

# InstallShield 2012

How the world builds software installations for Microsoft Windows

**The World's #1 Installation Technology**—InstallShield technology is deployed by over 70,000 customers on more than 500 million desktops.

**Most Popular Solution for Windows 7**—The easy way to build Windows 7 Logo Certified installers, with superior Windows Installer and 64-bit support.

**Unparalleled Visual Studio 2010 Support**—Microsoft recommends their Visual Studio customers build installers with InstallShield.

**More than Desktops**—Easily build installations for server, Web, and mobile applications.

**Native Language Installers**—Built-in support for localizing setups for 35 languages.

**Two Licensing Options**—Choose either a node-locked license or a concurrent license that developers can share.

**Three Editions and Two Languages**—Premier, Professional, and Express Editions available in English and Japanese.

If you build your applications for Windows®, InstallShield® is your solution. InstallShield makes it easy for development teams to be more agile, flexible and collaborative when building reliable Windows Installer (MSI) and InstallScript installations for desktop, server, Web, and mobile applications.

## InstallShield 2012: For Traditional and Agile Development Teams with Windows and Virtualized Installation Requirements

InstallShield 2012 is the only installation solution capable of supporting the needs of today's sophisticated software producers for packaging both standalone offerings and complex suites. InstallShield 2012 has been updated to deliver a fresh, positive and friendly experience to meet the exacting standards of a new generation of app-savvy users. And, it's the only solution providing automated tools that empower software producers to productize, package and install their products in both traditional MSI and virtual formats. Understanding the needs of today's decentralized agile teams, means that Flexera Software can design a world-class installation solution that supports the installation authoring, building and bundling requirements of these teams.

## Creating a Unified Installation Experience

It's critical for today's software producers to be able to offer products to the market as standalone offerings or bundled suites, while creating a unified installation experience. Until now, there hasn't been a solution that supports the complex product packaging requirements for a unified suite installation experience. With the new InstallShield Suite Project type, multiple products can be easily bundled together into a single, unified suite installation eliminating the need

to develop a complex custom launcher or bootstrapper application.

## First Impressions are the Most Lasting

Meeting the needs of a new generation of "app-store savvy" users means that installations must be painless, fast and virtually transparent. With the new Installation Streaming feature, end users need only download a small file to quickly start the installation, giving a more immediate interaction with the product installation. As only the required packages are ever downloaded, the overall installation time can be greatly reduced.

## Integrated into Agile Development Practices

Installation development used to be an isolated, tactical step at the tail end of an application development process managed by a dedicated team member. Today, it must be integrated into agile development practices, where installation responsibilities are distributed amongst the team and are an essential element of the iterative, development process. The InstallShield 2012 Collaboration add-on has been significantly enhanced to better support distributed, collaborative installation development allowing product developers and technical writers to create and manage their portion of the installation.

## The Most Comprehensive Support for 64-bit Installation Development

Windows 7 adoption continues and is also driving the adoption of the 64-bit operating system. Gartner predicts that by 2014, 75% of corporate PCs will be running 64-bit version of Windows. InstallShield 2012 has been enhanced with new capabilities to provide the most comprehensive support for 64-bit installation development.

“Agile software development is a critical to our global product strategy, and implementing a strategic installation solution that supports agile development is critical. Flexera Software has listened and has delivered InstallShield 2012, a game-changing product that offers tremendous functionality for our agile team to integrate installation development into our processes and support our iterative, collaborative team.”

**Mark Hanson**

*Software Engineer  
Advanced*

Siemens Product  
Lifecycle Management  
Software Inc.

### **Avoid Risk Exposure and Non-Compliance**

If customers cannot easily track software usage they risk non-compliance. Software “self-instrumentation” or tagging is evolving as an industry standard, enabling software producers to create smarter applications that give customers better information for software asset management and license optimization initiatives. InstallShield 2012 is the only strategic installation development solution that creates ISO 19770-2 software identification tags as part of the installation development process. This enables software producers to help their customers by delivering better visibility into installed software estate in order to facilitate software compliance efforts.

### **Maintain a Clean Build System**

InstallShield provides a Standalone Build add-on that enables installation developers to maintain a clean build system by using the part of InstallShield that builds the installations, plus any redistributables included in the installations. Customers on current InstallShield Premier Edition maintenance are entitled to 5 free Standalone Build licenses. Customers current on InstallShield Professional maintenance are entitled to 1 free license. Additional Standalone Build licenses can be purchased.

### **InstallShield 2012: Microsoft’s installation software of choice includes the following new capabilities:**

#### **Suite Installations**

With the new InstallShield Suite Project type, multiple products can be easily bundled together into a single, unified suite installation. This new functionality offers advantages over MSI chaining, InstallShield prerequisite support, and the user interface functionality that is provided by Windows Installer.

- A next generation setup launcher (Setup.exe) that can conditionally run multiple installations (.msi or .exe) and apply Windows Installer patches (.msp) as needed on target systems.
- An entirely new end-user interface with redesigned built-in wizard pages and a new wizard page editor to provide richer user interface capabilities and full control over the user interface layout, text strings and dialog behavior.
- An integrated progress bar that presents a unified, visual indication of the overall status of the entire suite installation process.
- Settings to specify whether to have a single entry in Add or Remove programs.
- A single installation that includes both 32-bit packages and 64-bit packages and runs only the appropriate packages on each target system.

#### **Installation Streaming**

Installation Streaming reduces the downloading wait time required before installation can begin. End users need only download a small file to quickly start the installation. Based on the selected install options, only the required packages are downloaded from the web or extracted from the installation.

- Flexible options for specifying the run-time location of each package, including:
  - On the Web, available for download by Setup.exe.
  - Embedded in Setup.exe and extracted to the target system.
  - Uncompressed and stored on the suite source media.

## Installation Collaboration

The InstallShield 2012 Collaboration add-on has been significantly enhanced to better support distributed, collaborative installation development allowing product developers and technical writers to more efficiently create and manage their portion of the installation.

- A new project type called Developer Installation Manifest (DIM) which is a feature-sized collection of related items such as product files, shortcuts, registry entries, text file changes, IIS Web sites, and other elements that together make up a discrete portion of a product installation.
- A new Developer Installation Manifest Editor that can be separately installed and used by the entire product development team to create and manage their installation files. The manifest can then be dynamically or statically linked by the Installation Author to the product's Basic MSI project – significantly streamlining and integrating the collaboration that is needed between product development and installation development – especially for decentralized, distributed teams.
- The InstallShield Premier Edition includes 5 licenses of the Developer Installation Manifest Editor, enabling product development teams to immediately start working collaboratively.

## 64-Bit Enhancements

InstallShield 2012 has been enhanced with the following new capabilities to provide the most comprehensive support for 64-bit installation development:

- Updated dependency scanners to identify 64-bit dependencies of the 64-bit files in a project.
- Support for setting permissions for files, folders and registry keys in 64-bit locations.
- A prerequisite that installs the 64-bit version of the Microsoft VTSO 2010 Runtime.

## Application Tagging

If customers cannot easily track software usage they risk non-compliance, which creates substantial risk-exposure and pain that is attributed to the software producer, resulting in a negative customer experience and jeopardizing the software producer's reputation. InstallShield 2012 is the only strategic installation development solution that creates ISO 19770-2 software identification tags as part of the installation development process.

- Automatically creates the ISO 19770-2 tag during the installation development process and ensures it is deployed as part of the application's install.
- Enhanced General Information view to manage the required metadata elements.
- Installs the tag in the locations as defined by the standard.
- Digitally sign tags (available in Q4 2011) in addition to your application files and setup.

## Continued Innovations from the World's Leading Development Solution

- InstallShield supports a new monitoring method for COM extraction. The method uses a kernel driver to monitor the areas of the registry that are modified during dynamic COM extraction at build time and static COM extraction at design time.
- Merge Module Projects now include built-in support for IIS, Text File Changes, and XML File Changes.
- The read-write property RequiredExecutionLevel has been added to the ISWiRelease object. This property corresponds with the Required Execution Level setting on the Setup.exe tab for a release in the Releases view.
- InstallShield 2012 includes new prerequisites that install Internet Explorer 9, SQL Server 2008 R2 Native client, Windows Identity Foundation, and more.
- Now includes the ability to determine if Adobe Reader 10, Internet Explorer 9, or Microsoft Office (2010, 2007, or 2003) is installed on a target system.

"InstallShield 2012's new Suite tool offers us a convenient way of integrating redistributable packages of the Microsoft products MS.NET or MS Visual Studio into the setups of our software solutions, such as our new RIB iTWO Business Suite for digital engineering and construction. All in all a promising supplement for the development of RIB software systems."

**Johannes John**

*Senior Setup Developer*  
RIB Software AG

Features	InstallShield 2012	InstallShield 2011	InstallShield 2010
<b>NEW! Suite Installation</b> Easily bundle multiple products together into a single, unified installation. Includes redesigned, modern built-in wizard pages and a new wizard page editor.	✓		
<b>NEW! Installation Streaming</b> End users only need download a small file to quickly start the installation.	✓		
<b>ENHANCED! InstallShield 2012 Collaboration Add-On</b> Supports distributed, collaborative installation development. Premier Edition includes 5 free licenses of the Developer Installation Manifest Editor which allows developers and technical writers to separately create and manage their portion of the installation.	✓	Limited	Limited
<b>NEW! Software Identification Tagging</b> Creates ISO 19770-2 software identification tag as part of the installation development process.	✓		
<b>NEW! InstallShield Prerequisites for Installing New Technologies</b> Includes new prerequisites that install Internet Explorer 9, SQL Server 2008 R2 Native client, Windows Identify Foundation, and more.	✓		
<b>ENHANCED! Comprehensive 64-Bit Application Support</b> Comprehensive support for 64-bit installation development including identifying 64-bit dependencies of the 64-bit files in a project; setting permissions for files, folders and registry keys; and a prerequisite that installs the 64-bit version of the Microsoft VTSO 2010 Runtime.	✓	Limited	Limited
<b>Visual Studio 2010 and .NET Framework 4.0 Support</b> Build installations inside the Visual Studio 2010 IDE and deploy applications targeting .NET 4. Include new .NET prerequisites with installations.	✓	✓	Partial
<b>Integration with Microsoft Team Foundation Server</b> Compile, build, and manage InstallShield projects and Visual Studio solutions in a single environment.	✓	✓	
<b>Predefined System Searches</b> Have installers check if .NET Framework 4.0, SQL Server 2008 Express SP1, and Adobe Reader 9 are installed on a target system	✓	✓	
<b>Expiring Setup Launchers</b> Prevent your end users from installing outdated versions of your applications.	✓	✓	
<b>Microsoft App-V Support</b> Deploy your applications as App-V virtual packages that run without conflict.	With Virtualization Pack	With Virtualization Pack	With Virtualization Pack
<b>Windows 7 and Windows Server 2008 R2 Support</b> Install your applications flawlessly on Windows 7 and Windows Server 2008 R2.	✓	✓	✓
<b>Multilingual Support</b> Present installation text in up to 35 languages.	✓	✓	✓
<b>Standalone Build Add-On</b> Maintain a clean build system by using the part of InstallShield that builds the installations, plus any redistributables that you want to include in your installations.	✓	✓	

**Next Step:** For a more detailed feature list and to begin a free evaluation, visit [www.flexerasoftware.com/installshield](http://www.flexerasoftware.com/installshield) or call Flexera Software today!



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