



Wise Package Studio

PATCH MANAGEMENT

BENEFITS

- > Reduce downtime
- > Adhere to quality assurance processes
- > Deploy patches faster
- > Minimize impact on production environment

The increasing number of IT security threats puts constant pressure on system administrators to quickly deploy patches. As new vulnerabilities are discovered, hackers are quickly creating viruses to exploit these vulnerabilities. The time between vulnerability discovery and exploit is shrinking, causing organizations to forego change management procedures in favor of fast deployment. But deploying patches without testing can have unintended consequences. Critical applications, even operating systems, can be disrupted. The increasing complexity and interdependency of applications makes it difficult to predict what a patch will do to your organization.

TAKE THE SUSPENSE OUT OF PATCH MANAGEMENT

Wise Package Studio takes the suspense out of patch management. Even “good,” tested patches can have serious hidden risks. Our enhanced patch management technology helps ensure patches roll-out error free.

The key is automated and efficient processes, which allow you to quickly analyze and test patches before deployment. Wise Package Studio offers everything you need to quickly test and prepare patches. With Wise Package Studio you can:

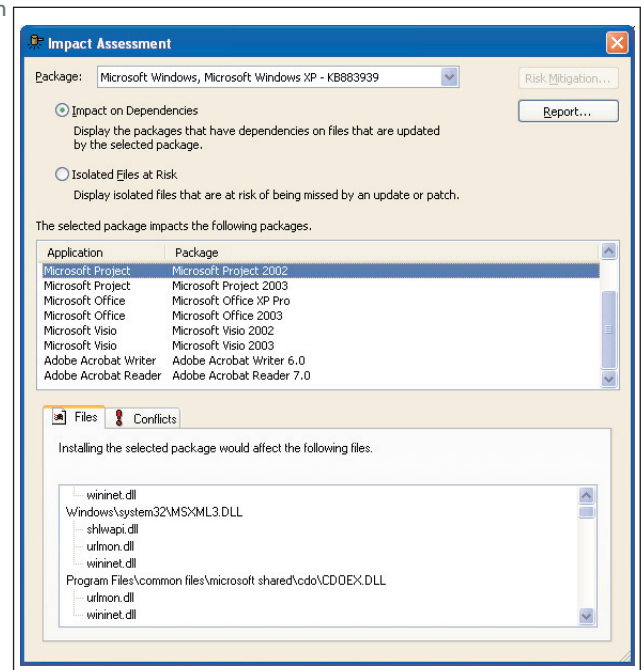
- > Quickly assess the impact the patch will have on your production environment
- > Create a focused, efficient test plan based on patch impact assessment
- > Perform lab-based functional testing on the patch and those applications that may be affected
- > “Test fly” the patch in production without risk
- > Determine the risk installed patches present to your production environment

With proper patch management processes and tools, you reduce downtime, adhere to quality assurance processes, speed deployment and minimize impact on end users.

HOW DOES WISE PACKAGE STUDIO HELP?

All of the industry-leading processes and tools Wise Package Studio provides for packaging, customizing and testing applications can also be used to quickly and efficiently assess, test and prepare patches for deployment.

- > **Conflict Management and Patch Impact Analysis** help you understand a patch’s impact on your environment before deployment.
- > **Conflict Management** helps identify and remediate instances when a patch overwrites resources previously installed by another package.
- > **Patch impact assessment**, part of Software Manager, identifies situations when a patch overwrites dependent system files used by another package. This can help you focus testing on applications and resources likely to be affected by the patch.



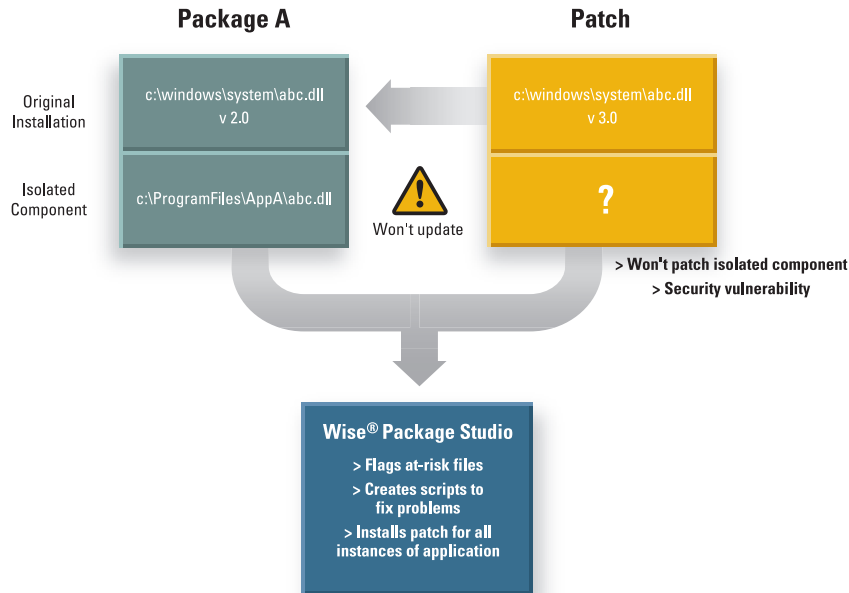
Patch Impact Assessment shows you when patches overwrite dependent files.

- > **Patch testing** provides an automatically-generated test plan using Test Expert to guide you through multiple test cases.
- > **Preflight Deployment™** testing allows you to test the patch installation in the production environment without disrupting end-user machines. Preflight Deployment creates a “zero touch” package that simulates installation and generates reports identifying potential problems.
- > **Deployment grouping** allows you to group multiple patches into a single self-installing package for easier deployment.
- > **Patch risk assessment.** Even tested patches pose a risk. Patches are designed to upgrade and fix files installed in the original location. But many applications install instances of a file, such as an isolated .DLL, in multiple locations. Patch risk assessment identifies and remediates situations where patch installation does not fully eliminate a known vulnerability because the patch doesn't update all instances of a file.

Patch impact assessment and patch risk assessment are part of an overall patch management solution.

Wise Package Studio offers advanced integration with Altiris® IT lifecycle management products, including Altiris Patch Management Solution™. For additional patch management functionality, such as automated patch discovery and distribution, visit www.altiris.com/patch.

Patch Risk Assessment



Start preparing your patches for deployment with Wise Package Studio. Learn more at www.wise.com, call 734 456 2100, or contact your local reseller.