

WINDOWS 7 MIGRATION GUIDE

A Supplement to Dell Power Solutions 2010 Issue 1
DELL.COM/Windows7Enterprise

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MAPPING OUT AN EFFICIENT **MIGRATION STRATEGY**

Before transitioning client systems to the Microsoft® Windows® 7 OS, organizations must first take diligent steps to ensure that a suitable IT infrastructure is in place. Four key phases pave the way to a smooth, cost-effective Windows 7 deployment.



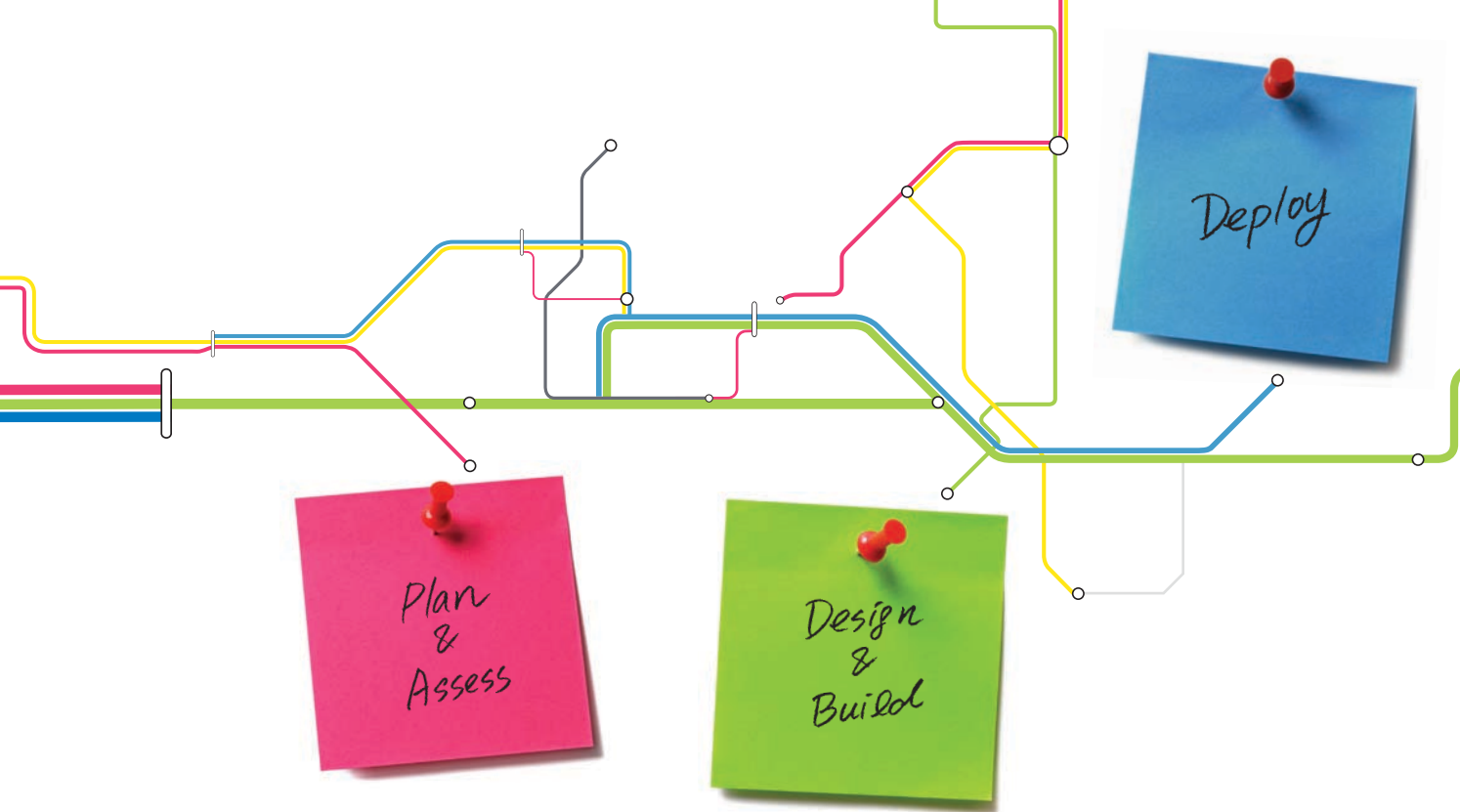
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ADVANCING BUSINESS EFFICIENCY **MICROSOFT WINDOWS 7 AND WINDOWS SERVER 2008 R2**

The Microsoft Windows Server® 2008 R2 OS offers a powerful feature set that is designed to work specifically with client computers running Windows 7 Enterprise. By running Windows 7 on clients in conjunction with Windows Server 2008 R2 in the data center, IT groups can enhance mobile and remote user productivity while tightening security and streamlining management.



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By Tom Kolnowski

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EMPOWERING THE EFFICIENT WORKFORCE WITH WINDOWS 7

11 DELL CLIENT SYSTEMS: ALL GEARED UP FOR MICROSOFT WINDOWS 7

An array of Dell™ client systems optimized for Windows 7 are ready for organizations looking to bolster their infrastructures as they carry out their migrations. Dell OptiPlex™ desktops, Dell Latitude™ laptops, and Dell Precision™ workstations provide the components and configuration options required to capitalize on the comprehensive productivity and efficiency features built into Windows 7.

16 ACCELERATING THE TRANSITION TO MICROSOFT WINDOWS 7 WITH DELL CLIENT MANAGEMENT TOOLS

By Travis Zhao

A comprehensive suite of management tools and utilities helps organizations expedite the transition to Windows 7 on Dell client systems. These exceptional resources are designed to simplify assessment, deployment, and monitoring in addition to facilitating ongoing life cycle management of Dell platforms.

20 CAPITALIZING ON MICROSOFT WINDOWS 7 MOBILITY FEATURES FOR SECURE REMOTE ACCESS

By Ed Cline, Jason Paul, and Tom Kolnowski

As legions of mobile workers connect to their organizations' internal networks, IT leaders must find ways to enhance efficiency and simplify management of remote systems. Recent innovations in Dell client solutions and Windows 7 enable faster, easier mobile access to networks than ever before—helping to reduce total cost of ownership and increase remote client stability.

24 HOW DELL SERVICES HELP SIMPLIFY THE MIGRATION PATH TO MICROSOFT WINDOWS 7

By Terry Lake and Jim Ginger

Software migrations can be daunting without an expert partner to help map out the transition strategy. Dell has worked closely with Microsoft and early adopters of Windows 7 to develop reference architectures and streamline the migration process through workshops, expert assessments, design, proof-of-concept testing, and implementation.

28 ADDRESSING MICROSOFT WINDOWS 7 APPLICATION COMPATIBILITY

Windows 7 application compatibility is often a top concern for organizations planning an upgrade. By following best practices, understanding the available application remediation options, and taking advantage of comprehensive Dell services throughout the migration process, IT groups can lay the foundation for a successful rollout.



- 31 AUTOMATING PROCESSES TO OPTIMIZE MICROSOFT WINDOWS 7 DEPLOYMENT**
 Best practices and automation are the keys to a smooth, simplified migration to Windows 7—helping to reduce the costs associated with a major deployment, accelerate project completion, and minimize risk.
- 34 7 STEPS TO A SUCCESSFUL MICROSOFT WINDOWS 7 MIGRATION**
By Christine Ewing and John Stahmann
 Developing a thorough migration strategy, following best practices, and taking advantage of Dell and Symantec™ migration and management tools can help organizations carry out a smooth and successful transition to Windows 7. The seven steps in this article provide a starting point for IT administrators planning the move in their own environments.
- 40 AUTOMATED DEPLOYMENT TOOLS FOR MICROSOFT WINDOWS 7 AND WINDOWS SERVER 2008 R2**
By Syama Poluri
 Windows 7 and Windows Server 2008 R2 introduce multiple enhancements for automated OS installations—helping administrators to ensure fast, stable, consistent deployments across the organization and accelerate return on investment for new IT resources.



Workhorse Dell OptiPlex desktops provide advanced features designed for maximum business productivity. See page 11.



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 By deploying Windows 7 on existing Dell desktops and laptops, Australian marketing communications and advertising agency Euro RSCG expects to save nearly 30 percent on total cost of ownership.
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 Lodge Park Technology College becomes one of the first UK schools to use Windows 7, and saves approximately £4,000 per year with Windows Server 2008 R2 Hyper-V™ virtualization.
- 47 IN WITH THE NEW**
 Working with Dell helps Hoover City Schools save months of testing and dramatically accelerate its migration to Windows 7 on existing Dell desktops, netbooks, and tablets.
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 Windows 7 enables Dell to reduce software imaging time by 50 percent, increase security for portable drives, and potentially reduce support costs by up to 25 percent.

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