



EMC END-USER COMPUTING SOLUTIONS

MARK ORTH, PRASANNA RAJAGOPAL, TONY FOSTER



FEBERDESKNOP FONTEROL OR A BETTER USER BYGEBIENCEON

BEYLCES IT QURELVES IN 18-24 MONTHS? DATA BY 2020

IDC, The Digital Universe of Opportunities, April, 2014

Gartner Forecast: Hosted Virtual Desktops Worldwide 2014 Update

CAN'T WE USE WHAT WE ALREADY HAVE?

HELP.



AGENDA

The Challenges

A Modern Data Center

EMC Portfolio of Converged Infrastructure for EUC/VDI

Customer Stories

eHealth Saskatchewan



BUSINESS CHALLENGES

Distributed desktops across organization



Lesser control over corporate data



Additional staffing requirements and logistical complexity



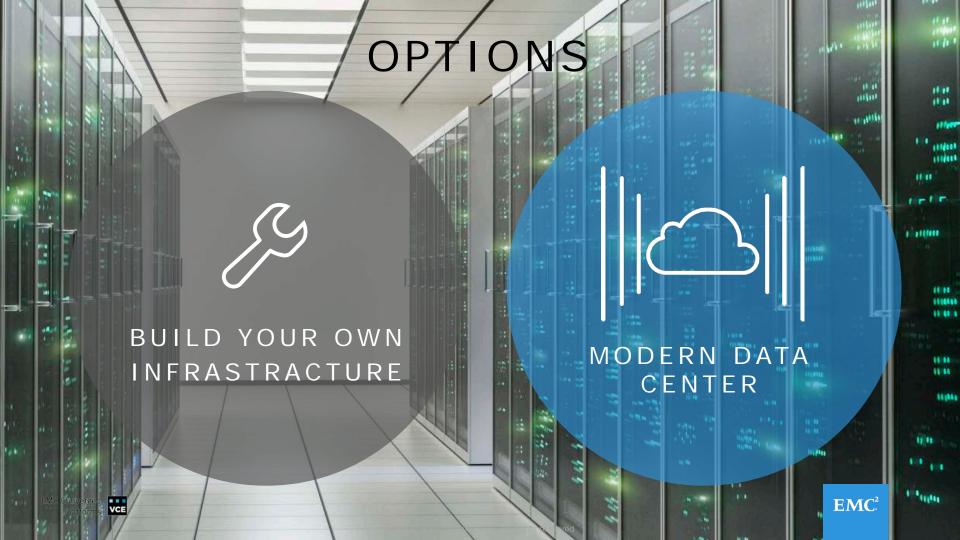
Added costs of maintaining and upgrading physical desktop hardware





TECHNICAL CHALLENGES







EMC END-USER COMPUTING



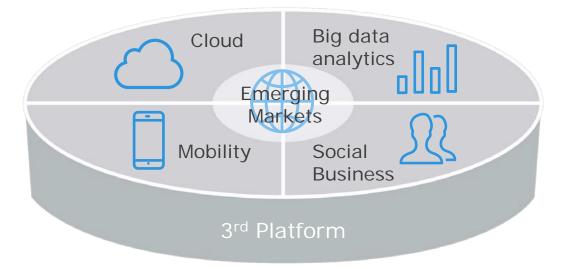
















EMC CONVERGED PLATFORM DIVISION

Integrated, tested, and validated hardware and software solutions

Built for reliable, consistent user experience

Single-call support



EMC Converged Platforms VCE



Designed for linear scaling and simplified, automated IT management

Industry-leading security architecture















EMC CONVERGED PLATFORMS DELIVERING THE MODERN DATA CENTER



THE EVOLUTION OF CONVERGENCE

Better Results. Lower TCO.

Build Your Own

Reference Architecture Converged Infrastructure System

Select each component



75% of time and budget spent "keeping the lights on"



Microsoft vmware citrix

One-stop shopping for enterprise customers, but not transformative



Fastest deployment. Eliminate many ongoing operational burdens



WHY CONVERGED SOLUTIONS?



Converged Platforms
Go Beyond Infrastructure



vmware



Converged Platform Leadership

"Solutions (EHC, BDL, EUC) are a higher-order form of the same core brand promise"

Chad Sakac

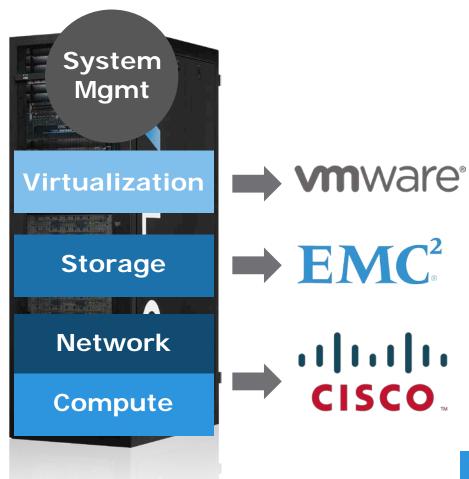
Converged Platform Delivery

Across Rack, Appliances, & Block



BEST OF BREED



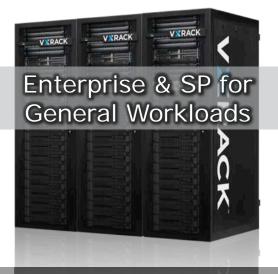




MODERNIZE WITH CONVERGED INFRASTRUCTURE

FUNDAMENTAL SHIFT FROM BUILDING TO BUYING INFRASTRUCTURE









BLOCKS

RACKS

APPLIANCES



MODERNIZE WITH CONVERGED INFRASTRUCTURE

PROVEN UNPARALLELED EFFICIENCY, AGILITY AND RELIABILITY





VBLOCK SYSTEMS FAMILY





VCE VBLOCK SYSTEM 540 SERIES PLATFORM





WHY VBLOCK® SYSTEM 540 FOR EUC?



ALL FLASH

Performance for VDI Resource Scheduling, High-Availability, Migration

SUPERIOR FLEXIBILITY

Concurrently Deploy & Recompose Thousands of Desktops

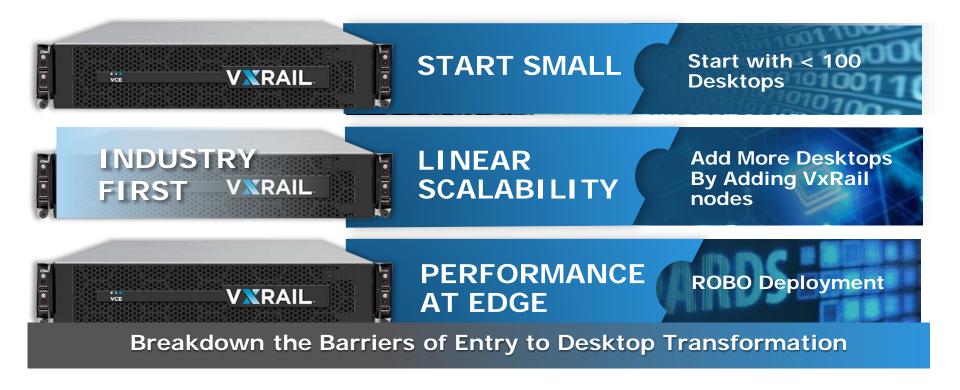
OPERATIONAL EXCELLENCE

Superior Desktop Delivery with Low CPU & Storage Utilization at Scale

Maximizing Business Outcomes through Rapid Desktop Delivery

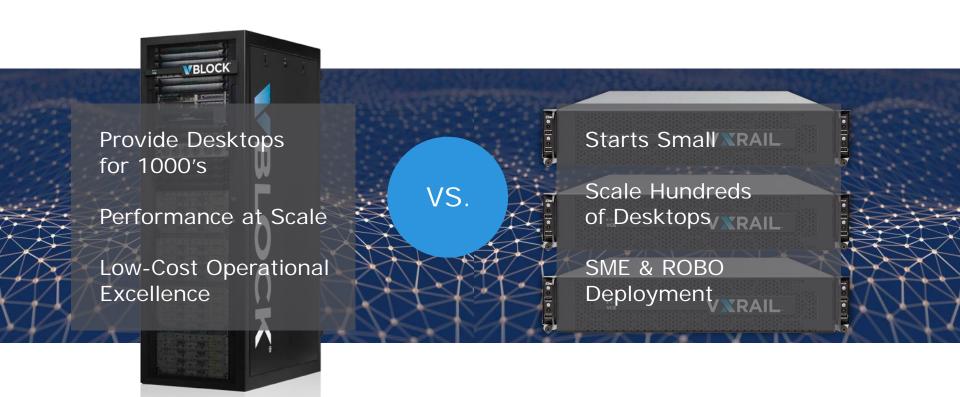


WHY VXRAIL ™ FOR EUC?



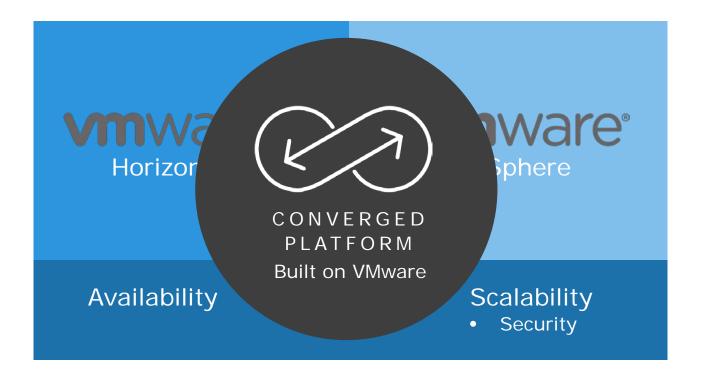


EUC ON VBLOCK® VS. VXRAIL TM





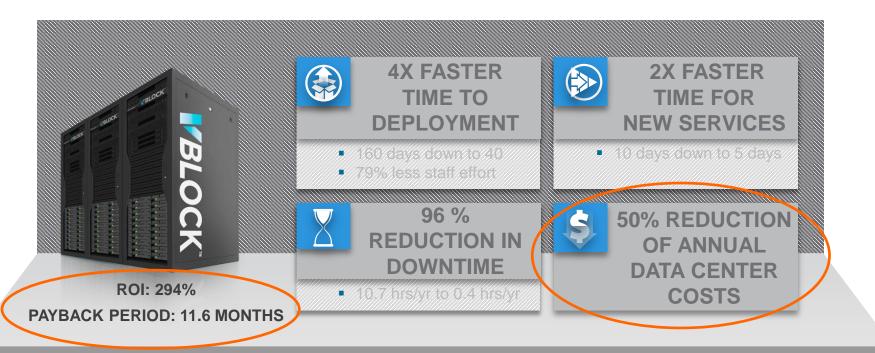
VMWARE END USER COMPUTING





VCE CUSTOMER BENEFITS

RESULTS OF IDC RESEARCH STUDY, SEPTEMBER 2013



Source: IDC White Paper, September 2013: "Convergence with Vblock Systems: A Value Measurement"



STRONG VDI TRACK RECORD

Broad Range of Reference Customers









Solutions Built on Industry-Leading EUC Technologies







More than 25% of VBlock® Systems Deployed for EUC/VDI



EMC EUC BENEFITS

RAPID
DEPLOYMENT

SECURE MOBILE WORKFORCE DATA

SIMPLIFIEDOPERATIONS,
LOWER COSTS

GREAT USER EXPERIENCE

ENSUREDSCALABILITY



eHEALTH STORY



EHEALTH SASKATCHEWAN





Maintains electronic health information systems for the province



Supports more than 1 million Saskatchewan residents



Manages all diagnostic imaging, lab, prescription, immunization, clinical encounter, pharmaceutical, tele-health, public health, and related data



eHEALTH CHALLENGES



IMPROVE end-user consistency & security





SIMPLIFY and centralize control



HAD TO MOVE QUICKLY



WHY VDI FOR eHEALTH

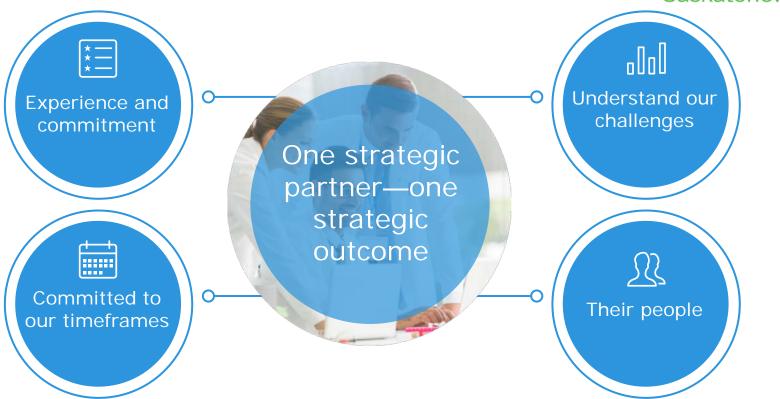






WHY EMC FOR eHEALTH VDI











RESOURCES

- Big Ideas EUC Roadblocks:
 - https://www.youtube.com/watch?v=VdbdyzVjpqc
- VCE VDI:
 - http://www.vce.com/solution/applications/vdi
- VDI Storage Navigator:
 - https://www.emc.com/en-us/storage/vdi-storage-navigator/index.htm
- Backup/Recovery for VDI:
 - http://www.emc.com/collateral/solution-overview/h14938-back-and-recovery-forvdi-environments.pdf
- Windows 10 Best Practices:
 - http://www.emc.com/collateral/white-papers/h14854-optimizing-windows-virtualdesktops-deploys.pdf



MORE RESOURCES

- VCE Vblock and VxBlock Systems 540 Architecture Overview
 - http://www.vce.com/asset/documents/vce-540-gen2-1-architecture-overview.pdf
- Vblock System 540 and VMware Horizon View 6.1 Solution Architecture
 - http://www.vce.com/asset/documents/540-view6-solution-architecture.pdf
- VCE Solution for VDI with Citrix XenDesktop 7.6 and Citrix XenApp 7.6
 - http://www.vce.com/asset/documents/vce-solution-for-vdi-with-citrix-xendesktop.pdf
- A Practical Guide for Evaluating the Value of VCE Converged Infrastructure
 - http://www.vce.com/asset/documents/forrester-guide-for-ci-evaluation.pdf
- VMware Desktop Virtualization
 - http://www.vmware.com/products/desktop-virtualization.html



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