PRODUCT DATASHEET

VMware ThinApp

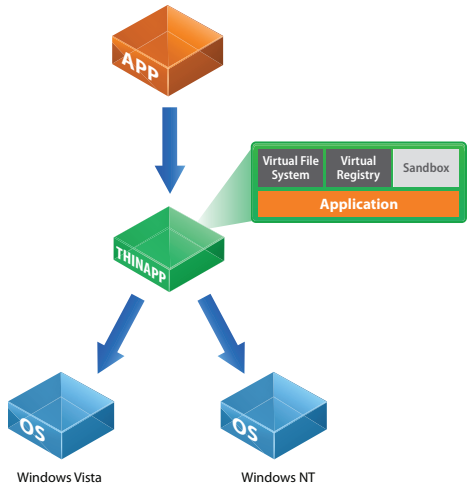
Deploy and run applications without conflict

AT A GLANCE

VMware® ThinApp™, a 100% agent-less application virtualization solution, eliminates application conflicts by packaging the entire application and its settings into an executable file that is isolated from the OS. ThinApp simplifies application deployment and updates and fits into any existing infrastructure.

BENEFITS

- Eliminate application conflicts.
- Reduce enterprise application deployment costs. Improve delivery time.
- Accelerate and simplify application deployment, updates and patches without disrupting end users.
- Leverage existing infrastructure and desktop management tools.
- Lock down endpoint PCs without restricting the use of critical applications.
- Get started quickly with 100% agent-less application virtualization in your desktop environment.



ThinApp simplifies application deployments by packaging an entire application and its settings into a single executable that is isolated from the operating system (OS).

How is VMware ThinApp Used in the Enterprise?

Easy to deploy and use, VMware ThinApp helps organizations create a virtual desktop environment that streamlines and simplifies application deployment and updates. ThinApp eliminates application conflicts by encapsulating applications and their run-time settings into encrypted executables that are isolated from the underlying operating system. ThinApp plugs into any desktop management solution and fits into an organization's existing infrastructure.

- **Streamline software and OS migrations.** Migrate to new operating systems without upgrading or replacing legacy applications. Run newer applications on legacy operating systems, and support multiple versions of the same application on the same PC.
- **Eliminate Java runtime and component conflicts:** Run different versions of Java JRE runtime needed in Web-based applications as well as different components (e.g. Java, .NET, service packs) on the same machine, without conflict.
- **Simplify application packaging and reduce testing time.** Provides application deployment flexibility by packaging applications into both standard EXE and MSI files.
- **Enhance virtual desktop deployments.** Broaden the range of applications with VMware View Composer, simplify application management and provide flexibility to end users to pick and choose the applications that reside in their virtual hosted desktop. ThinApp also reduces the storage needed for desktops because applications are hosted separately and streamed to users on demand, all with personal settings preserved.
- **Improve terminal services environments.** Consolidate servers by virtualizing applications that conflict and eliminate the need for dedicated infrastructure.
- **Augment security policies.** Lock down corporate endpoints by running applications in user mode without locking out users, and create policies that travel with the application wherever it is deployed or used.
- **Improve workforce mobility.** Run applications directly from USB smart drives without installation, host OS modifications, or the need for administrator rights.

How Does VMware ThinApp Work?

VMware ThinApp uses application virtualization to decouple applications from the underlying OS. ThinApp links the application, Virtual Operating System (VOS), and a compressed embedded file system and registry into a single EXE file, and provides process loading, DLL loading and thread and process management. ThinApp files can be copied to any hardware device or operating system, without conflict.

With ThinApp, administrators can build new applications much more quickly. ThinApp applications run on a wide variety of Windows platforms without the need for repackaging or retesting.

When used in conjunction with VMware View™ Premier, ThinApp works with VMware View Composer to reduce the management and storage burden of enterprise applications and images. ThinApp captures locally saved data and settings from legacy applications and natively redirects them to a user data disk, thus preserving user data across View Composer desktop refreshes. View Composer can restore desktop images back to their original size as they grow over time, without affecting the applications.

Key Features of VMware ThinApp

100% Agent-less Application Virtualization

- **Application isolation.** Run isolated applications in restricted user accounts without requiring any host modification. Deploy otherwise incompatible applications such as Office 97, 2003, 2007, and .NET applications on the same OS without conflict.
- **Zero-runtime execution.** Run applications directly from a compressed state for better performance and data security.
- **100% User Mode execution.** Run applications on locked-down, unmanaged "kiosk" PCs without administration rights to execute applications.
- **Block-by-block streaming.** Execute ThinApp'd applications block-by-block instantly and improve launch time over native applications.
- **Sandbox environments for terminal services.** Provide sandboxing for applications running in a terminal services environment so that multiple users can run their own sandboxed application without affecting each other.
- **64-bit operating system support.** Virtualize and run 32-bit applications on 64-bit systems.
- **Optimized storage infrastructure:** Use with VMware View Premier to reduce the management and storage burden of enterprise applications and images.

Conflict-Free Application Delivery

- **Active Directory integration.** Eliminate distribution, streaming or activation servers or agents. ThinApp works with AD, ESD enforcement tools, and open protocols, requiring no additional hardware, software licenses or ongoing maintenance for backend infrastructure.
- **Active Directory authentication:** Add and remove users from AD groups from a central location. Because packages are tied to specific AD groups, unauthorized users cannot execute packages.
- **Execution from USB key with portable profiles/user settings.** Run critical applications from a USB key while maintaining corporate security requirements.
- **Integration with third-party application management solutions.** Plug .MSI and/or .EXE file into existing electronic software delivery systems (Inventory, Configuration Management Database, Definitive Software Library, Packagers) without additional integrations.
- **Application Sync.** Update applications for mobile users as well as third parties on the corporate extranet, and update virtual applications over the LAN or WAN.

Simplified Application Packaging

- **Package once, deliver to many.** Execute a packaged application on Windows NT, Windows 2000, Windows 2003, Vista, and Windows 2008 without retesting or repackaging the application for each operating system.
- **System snapshots.** Use a rapid three-step process for pre- and post-install system states for packaging simplicity and for supporting applications that require a reboot during the installation process.
- **Application Link.** Create separate packages of interdependent components such as Java or .NET runtimes and the applications that rely on them.
- **Third-party Support.** Deliver custom applications throughout the extranet.

Find Out More

For information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427-5000), visit www.vmware.com/products, or search online for an authorized reseller. For detailed product specifications and systems requirements, please refer to the ThinApp install and configure guide.

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