

CapaInstaller®

Virtual Solution



Next Generation Packaging & Deployment

CapaInstaller Virtual Solution 2.1 (CVS) brings a new perspective into change management and makes it possible to optimize your change processes.

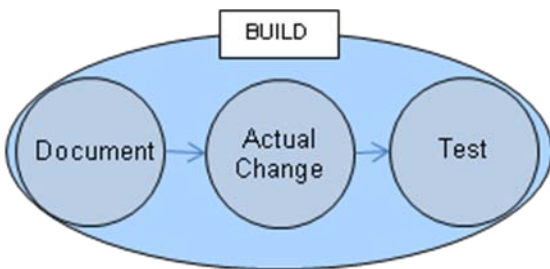
Optimize the change process

CVS is developed in corporation with ITIL compliant customers making it simple to adopt for organizations that are process driven.

Here, change management is focused on the installation of applications on Windows platforms.

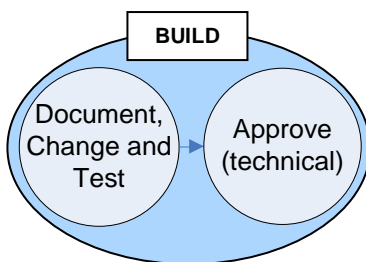
A default packaging process could look like the following:

Default change process:



This process may take up to an average of **10 hours** or more when considering the aspects of documentation, build and test – and very often an iterative process will take place in-between these steps.

The optimized change process:



CVS optimizes the build phase. This process optimization makes it possible to speed up the current process time with a factor 2. By using CVS the change process can be completed in approximately half the time or less.

What CVS does

CVS optimizes the building, testing and implementation phase. While creating the actual change, CVS can make screen captures and store them directly in a Microsoft Word document. When the change has been created it can - because of the technology - immediately be tested on the same work station it is installed on. If the test is successful the package is ready for production.

CapaInstaller Package Creator can be used to create a package in various corporate deployment solutions. Creating the package using the Package Creator also automatically creates a back-out procedure.



The easy to use Package Virtualization Wizard (above) builds the actual change. The wizard has been designed to radically simplify the build phase.

Used in companion with the screen capture, packaging can literally be outsourced to the organization unit requesting the change.

Reduce the installation time

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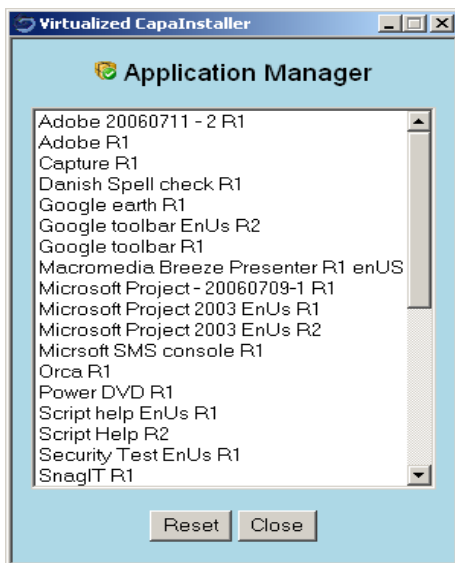
By using CVS it is possible to reduce the size of download and the installation time. The following example uses Microsoft Project 2003 as case:

Current solution (with SMS deployment):
Download: 246 MB. Installation time: 5-10 min

CVS Optimized solution (with SMS deployment):
Download: 35 MB. Installation time: 2-4 min.

When virtualizing with CVS, the download size of the applications are dramatically reduced, especially on remote locations. Approximately 90-95% of all applications are “packable” as in the above mentioned case.

With the Application Manager (below), it is easy to change between various programs. This makes it possible to have both the newest and the previous version of an application ready to use within seconds.



If the newly installed application should fail to work, the previous and tested version is just a click away.

This ensures that a user can upgrade his software applications in seconds and just as easily roll-back if needed - without compromising security standards.

Minimizing impact on business

Besides from executing the change process at twice the speed of a “normal” process, using CVS offers a number of other benefits.

A whole range of processes can be simplified when using CVS and hereby possible to delegate within the organization.

Super users and slightly trained IT personnel can make packages ready for deployment without compromising the change procedure, standards and the documentation phase.

The deployment risk is minimized with CVS and the actual deployment can be simplified into “import and activate”. The activation of an application is done in 3 seconds or less.

Key benefits

- Package development process is optimized and less time consuming.
- Documentation is automated.
- Patch process is simplified. Just open existing package, make update and test. A new release is automatically generated and is ready for verification.
- Deployment is flexible and can be divided into import and activate.
- With a predefined roll back procedure, it is easy to roll back.
- Simplified Uninstall procedure. Uninstall can be divided into: deactivate or remove package.
- Improved Branch Office solution. Compressed application image is deployed.

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- End user installation is optimized while at the same time reducing the installation time.
- Optimized installation. No reboot needed.
- End User can activate, deactivate and re-set.

Highlighted features:

Change Management Toolbox

Best practise guidelines on how to handle changes regarding packaging in a company. The Toolbox is a part of the help file and includes process descriptions and guides on how to align change requests, release plans, beta tests, etc.

Improved Installation and setting up of CVS

Installation is now done from a setup.exe file, this will improve the setup and makes it possible to load some default setting like language settings.

Scan Tool

Makes it possible to filter the package and remove "not allowed" information. By using the Scan Tool it is possible to ensure high quality packages by excluding files and folders from package.

Upgrade and customization

This feature is divided in two parts. An upgrade feature to use when existing packages needs to be upgraded. The packages will be based on the earlier version. Customize packages that need to be changed before going into packaging status.

Life Cycle Management

Add "retired" as status on a package to support life cycle management on packages. This facilitates clean up processes by effectively deactivating any package labelled "retired".

New features added in CVS 2.1 upgrade include:

Thinstall integration: Thinstall can now be used as the Virtualization engine in CVS. The integration has been made with respect to best practices. Combined with the CVS methodology it brings Thinstall in to the enterprise making virtualization available for super users. Features like build, configure and test the package created are easy to use and fully integrate able with the existing change process. The application supports both Altiris and Thinstall.

Archive Template: When a super user launched the Virtualization wizard it is possible to launch in build mode with package properties predefined.

Filtering: When using Customize, Upgrade, Test and renaming it is possible to apply a filter so that only packages created by the current user are displayed.

Windows Vista is now supported when using CVS 2.1.

Altiris SVS has been released in version 2.1. We now support both v2.0 and v2.1

For detailed information about CVS 2.1 and new features included in the upgrade, please go to www.capainstaller.com. Here, you can download the CVS 2.1 help file.

Supported platforms

Windows 2000 SP4 or higher, Windows XP SP1 or higher, Windows 2003 server or higher. CVS is applicable to both CapaInstaller Management Solution and SMS 2003 environment. In order to use CVS as an SMS 2003 user, CapaInstaller Package Creator is required.

Client Requirements

The CapaInstaller Client must be installed on each machine where the generated packages will

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run. Work stations running Windows Vista, XP and 2000 and servers running Windows 2003 Server and 2000 Server.

The client hardware must have at least 316 MB memory available, not including shared memory, BIOS support for PXE 2.1 is required to utilize PXE boot. When using USB devices to boot OSD, make sure the machine BIOS and the USB device are compatible.

Server Requirements

The CapaInstaller System runs on Windows Server 2003 (Including x64 and R2) or newer, DHCP and TFTP Server are required to support PXE boot. Microsoft SQL Server 2005 is required for the OS Deployment module.

About CapaSystems A/S

CapaSystems develops and delivers innovative system management and deployment solutions. We also offer unique consultancy services.



Information Worker Solutions
ISV/Software Solutions