AdminStudio Suite

Powering the Application Readiness Process for Application Virtualization, Application Compatibility, Mobile App Management and Packaging Operations

Benefits to Your Organization:

- **Accelerate Deployment of Physical, Virtual and Mobile Applications**
  Leverage your current application packaging resources, processes and previous work and automate application packaging using one tool, with one process, regardless of deployment format.

- **Accelerate Application Migration Projects**
  Integrated solution tests, fixes and packages MSI and virtual packages for reliable deployment.

- **Automate Application Virtualization**
  Validates compatible applications, repackages nonstandard installations into MSI and converts applications into virtual application packages.

- **Automate Windows 7 and 8 Application Compatibility Testing and Remediation**
  Assess application portfolio in minutes and automatically fix the vast majority of installation package compatibility issues.

- **Automate Web Application Capability Testing**
  Automatically test and report on Web application compatibility with Internet Explorer 8, 9 and 10.

The need to simplify desktop management, cut costs and adopt innovation-enabling technologies is driving IT transformation. That transformation involves migration to Windows® 7 and 8, virtualization, cloud computing, new application delivery models, multiple access devices and management of mobile applications. It represents a fundamental shift from static, infrastructure-based IT to a user-centric model that orchestrates services around users and their requirements at any point in time.

Making this transition has major implications for IT. Considering the huge number of applications that IT must migrate, the diversity of target deployment formats and the growing complexity of the IT environment, manual procedures for testing, converting and managing applications are no longer viable.

IT needs to replace manual efforts with a single Application Readiness process powered by a unified solution that automatically assesses application compatibility for various formats, tests for and fixes compatibility issues, converts applications to all leading formats and reliably packages applications for deployment in today’s highly diverse IT environments.

**AdminStudio Suite**

AdminStudio® Suite powers an enterprise’s Application Readiness process, streamlining and accelerating desktop transformation, migration to Windows 7 and 8, virtualization of desktop and server applications, mobile application management and day-to-day application packaging operations. It removes a major barrier to cloud adoption by automating the assessment, conversion and publishing of multiple virtual formats to both physical and cloud environments.

This single, unified platform accelerates IT transformation while minimizing risk. What’s more, it future proofs application assets so you can quickly adapt to the technology innovations that will inevitably occur in the years ahead.

**Figure 1:** With AdminStudio Suite, IT can automate the application management lifecycle to achieve continuous readiness of all applications regardless of deployment type.
The complete AdminStudio Suite includes:

- **AdminStudio** – Automates application preparation so IT can prepare reliable MSI packages that deploy successfully with today’s most popular software deployment tools.

- **AdminStudio Virtualization Pack** – Prepares virtual applications for deployment, with comprehensive compatibility testing, automated conversion, validation, editing and management reporting.

- **AdminStudio Application Compatibility Pack** – Accelerates migration to Windows 7 and 8 as well as Windows Server 2008 R2 and Windows Server 2012 by automatically assessing and fixing compatibility issues. Also tests and reports on Web application compatibility with Internet Explorer 8, 9 and 10.

- **AdminStudio Mobile Pack** – Enables centralized management of mobile apps with the same tools and processes used for physical and virtual applications, enabling you to more effectively meet user demands for access to business apps from mobile devices such as smartphones and tablets.

- **Workflow Manager** – Provides Web-based process management capabilities to control Application Readiness processes such as packaging, deployment, application virtualization and other desktop management processes.

Working together, the AdminStudio Suite components leverage your current application packaging resources, processes, and previous work and automate application management using one tool, with one process, regardless of deployment format.

AdminStudio

AdminStudio is a complete set of automated MSI packaging, customization, testing and management reporting capabilities that enables IT to efficiently prepare reliable application packages for deployment. With this advanced solution, you can cut MSI packaging time by up to 70%, reduce application deployment costs and speed application delivery. AdminStudio enables you to deploy software to desktops with a very high degree of success, minimizing disruption to users, increasing productivity and reducing helpdesk calls.

**Application Manager** – At the core of AdminStudio is the Application Manager, which forms a central repository for storing and testing applications. The Application Manager allows you to group multiple deployment formats by application and provides a single unified view of all applications in all formats.

**Unified Application Compatibility Reporting and Issue Management** – Test Center simplifies and streamlines all phases of application compatibility testing. Test Center allows you to execute a broad range of compatibility, validation and conflict tests, manage and remediate issues, and monitor overall status in a single location. Consolidating the management of issues increases productivity and ensures fast, reliable delivery of applications to users. From Test Center, you can analyze and manage:

- Operating system (OS) application compatibility tests
- Web application/browser compatibility tests

---

Figure 2: Compatibility test results display in the unified Test Center interface, providing ready access to in-depth data that supports sound decision making.
• Desktop and server application virtualization compatibility tests
• Remote Desktop Services deployment compatibility tests
• Package-level validation and conflict analysis

Central Management and Reporting on Virtual, Traditional and Mobile Application Portfolio – AdminStudio provides detailed information on Application Readiness with out-of-the-box dashboards, customizable reports, graphs and gauges to report on any facet of the Application Manager, including high-level statistics. Application-centric management enables grouping of applications so that different package types and their readiness state appear under each application, making it easier to choose the appropriate deployment technology.

Tight Integration with Leading Software Deployment Tools – AdminStudio is a vendor-neutral packaging solution that automates handoff to all the leading software deployment tools, including Microsoft System Center Configuration Manager, Novell® ZENworks®, LANDesk® Management Suite, BMC® Configuration Management (Marimba) and Symantec® Altiris. This eliminates manual effort, increasing productivity and slashing costs. Moreover, it gives you the flexibility to change deployment tools to adapt to changes in your business environment.

Integration with Microsoft System Center Configuration Manager – AdminStudio offers tight integration and extensive functionality that accelerates your transition to Microsoft System Center 2012 Configuration Manager and its new deployment model. AdminStudio collects application metadata by mining package elements such as system requirements, detection methods and dependence on other applications such as .NET, prior to creating applications in System Center 2012 Configuration Manager.

You can also edit and modify application model elements. The solution supports MSI, Microsoft App-V™, InstallScript and custom installers. Compatibility testing identifies the best candidates for migration to the deployment model before you import them. Bulk import eliminates the error-prone, manual task of importing applications one at a time. AdminStudio supports the ability to publish applications to Configuration Manager 2012 as well as packages in the existing format to Configuration Manager 2007. Support for both models allows you to migrate to Configuration Manager 2012 at the pace best suited to your organization.

Package Editing and Authoring – AdminStudio is powered by the latest version of the world’s leading MSI authoring and editing tool, InstallShield 2013, for advanced MSI package customization and authoring. You can create and edit MSI installations, virtual profiles, patches and transforms. AdminStudio Enterprise Edition includes InstallShield 2013 Premier to simplify the configuration of multi-application software installations, eliminating deployment issues and reducing support costs for application suites.

ISO 19770-2 Software Tagging – AdminStudio can automatically add ISO 19770-2-compliant tag files to packages when you upgrade an existing application catalog to AdminStudio, repackage an application or import a package into the Application Manager. Tagging provides accurate descriptive information for creating a reliable application inventory that enhances software asset management and enables license optimization.

Figure 3: AdminStudio Application Centric Model
Platform API – AdminStudio Enterprise Edition includes application programming interfaces (APIs) that enable orchestration of individual AdminStudio automated tasks to perform higher-level processes such as importing packages, confirming virtualization readiness, converting to virtualized packages, testing packages, distributing to Configuration Manager and other custom tasks. AdminStudio Suite delivers unprecedented automation through the automation layer — fully scripted with PowerShell or .NET — allowing you to create an automated process that executes the complete Application Readiness process.

AdminStudio Virtualization Pack
With AdminStudio Virtualization Pack, you can implement an end-to-end process that identifies, prepares and converts both desktop and server applications into virtual formats. This process enables the packaging staff to accept any application format, prepare and evaluate the application for virtualization compatibility and produce consistent packages in any desired format, from MSI to application virtualization. It automates the conversion of MSIs and legacy installers to virtual application formats, ensuring a consistent approach and speeding virtual application deployment to reduce the cost and duration of a migration project.

as virtual applications. The solution categorizes application issues, presenting them in a single view that visually indicates which issues are automatically resolvable, which are fixable and which will be more complex to resolve. Compatibility testing eliminates the trial-and-error approach to migrating applications to virtual formats.

Automated Conversion to Virtual Formats – The Automated Application Converter converts MSIs and legacy installers to industry-leading virtual desktop formats including Microsoft App-V™, VMware® ThinApp™, Citrix® XenApp™ and Symantec Workspace Virtualization automatically. AdminStudio Virtualization Pack is the only solution that supports multiple application virtualization formats and traditional MSI packages all in one tool.

Testing and Validation – With AdminStudio Virtualization Pack the ability to customize, test, validate and edit MSI packages is extended to virtual formats, so packagers can manage a virtual package with the same tool and processes as a traditional package. You can run conflict and validation tests of packages to ensure they won’t conflict with each other or with other physically deployed applications and to ensure that they conform to best-practice packaging.

Extensive Support for App-V – Virtualization Pack offers extensive support for Microsoft App-V, including App-V 5.0. The upgrade wizard automates the migration from App-V 4.5 or 4.6 to App-V 5.0, eliminating the need to learn new tools or use multiple environments or interfaces. In addition, the Virtual Package Editor enables you to directly edit App-V packages, eliminating the need to reconvert from an MSI when a change to an App-V package is required.

Virtualization Pack and the Application Competability Pack include the ability to run the Windows 7 and 8 (32 and 64-bit), Windows Server 2008 R2 and Windows Server 2012 application compatibility tests directly on App-V 4.5, 4.6 and 5.0 packages. What’s more, you can publish App-V packages directly to XenApp servers to streamline the application management tasks for VDI and hosted virtual sessions.

Support for Server Application Virtualization – The AdminStudio Virtualization Pack automatically tests server applications to determine their suitability for conversion and deployment to Microsoft Server App-V format. It categorizes application issues and presents them in Test Center, enabling you to use the same interface for desktop and server applications.

Virtualization Pack then simplifies the conversion of server applications to the Server App-V format for use in the Microsoft Private Cloud. You can provision operating system images from System Center Virtual Machine Manager (SCVMM) for use in capturing and deploying Microsoft Server App-V packages. You can also configure operating system images from SCVMM for use in application deployment or application capturing. AdminStudio can automatically initiate the Server App-V sequencer and start the sequencing process. You can also retrieve the captured Server App-V packages and store them in the AdminStudio Application Manager, where they can be cataloged and tested.

AdminStudio Application Compatibility Pack
AdminStudio Application Compatibility Pack accelerates the migration to Windows 7 and 8 (both 32-bit and 64-bit versions) as well as Windows Server 2008 R2 and Windows Server 2012 by automatically assessing and fixing compatibility issues. Additionally, it enables you to quickly pinpoint issues around moving Web applications to Internet Explorer 8, 9 and 10, often a major challenge tied to Windows 7 and 8 migrations.

Windows 7 and 8 Compatibility Assessment – Comprehensive reporting provides insight into the size, cost and scope of the compatibility effort. Compatibility assessment takes minutes instead of weeks. With thousands of automated checks for Windows 7 and 8 compatibility, the solution provides an at-a-glance view of your entire application portfolio. As a result, you can quickly understand which applications require fixing. This visibility enhances decision making related to the migration timescale and cost.

Detailed Application Compatibility Issue Reporting – Dashboards and reports provide overall compatibility status from multiple viewpoints for all applications in the AdminStudio catalog or by group. Drilldown takes you from big picture to detailed analysis. The audit trail report shows the testing and remediation progress over time, offering valuable insight to the project team.

Automated Windows 7 and 8 Application Compatibility Fixing – AdminStudio Application Compatibility Pack can automatically fix more than 98% of installation-package-related application compatibility issues. In just minutes it automatically generates standard MSI transforms that can be applied to fix the application. This ensures a fast, consistent and high-quality approach to Windows 7 and 8 migration, drastically reducing overall costs by eliminating the need for skilled packaging and support resources.

AdminStudio Mobile Pack
Mobile Pack takes advantage of your current Application Readiness tools and processes to simplify mobile application management and enable you to take the first step toward addressing the rapidly growing demand for mobile apps in the enterprise.

Support for iOS and Windows Store Apps – Mobile Pack automatically imports Apple iOS and Windows Store apps
into the Application Manager and assigns them to groups, so you can manage them in the same way you manage other applications. This gives you the flexibility to manage the application portfolio using the model that best meets your enterprise needs, taking advantage, for example, of groups such as departments, teams and application types.

**Streamline Mobile App Deployment with Microsoft® System Center 2012 Configuration Manager SP1** – You can directly publish Apple iOS and Windows Store apps from AdminStudio to Microsoft® System Center 2012 Configuration Manager SP1, which supports the Windows Intune Connector for deployment of both Apple iOS and Windows Store apps.

**Reporting** – AdminStudio displays data on mobile apps in the Application Readiness Dashboard and supports the creation of custom reports in the AdminStudio Report Center, providing greater visibility into your complete application portfolio.

**Workflow Manager Enforces Best Practices**
Workflow Manager is a Web-based process management solution that gives IT total control over software packaging, application virtualization, Windows 7 and 8 migration and general desktop management processes end to end. Using Workflow Manager, enterprises can enforce the use of standardized, best-practice processes and speed their execution, thereby cutting costs and increasing IT efficiency. The AdminStudio Platform API seamlessly integrates with Flexera Software’s Workflow Manager, providing end-to-end Application Readiness processes and connecting those workflows with other enterprise processes and systems.

**Future Proof Your Applications with AdminStudio Suite**
Change is constant in IT, with a continual flood of application updates and patches to deploy and new technologies to absorb. The number of deployment types continues to grow. So does the list of application preparation requirements.

AdminStudio Suite gives IT the agility to respond in a heartbeat to rapidly changing demands, despite the increasing complexity of application preparedness. With AdminStudio Suite, IT can deliver the power of technology innovations that increase employee productivity and give the enterprise a competitive edge.

AdminStudio Suite is the industry’s only automated application compatibility testing, fixing and packaging solution for MSI and virtual formats that integrates with existing systems management technologies. This sophisticated solution enables you to unify application management using one tool, with one process, regardless of deployment format. As a result, you’ll accelerate the adoption of Windows 7, Windows 8, virtualization, cloud computing, new application delivery models, multiple access devices and mobile applications. And you’ll position IT to maintain application readiness in an environment of rapid and continual change.

**About Flexera Software**
Flexera Software is the leading provider of strategic solutions for Application Usage Management; solutions delivering continuous license compliance, optimized usage and maximized value to application producers and enterprises. Flexera Software is trusted by more than 80,000 customers that depend on our comprehensive solutions - from installation and licensing, entitlement and compliance management to application readiness and Software License Optimization - to strategically manage application usage and achieve breakthrough results realized only through the systems-level approach we provide. For more information, please go to: www.flexerasoftware.com