



FLEXERA SOFTWARE™

AdminStudio®

AdminStudio 10.0

Release Notes

22 February 2011

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Introduction

AdminStudio 10 is the industry's first comprehensive Application Readiness solution enabling organizations to strategically manage application packaging and remediation across their entire software estate, mitigating Windows 7 and application virtualization migration risks.

With as many as 35% of an enterprise's applications requiring updates in any given year, coupled with the explosive growth in Windows 7 migrations and virtualization initiatives, compatibility assessment, remediation and packaging processes are now of strategic importance to IT organizations. AdminStudio delivers application packaging efficiencies as much as nine times greater compared to manual efforts.

- AdminStudio 10 now lets users centrally manage and report on the virtual and traditional application portfolio for an overall view of the application estate's readiness for each format.
- A new, unified "application-centric" Application Catalog manages all deployment types for an application, enabling all packages—including virtual packages—to be handled with the same process and tools as those used for MSIs, eliminating the cost and complexity of having multiple solutions and repositories.
- Moreover, AdminStudio 10 is now powered by the latest version of the world's leading MSI authoring and editing tool, InstallShield® 2011, giving users complete flexibility in editing packages using the same installation preparation tool relied on by over 71,000 ISVs worldwide.

AdminStudio Application Compatibility Pack

Available as part of AdminStudio Suite is the new AdminStudio Application Compatibility Pack.

- It automatically assesses all applications to accurately calculate the effort and cost of the migration project.
- It also pinpoints and fixes application compatibility issues for desktop, server and web-based applications. As a result, packagers can test applications in minutes instead of weeks and obtain an overall view of the compatibility of all applications, including which ones require fixing for deployment on Windows 7 or Internet Explorer 8.
- Moreover, for applications that do require remediation, AdminStudio Application Compatibility Pack generates a standard MSI transform, automatically fixing in a matter of minutes 98% of installation package-related Windows 7 compatibility issues. This drastically reduces overall costs by removing the need for skilled packaging and support resources and manual efforts.

AdminStudio Virtualization Pack





AdminStudio 10.0 also includes enhancements to AdminStudio Virtualization Pack, which prepares reliable virtual applications for deployment with a complete set of suitability testing, automated conversion, validation, editing and management reporting capabilities.

- Enhanced validation and conflict testing of Microsoft® App-V packages supports packagers in managing both MSI and App-V with the same tool and processes to ensure a consistent, unified approach.
- Packagers can also directly edit App-V packages, saving significant time and effort by eliminating the need to re-convert from an MSI when a change to an App-V package is required.

- AdminStudio Virtualization Pack's enhancements also include robust suitability testing—removing the trial and error approach to determining if applications can be virtualized. This, along with customizable reports and dashboard, provides essential decision support for choosing the appropriate delivery/deployment technology via continuous reporting on the application estate's readiness for each format.

Getting Started

AdminStudio 10.0 has a redesigned Start Page which makes it easy for you to quickly get started evaluating and using AdminStudio. The new Start Page's tabbed interface provides process information on how to perform the following key procedures using AdminStudio:

Procedure	Procedure
 <p>Test for Application Compatibility</p>	<p>Use Compatibility Solver to test for application readiness on Microsoft Windows 7 (32-bit and 64-bit) and Windows Server 2008 R2 platforms, as well as compatibility with Internet Explorer 8.0.</p>
 <p>Migrate to Application Virtualization</p>	<p>Migrate your application portfolio into virtual applications that are ready for deployment within the enterprise.</p>
 <p>Migrate to Windows Installer</p>	<p>Migrate legacy setups to deployable Windows Installer packages.</p>
 <p>Set Up Infrastructure</p>	<p>Perform one-time setup tasks: connect to an Application Catalog, prepare virtual machines for use in automated repackaging and testing, configure e-mail, create a Compatibility Solver database, and download Compatibility Solver reports.</p>



Important • It is highly recommended that you spend some time reviewing the flowcharts on the AdminStudio Start Pages to become familiar with AdminStudio's new and existing capabilities.

As an example, the **Migrate to Application Virtualization** tab is shown below. ,



Figure 1: Migrate to Application Virtualization Tab of AdminStudio Start Page

Each tab explains how to perform a key AdminStudio procedure. Each procedure is broken down into several tasks, which are identified at the top of each column.

As you review these flowcharts, note the following:

- **Steps**—Review the numbered steps in each task.
- **Learn more**—Click on **Learn More...** to launch detailed help topics on how to perform each step.
- **Tool launch buttons**—To get started performing a task, click the button at the bottom of the column to launch the appropriate AdminStudio tool.
- **Create New Project**—Click this button to create a new Project, which you can use to guide you through the steps in a procedure.

New Features

AdminStudio 10.0 provides a single solution to convert and manage both traditional and virtual application packages, giving application readiness teams a centralized repository and consistent management processes for all deployment types.

AdminStudio 10.0 includes the following new features:

- [New “Application-Centric” Organization Model in Application Manager](#)
- [Import Microsoft App-V Packages Into Your Application Catalog and Manage All Data](#)
- [Advanced Reports and Dashboards](#)
- [Application Compatibility Testing with Compatibility Solver](#)
- [Distributing Packages to Microsoft System Center Configuration Manager](#)
- [Citrix XenApp 6 Support](#)
- [InstallShield 2011](#)

New “Application-Centric” Organization Model in Application Manager

In previous releases of Application Manager, you could import multiple package deployment types into the Application Catalog (such as Windows Installer files, App-V packages, ThinApp packages, Citrix profiles). However, each of these deployment types—even those from the same parent application—were listed separately in the Application Manager tree structure. The only way to group an application’s various deployment types together was to create a group and manually organize them.

In AdminStudio 10.0, Application Manager now uses an “application-centric” model, with the Application Manager tree restructured to display multiple deployment formats under a parent Application node.

Application Manager

Moving From a “Package-Centric” to an “Application-Centric” Model

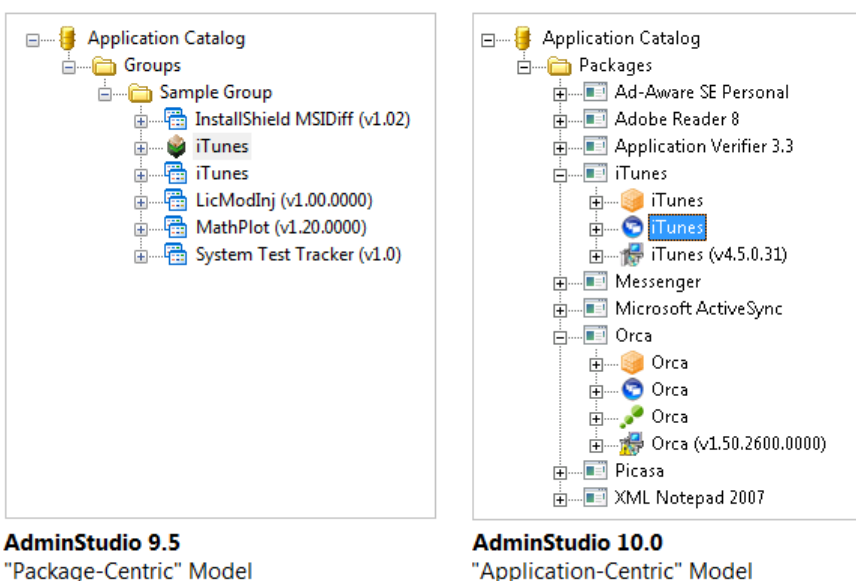


Figure 2: AdminStudio 10.0’s Application-Centric Model

The restructured Application Manager provides the same full functionality as previous versions:

- **Automatic Application node creation**—An Application node will be created automatically each time a package is imported into the Application Catalog, or the user can manually create one in any Application Manager group.
- **Unique subnodes and context menus**—The Application node, as well as the various Deployment Type nodes, have unique subnodes and context menus appropriate for that type.
- **Software repository functionality**—All software repository functionality (such as check-in, check-out) is available for each of the deployment types.

Import Microsoft App-V Packages Into Your Application Catalog and Manage All Data

AdminStudio 10.0 provides even more support for the creation and management of Microsoft App-V packages:

- [Enhanced App-V Data Visibility in Application Manager](#)
- [Virtual Package Validation and Conflict Analysis](#)
- [Virtual Package Editor](#)

Enhanced App-V Data Visibility in Application Manager

In AdminStudio 9.5, you could import App-V packages into the Application Catalog, but the amount of information that you could view in Application Manager for that package was very limited.

In AdminStudio 10, AdminStudio now uses Microsoft SQL Reporting Services to provide comprehensive application data reports for App-V packages, including the following information:

- Files/Directories
- Registry
- Shortcuts
- File Type Associations
- Environment Variables
- App-V History

Many of these reports offer drill-down functionality, enabling you to view even more detailed information, and can be printed separately, or saved in PDF, Microsoft Excel, or Microsoft Word format.

Virtual Package Validation and Conflict Analysis

In AdminStudio 10.0, you can validate App-V packages by performing static tests and conflict analysis.

- **Validation**—You can run static tests to ensure that Microsoft App-V best practices have been followed and to detect missing components.
- **Conflict analysis and resolution**—You can also perform conflict analysis to identify the following possible points of conflicts between App-V packages and between App-V and Windows Installer packages:
 - Shortcut location conflicts
 - App-V package GUID conflicts
 - Package name conflicts
 - File extension and PROGID conflicts
 - App-V conflicts in root folder paths
 - App-V shortcut name and version conflicts

You can then use the Virtual Package Editor to edit App-V packages to resolve any issues or conflicts that were identified.

Virtual Package Editor

AdminStudio 10.0 provides a Virtual Package Editor which you can use to view and edit Microsoft App-V packages.

You can use the Virtual Package Editor to fix any conflict or validation error that you discover when performing validation and conflict analysis. It provides the following benefits:

- **Familiar, user-friendly interface**—The Virtual Package Editor incorporates the best-of-class user interface elements from both Microsoft Sequencer and InstallShield, using the familiar InstallShield tree structure—meaning that the learning curve for new users will be minimal.
- **View and edit package data**—Using the Virtual Package Editor, you can view and edit the files, folders, registry keys, environment variables, shortcuts, file associations, global properties, and build settings of App-V packages.
- **Edit scripts**—The Virtual Package Editor provides script-editing capability in a dockable pane.

The Virtual Package Editor includes the following views:

View	Description
General Information	Use to view and change settings that are global across the virtual package, and to view the package's revision history.
Dependencies	Use to specify dependency packages currently used for App-V's Dynamic Suiting.
Files and Folders	Use to view, change, or extract the files, folders, and VFS paths of the items in the virtual file system.

View	Description
Registry	Use to view or change the information in your virtual registry.
Shortcuts	Use to view and change the entry points to your virtual package (shortcuts, file extensions, and verbs) as well as the behavior of your package when launched through a shortcut (using environment variables and scripts).
Virtual Services	Use to view and change the virtualized Windows Services available within your virtual package.

Advanced Reports and Dashboards

AdminStudio 10.0 provides an enhanced reporting infrastructure. AdminStudio has incorporated Microsoft SQL Reporting Services to provide a summary dashboard of Application Catalog readiness data and to enable you to create customizable reports.

- [Application Readiness Dashboard](#)
- [Customizable Reports](#)

Application Readiness Dashboard

AdminStudio now uses Microsoft SQL Reporting Services to generate an Application Readiness Dashboard. This dashboard report provides a snapshot of the current status of packages in your Application Catalog including deployment type breakdown, virtualization readiness, and package quality and conflict testing summary information. You can click on any chart to open more detailed reports.

The Application Readiness Dashboard includes the following information:

- **Deployment Type Breakdown**—Provides a graph listing the percentage of packages in the Application Catalog by deployment type (Windows Installer, App-V, XenApp, ThinApp, or Legacy).
- **Error Category Breakdown**—Shows the number of AdminStudio Best Practices and Conflict errors that have been identified in Windows Installer and App-V packages, by category.
- **Virtualization Readiness**—Shows a summary of the virtualization status of packages in the Application Catalog, identifying packages as being Ready for Virtualization, Not Suitable for Virtualization, Already Virtualized, or Not Tested.
- **Windows Installer/App-V Package Quality**—Shows the Microsoft Validation status of Windows Installer packages, and the AdminStudio Best Practices test status of Windows Installer and App-V packages.
- **Windows Installer/App-V Package Conflicts**—Shows the AdminStudio Conflict test status of Windows Installer and App-V packages.

Customizable Reports

In AdminStudio 10.0, you can create your own XML-driven custom reports that are generated using Microsoft SQL Reporting Services. To create a custom report, you just need to create an XML file in which you specify the RDLC file, the data source, and the parameters that are required for the drill through reports.

Application Compatibility Testing with Compatibility Solver

In AdminStudio 10.0, a new tool named Compatibility Solver is provided to test for application readiness on Microsoft Windows 7 (32-bit and 64-bit) and Windows Server 2008 R2 platforms, as well as compatibility with Internet Explorer 8.0. You can use Compatibility Solver's automated reporting and fixing infrastructure to prepare packages for platform migrations, ensuring application compatibility and reducing installation issues.

Compatibility Solver's Web application compatibility testing is designed to deliver fast, accurate web application compatibility information to assist decision making when considering browser and/or OS migrations. It automates the assessment of migration tasks when changing between different versions of an Internet browser, such as those encountered when upgrading from Internet Explorer version 6 to version 8.

Distributing Packages to Microsoft System Center Configuration Manager

In previous releases of AdminStudio, you could use the Microsoft System Center Configuration Manager Web Console, a Web-based application, to configure package distribution options and distribute setup packages without going to Configuration Manager Server.

In AdminStudio 10.0, you can publish Windows Installer and App-V packages to Configuration Manager Server directly from the Distribution Wizard client tool.

Citrix XenApp 6 Support

You can use AdminStudio to create Citrix profiles for deployment on Citrix XenApp. AdminStudio 10.0 now supports Citrix XenApp 6.

InstallShield 2011

AdminStudio 10.0 includes InstallShield 2011, which offers many new features and enhancements that will help you use the latest technologies and save time on everyday tasks. New features include:

- **Integration with Team Foundation Server**—If you use Team Foundation Server, you can now take advantage of the new tight integration with InstallShield as you develop, maintain, build, test, and deploy your products and their installations.
- **Custom source locations for prerequisites**—You can now specify custom source locations for InstallShield prerequisites. This flexibility enables you to easily add to your projects InstallShield prerequisites that are stored in source code control and to share a common set of prerequisites across multiple machines.
- **Emphasize your brand**—You can now specify a custom icon and custom version resource properties for setup.exe and update.exe.
- **Streamline build process**—You can now streamline your build process by specifying commands that run before, during, and after builds.
- **64-bit support**—Several new advancements in InstallShield 2011 make it easier for you to create 64-bit installations or 64-bit App-V packages.
- **Standalone Build tool**—InstallShield 2011 includes a command-line Standalone Build tool that enables you to install on build machines only the part of InstallShield that builds the installations, plus any redistributables that you want to include. The Standalone Build is now included with the Professional and Premier editions of InstallShield. If you need extra licenses of the Standalone Build, you can also now purchase them separately.

Detailed List of New Features

The following table provides a more detailed list of the new features included in InstallShield 2011:

Category	Feature
Enhanced Prerequisites Support	<ul style="list-style-type: none"> ● New InstallShield prerequisites for SQL Server 2008 R2 Express, SQL Server Native Client, Visual C++ 2010, and other redistributables ● Ability to specify a search path for InstallShield prerequisites; path variable and relative path support for source locations of prerequisite files
Enhanced Microsoft Integration/Support	<ul style="list-style-type: none"> ● Integration with Team Foundation Server (TFS) ● Microsoft SQL Server 2008 R2 Support ● Ability to import Visual Studio setup and merge module projects into existing InstallShield projects; improvements for the project converter ● Windows Installer 5 support for configuring Windows Service permissions

Category	Feature
Installer Design Enhancements	<ul style="list-style-type: none"> ● New hyperlink control for Windows Installer-based dialogs ● Ability to specify a custom icon and custom version resource properties for setup.exe and update.exe ● Ability to specify commands that run before, during, and after builds ● Ability to set an expiration date for setup.exe ● Support for looping through image billboards in Basic MSI projects
64-Bit OS Support	<ul style="list-style-type: none"> ● Ability to create 64-bit Microsoft App-V packages ● 64-bit support for Repackager ● Support for 64-bit managed-code custom actions ● Support for 64-bit .NET installer classes and COM interop
FlexNet Connect	<ul style="list-style-type: none"> ● New FlexNet Connect 12.01 redistributables available
Other	<ul style="list-style-type: none"> ● Predefined system searches for SQL Server 2008 Express SP1 and Adobe Reader 9 ● Ability to override path variables for a release ● Ability to configure MIME types for IIS web sites, applications, and virtual directories ● Ability to overwrite existing IIS application pool or only create it if it does not exist

For more information on the new features and enhancements in InstallShield 2011, see the [InstallShield 2011 Release Notes](#).

Components/Editions

AdminStudio 10.0 is available in Standard, Professional, and Enterprise Editions. You have the option of purchasing an additional Virtualization Pack and Application Compatibility Pack. Also, functionality varies depending upon whether you have purchased the Per Admin pricing model or the Per Desktop pricing model.

Edition	AdminStudio	Virtualization Pack	Application Compatibility Pack
Standard	<p>Tools</p> <ul style="list-style-type: none"> ● Repackager ● Distribution Wizard ● FlexWrap ● InstallShield 2011 ● Tuner ● Application Isolation Wizard <p>Functionality</p> <ul style="list-style-type: none"> ● Windows Installer repackaging ● Windows Installer customization ● Preparation for distribution 	<p>Tools</p> <ul style="list-style-type: none"> ● Automated Application Converter (Single Application Version) ● Virtual Package Editor ● Microsoft App-V Assistant ● ThinApp Assistant ● Citrix Assistant <p>Functionality</p> <ul style="list-style-type: none"> ● Convert to virtual applications ● App-V package editing 	N/A

Edition	AdminStudio	Virtualization Pack	Application Compatibility Pack
Professional	<p>Tools</p> <p>Same as Standard, plus:</p> <ul style="list-style-type: none"> ● ConflictSolver ● Application Manager ● OS Snapshot Wizard ● QualityMonitor ● Predeployment Test <p>Functionality</p> <p>Same as Standard, plus:</p> <ul style="list-style-type: none"> ● Application management ● Testing, validation, and conflict testing ● Standard reporting 	<p>Tools</p> <p>Same as Standard, plus:</p> <ul style="list-style-type: none"> ● Automated Application Converter (Single Application Version) with Virtualization Suitability Testing <p>Functionality</p> <p>Same as Standard, plus:</p> <ul style="list-style-type: none"> ● Test for virtualization suitability ● Store App-V data in Application Manager ● App-V package testing, validation, and conflict testing ● Automated conversion of legacy packages to Windows Installer 	<p>Tools & Functionality</p> <p>Compatibility Solver with the following functionality:</p> <ul style="list-style-type: none"> ● Project-level compatibility assessment and cost/effort reporting for all applications ● Application testing and reporting for Windows 7 (32- and 64-bit versions) ● Auto-fixing for Windows 7
Enterprise (Per Admin)	<p>Tools</p> <p>Same as Professional, plus:</p> <ul style="list-style-type: none"> ● PackageExpert ● OS Security Patch Wizard ● Job Manager ● Report Center ● Software Repository ● Security Console <p>Functionality</p> <p>Same as Professional, plus:</p> <ul style="list-style-type: none"> ● Application Readiness Dashboard ● Process and workgroup management features 	<p>Tools</p> <p>Same as Professional, plus:</p> <ul style="list-style-type: none"> ● Automated Application Converter (Multiple Application Version) with Suitability Testing <p>Functionality</p> <p>Same as Professional, plus:</p> <ul style="list-style-type: none"> ● Automated conversion of multiple packages to virtual applications ● Automated conversion of multiple legacy packages to Windows Installer ● Application Readiness Dashboard (Including Virtualization Reports) 	<p>Tools & Functionality</p> <p>All of the Compatibility Solver functionality available in Professional, plus:</p> <ul style="list-style-type: none"> ● Detailed compatibility assessment reports ● Application testing and reporting for Windows 7 (32- and 64-bit versions), and Windows Server 2008 R2 ● Merge multiple databases for centralized reporting

Edition	AdminStudio	Virtualization Pack	Application Compatibility Pack
Enterprise (Per Desktop)	Tools & Functionality Same as Enterprise (Per Admin)	Tools & Functionality Same as Enterprise (Per Admin)	Tools & Functionality All of the Compatibility Solver functionality available in Enterprise (Per Admin) , plus: <ul style="list-style-type: none"> ● Testing can be done on groups of applications at a time Web Application Compatibility (Optional) <ul style="list-style-type: none"> ● Test compatibility of web applications with IIS web server ● Test compatibility of web applications with Internet Explorer 8 browser ● Test integration of desktop application with Internet Explorer 8 browser

System Requirements

This section lists the requirements for AdminStudio client tool machines, enterprise tool machines, and database servers.

AdminStudio Client Tool Machine

The recommended system configuration for a machine running the AdminStudio client tools is:

Item	Description
Processor	32-bit (x86) or 64-bit (x64) processor at 1 GHz or greater
RAM	1 GB
Hard Disk	1.1 GB
Display	Designed for XGA at 1024 x 768 resolution or higher
Operating System	Windows 7, Windows Vista, Windows XP (SP1 or later is recommended), or Windows Server 2003 or later. Predeployment Test and Configuration Manager Web Console require Microsoft IIS 5 or later.
Browser	Microsoft Internet Explorer 5.5 or later
Privileges	Administrative privileges on the system

Application Catalog Database Server

The recommended system configuration for a database server to store AdminStudio application catalog databases is:

Item	Description
Processor	32-bit (x86) or 64-bit (x64) processor at 1 GHz or greater
RAM	512 MB or greater (1 GB preferred)
Hard Disk Space	80 GB or greater
Operating System	Windows Server 2003 or later
Database Software	AdminStudio supports SQL Server databases. SQL Server 2000 (with the latest Service Pack) is the minimum requirement, but SQL Server 2005 or later is highly recommended. SQL Server must be installed with case-insensitive dictionary sort order and ISO-8859-1 character set. (Use <code>sp_helpsort</code> T-SQL command for more information.)

AdminStudio Web Server

The recommended system configuration for a machine running the AdminStudio Enterprise Server tools (Security Console, Report Center, Job Manager) is:

Item	Description
Processor	32-bit (x86) or 64-bit (x64) processor at 1 GHz or greater
RAM	512 MB or greater (1 GB preferred)
Hard Disk Space	30 GB or greater
Operating System	Windows Server 2003 or later
IIS	IIS 5.0 or IIS 6.0
	<i>Note • AdminStudio Web Server also supports IIS 7.0 if IIS 6.0 compatibility mode is turned on.</i>
.NET	.NET Framework 3.5 SP1 (including ASP.NET 3.5 SP1 registered with IIS)
MSXML	MSXML 4.0
Running on a Domain Controller	If running on a domain controller, you will have to implement one of the procedures described in the Microsoft Developer Network topic Running ASP.NET on a Domain Controller , available at: http://msdn2.microsoft.com/en-us/library/aa579070.aspx

Software Repository Server

The recommended system configuration for the machine that stores the Software Repository files is:

Item	Description
Processor	512 MHz or greater
RAM	512 MB or greater
Hard Disk Space	60 GB or greater
Operating System	Windows Server 2003 or later

Resolved Issues

This section describes the customer issues that were resolved in AdminStudio 10.0:

Issue Number	Issue Summary
IOA-000060712	Allow to configure the VFS path for the App-V package.
IOA-000060374	Automated Application Converter crashes soon after launching on a Customer's Windows 7 64-bit VM image.
IOA-000060060	Windows Installer Converter is acting case-sensitive when creating App-V package while dealing with the Path Env variable.
IOA-000059813	The Standalone Repackager Start page includes links to help topics on application virtualization, which is not supported.
IOA-000059707	Unable to enter a hyphen "-" character in user name or email fields.
IOA-000059207	Repackager fails to separate the shortcut target from its parameters when the target points to a non-executable.
IOA-000059079	Automated Application Converter crashes when publishing to Microsoft System Center Configuration Manager.
IOA-000058955	File extension parameters are not captured correctly for dynamic data exchange (DDE) shortcut created by Microsoft Snapshot Viewer 10.0 (Access exported SNP report file viewer).
IOA-000058951	Customer installs and activates AS 9.5 Professional, but the Help About view displays incorrect product name, but correct version; company and contact information, but no product serial number.
IOC-000085871	The SQL Script AS_System_schema.sql results in syntax error on SQL Server 2008, when run manually.
IOA-000058502	Error message LoadInjectionDriver failed. Error: 123
IOA-000058398	Repackager fails to detect some empty folders created during the install of Octave and also during install of Matlab.
IOA-000058272	Changes made to .irp files are not effective while building/creating a .msi/.ism file unless you click the Save icon.
IOA-000057806	Unable to find JRE when using DSC with JRE on a separate package.
IOA-000057675	Repackager's command line option -app launches Repackager with path enclosed in double quotes
IOA-000057545	Need to ship 64-bit version of SQL Express with AdminStudio installer to make it work on 64-bit machines

Issue Number	Issue Summary
IOA-000057189	Automated Application Converter should have its own options.ini file because it can cause conflicts with the global options.ini used in large organizations.
IOA-000056847	An unknown error occurred when performing a ZENworks accessAXT conversion.
IOA-000053875	AdminStudio needs updated .cub files. It is currently shipping with .cub files from Windows Installer 2.x.
IOB-000058916	In Repackager, the Editor project location is truncated if a '.' is included in the path to store files in the wizard.
IOA-000053221	When specifying port in AES URL (in AdminStudio 9.5) for DefaultDatabase, AdminStudio workflows do not complete.
IOA-000053126	Unable to create the MSI_Package Folder that is now included when building a new legacy package in Repackager.
IOA-000053043	Install AES button is disabled on Windows Server 2008 machines.
IOA-000052968	InstallShield installation from AdminStudio 9.5 requires ldapssl.dll and ldapsdk.dll.
IOA-000052954	Shortcuts get included even after excluding them in the Repackager view
IOA-000052047	When specifying port in AES URL for DefaultDatabase, AdminStudio workflows do not complete.
IOA-000051973	After reinstallation, activation, ZENworks Edition shows up as "Enterprise".
IOC-000080628	The Windows 7 and Windows Server 2008 operating systems are not available in OS list under Profile Requirements view of Citrix XenApp Assistant.
IOA-000047618	Customer requested that the AdminStudio serial number be removed from splash screens.
IOC-000070700	Request for better upload logging for file uploads.
IOC-000063076	Branching with a non-required Single Selection causes exception on edit data.
IOC-000061482	Repackaging Wizard does not check specified Product Name to see if it contains invalid characters.

Issue Number	Issue Summary
IOA-000028499	Give customers the option to hide the product serial number on the AdminStudio Help / About dialog box.
IOC-000046951	Choosing an existing AS Shared folder during AS 7 installation corrupts the ACL.