

# Dell KACE™ Appliance-based Solution for Windows 7 Migration



## Easing Windows 7 migration with the systems management and systems deployment solution that saves time and money

Dell KACE™ Management and Deployment Appliances provide features and capabilities to help ensure a successful and streamlined Windows 7 migration process.



### The challenge

As XP reaches end of life and Vista is merely a skipped step for most, the prospect of a full scale Windows 7 migration for many organizations looms. Beyond the necessary tasks of an actual Windows 7 rollout and preservation of user data, the migration challenges include identifying which machines can be upgraded, which applications are supported on Windows 7, and assuring that license tracking is not disrupted throughout the process. There could be significant complications since Microsoft® does not support in-place upgrades from Windows XP to Windows 7 and requires a fresh installation. Many organizations will feel daunted by the fact that migrating to an entirely new operating system will bring a completely new set of compatibility challenges.

### The solution

KACE Management Appliances help optimize the migration, deployment and management of the Windows 7 operating system. KACE provides a unified, centralized solution for managing Windows and Mac laptops, desktops and servers, and represents one of the best tools available in planning for and executing a streamlined Windows 7 migration, whether the starting point be XP or Vista.

### Windows 7 Migration Capabilities

Dell KACE capabilities make it as easy as possible to migrate to Windows 7. KACE allows organizations to take advantage of the enhanced security, manageability and ease of use offered by the new operating system.

- **Inventory assessment** - Check and verify machine hardware is Windows 7 ready
- **User state migration** - Retain user-specific files and settings when migrating from Windows XP to Windows 7
- **Native Imaging Toolkit Support** - Eliminate the need to write scripts, capture and deploy Windows Imaging Format (WIM) or Apple Disk Image (DMG) files directly from the K2000
- **K-Imaging** - Eliminate redundant transfers in the capture, storage, and deployment of Windows 7 images
- **Asset management** - Track Windows 7 operating systems and software licenses

"I deployed Windows 7 on my workstation, and it took 25 minutes from start to finish – phenomenal. It just blew me away it was that simple to make that happen."

**Bryon Black**

*IT Manager,  
South Coast Water District*

KACE Appliances are available as both physical and virtual appliances, providing customers with a variety of deployment options and allowing them to leverage their investment in VMware Infrastructure.

Go to [www.dell.com/kace](http://www.dell.com/kace) for details.

## Dell KACE Appliances Assist in a Successful Windows 7 Migration

### The K1000 Management Appliance:

**Inventory assessment** helps users check machines for Windows 7 readiness.

- Discover machines on the network and collect a detailed hardware and software inventory
- Efficient client to server communication protocol allows for more frequent, up to date inventory

**Remote site management** allows you to efficiently migrate remote machines on your network to Windows 7.

- Requires no dedicated hardware
- Retain the convenience of a centralized administrative console while utilizing the remote network to serve as the deployment engine

**Asset management** tracks Windows 7 operating system and software license compliance.

- Monitor assets as they undergo hardware and software changes as a result of a Windows 7 migration
- Meter software usage and reassign unused software licenses to save on license and maintenance fees

**Patch management** allows users to deploy all relevant, available Windows 7 patches.

- Includes updates to machines on both local and remote networks
- Eliminates waiting for full Microsoft service packs

### The K2000 Deployment Appliance:

**Windows user state migration** allows for the retention of user-specific files and settings.

- Centralized user state management for easy migration
- Offline migration minimizes end-user downtime and the risk of losing critical information
- Offboard storage allows the K2000 to migrate larger datasets and grow with your organization

**Network OS install** automates the build out of Gold Master reference machines used for Windows 7 images.

- Slipstreaming drivers with a network OS install for hardware independent Windows 7 deployment
- Native Imaging Toolkit allows capture and deployment of WIM and DMG files using K2000 Boot Environment (KBE) tools

**Pre and post installation tasks** bundle relevant Windows 7 applications while utilizing thin images.

- Maintain only needed OS and application images
- More reliable deployments eliminate downtime

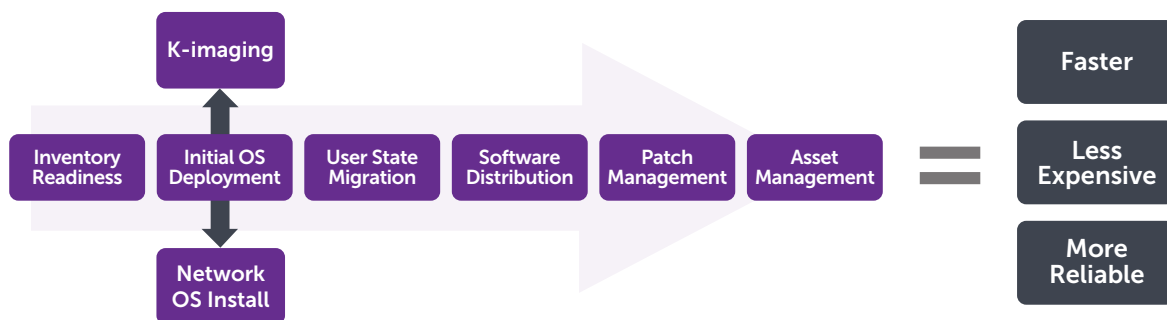
**Driver management** keeps you up to date with the latest drivers for everything from chipsets to networks.

- Automatically download the latest Windows 7 drivers
- Upload Windows 7 drivers from a machine that's been manually updated using the driver harvesting tool
- The KBE provides target computer hardware inventory and driver verification

**K-images** provide a flexible file-based imaging format.

- Easily add files and folders to a Windows 7 K-image
- Eliminate redundant transfers in the capture, storage and deployment of Windows 7 images

## 6 Step Windows 7 Migration Plan



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