locally at the remote office, while retaining the operational benefits of centralized IT support. Remote workers can now enjoy desktops and applications delivered from this local appliance solution, with consistently great user experience.
**Linear Scalability**

Leveraging a modular architecture, EVO:RAIL with Horizon enables IT to deliver consistent performance with predictably low incremental cost as capacity is added. Growth is addressed by simply adding EVO:RAIL appliances, providing the right balance of compute, networking and storage resources, which are automatically discovered and added to the cluster in minutes, with zero configuration required. Organizations can scale cost-effectively from 25 users to over 2,000 without sacrificing performance along the way (See Fig. 1).

- Predictable performance – Grow from 25 users to 2,000
- Scale without impacting user experience
- Grow capacity by simply adding appliances
- New appliances are automatically discovered

**Figure 1: Linear Scalability**

**Hyper-Converged, End-to-End VMware Solution**

Unlike other HCIA solutions, only EVO:RAIL with Horizon delivers an all-VMware solution stack, that’s optimized for desktop and application virtualization, leveraging a single platform that spans client endpoint to server, built on the Software-Defined Data Center and VMware Virtual SAN™.

**Find Out More**

For information or to purchase VMware products, call 877-4-VMWARE (outside North America, +1-650-427-5000), visit [http://www.vmware.com/products/evorail](http://www.vmware.com/products/evorail) or search online for an authorized reseller. For detailed product specifications and system requirements, refer to EVO:RAIL documentation or consult a Qualified EVO:RAIL Partner for more information.