Keys to a Successful Software Management Process:
Packaging and Virtualization

WISE PACKAGE STUDIO BENEFITS

- Properly configure applications and patches for deployment
- Increase application rollout success and ensure business continuity
- Standardize desktop configurations
- Reduce the time, effort, and cost associated with testing and delivering applications

SOFTWARE VIRTUALIZATION SOLUTION BENEFITS

- Eliminate application conflicts
- Instantly repair damaged applications
- Significantly reduce testing time for application rollouts
- On-demand application provisioning

Wise Package Studio® and Altiris® Software Virtualization Solution™ are two keys components of a successful software management process. Software management is the process of managing your applications throughout their lifecycle, including preparation, deployment, management and support, patching, upgrading and retiring.

Wise Package Studio prepares applications and patches for deployment by properly configuring them to the unique requirements of computers in the target population. The packages that can be created by Wise Package Studio range from a simple collection of files to intelligent installations that configure the application based on the requirements of the target computer. Wise Package Studio also provides core functionality for managing and testing packages to help ensure reliable deployments.

Software Virtualization Solution complements Wise Package Studio by running applications in a virtual environment. Software Virtualization Solution instantly activates, deactivates, or resets applications and completely avoids conflicts between applications, without altering the base Windows installation. Applications prepared with Wise Package Studio capitalize on these benefits to decrease the risk of application conflicts and provision applications on-demand.

WISE PACKAGE STUDIO

Configuring Applications for Complex Installations

Wise Package Studio creates software packages that configure systems to meet the complex requirements of an application. SetupCapture™, the industry's only complete capturing tool, creates packages that capture an installation's behavior and requirements. The Windows Installer Editor and WiseScript Editor can be used to add conditional logic to a package that will install different versions of a particular application file depending on the operating system of the target computer.

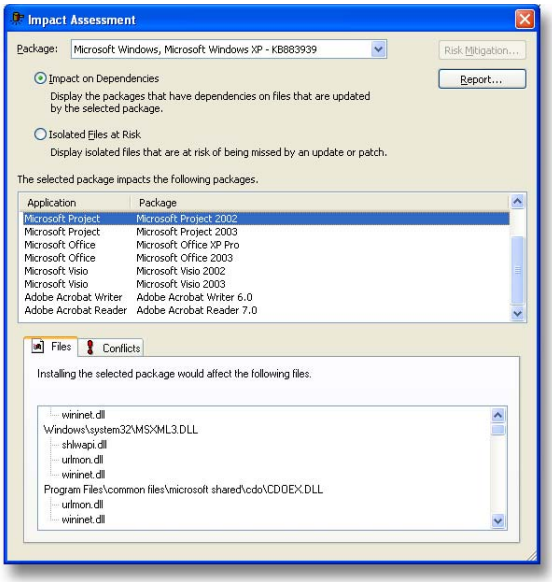
Package Testing and Management

Wise Package Studio also makes it easy to manage and test your packages, thereby helping to ensure that they deploy error-free. The Wise Software Repository™ stores and manages all application information, including application package files, your standard operating environment, patches, hotfixes, Group Policy Objects, device drivers, and much more. Preflight Deployment and Test Expert tools validate that an installation will execute correctly on each individual computer in the target population and verifies whether the installation will properly configure machines in the target population.

Software Manager assists with determining if the deployment of a patch will adversely affect other packages previously deployed to your environment. Software Manager also identifies and remediates situations where the deployment of a patch will have unintended effects because it will not make the necessary configuration changes.

Effortless Distribution

When it's time to distribute your packages, Wise Package Studio ensures efficient and seamless deployment. Professional Edition is integrated with more distribution systems than any other packaging tool, including Microsoft Systems Management Server, Active Directory, Novell ZENworks, LANDesk Management Suite, IBM Tivoli, Mobile Lifecycle Management Suite, Novadigm Radia, and ON Command CCM.



Wise Package Studio's Patch Impact Assessment helps you understand how a patch will affect your production environment.

SOFTWARE VIRTUALIZATION SOLUTION

Eliminate Software Conflicts

Software Virtualization Solution ensures applications use the correct files and registry settings without modifying the operating system and without interfering with other applications. This provides numerous benefits, including improved reliability and flexibility. For example, when installing new software or application updates, administrators might inadvertently replace newer .DLLs with older .DLLs, which can cause immediate problems between applications that share those .DLLs. The results vary from application failure to the reintroduction of security holes that previously were patched. With Software Virtualization Solution, you can stop worrying about ".DLL hell."

On-demand Application Provisioning

You can easily activate or deactivate your applications based on need with Software Virtualization Solution by sending a single command to the client system. Application availability is instantaneous. The user is not required to have system rights to run an installation, and you don't have to worry about rebooting when you activate or deactivate an application.

Supports Any Management Framework

Software Virtualization Solution is designed to work independently of the Altiris framework, if desired. API, WMI, and command-line interfaces are supported. This means Software Virtualization Solution client-side operations can be managed with any desktop management product.

Low Overhead Means High Performance

Other vendors run virtualized applications inside a proprietary isolation wrapper, which introduces more performance overhead. Software Virtualization Solution incurs negligible overhead; the core of the system is a filter driver that is less than 150 KB.

How Does Software Virtualization Solution Work?

An application is virtualized using a capture process that creates a Virtual Software Archive (VSA), which is a compressed collection of files. Once the virtual software application is activated, it becomes visible along with its files, folders, and settings.

Each virtual application is managed by Software Virtualization Solution as a distinct entity. These virtual applications are "layered" at runtime with the base Windows system so the system appears to contain the aggregate contents of the virtual software layers and the base OS. Each virtual application can be manipulated as an entity, including being instantly turned on, turned off, reset, deleted, or compressed to be moved to another computer.

HOW DOES WISE PACKAGE STUDIO SUPPORT VIRTUALIZATION?

Wise Package Studio supports creating, editing, and managing packages for virtual applications. These packages enable applications to run in a virtual environment when used with Software Virtualization Solution. And best of all, your investment in existing .MSI packages is preserved since you don't need to re-create them.

Create, Edit, and Manage Virtual Software Archive Packages

Wise Package Studio's SetupCapture supports capturing applications into virtual software archive packages. These packages can be edited using the Virtual Package Editor, which allows you to use WiseScript to add system configuration information to the package. To manage these packages, import them into the Wise Software Repository. You can then use Software Manager's Impact Assessment and Risk Assessment to determine if the package will be adversely affected by the future deployment of a patch or hot fix.

Creating a Virtual "Wrapper" for .MSIs and Setup.exes

There's no need to re-create your packages in order to take advantage of virtualization. Wise Package Studio preserves your investment in existing .MSI and setup.exe packages by embedding them in "wrappers" that will install them into a virtual layer if SVS is on the target machine. This offers a best-of-both-worlds approach, because the target system is properly configured by the installation logic of the .MSI and the application will run virtually.

Impact Assessment for OS Dependencies

Many applications are dependent on files in the operating system to function properly. If these dependencies are overwritten by a patch, applications may be negatively affected. Neither conventionally installed packages nor virtualized packages are insulated from issues arising from OS dependencies that are overwritten. To solve these issues, you can use Wise Package Studio's Impact Assessment tool to determine if an application will be affected by a patch that overwrites OS dependencies. You can then take the necessary steps to protect the conventionally installed or virtualized application from negative repercussions.

TO LEARN MORE

To learn more about Wise Package Studio and Software Virtualization Solution, call 734-456-2100, visit www.wise.com, or contact your local reseller.