

# Vblock™ FastPath Desktop Virtualization Platform

Modernize Your Desktop with a Purpose-Built Desktop Virtualization Solution

## AT A GLANCE

Large organizations faced with the growing costs and security concerns created by the quantity and diversity of personal computers can deploy a more secure, cost-effective and flexible desktop environment using the Vblock™ FastPath Desktop Virtualization Platform, provided by VCE: the Virtual Computing Environment Company.

Built on VCE's Vblock™ Infrastructure Platform—which integrates best-of-breed technology from industry leaders Cisco, EMC and VMware—the Vblock FastPath Desktop Virtualization Platform is a purpose-built desktop virtualization solution for delivering desktops as a managed service.

## INDUSTRY CHALLENGES

Enterprises find themselves beset with challenges on all sides as they try to manage the ever-evolving desktop environment.

Users demand a wide variety of devices—but IT doesn't have time to manage the PCs that they currently have, let alone the additional devices that are proliferating in the workplace. As a result of these factors, PC support and maintenance costs are increasing even as IT departments are pressured to do more with less.

Security and compliance provide additional challenges. How best to secure the sensitive data stored on employee laptops, or to keep up with the multitude of privacy regulations around the world, such as Sarbanes-Oxley, HIPAA, J-SOX, Basel II and EU Privacy Regulations.

## SOLUTION OVERVIEW

Vblock FastPath Desktop Virtualization Platform is a converged infrastructure solution that combines compute, network, storage, and virtualization components—including VMware® View™ 5—into a single package.

Pre-configured, pre-tested, and pre-validated, the Vblock FastPath Desktop Virtualization Platform is the easy way for organizations to deploy a virtual desktop infrastructure.

## Why VCE and VMware for Desktop Virtualization

### Streamlined procurement.

One SKU for a complete desktop virtualization platform.

### Accelerated deployment.

Since we have already done all of the testing and integration, you can deploy your first virtual desktop the same day you receive your Vblock Platform. This enables your IT staff to spend less time testing and more time on strategic business initiatives to help generate revenue for your business.

### Modular virtual desktop growth.

IT managers can easily add more virtual desktops as their needs grow by moving to larger Vblock Platforms. This facilitates a departmental virtual desktop infrastructure (VDI) rollout and avoids the need to pre-purchase hardware that may not readily be used. Enterprises can start with a right-sized Vblock Platform and scale up or out as needed.

### Rapid provisioning and decommissioning of desktops.

The auto-provisioning features built into the Vblock Platform support rapid provisioning and decommissioning of resources. These features enable IT administrators to create and provision virtual desktops much faster than in traditional VDI environments.

### Simplified management.

The Unified Infrastructure Manager (UIM) provides a single point of management for Vblock Infrastructure Platforms and manages multiple Vblock Infrastructure Platforms across compute, network, and storage resources any where in the world. UIM enables users to unify their server, network, and storage resources for the Vblock FastPath Desktop Virtualization Platform, UIM. UIM also comes with an open management framework (API) to leverage other quality.

### Resilient architecture.

Vblock FastPath Desktop Virtualization Platform has elastic properties to accommodate unplanned events such as spikes or boot storms. This prevents the degradation of the user experience that can happen when too many users log in at the same time. Instead of rendering mission-critical desktops into an unusable state, the self-curing properties of the Vblock Platforms kick in, allocate appropriate resources, and enable end users to keep working with a high-performance user experience.

### High number of virtual desktops on a single Vblock Platform.

This solution can support thousands of users on a single Vblock Platform, and includes all of the server, network and storage that you need for your virtual desktop deployment – all in one box. The patented Cisco Extended Memory Technology improves desktop density by up to 60 percent per blade over alternative solutions.

### Enhanced security.

The company-wide security posture is improved by keeping critical information in the corporate datacenter, not on the PC.

### Seamless support.

VCE provides customers and partners with a Seamless Support experience that encompasses all aspects of Vblock Platforms, dramatically simplifying the support process. Our industry-leading support is delivered by people who are expertly trained in all components within Vblock Platforms and enabled by state-of-the-art support technologies and proven collaboration processes that proactively identify and rapidly resolve problems. No other company offers this type of comprehensive, integrated support experience.

### Find Out More

VCE, VMware, and our virtualization partners can help you take the next step in enabling transformational change across your entire IT infrastructure.

To reach a VCE sales person, visit [www.vce.com/contact.htm](http://www.vce.com/contact.htm)

To learn more about this solution, visit [www.vce.com/solutions.htm](http://www.vce.com/solutions.htm)

To learn more about VMware View 5, visit [www.vmware.com/view](http://www.vmware.com/view)



### Vblock™ Platform Impact

- **Reduce storage costs by 60 percent and physical storage footprint by 90 percent** with Vblock Solutions for VMware® View.™ Storage features such as Enterprise Flash Drives with EMC FAST Cache enable customers to serve the same number of users at 60 percent of the cost, and control capital expenditures while enhancing performance and response times.
- **Eliminate up to 12 weeks of IT testing** when architecting virtual desktop environments. Each configuration is pre-tested, pre-validated, and ready to deploy—eliminating guesswork.
- **5000:1 ratio.** Make the most of your hardware investment by running up to 5000 desktops on a single Vblock Platform.



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