

# PROWESS SmartDeploy®

Windows Deployment. Solved.

Create, deploy, and manage system images—faster, more frequently, and without specialized deployment skills.

Common deployment solutions can require considerable investment in specialized IT skills and additional infrastructure, and can tax network bandwidth and storage. Conversely, SmartDeploy Enterprise helps IT professionals of all types perform sophisticated system imaging tasks more efficiently, such as:

- Keeping deployed images up to date with less effort and faster distribution.
- Simplifying deployment of software and patches associated with system images.
- Enabling system image deployment in limited bandwidth environments, such as branch offices or classified environments.
- Reducing the total number of system images required due to varying hardware platforms and user configurations.
- Centralizing and simplifying management of drivers and other hardware-related files.
- Reducing the time and cost of training staff in specialized skill sets.

Prowess SmartDeploy® Enterprise is the only Windows® deployment solution to feature file-based differencing images and completely hardware-free images.

These patent-pending core technologies eliminate the headaches associated with deploying Windows images. This enterprise-proven technical foundation is accessible through an easy-to-use, wizard-driven interface to deploy and update workstations, servers, and virtual machines in networks of all sizes.

### Less complexity means more efficiency.

Innovative SmartDeploy Enterprise features reduce the technical complexity of deploying Windows systems and increase IT administrator productivity. With an affordable, per-technician licensing model, SmartDeploy Enterprise can help reduce direct and indirect costs associated with Windows deployment and maintenance, labor and staffing, server storage, network security administration, system procurement, and training. Specifically, SmartDeploy Enterprise can help:

- Produce a 200 percent return on investment in the first year of use.<sup>1</sup>
- Reduce image count and related storage by an average of 80 percent.<sup>2</sup>
- Extend the life of deployed images via differencing images.
- Reduce deployment time up to 50 percent.<sup>2</sup>
- Distribute images and security updates faster and more frequently using less bandwidth.
- Segregate hardware data from images—logically and physically.
- Eliminate deployment-specific infrastructure.
- Support deployment to both physical and virtual machines.
- Deploy Windows to both well-connected and disconnected environments.

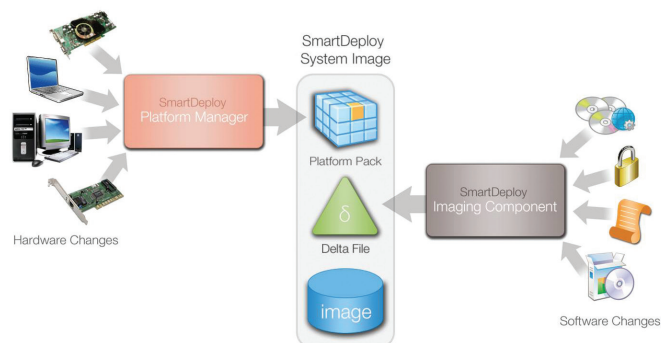


Figure 1: The SmartDeploy Approach.

# SmartDeploy<sup>®</sup> Enterprise

An enterprise-grade feature set—without an enterprise-grade price.

SmartDeploy Enterprise combines the robust features of the SmartDeploy SmartWIM imaging component, the SmartDeploy Platform Manager, and the SmartDeploy SmartVDK virtual disk component, with additional time and resource-saving features such as:



- Easy-to-use, wizard-driven graphical interface.
- Host-to-Guest™ conversion to ease operating system migration.
- Fully automated image build and deployment process.
- Deployment to target hardware in any network setting.
- The ability to create bootable deployment media.
- The ability to create optimized multi-image media sets.
- The ability to create corporate images for original equipment manufacturer pre-installation.
- Central management of device drivers, completely independent from images.

In addition, SmartDeploy Enterprise complements deployment frameworks like Windows Deployment Services and Microsoft® Deployment Toolkit. SmartDeploy Enterprise can also be used with systems management tools such as Microsoft System Center and other common solutions.

## SmartWIM



Extend the capabilities of the Windows Image File Format (WIM) with the Differencing WIM File Format (DWM) using a simple interface.

## SmartVDK



Manage virtual disks (VDKs) efficiently—online or offline—without a virtualization platform.

## Image Update Service



Add automatic image updates to your recovery or deployment solution.

Feature	SmartDeploy <b>SmartWIM</b> imaging component	SmartDeploy <b>SmartVDK</b> virtual disk component	SmartDeploy <b>Image Update Service</b>	SmartDeploy <b>Enterprise</b>
Create, manage, and deploy hardware-independent images				•
Create, mount, read, and write virtual disks		•		•
Update local recovery images automatically			•	•
Support spanned CD and DVD media	•			•
Convert between virtual hard disk formats		•		•
Pre-stage images over limited bandwidth silently			•	•
Create differencing images that contain changes only	•			•
Simplify image creation with a build wizard				•
Support self-service to zero-touch deployment with deploy wizard				•
Create CD, DVD, and USB distribution media with media wizard				•
Centralize device driver support with Platform Manager				•

For more information, please contact a Prowess product specialist at [info@smartdeploy.com](mailto:info@smartdeploy.com) or 206.443.1117.

[www.smartdeploy.com](http://www.smartdeploy.com)

<sup>1</sup>Prowess SmartDeploy Enterprise ROI Analysis available upon request.  
<sup>2</sup>Based on user reports.